

Ambient air quality (nitrogen dioxide) monitoring network site metadata report 2007-2010



New Zealand Transport Agency National Nitrogen Dioxide Monitoring Network - Site Metadata 2007 to 2010

Prepared for
New Zealand Transport Agency (NZTA)

By



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Introduction

The NZ Transport Agency (NZTA) is a Crown entity responsible for, among other things, managing 10,894 kilometres of state highways. The state highway system accounts for about 12 percent of New Zealand's roads and around half of the 40 billion vehicle kilometres New Zealanders travel each year¹. Motor vehicles travelling on roads emit an array of air pollutants which can contribute to harmful effects on human health and smog formation.

In its Environmental Plan², NZTA is committed to being socially and environmentally responsible and improving the contribution of state highways to the environmental and social well being of New Zealand. The specific objectives that NZTA has for improving air quality include:

- A1. Understand the contribution of vehicle traffic to air quality
- A2. Ensure new state highway projects do not directly cause national environmental standards for ambient air quality to be exceeded
- A3. Contribute to reducing emissions where the state highway network is a significant source of exceedances of national ambient air quality standards

Annual assessment of vehicle emissions from the state highway network is undertaken using data gathered from selected sites using passive samplers to measure nitrogen dioxide (NO₂) as a general proxy for air pollution from motor vehicles. The World Health Organisation (WHO) states³ that:

"Nitrogen dioxide concentrations closely follow vehicle emissions in many situations, so nitrogen dioxide levels are generally a reasonable marker of exposure to traffic-related emissions."

In 2007, NZTA started a national NO₂ passive monitoring programme to determine relative levels of vehicle pollution across the state highway network. As at the end of 2010, diffusion tubes (a type of passive sampler) have now been deployed in 128 sites across New Zealand (including state highway, local road and background locations). The overall aim is to see a decreasing trend in NO₂ concentrations measured at these sites.

This report presents the metadata for all sites (past and current) that have been part of the NZTA national NO₂ passive monitoring network from 2007 to 2010 and includes the following areas:

- Summary tables listing all sites ordered by monitoring zone from 2007 to 2010
- Maps showing the coverage of the national network in 2007, 2008, 2009 and 2010
- Individual one-page descriptions for each site ordered by monitoring zone outlining critical details such as location, type and the distance to nearest roads/receptors

NZTA has recently produced its first report on the passive sampling results covering 2007 to 2009⁴ and intends to report on the results annually in future.

¹ MoT (2010). *The New Zealand Vehicle Fleet, Annual Fleet Statistics 2009*, Ministry of Transport, September 2010

² Transit (2008). *Environmental Plan, Version 2*, Transit New Zealand, June 2008. Note: Transit New Zealand merged with Land Transport New Zealand to form the NZ Transport Agency on 1 August 2008

³ WHO (2006). *Air Quality Guidelines Global Update 2005: Particulate Matter, Ozone, Nitrogen Dioxide, and Sulphur Dioxide*, World Health Organisation, October 2006

⁴ NZTA (2011). *Ambient Air Quality (Nitrogen Dioxide) Monitoring Network Report 2007-2009*, NZ Transport Agency, March 2011

Monitoring Zones

NZTA monitoring zones have been established for each main urban area⁵ in New Zealand, as well as for Otaki, Blenheim, Greymouth and Queenstown. The number of monitoring sites within each zone reflects the risk of being exposed to elevated levels of air pollution arising from vehicles using the state highway network. This is based on the population of urban areas in each zone.

In 2007 and 2008, there were 52 locations monitored throughout New Zealand. NZTA expanded the network in 2009 to include background and local road locations, with a total of 83 locations. The network was further expanded in 2010 to include more local road and background monitoring sites and now numbers 128 sites. The number of monitoring sites in each zone is shown in Table 1.

Table 1: The number of monitoring sites in each zone from 2007 to 2010

Monitoring zone	Population in 2006 (000's)	Site type	Number of sites		
			2007 and 2008	2009	2010
Whangarei	49	SH	1	1	1
		Background	-	1	1
Auckland - Northern	248	SH	3	6	6
		Local	1	4	4
		Background	-	1	1
Auckland - Western	194	SH	1	5	5
		Local	-	4	4
		Background	-	1	1
Auckland - Central	397	SH	6	6	6
		Local	-	5	5
		Background	1	1	1
Auckland - Southern	372	SH	4	6	6
		Local	-	3	3
		Background	-	1	1
Hamilton	139	SH	3	3	5
		Local	-	-	3
		Background	-	-	1
Cambridge	17	SH	1	1	1

⁵The NZTA monitoring zones reflect the "urban areas" used by Statistics New Zealand. The urban area classification is designed to identify concentrated urban or semi-urban settlements without the distortions of administrative boundaries. Three types of urban areas are defined – main, secondary and minor – and these are delineated by population. See www.stats.govt.nz/census/about-2006-census/2006-census-definitions-questionnaires/definitions/geographic.aspx for details.

Monitoring zone	Population in 2006 (000's)	Site type	Number of sites		
			2007 and 2008	2009	2010
Te Awamutu	15	SH	-	-	1
Taupo	21	SH	1	1	1
Tauranga	109	SH	3	3	4
		Local	-	-	2
		Background	-	-	1
Rotorua	54	SH	1	1	1
		Background	-	-	1
Gisborne	32	SH	1	1	1
Napier	57	SH	2	2	2
		Background	-	-	1
Hastings	63	SH	1	1	1
		Background	-	-	1
New Plymouth	49	SH	1	1	1
		Background	-	-	1
Wanganui	39	SH	1	1	1
Palmerston North	76	SH	1	1	3
		Local	-	-	1
		Background	-	-	1
Otaki	5	SH	-	-	1
Kapiti	37	SH	1	1	1
Upper Hutt	37	SH	-	-	1
		Background	-	-	1
Lower Hutt	98	SH	2	3	3
		Local	-	-	1
		Background	-	-	1
Porirua	50	SH	1	1	1
Wellington	179	SH	2	4	5
		Local	-	-	3
		Background	-	-	2
Nelson	56	SH	3	3	3
		Background	-	-	1
Blenheim	29	SH	1	1	1
Christchurch	361	SH	3	3	6
		Local	-	-	4
		Background	-	-	2

Monitoring zone	Population in 2006 (000's)	Site type	Number of sites		
			2007 and 2008	2009	2010
Greymouth	10	SH	1	1	1
Dunedin	111	SH	2	2	3
		Local	1	1	3
		Background	-	-	1
Queenstown	10	SH	1	1	1
Invercargill	47	SH	1	1	1
		Background	-	-	1
Grand Total			52	83	128

Monitoring sites in the NZTA national NO₂ passive monitoring network are classified as:

- *State highway* sites, which are located within 100m of the highway being monitored
- *Local* road sites, which are located within 50m of the road being monitored
- Urban *background* sites, which are located more than 100m from a state highway and more than 50m from a busy local road

Monitoring Locations

Table 2 summarises the metadata for all sites that were operational between 2007 and 2010. Figures 1 to 4 illustrate how the monitoring network has developed from 2007 to 2010.

Table 2: Summary of metadata for the NZTA national ambient NO₂ monitoring network for sites for 2007 to 2010

Site metadata summary										
Monitoring zone	Site ID	Site name	Area	Easting	Northing	Distance to sensitive receptor (m)	Site type	State highway	Distance to SH (m)	Distance to local road (m)
Whangarei	AUC001	Western Hills Dr / Selwyn Ave	Woodhill	1718908	6046054	10	SH	1	1	350
	AUC038	Huia St	Whau Valley	1717812	6048753	10	Background	1	880	95
	AUC171	Korau Rd	Tikipunga	1720175	6049513	5	Background	1	1535	80
Auckland - Northern	AUC004	Grand Dr / Tauranga Pl	Orewa	1750060	5949364	50	SH	1A	1	895
	AUC006	Northern Motorway / Curry Ln (relocated to AUC170)	Westlake	1755497	5928947	25	SH	1	5	35
	AUC007	Northern Motorway / Sulphur Beach Rd	Northcote	1756065	5923935	5	SH	1	11	610
	AUC039	Albany Highway / Ashby Pl	Unsworth Heights	1752018	5930500	8	SH	18	60	330
	AUC040	Upper Harbour Dr / William Pitcher Pl	Greenhithe	1749755	5928069	15	SH	18	12	270
	AUC043*	Northern Motorway / Wairau Rd (AC Takapuna) * = triplicate site	Takapuna	1756069.1	5928070.2	50	SH	1	50	45
	AUC044*									
	AUC045*									
	AUC170	Northern Motorway /Tristram Ave (relocated from AUC006)	Westlake	1755482	5928973	25	SH	1	5	5
	AUC005	Northern Motorway / Fairview Ave	Albany	1753063	5935161	120	Local	1	160	2
	AUC041	Glenfield Rd / Sunset Rd	Glenfield	1753390	5929775	5	Local	18	1115	1
	AUC042	Lake Rd / Service Ln	Takapuna	1758078	5927136	5	Local	1	1590	1
	AUC046	Lake Rd / Esmonde Rd	Takapuna	1758428	5926591	5	Local	1	1425	2
AUC047	Woodcote Dr	Marlborough	1753696	5927375	10	Background	1	2530	60	
Auckland - Western	AUC020	North Western Motorway / Cedar Heights Ave	Massey East	1744601	5921792	10	SH	16	90	170
	AUC048	North Western Motorway / Te Atatu Rd	Te Atatu	1747262	5919849	40	SH	18	2	2
	AUC049	Hobsonville Rd / Carnegie Cres	Hobsonville	1747244	5926410	5	SH	18	10	710
	AUC050	SH16 / Kennedys Rd	Whenuapai	1742258	5926703	7	SH	16	4	155

Site metadata summary

Monitoring zone	Site ID	Site name	Area	Easting	Northing	Distance to sensitive receptor (m)	Site type	State highway	Distance to SH (m)	Distance to local road (m)
	AUC051	North Western Motorway / Taitapu St	Massey East	1745021	5921302	8	SH	16	70	195
	AUC052	Henderson Valley Rd / Hickory Ave	Henderson	1745187	5916791	15	Local	16	3450	5
	AUC053	Te Atatu Rd / Edmonton Rd	Te Atatu South	1746835	5918811	5	Local	16	930	3
	AUC054*	Lincoln Rd / Henderson Intermediate (AC Henderson) * = triplicate site	Henderson	1745143	5918530	20	Local	16	2095	7
	AUC055*									
	AUC056*									
	AUC063	Great North Rd / Rata St	New Lynn	1749443	5913945	3	Local	20	4140	10
	AUC057*	Meadowvale Rd / Ceramco Park (AC Glen Eden) * = triplicate site	Glen Eden	1747149	5912480	10	Background	16	6160	250
	AUC058*									
AUC059*										
Auckland - Central	AUC008	Northern Motorway / St Mary's Bay Rd	St Mary's Bay	1755662	5921138	10	SH	1	70	280
	AUC009	CMJ / Canada St	Newton	1756811	5919276	20	SH	1	20	130
	AUC011	Southern Motorway / Mt Hobson Rd	Remuera	1758969	5917106	10	SH	1	10	390
	AUC013*	Southern Motorway / Gavin St (MfE Penrose) * = triplicate site	Penrose	1761756.9	5914170.8	45	SH	1	100	210
	AUC014*									
	AUC015*									
	AUC022	North Western Motorway / Niger St	Arch Hill	1755717	5918398	10	SH	16	32	110
	AUC025	Hugh Watt Dr / Melrose Rd	Hillsborough	1756246	5912958	5	SH	20	40	215
	AUC060	New North Rd / Mount Albert Rd	Mt Albert	1752882	5916590	2.5	Local	16	1515	1
	AUC061	Great South Rd / Green Ln East	Greenlane	1759925	5915778	8	Local	1	255	2
	AUC062	Ellerslie Panmure Highway / Mountain Rd	Panmure	1764307	5914946	10	Local	1	2300	3
	AUC064	Sandringham Rd / Kowhai Intermediate (MfE Kingsland)	Kingsland	1755692	5917809	2	Local	16	470	4
AUC071	Mangere Rd / Walmsley Rd	Otahuhu	1763685	5908918	2.5	Local	1	1670	1	

Site metadata summary

Monitoring zone	Site ID	Site name	Area	Easting	Northing	Distance to sensitive receptor (m)	Site type	State highway	Distance to SH (m)	Distance to local road (m)
Auckland - Southern	AUC021	Waterbank Cres	Waterview	1751684	5917742	10	Background	16	150	260
	AUC018	Southern Motorway / Waimate St	Flat Bush	1767463	5906047	20	SH	1	60	250
	AUC019	Southern Motorway / Liggett Dr	Manukau	1767713	5903803	10	SH	1	100	60
	AUC026	South Western Motorway / Hastie Ave	Mangere Bridge	1759570	5909661	5	SH	20	25	270
	AUC027	South Western Motorway / Ashmore Pl	Mangere	1760189	5908083	5	SH	20	20	490
	AUC067	South Western Motorway / Massey Rd	Mangere East	1761844	5906521	6	SH	20	20	85
	AUC068	George Bolt Dr / Kirkbride Rd	Mangere	1759293	5906550	10	SH	20A	2	2
	AUC069	Bairds Rd / Otara Rd	Otara	1766535	5908095	5	Local	1	605	10
	AUC070	Dominion Rd / Settlement Rd	Papakura	1774740	5896065	25	Local	1	3440	5
	AUC072	Pakuranga Rd / Bell Reserve (AC Pakuranga)	Pakuranga	1768412	5913942	5	Local	1	4320	3
AUC073	Oakridge Way (AC Botany)	Botany	1771370	5912359	10	Background	1	7040	250	
Hamilton	HAM001	Cambridge Rd / Morrinsville Rd	Hillcrest	1804416	5813725	40	SH	1	3	240
	HAM002	Avalon Dr / Grandview Rd	Nawton	1797762	5816739	40	SH	1	3	20
	HAM003	Lorne St / Ohaupo Rd	Melville	1800756	5813015	2	SH	1 & 3	1	5
	HAM012	Te Rapa Rd / Ann Michele St	Pukete	1795724	5821363	8	SH	1	4	910
	HAM013	Greenwood St / Killarney Rd	Frankton	1799056	5814544	10	SH	1	1	1
	HAM014	Victoria St / Ulster St	Beerescourt	1799295	5817333	31	Local	1	1670	1
	HAM015	Brooklyn Rd / Peachgrove Rd	Claudlands	1801984	5816917	20	Local	1	3400	3
	HAM016	Bridge St / Cobham Dr	Hamilton West	1801223	5814608	7	Local	1	1190	1
HAM017	Seamer Pl	St Andrews	1798688	5819138	10	Background	1	1665	93	
Cambridge	HAM004	Victoria St / Queen St	Cambridge	1816991	5803351	15	SH	1	1	30
Te Awamutu	HAM022	Ohaupo Rd / Albert Park Dr	Te Awamutu	1804490	5790839	5	SH	3	1	80

Site metadata summary

Monitoring zone	Site ID	Site name	Area	Easting	Northing	Distance to sensitive receptor (m)	Site type	State highway	Distance to SH (m)	Distance to local road (m)
Taupo	HAM005	Tongariro St / Norman Smith St	Taupo	1866997	5714268	60	SH	1	2	5
Tauranga	HAM007	Fifteenth Ave / Cameron Rd	Tauranga South	1878044	5822402	45	SH	2A	2	2
	HAM008	Maunganui Rd / Golf Rd	Mt Maunganui	1882910	5826562	30	SH	2	2	30
	HAM010	Marsh St / Chapel St	Tauranga	1879269	5825395	60	SH	2	2	2
	HAM018	SH2 / Maunganui Rd	Te Maunga	1884544	5824456	50	SH	2	2	810
	HAM019	Bellevue Rd / Otumoetai Rd	Brookfield	1876492	5823919	20	Local	2	1040	2
	HAM020	Cameron Rd / Twentythird Ave	Gate Pa	1877026	5821388	15	Local	2	1090	3
	HAM021	Seaforth Gr	Greerton	1875811	5819200	5	Background	29	360	280
Rotorua	HAM006	Old Taupo Rd / Pukuatua St	Rotorua	1883582	5774041	40	SH	30A & 5	3	40
	HAM023	Lighthouse St	Glenholme	1884716	5772827	10	Background	5	880	170
Gisborne	NAP001	Wainui Rd / Craig Rd	Gisborne	2038946	5707152	5	SH	35	2	190
Napier	NAP002	Napier Hastings Motorway / Meeanee Rd	Jervoistown	1931872	5616278	40	SH	50	3	2
	NAP003	Hyderabad Rd / Georges Dr	Marewa	1935394	5620994	10	SH	2	3	70
	NAP006	Hastie Pl	Onekawa	1934262	5618615	15	Background	50	800	600
Hastings	NAP004	Napier Hastings Motorway / Omaha Rd	Woolwich	1927501	5607387	180	SH	50A	20	10
	NAP005	Amanda Pl	Mayfair	1931267	5605429	15	Background	2	230	100
New Plymouth	WAN001	Northgate / Paynters Ave	Fitzroy	1695561	5676854	50	SH	3	1	140
	WAN009	Benbow Pl	Westown	1691914	5674457	5	Background	45	1360	240
Wanganui	WAN002	London St / Grey St (relocated to WAN010)	Wanganui	1773681	5578142	50	SH	3	1	70
	WAN010	London St / Grey St (relocated from WAN002)	Wanganui	1773776	5578231	10	SH	3	1	60
Palmerston North	WAN004	Rangitikei St / Featherston St	Palmerston Nth Central	1821340	5530133	20	SH	3	1	1
	WAN005	Pioneer Hwy / Maxwells Line	Awapuni	1818864	5527893	30	SH	56	1	35

Site metadata summary

Monitoring zone	Site ID	Site name	Area	Easting	Northing	Distance to sensitive receptor (m)	Site type	State highway	Distance to SH (m)	Distance to local road (m)
	WAN006	Main St / Ruahine St	Terrace End	1823226	5530270	40	SH	3	1	10
	WAN007	Pitt St / Ferguson St	West End	1821556	5528890	20	Local	3	920	1
	WAN008	Tyndall St	Roslyn	1822113	5531385	5	Background	3	1250	100
Otaki	WEL061	State Highway 1 / Mill Rd	Otaki	1782095	5485605	15	SH	1	3	5
Kapiti	WEL004	Ihakara Street (relocated to WEL063)	Paraparaumu	1768605	5467998	20	SH	1	3	610
	WEL063	Main Rd South / Rimutaka St (relocated from WEL004)	Paraparaumu	1769627	5469035	20	SH	1	5	680
Upper Hutt	WEL057	River Rd / Totara Park Rd	Clouston Park	1774749	5446335	20	SH	2	2	5
	WEL058*	GWRC Savage Park * = triplicate site	Upper Hutt	1773803	5445683	21	Background	2	600	69
	WEL059*									
	WEL060*									
Lower Hutt	WEL002	Western Hutt Rd / Manor Park Rd	Manor Park	1765598	5441729	180	SH	2	1	485
	WEL003	Western Hutt Rd / Riddlers Cres	Petone	1757206	5435187	8	SH	2	40	150
	WEL028*	Western Hutt Rd / Block Rd (GWRC Melling Station) * = triplicate site	Boulcott	1759881	5436960	4.5	SH	2	9.5	50
	WEL029*									
	WEL030*									
	WEL052	Western Hutt Rd / Pharazyn St	Boulcott	1759667	5436831	12	SH	2	15	185
	WEL053	Knights Rd / Bloomfield Tce	Lower Hutt	1759934	5436058	20	Local	2	828	1
	WEL054*	GWRC Birch Lane * = triplicate site	Waterloo	1761034	5435864	8	Background	2	1595	100
	WEL055*									
	WEL056*									
Porirua	WEL005	Johnsonville Porirua Motorway / Titahi Bay Rd	Porirua	1754930	5444242	30	SH	1	50	5
Wellington	WEL007	Wellington Urban Motorway / Bolton St	Lambton	1748501	5428612	15	SH	1	30	175
	WEL008	Rugby St / Sussex St	Mt Cook	1748917	5426328	15	SH	1	2	95

Site metadata summary

Monitoring zone	Site ID	Site name	Area	Easting	Northing	Distance to sensitive receptor (m)	Site type	State highway	Distance to SH (m)	Distance to local road (m)
	WEL027	Johnsonville Porirua Motorway / Helston Rd	Johnsonville	1751754	5435077	5	SH	1	100	5
	WEL031*	Vivian St / Victoria St (GWRC Corner V) * = triplicate site	Te Aro	1748455.1	5427079	15	SH	1	6.5	5
	WEL032*									
	WEL033*									
	WEL050	Wellington Rd / Hamilton Rd	Kilbirnie	1750102	5425039	2	SH	1	4	195
	WEL064	Johnsonville Porirua Motorway / Helston Rd	Johnsonville	1751625	5435095	7	SH	1	7	5
	WEL047	Karori Rd / Campbell St	Karori	1745617	5428203	10	Local	1	2895	1
	WEL049	Riddiford St / Mein St	Newtown	1748907	5425194	15	Local	1	1090	1
	WEL051	Miramar Ave / Hobart St	Miramar	1752043	5424476	3	Local	1	575	4
	WEL034*	GWRC Duncan Park * = triplicate site	Linden	1753584	5442139	18	Background	1	585	60
	WEL035*									
	WEL036*									
WEL048	Thames St	Island Bay	1748544	5422507	1	Background	1	2870	150	
Nelson	WEL009	Haven Rd / Queen Elizabeth II Dr	Nelson	1623243	5431540	40	SH	6	3	10
	WEL010	Whakatu Dr / Songer St	Stoke	1618638	5427252	10	SH	6	10	125
	WEL011	Richmond Deviation / Melia Pl	Richmond	1616187	5424131	10	SH	6	60	420
	WEL062	Totara St	Toi Toi	1622565	5429808	10	Background	6	1335	90
Blenheim	WEL012	Nelson St / McLauchlan St	Blenheim	1678828	5404333	20	SH	6	3	390
Christchurch	CHR002	Main North Rd / Queen Elizabeth II Dr	Redwood	1569019	5185272	30	SH	74	2	40
	CHR003	Yaldhurst Rd / Curletts Rd	Riccarton	1565126	5180169	30	SH	73	5	5
	CHR006	Rutherford St / Ferry Rd	Woolston	1574752	5177873	20	SH	74A	12	5
	CHR011	Main South Rd / Parker St	Hornby	1560924	5178620	15	SH	1	10	5
	CHR013	Main North Rd / Johns Rd	Belfast	1569958	5189023	6	SH	74 & 1	3	1695

Site metadata summary

Monitoring zone	Site ID	Site name	Area	Easting	Northing	Distance to sensitive receptor (m)	Site type	State highway	Distance to SH (m)	Distance to local road (m)
	CHR014	Brougham St / Waltham Rd	Waltham	1571458	5178310	8	SH	73	12	5
	CHR012	Memorial Ave / Grahams Rd	Burnside	1565320	5182825	10	Local	1	2195	1
	CHR015	Shirley Rd / North Pde	Shirley	1572768	5182715	12	Local	74	2005	10
	CHR016	Buckleys Rd / Norwich St	Linwood	1573683	5179994	7	Local	73	2150	3
	CHR017*	ECan Riccarton Rd * = triplicate site	Riccarton	1567570	5180276	50	Local	73	1900	5
	CHR018*									
	CHR019*									
	CHR004	Nash Rd	Hilmorton	1565311	5176435	60	Background	75	440	715
	CHR020*	ECan Coles Pl * = triplicate site	St Albans	1570393	5182343	40	Background	74	2545	155
	CHR021*									
CHR022*										
Greymouth	CHR001	Tainui St / School Lane	Greymouth	1452575	5298043	13	SH	6	1	175
Dunedin	DUN001	Cumberland St / Hanover St	Dunedin	1406666	4917299	30	SH	1	2	195
	DUN002	Dunedin Southern Motorway / Barnes Dr	Caversham	1404335	4914580	5	SH	1	40	150
	DUN006	Quarry Rd / Gladstone Rd	Mosgiel	1394721	4915218	30	SH	87	1	80
	DUN003	Dunedin Southern Motorway / Old Brighton Rd	Fairfield	1397755	4913692	10	Local	1	150	2
	DUN008	Stuart St / Strathmore Cres	Roslyn	1405367	4917609	5	Local	1	1310	10
	DUN009	Anderson Bay Rd / Bay View Rd	South Dunedin	1406779	4914351	20	Local	1	1215	2
	DUN007	Durham St	Mornington	1404084	4915951	3	Background	1	1470	50
Queenstown	DUN004	Stanley St / Sydney St	Queenstown	1258576	5004222	100	SH	6A	3	455
Invercargill	DUN005	Dee St / Don St	Invercargill	1242407	4849734	5	SH	6	1	265
	DUN010	Terrace St	Rosedale	1243428	4852255	10	Background	6	1130	50

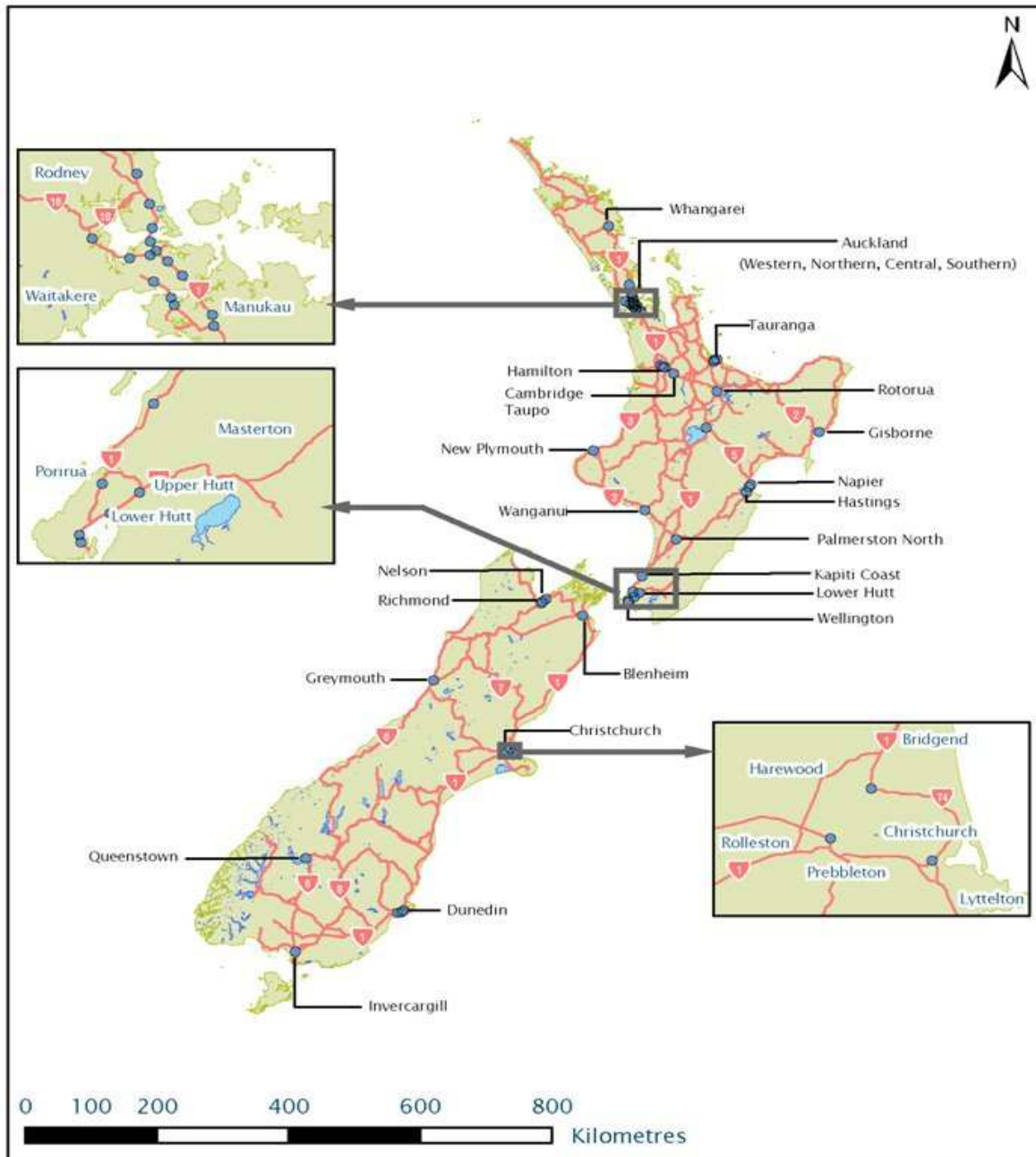


Figure 1: Map of the NZTA National Nitrogen Dioxide Monitoring Network in 2007

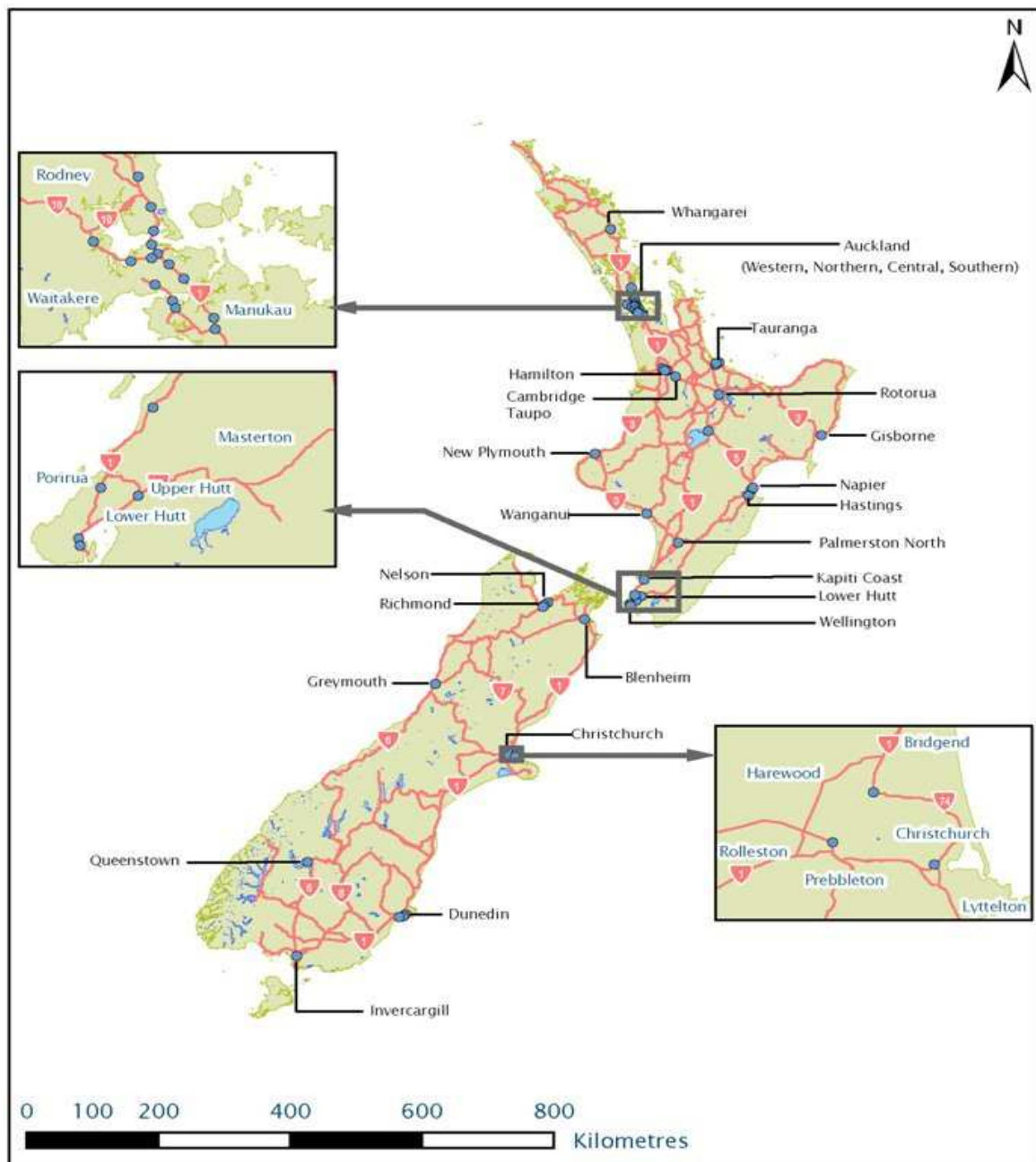


Figure 2: Map of the NZTA National Nitrogen Dioxide Monitoring Network in 2008

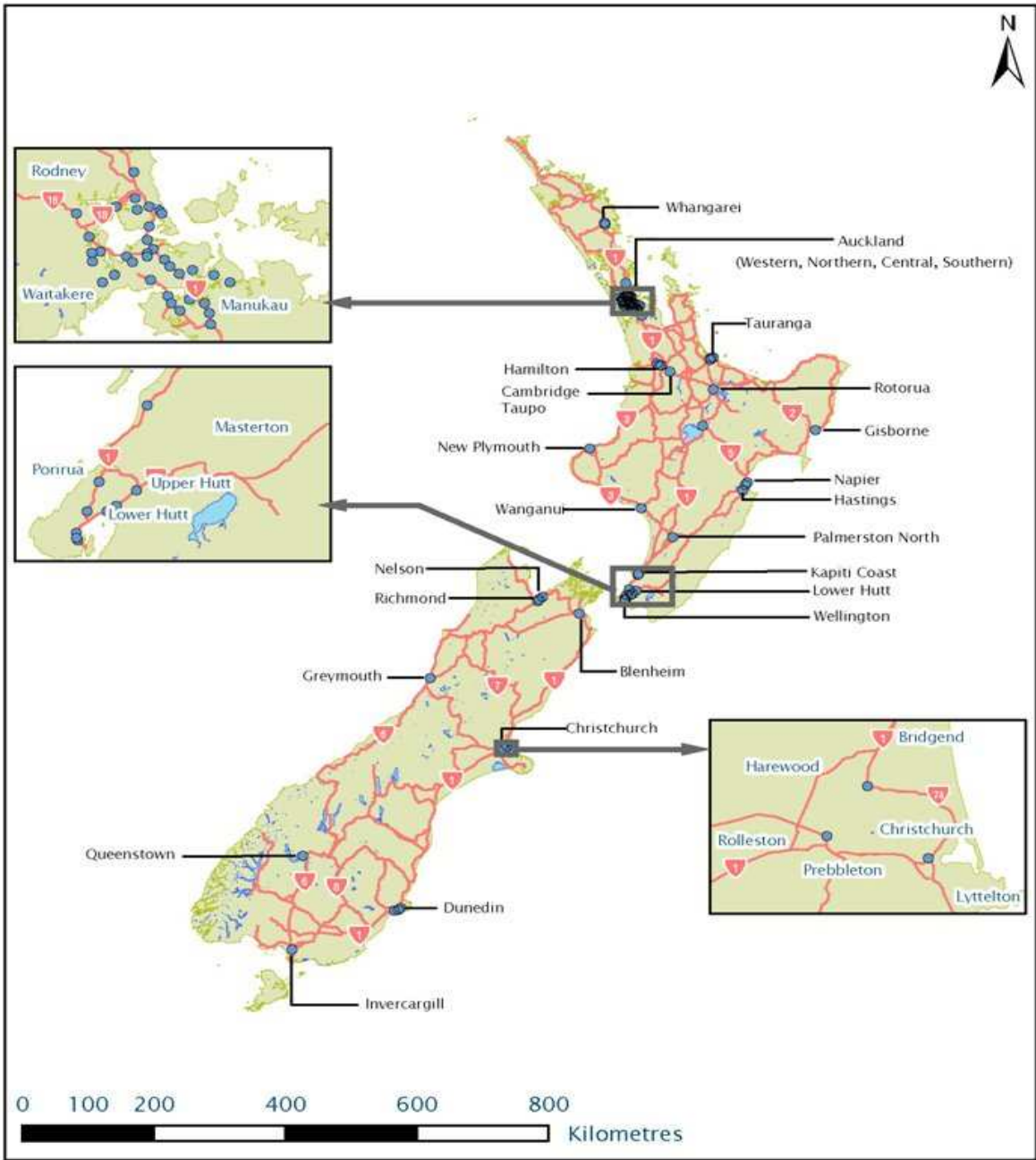


Figure 3: Map of the NZTA National Nitrogen Dioxide Monitoring Network in 2009

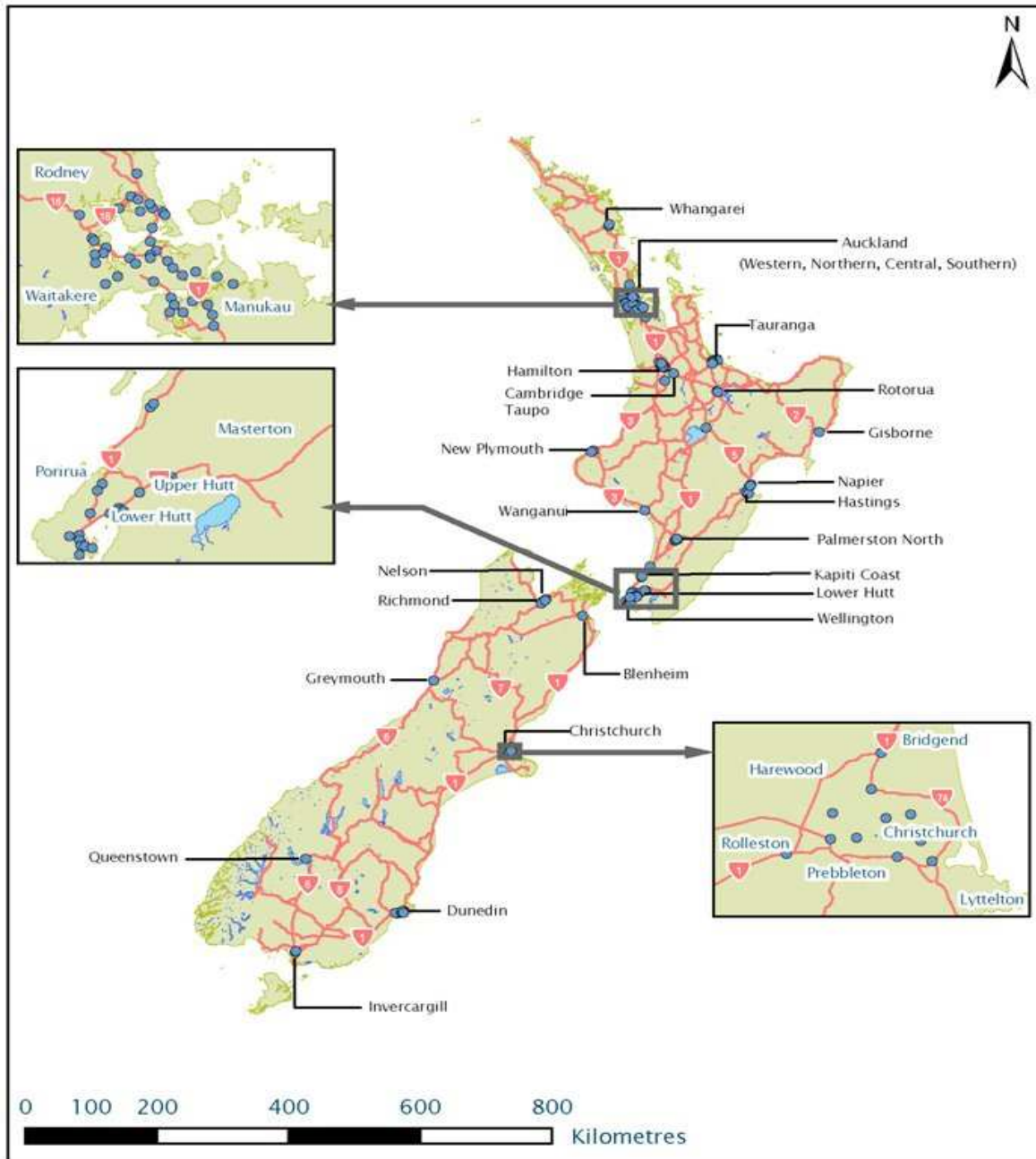


Figure 4: Map of the NZTA National Nitrogen Dioxide Monitoring Network in 2010

Monitoring Zone

Whangarei

Site Name

Selwyn Ave

Site Code

AUC001

Region & Monitoring Zone

Northland - Whangarei

Area

Woodhill

Site Type

SH

Source

Western Hills Dr

Site Location

Selwyn Ave
Woodhill, Whangarei

Map Reference

	Easting	Northing
NZMG	2629620	6607867

	Easting	Northing
NZTM	1717812	6048753

Nearest Sensitive Receptor & Location

Residential Housing
Western Hills Dr & Selwyn Ave

Distance (m)
10

Nearest SH & Local Road (m) with Direction

SH 1 1 W

LR 350 SW

National Network

Y

Intersection

Y

Other Site Information

-

Height Above Ground (m)

3.2

Nearest Tree (m)

20.0

Monitoring Note(s)

Jan-07 Commissioned



Site Name

Huia St

Site Code

AUC038

Region & Monitoring Zone

Northland - Whangarei

Area

Whau Valley

Site Type

Background

Source

-



Site Location

125 Whau Valley Rd
Whau Valley, Whangarei

Map Reference

	Easting	Northing
NZMG	2628530	6610570

	Easting	Northing
NZTM	1717812	6048753

Nearest Sensitive Receptor & Location

Residential Housing
Huia St

Distance (m)
10

Nearest SH & Local Road (m) with Direction

SH 1 880 NE

LR 95 NE

National Network

Y

Intersection

N

Other Site Information

Relocated to AUC171

Height Above Ground (m)

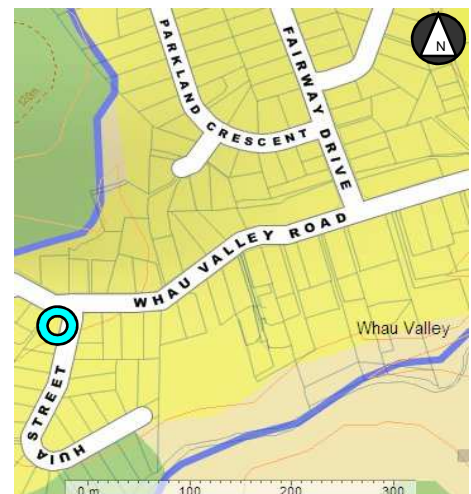
3.0

Nearest Tree (m)

10.0

Monitoring Note(s)

Jun-09	Commissioned
Jul-10	Decommissioned



Site Name

Korau Rd

Site Code

AUC171

Region & Monitoring Zone

Northland - Whangarei

Area

Tikipunga

Site Type

Background

Source

-



Site Location

7 Korau Rd
Tikipunga, Whangarei

Map Reference

	Easting	Northing
NZMG	2630896	6611323

	Easting	Northing
NZTM	1717812	6048753

Nearest Sensitive Receptor & Location

Residential Housing
Korau Rd

Distance (m)
5

Nearest SH & Local Road (m) with Direction

SH 1 1535 W

LR 80 W

National Network

Y

Intersection

N

Other Site Information

Relocated from AUC038

Height Above Ground (m)

3.0

Nearest Tree (m)

10.0

Monitoring Note(s)

Jul-10 Commissioned



Monitoring Zone

Auckland - Northern

Site Name

Tauranga Pl

Site Code

AUC004

Region & Monitoring Zone

Auckland - Northern

Area

Orewa

Site Type

SH

Source

Grand Dr

Site Location

Tauranga Pl
Orewa, Rodney



Map Reference

	Easting	Northing
NZMG	2660555	6511080

	Easting	Northing
NZTM	1717812	6048753

Nearest Sensitive Receptor & Location

Residential Housing
Tauranga Pl

Distance (m)
50

Nearest SH & Local Road (m) with Direction

SH 1A 1 N

LR 895 E

National Network

Y

Intersection

N

Other Site Information

Start of Alpur B

Height Above Ground (m)

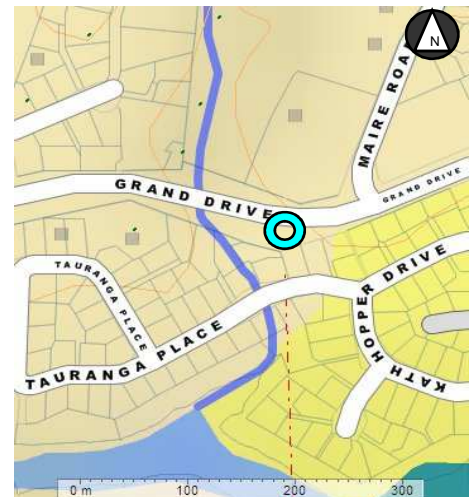
2.5

Nearest Tree (m)

10.0

Monitoring Note(s)

Jan-07 Commissioned



Site Name

Curry Ln

Site Code

AUC006

Region & Monitoring Zone

Auckland - Northern

Area

Westlake

Site Type

SH

Source

Northern Motorway



Site Location

133 Wairau Rd
Westlake, North Shore City

Map Reference

	Easting	Northing
NZMG	2665949	6490649

	Easting	Northing
NZTM	1717812	6048753

Nearest Sensitive Receptor & Location

Retail Area	Distance (m)
133 Wairau Rd	25

Nearest SH & Local Road (m) with Direction

SH 1	5	E	LR	35	N
------	---	---	----	----	---

National Network

Y

Intersection

Y

Other Site Information

Northern Busway. Tristram Ave off ramp 5m. SH1 45m.
Relocated to AUC170.

Height Above Ground (m)

3.0

Nearest Tree (m)

25.0

Montoring Note(s)

Jan-07	Commissioned
Jul-09	Decommissioned



Site Name

Sulphur Beach Rd

Site Code

AUC007

Region & Monitoring Zone

Auckland - Northern

Area

Northcote

Site Type

SH

Source

Northern Motorway

Site Location

Sulphur Beach Rd & Tennyson St
Northcote, North Shore City

Map Reference

	Easting	Northing
NZMG	2666507	6485635

	Easting	Northing
NZTM	1717812	6048753

Nearest Sensitive Receptor & Location

Residential Housing
Sulphur Beach Rd & Tennyson St

Distance (m)
5

Nearest SH & Local Road (m) with Direction

SH 1 11 E

LR 610 N

National Network

Y

Intersection

N

Other Site Information

Northern Busway. Stafford Rd off ramp 11m. SH1 30m.

Height Above Ground (m)

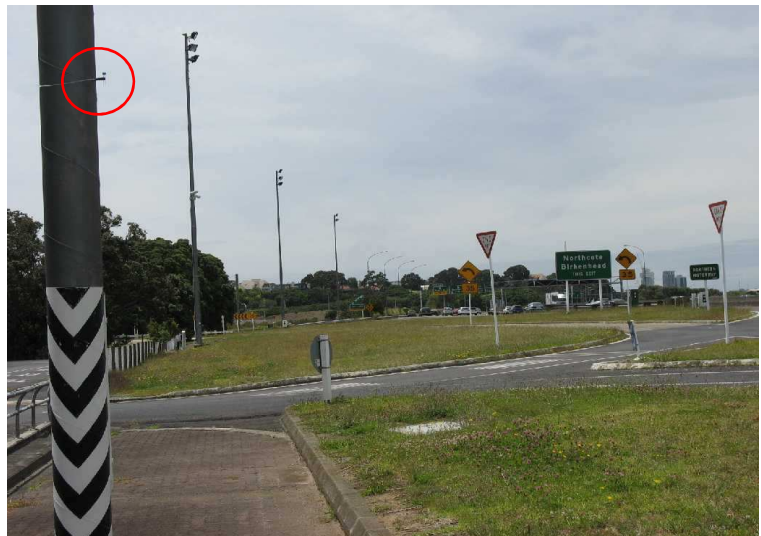
3.0

Nearest Tree (m)

10.0

Monitoring Note(s)

Jan-07 Commissioned



Site Name

Ashby Pl

Site Code

AUC039

Region & Monitoring Zone

Auckland - Northern

Area

Unsworth Heights

Site Type

SH

Source

Albany Highway

Site Location

2 Ashby Place
Unsworth Heights, North Shore City

Map Reference

	Easting	Northing
NZMG	2662473	6492209

	Easting	Northing
NZTM	1717812	6048753

Nearest Sensitive Receptor & Location

Residential Housing
Ashby Pl

Distance (m)
8

Nearest SH & Local Road (m) with Direction

SH 18 60 NW

LR 330 E

National Network

Y

Intersection

Y

Other Site Information

Albany Hwy on ramp 60m. SH1 100m.

Height Above Ground (m)

2.0

Nearest Tree (m)

10.0

Monitoring Note(s)

Apr-09 Commissioned



Site Name

William Pitcher Pl

Site Code

AUC040

Region & Monitoring Zone

Auckland - Northern

Area

Greenhithe

Site Type

SH

Source

Upper Harbour Dr

Site Location

2 William Pitcher Pl
Greenhithe, North Shore City

Map Reference

	Easting	Northing
NZMG	2660205	6489783

	Easting	Northing
NZTM	1717812	6048753

Nearest Sensitive Receptor & Location

Residential Housing
William Pitcher Pl

Distance (m)
15

Nearest SH & Local Road (m) with Direction

SH 18 12 NW

LR 270 W

National Network

Y

Intersection

Y

Other Site Information

Tauhinu Rd on ramp 12m. SH1 60m.

Height Above Ground (m)

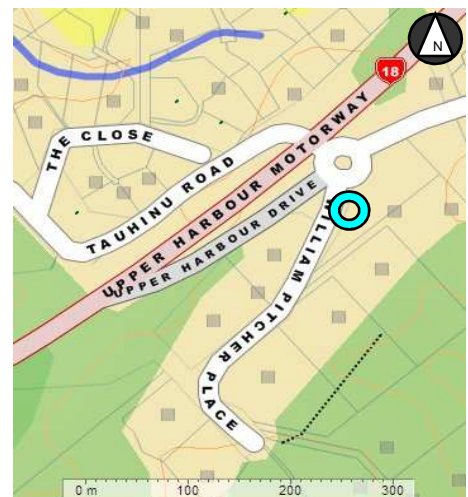
2.5

Nearest Tree (m)

10.0

Monitoring Note(s)

Apr-09 Commissioned



Site Name

Wairau Rd (AC Takapuna)

Site Code

AUC043 - AUC045

Region & Monitoring Zone

Auckland - Northern

Area

Takapuna

Site Type

SH

Source

Northern Motorway

Site Location

2 Wairau Rd
Takapuna, North Shore City



Map Reference

	Easting	Northing
NZMG	2666520	6489771

	Easting	Northing
NZTM	1717812	6048753

Nearest Sensitive Receptor & Location

Residential Housing
Wairau Rd /Westlake Girls High School

Distance (m)
50

Nearest SH & Local Road (m) with Direction

SH 1 50 W

LR 45 N

National Network

Y

Intersection

N

Other Site Information

AQ Station. Co-located in triplicate. Inside Westlake Girls High School.

Height Above Ground (m)

3.0

Nearest Tree (m)

5.0

Monitoring Note(s)

Apr-09 Commissioned



Site Name

Tristram Ave

Site Code

AUC170

Region & Monitoring Zone

Auckland - Northern

Area

Westlake

Site Type

SH

Source

Northern Motorway

Site Location

133 Wairau Rd
Westlake, North Shore City



Map Reference

	Easting	Northing
NZMG	2665934	6490675

	Easting	Northing
NZTM	1717812	6048753

Nearest Sensitive Receptor & Location

Retail Area	Distance (m)
133 Wairau Rd	25

Nearest SH & Local Road (m) with Direction

SH 1	5	E	LR	5	N
------	---	---	----	---	---

National Network

Y

Intersection

Y

Other Site Information

Northern Busway. Tristram Ave off ramp 5m. SH1 45m. Relocated from AUC006.

Height Above Ground (m)

3.0

Nearest Tree (m)

25.0

Monitoring Note(s)

Jul-09 Commissioned



Site Name

Fairview Ave

Site Code

AUC005

Region & Monitoring Zone

Auckland - Northern

Area

Albany

Site Type

Local

Source

Oteha Valley Rd

Site Location

Fairview Ave
Albany, North Shore City

Map Reference

	Easting	Northing
NZMG	2663528	6496869

	Easting	Northing
NZTM	1717812	6048753

Nearest Sensitive Receptor & Location

Fairview Retirement Village
21 Fairview Ave

Distance (m)
120

Nearest SH & Local Road (m) with Direction

SH 1 160 W

LR 2 S

National Network

Y

Intersection

N

Other Site Information

Northern Busway

Height Above Ground (m)

2.1

Nearest Tree (m)

6.0

Monitoring Note(s)

Feb-07 Commissioned



Site Name

Sunset Rd

Site Code

AUC041

Region & Monitoring Zone

Auckland - Northern

Area

Glenfield

Site Type

Local

Source

Glenfield Rd

Site Location

618 Glenfield Rd
Glenfield, North Shore City

Map Reference

	Easting	Northing
NZMG	2663844	6491482

	Easting	Northing
NZTM	1717812	6048753

Nearest Sensitive Receptor & Location

Residential Housing
Glenfield Rd

Distance (m)
5

Nearest SH & Local Road (m) with Direction

SH 18 1115 NW

LR 1 E

National Network

Y

Intersection

Y

Other Site Information

-

Height Above Ground (m)

3.0

Nearest Tree (m)

10.0

Monitoring Note(s)

Apr-09 Commissioned



Site Name

Service Ln

Site Code

AUC042

Region & Monitoring Zone

Auckland - Northern

Area

Takapuna

Site Type

Local

Source

Lake Rd

Site Location

486 Lake Rd
Takapuna, North Shore City



Map Reference

	Easting	Northing
NZMG	2668527	6488832

	Easting	Northing
NZTM	1717812	6048753

Nearest Sensitive Receptor & Location

Retail Area
Lake Rd

Distance (m)
5

Nearest SH & Local Road (m) with Direction

SH 1 1590 W

LR 1 W

National Network

Y

Intersection

N

Other Site Information

Previously monitored by NSCC

Height Above Ground (m)

3.0

Nearest Tree (m)

20.0

Monitoring Note(s)

Apr-09 Commissioned



Site Name

Esmonde Rd

Site Code

AUC046

Region & Monitoring Zone

Auckland - Northern

Area

Takapuna

Site Type

Local

Source

Lake Rd

Site Location

384 Lake Rd
Takapuna, North Shore City

Map Reference

	Easting	Northing
NZMG	2668876	6488287

	Easting	Northing
NZTM	1717812	6048753

Nearest Sensitive Receptor & Location

Residential Housing
Lake Rd

Distance (m)
5

Nearest SH & Local Road (m) with Direction

SH 1 1425 W

LR 2 SW

National Network

Y

Intersection

Y

Other Site Information

Previously monitored by NSCC

Height Above Ground (m)

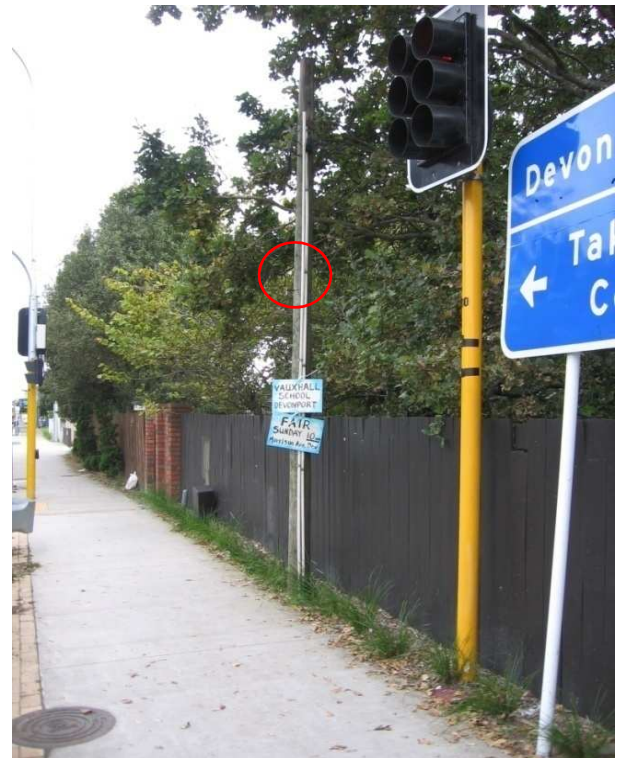
3.0

Nearest Tree (m)

1.0

Monitoring Note(s)

Apr-09 Commissioned



Site Name

Woodcote Dr

Site Code

AUC047

Region & Monitoring Zone

Auckland - Northern

Area

Marlborough

Site Type

Background

Source

-

Site Location

21 High Rd
Marlborough, North Shore City

Map Reference

	Easting	Northing
NZMG	2664145	6489081

	Easting	Northing
NZTM	1717812	6048753

Nearest Sensitive Receptor & Location

Residential Housing
High Rd

Distance (m)
10

Nearest SH & Local Road (m) with Direction

SH 1 2530 E

LR 60 W

National Network

Y

Intersection

N

Other Site Information

-

Height Above Ground (m)

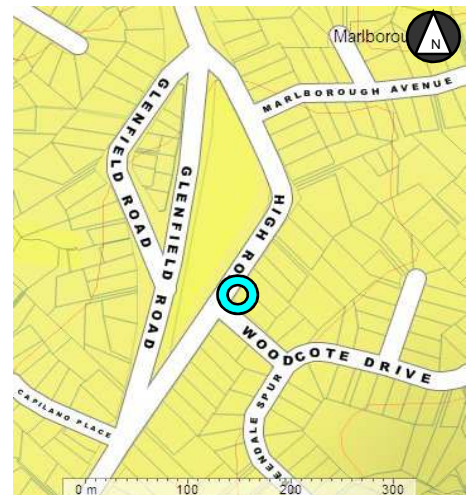
3.0

Nearest Tree (m)

5.0

Monitoring Note(s)

Apr-09 Commissioned



Monitoring Zone

Auckland - Western

Site Name

Cedar Heights Ave

Site Code

AUC020

Region & Monitoring Zone

Auckland - Western

Area

Massey East

Site Type

SH

Source

North Western Motorway

Site Location

7 Cedar Heights Ave
Massey East, Waitakere

Map Reference

	Easting	Northing
NZMG	2655038	6483515

	Easting	Northing
NZTM	1717812	6048753

Nearest Sensitive Receptor & Location

Residential Housing
Cedar Heights Ave

Distance (m)
10

Nearest SH & Local Road (m) with Direction

SH 16 90 W

LR 170 SW

National Network

Y

Intersection

N

Other Site Information

-

Height Above Ground (m)

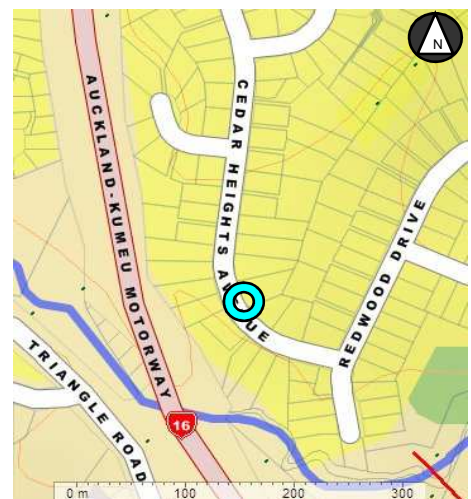
2.0

Nearest Tree (m)

10.0

Monitoring Note(s)

Jan-07 Commissioned



Site Name

Te Atatu Rd

Site Code

AUC048

Region & Monitoring Zone

Auckland - Western

Area

Te Atatu

Site Type

SH

Source

North Western Motorway

Site Location

Te Atatu Rd - Near On Ramp
Te Atatu, Waitakere

Map Reference

	Easting	Northing
NZMG	2657695	6481567

	Easting	Northing
NZTM	1717812	6048753

Nearest Sensitive Receptor & Location

Residential Housing
Titoki St

Distance (m)
40

Nearest SH & Local Road (m) with Direction

SH 18 2 W

LR 2 W

National Network

Y

Intersection

N

Other Site Information

Te Atatu Rd on ramp 2m. SH1 150m.

Height Above Ground (m)

3.0

Nearest Tree (m)

30.0

Monitoring Note(s)

Apr-09 Commissioned



Site Name

Carnegie Cres

Site Code

AUC049

Region & Monitoring Zone

Auckland - Western

Area

Hobsonville

Site Type

SH

Source

Hobsonville Rd

Site Location

429 Hobsonville Rd
Hobsonville, Waitakere

Map Reference

	Easting	Northing
NZMG	2657691	6488128

	Easting	Northing
NZTM	1717812	6048753

Nearest Sensitive Receptor & Location

Residential Housing
Carnegie Cres

Distance (m)
5

Nearest SH & Local Road (m) with Direction

SH 18 10 W

LR 710 W

National Network

Y

Intersection

N

Other Site Information

-

Height Above Ground (m)

3.0

Nearest Tree (m)

15.0

Monitoring Note(s)

Jul-09 Commissioned



Site Name

Kennedys Rd

Site Code

AUC050

Region & Monitoring Zone

Auckland - Western

Area

Whenuapai

Site Type

SH

Source

SH16

Site Location

220A SH16
Whenuapai, Waitakere



Map Reference

	Easting	Northing
NZMG	2652704	6488432

	Easting	Northing
NZTM	1717812	6048753

Nearest Sensitive Receptor & Location

Residential Housing
SH16

Distance (m)
7

Nearest SH & Local Road (m) with Direction

SH 16 4 NE

LR 155 SE

National Network

Y

Intersection

N

Other Site Information

-

Height Above Ground (m)

3.0

Nearest Tree (m)

4.0

Monitoring Note(s)

Apr-09 Commissioned



Site Name

Taitapu St

Site Code

AUC051

Region & Monitoring Zone

Auckland - Western

Area

Massey East

Site Type

SH

Source

North Western Motorway

Site Location

2 Taitapu St
Massey East, Waitakere

Map Reference

	Easting	Northing
NZMG	2655457	6483024

	Easting	Northing
NZTM	1717812	6048753

Nearest Sensitive Receptor & Location

Residential Housing
Taitapu St

Distance (m)
8

Nearest SH & Local Road (m) with Direction

SH 16 70 SW

LR 195 SW

National Network

Y

Intersection

N

Other Site Information

-

Height Above Ground (m)

2.0

Nearest Tree (m)

5.0

Monitoring Note(s)

Apr-09 Commissioned



Site Name

Hickory Ave

Site Code

AUC052

Region & Monitoring Zone

Auckland - Western

Area

Henderson

Site Type

Local

Source

Henderson Valley Rd

Site Location

26 Henderson Valley Rd
Henderson, Waitakere

Map Reference

	Easting	Northing
NZMG	2655614	6478512

	Easting	Northing
NZTM	1717812	6048753

Nearest Sensitive Receptor & Location

Residential Housing
Henderson Valley Rd

Distance (m)
15

Nearest SH & Local Road (m) with Direction

SH 16 3450 NE

LR 5 W

National Network

Y

Intersection

N

Other Site Information

-

Height Above Ground (m)

3.0

Nearest Tree (m)

3.0

Monitoring Note(s)

Apr-09 Commissioned



Site Name

Edmonton Rd

Site Code

AUC053

Region & Monitoring Zone

Auckland - Western

Area

Te Atatu South

Site Type

Local

Source

Te Atatu Rd

Site Location

237 Te Atatu Rd
Te Atatu South, Waitakere



Map Reference

	Easting	Northing
NZMG	2657266	6480529

	Easting	Northing
NZTM	1717812	6048753

Nearest Sensitive Receptor & Location

Residential Housing
Te Atatu Rd

Distance (m)
5

Nearest SH & Local Road (m) with Direction

SH 16 930 NE

LR 3 W

National Network

Y

Intersection

Y

Other Site Information

-

Height Above Ground (m)

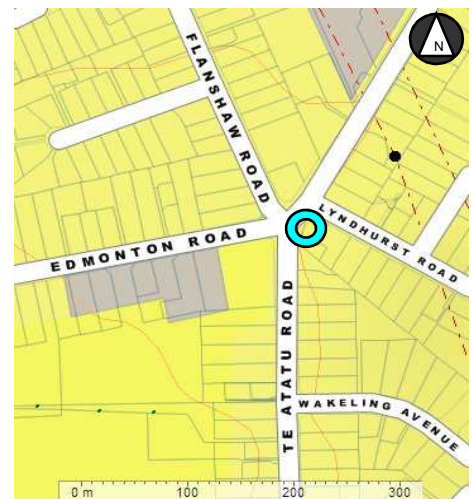
3.0

Nearest Tree (m)

4.0

Monitoring Note(s)

Apr-09 Commissioned



Site Name

Henderson Intermediate (AC Henderson)

Site Code

AUC054 - AUC056

Region & Monitoring Zone

Auckland - Western

Area

Henderson

Site Type

Local

Source

Lincoln Rd

Site Location

70 Lincoln Rd
Henderson, Waitakere



Map Reference

	Easting	Northing
NZMG	2655573	6480252

	Easting	Northing
NZTM	1717812	6048753

Nearest Sensitive Receptor & Location

Henderson Intermediate
70 Lincoln Rd

Distance (m)
20

Nearest SH & Local Road (m) with Direction

SH 16 2095 NE

LR 7 E

National Network

Y

Intersection

N

Other Site Information

AQ Station. Co-located in triplicate. Inside Henderson Intermediate.

Height Above Ground (m)

3.0

Nearest Tree (m)

8.0

Monitoring Note(s)

Apr-09 Commissioned



Site Name

Rata St

Site Code

AUC063

Region & Monitoring Zone

Auckland - Western

Area

New Lynn

Site Type

Local

Source

Great North Rd

Site Location

2 Rata St
New Lynn, Waitakere



Map Reference

	Easting	Northing
NZMG	2659865	6475658

	Easting	Northing
NZTM	1717812	6048753

Nearest Sensitive Receptor & Location

Residential Housing
Rata St

Distance (m)
3

Nearest SH & Local Road (m) with Direction

SH 20 4140 E

LR 10 S

National Network

Y

Intersection

Y

Other Site Information

-

Height Above Ground (m)

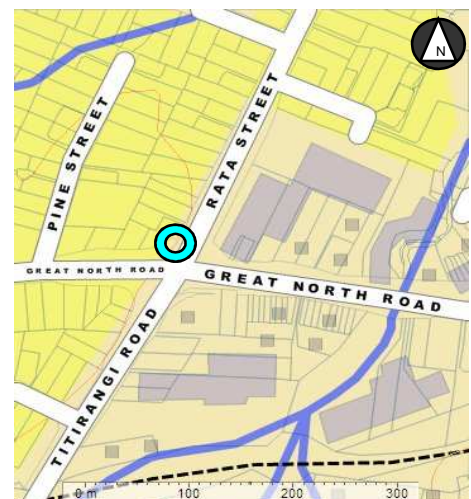
3.0

Nearest Tree (m)

3.0

Monitoring Note(s)

Apr-09 Commissioned



Site Name

AC Glen Eden

Site Code

AUC057 - AUC059

Region & Monitoring Zone

Auckland - Western

Area

Glen Eden

Site Type

Background

Source

-



Site Location

50 Meadowvale Rise
Glen Eden , Waitakere

Map Reference

	Easting	Northing
NZMG	2657567	6474197

	Easting	Northing
NZTM	1717812	6048753

Nearest Sensitive Receptor & Location

Residential Housing	Distance (m)
Meadowvale Rise	10

Nearest SH & Local Road (m) with Direction

SH 16	6160	NE	LR	250	W
-------	------	----	----	-----	---

National Network

Y

Intersection

N

Other Site Information

AQ Station. Co-located in triplicate. Inside Ceramco Park.

Height Above Ground (m)

3.0

Nearest Tree (m)

20.0

Monitoring Note(s)

Apr-09 Commissioned



Monitoring Zone

Auckland - Central

Site Name

St Mary's Bay Rd

Site Code

AUC008

Region & Monitoring Zone

Auckland - Central

Area

St Mary's Bay

Site Type

SH

Source

Northern Motorway

Site Location

82 St Mary's Bay Rd
St Mary's Bay, Auckland

Map Reference

	Easting	Northing
NZMG	2666098	6482839

	Easting	Northing
NZTM	1717812	6048753

Nearest Sensitive Receptor & Location

Residential Housing
St Mary's Bay Rd & Swift Ave

Distance (m)
10

Nearest SH & Local Road (m) with Direction

SH 1 70 NE

LR 280 W

National Network

Y

Intersection

N

Other Site Information

Victoria Park Tunnel Project

Height Above Ground (m)

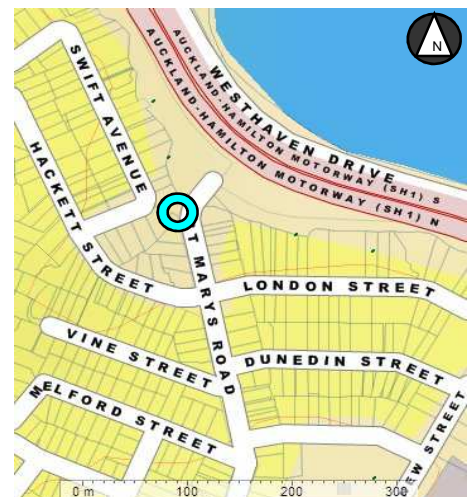
3.0

Nearest Tree (m)

10.0

Monitoring Note(s)

Jan-07 Commissioned



Site Name

Canada St

Site Code

AUC009

Region & Monitoring Zone

Auckland - Central

Area

Newton

Site Type

SH

Source

CMJ

Site Location

2 Canada St
Newton, Auckland

Map Reference

	Easting	Northing
NZMG	2667244	6480975

	Easting	Northing
NZTM	1717812	6048753

Nearest Sensitive Receptor & Location

Residential Housing
Canada St

Distance (m)
20

Nearest SH & Local Road (m) with Direction

SH 1 20 S

LR 130 E

National Network

Y

Intersection

N

Other Site Information

Central Motorway Junction 2 Project

Height Above Ground (m)

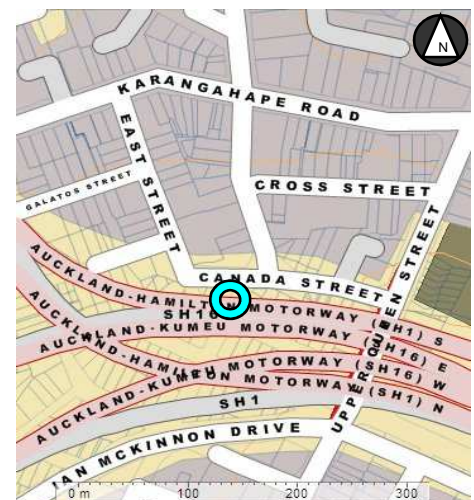
3.0

Nearest Tree (m)

20.0

Monitoring Note(s)

Jan-07 Commissioned



Site Name

Mt Hobson Rd

Site Code

AUC011

Region & Monitoring Zone

Auckland - Central

Area

Remuera

Site Type

SH

Source

Southern Motorway

Site Location

12 Mt Hobson Rd
Remuera, Auckland



Map Reference

	Easting	Northing
NZMG	2669398	6478800

	Easting	Northing
NZTM	1717812	6048753

Nearest Sensitive Receptor & Location

Residential Housing
Mt Hobson Rd

Distance (m)
10

Nearest SH & Local Road (m) with Direction

SH 1 10 W

LR 390 NE

National Network

Y

Intersection

N

Other Site Information

NMV Project

Height Above Ground (m)

2.0

Nearest Tree (m)

2.0

Monitoring Note(s)

Jan-07 Commissioned



Site Name

Gavin St b (MfE Penrose)

Site Code

AUC013 - AUC015

Region & Monitoring Zone

Auckland - Central

Area

Penrose

Site Type

SH

Source

Southern Motorway

Site Location

19 Gavin St
Penrose, Auckland



Map Reference

	Easting	Northing
NZMG	2672180	6475859

	Easting	Northing
NZTM	1717812	6048753

Nearest Sensitive Receptor & Location

Residential Housing
Gavin St

Distance (m)
45

Nearest SH & Local Road (m) with Direction

SH 1 100 SW

LR 210 NE

National Network

Y

Intersection

N

Other Site Information

AQ Station. Co-located in triplicate.

Height Above Ground (m)

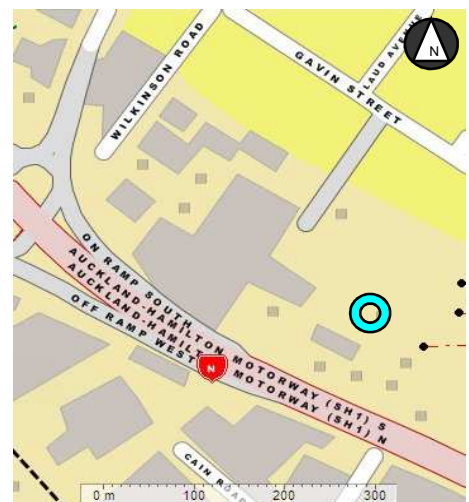
4.0

Nearest Tree (m)

15.0

Monitoring Note(s)

Jan-07 Commissioned



Site Name

Niger St

Site Code

AUC022

Region & Monitoring Zone

Auckland - Central

Area

Arch Hill

Site Type

SH

Source

North Western Motorway

Site Location

Opposite 10 Niger St
Arch Hill, Auckland

Map Reference

	Easting	Northing
NZMG	2666148	6480098



	Easting	Northing
NZTM	1717812	6048753

Nearest Sensitive Receptor & Location

Residential Housing
Niger St

Distance (m)
10

Nearest SH & Local Road (m) with Direction

SH 16 32 SE

LR 110 W

National Network

Y

Intersection

N

Other Site Information

Central Motorway Junction 2 Project

Height Above Ground (m)

2.0

Nearest Tree (m)

2.0

Monitoring Notes(s)

Jan-07 Commissioned



Site Name

Melrose Rd

Site Code

AUC025

Region & Monitoring Zone

Auckland - Central

Area

Hillsborough

Site Type

SH

Source

Hugh Watt Dr

Site Location

58 Melrose Rd
Hillsborough, Auckland

Map Reference

	Easting	Northing
NZMG	2666666	6474657

	Easting	Northing
NZTM	1717812	6048753

Nearest Sensitive Receptor & Location

Residential Housing
Melrose Rd

Distance (m)
5

Nearest SH & Local Road (m) with Direction

SH 20 40 NE

LR 215 NE

National Network

Y

Intersection

N

Other Site Information

Mt Roskill Project

Height Above Ground (m)

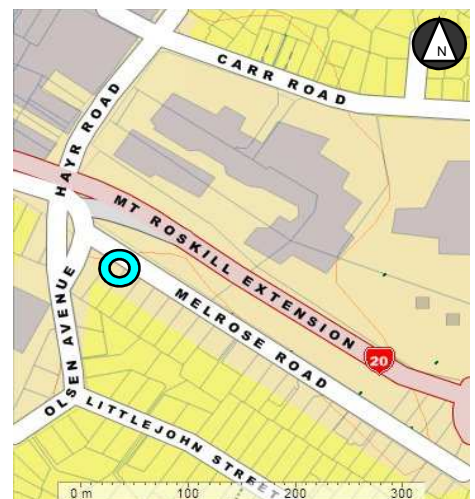
2.0

Nearest Tree (m)

2.0

Monitoring Notes(s)

Jan-07 Commissioned



Site Name

Mount Albert Rd

Site Code

AUC060

Region & Monitoring Zone

Auckland - Central

Area

Mt Albert

Site Type

Local

Source

New North Rd

Site Location

912 New North Rd
Mt Albert, Auckland

Map Reference

	Easting	Northing
NZMG	2663310	6478296

	Easting	Northing
NZTM	1717812	6048753

Nearest Sensitive Receptor & Location

Retail Area
Mount Albert Rd

Distance (m)
3

Nearest SH & Local Road (m) with Direction

SH 16 1515 N

LR 1 N

National Network

Y

Intersection

Y

Other Site Information

-

Height Above Ground (m)

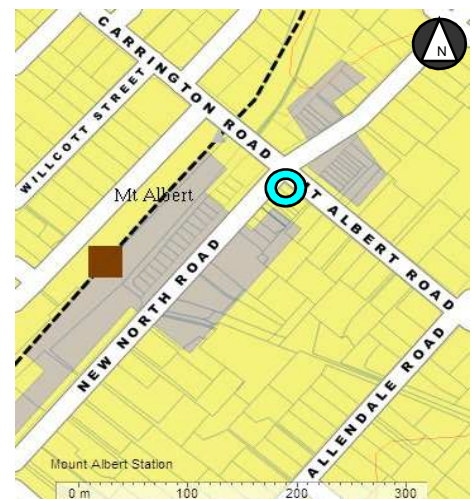
2.5

Nearest Tree (m)

20.0

Monitoring Note(s)

Apr-09 Commissioned



Site Name

Green Ln East

Site Code

AUC061

Region & Monitoring Zone

Auckland - Central

Area

Greenlane

Site Type

Local

Source

Great South Rd

Site Location

156 Green Ln East
Greenlane, Auckland

Map Reference

	Easting	Northing
NZMG	2670351	6477470

	Easting	Northing
NZTM	1717812	6048753

Nearest Sensitive Receptor & Location

Retail Area
Green Ln East

Distance (m)
8

Nearest SH & Local Road (m) with Direction

SH 1 255 NE

LR 2 NW

National Network

Y

Intersection

Y

Other Site Information

-

Height Above Ground (m)

3.0

Nearest Tree (m)

20.0

Monitoring Note(s)

Apr-09 Commissioned



Site Name

Mountain Rd

Site Code

AUC062

Region & Monitoring Zone

Auckland - Central

Area

Panmure

Site Type

Local

Source

Ellerslie Panmure Highway

Site Location

2 Mountain Rd
Panmure, Auckland

Map Reference

	Easting	Northing
NZMG	2674732	6476629

	Easting	Northing
NZTM	1717812	6048753

Nearest Sensitive Receptor & Location

Residential Housing
Mountain Rd

Distance (m)
10

Nearest SH & Local Road (m) with Direction

SH 1 2300 SW

LR 3 S

National Network

Y

Intersection

N

Other Site Information

-

Height Above Ground (m)

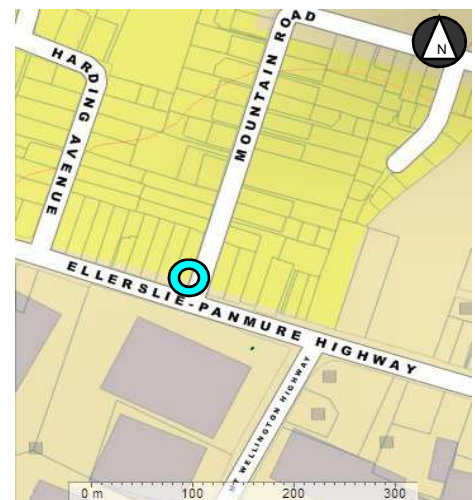
2.5

Nearest Tree (m)

10.0

Monitoring Note(s)

Apr-09 Commissioned



Site Name

Kowhai Intermediate (MfE Kingsland)

Site Code

AUC064

Region & Monitoring Zone

Auckland - Central

Area

Kingsland

Site Type

Local

Source

Sandringham Rd

Site Location

2 Sanringham Rd
Kingsland, Auckland

Map Reference

	Easting	Northing
NZMG	2666122	6479510

	Easting	Northing
NZTM	1717812	6048753

Nearest Sensitive Receptor & Location

Kowhai Intermediate
2 Sanringham Rd

Distance (m)
2

Nearest SH & Local Road (m) with Direction

SH 16 470 N

LR 4 W

National Network

Y

Intersection

N

Other Site Information

Old AQ Station. Near Kowhai Intermediate.

Height Above Ground (m)

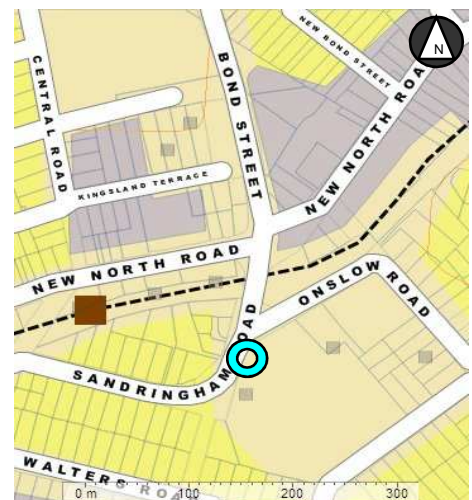
3.0

Nearest Tree (m)

5.0

Monitoring Note(s)

Apr-09 Commissioned



Site Name

Mangere Rd

Site Code

AUC071

Region & Monitoring Zone

Auckland - Central

Area

Otahuhu

Site Type

Local

Source

Mangere Rd

Site Location

84 Walmsley Rd
Otahuhu, Auckland

Map Reference

	Easting	Northing
NZMG	2674098	6470602

	Easting	Northing
NZTM	1717812	6048753

Nearest Sensitive Receptor & Location

Residential Housing
Walmsley Rd

Distance (m)
3

Nearest SH & Local Road (m) with Direction

SH 1 1670 E

LR 1 W

National Network

Y

Intersection

Y

Other Site Information

-

Height Above Ground (m)

3.0

Nearest Tree (m)

5.0

Monitoring Note(s)

Apr-09 Commissioned



Site Name

Waterbank Cres

Site Code

AUC021

Region & Monitoring Zone

Auckland - Central

Area

Waterview

Site Type

Background

Source

-

Site Location

18 Waterbank Cres
Waterview, Auckland

Map Reference

	Easting	Northing
NZMG	2662113	6479451

	Easting	Northing
NZTM	1717812	6048753

Nearest Sensitive Receptor & Location

Residential Housing
Waterbank Cres

Distance (m)
10

Nearest SH & Local Road (m) with Direction

SH 16 150 N

LR 260 E

National Network

Y

Intersection

N

Other Site Information

Moved across the road (15m W) Sep-09.

Height Above Ground (m)

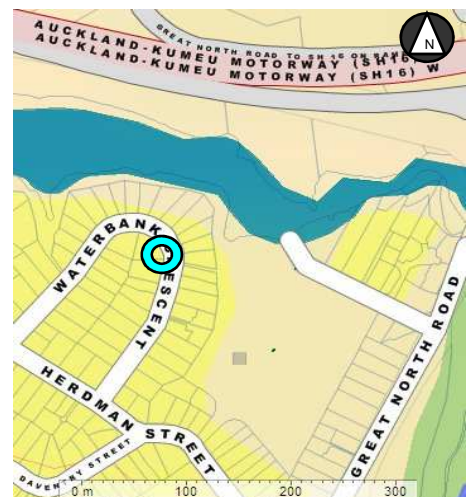
2.0

Nearest Tree (m)

2.0

Monitoring Notes(s)

Jan-07 Commissioned



Monitoring Zone

Auckland - Southern

Site Name

Waimate St

Site Code

AUC018

Region & Monitoring Zone

Auckland - Southern

Area

Flat Bush

Site Type

SH

Source

Southern Motorway

Site Location

21 Waimate St
Flat Bush, Manukau



Map Reference

	Easting	Northing
NZMG	2677870	6467724

	Easting	Northing
NZTM	1717812	6048753

Nearest Sensitive Receptor & Location

Residential Housing
Waimate St

Distance (m)
20

Nearest SH & Local Road (m) with Direction

SH 1 60 W

LR 250 E

National Network

Y

Intersection

N

Other Site Information

-

Height Above Ground (m)

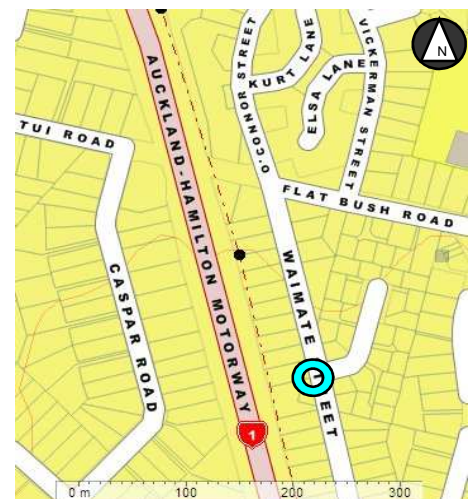
3.0

Nearest Tree (m)

20.0

Monitoring Note(s)

Jan-07 Commissioned



Site Name

Liggett Dr

Site Code

AUC019

Region & Monitoring Zone

Auckland - Southern

Area

Manukau

Site Type

SH

Source

Southern Motorway

Site Location

Liggett Dr
Manukau, Manukau

Map Reference

	Easting	Northing
NZMG	2678116	6465479

	Easting	Northing
NZTM	1717812	6048753

Nearest Sensitive Receptor & Location

Retirement Village
Liggett Dr

Distance (m)
10

Nearest SH & Local Road (m) with Direction

SH 1 100 NE

LR 60 E

National Network

Y

Intersection

N

Other Site Information

SH20 to SH1 Manukau Extension. Manukau off ramp 100m. S

Height Above Ground (m)

2.0

Nearest Tree (m)

5.0

Monitoring Note(s)

Jan-07 Commissioned



Site Name

Hastie Ave

Site Code

AUC026

Region & Monitoring Zone

Auckland - Southern

Area

Mangere Bridge

Site Type

SH

Source

South Western Motorway

Site Location

24 Hastie Ave
Mangere Bridge, Manukau

Map Reference

	Easting	Northing
NZMG	2669984	6471354

	Easting	Northing
NZTM	1717812	6048753

Nearest Sensitive Receptor & Location

Residential Housing
Hastie Ave

Distance (m)
5

Nearest SH & Local Road (m) with Direction

SH 20 25 E

LR 270 E

National Network

Y

Intersection

N

Other Site Information

Manukau Harbour Crossing Project. Previously monitored by ARC

Height Above Ground (m)

3.0

Nearest Tree (m)

5.0

Monitoring Notes(s)

Jan-07 Commissioned



Site Name

Ashmore Pl

Site Code

AUC027

Region & Monitoring Zone

Auckland - Southern

Area

Mangere

Site Type

SH

Source

South Western Motorway

Site Location

17 Ashmore Pl
Mangere, Manukau

Map Reference

	Easting	Northing
NZMG	2670600	6469774

	Easting	Northing
NZTM	1717812	6048753

Nearest Sensitive Receptor & Location

Residential Housing
Ashmore Pl

Distance (m)
5

Nearest SH & Local Road (m) with Direction

SH 20 20 W

LR 490 E

National Network

Y

Intersection

N

Other Site Information

-

Height Above Ground (m)

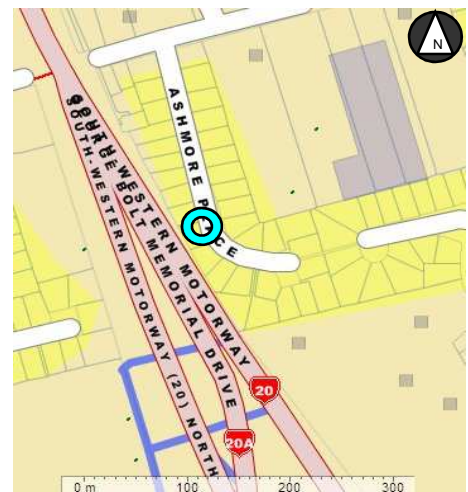
2.0

Nearest Tree (m)

10.0

Monitoring Notes(s)

Jan-07 Commissioned



Site Name

Ensor Pl

Site Code

AUC067

Region & Monitoring Zone

Auckland - Southern

Area

Mangere East

Site Type

SH

Source

South Western Motorway

Site Location

5 Ensor Pl
Mangere East, Manukau



Map Reference

	Easting	Northing
NZMG	2672252	6468208

	Easting	Northing
NZTM	1717812	6048753

Nearest Sensitive Receptor & Location

Residential Housing
Ensor Pl

Distance (m)
6

Nearest SH & Local Road (m) with Direction

SH 20 20 W

LR 85 NW

National Network

Y

Intersection

N

Other Site Information

Massey Rd on ramp 20m. SH20 40m.

Height Above Ground (m)

3.0

Nearest Tree (m)

5.0

Monitoring Note(s)

Jul-09 Commissioned



Site Name

Kirkbride Rd

Site Code

AUC068

Region & Monitoring Zone

Auckland - Southern

Area

Mangere

Site Type

SH

Source

George Bolt Dr

Site Location

244 Kirkbride Rd
Mangere, Manukau

Map Reference

	Easting	Northing
NZMG	2669701	6468243

	Easting	Northing
NZTM	1717812	6048753

Nearest Sensitive Receptor & Location

Mangere Central School
244 Kirkbride Rd

Distance (m)
10

Nearest SH & Local Road (m) with Direction

SH 20A 2 W

LR 2 S

National Network

Y

Intersection

Y

Other Site Information

-

Height Above Ground (m)

3.0

Nearest Tree (m)

15.0

Monitoring Note(s)

Jul-09 Commissioned



Site Name

Otara Rd

Site Code

AUC069

Region & Monitoring Zone

Auckland - Southern

Area

Otara

Site Type

Local

Source

Bairds Rd

Site Location

36 Otara Rd
Otara, Manukau

Map Reference

	Easting	Northing
NZMG	2676946	6469774

	Easting	Northing
NZTM	1717812	6048753

Nearest Sensitive Receptor & Location

Congregational Church
36 Otara Rd

Distance (m)
5

Nearest SH & Local Road (m) with Direction

SH 1 605 SW

LR 10 N

National Network

Y

Intersection

Y

Other Site Information

-

Height Above Ground (m)

3.0

Nearest Tree (m)

3.0

Monitoring Note(s)

Apr-09 Commissioned



Site Name

Dominion Rd

Site Code

AUC070

Region & Monitoring Zone

Auckland - Southern

Area

Papakura

Site Type

Local

Source

Dominion Rd

Site Location

136 Settlement Rd
Papakura, Manukau



Map Reference

	Easting	Northing
NZMG	2685128	6457727

	Easting	Northing
NZTM	1717812	6048753

Nearest Sensitive Receptor & Location

Residential Housing
Settlement Rd

Distance (m)
25

Nearest SH & Local Road (m) with Direction

SH 1 3440 W

LR 5 W

National Network

Y

Intersection

N

Other Site Information

-

Height Above Ground (m)

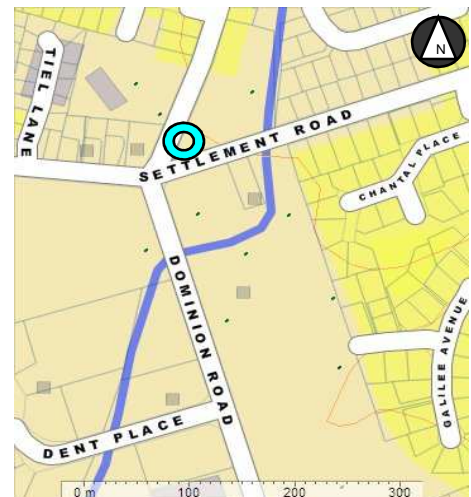
2.5

Nearest Tree (m)

12.0

Monitoring Note(s)

Apr-09 Commissioned



Site Name

Bell Reserve (AC Pakuranga)

Site Code

AUC072

Region & Monitoring Zone

Auckland - Southern

Area

Pakuranga

Site Type

Local

Source

Pakuranga Rd

Site Location

264A Pakuranga Rd
Pakuranga, Manukau



Map Reference

	Easting	Northing
NZMG	2678835	6475617

	Easting	Northing
NZTM	1717812	6048753

Nearest Sensitive Receptor & Location

Residential Housing
Pakuranga Rd

Distance (m)
5

Nearest SH & Local Road (m) with Direction

SH 1 4320 W

LR 3 S

National Network

Y

Intersection

N

Other Site Information

AQ Station. Inside Bell Reserve.

Height Above Ground (m)

3.0

Nearest Tree (m)

8.0

Monitoring Note(s)

Apr-09 Commissioned



Site Name

AC Botany

Site Code

AUC073

Region & Monitoring Zone

Auckland - Southern

Area

Botany

Site Type

Background

Source

-

Site Location

14 Oakridge Way
Botany, Manukau

Map Reference

	Easting	Northing
NZMG	2681790	6474028

	Easting	Northing
NZTM	1717812	6048753

Nearest Sensitive Receptor & Location

Our Lady Star of the Sea School
14 Oakridge Way

Distance (m)
10

Nearest SH & Local Road (m) with Direction

SH 1 7040 W

LR 250 SE

National Network

Y

Intersection

N

Other Site Information

AQ Station. Inside Our Lady Star of the Sea School.

Height Above Ground (m)

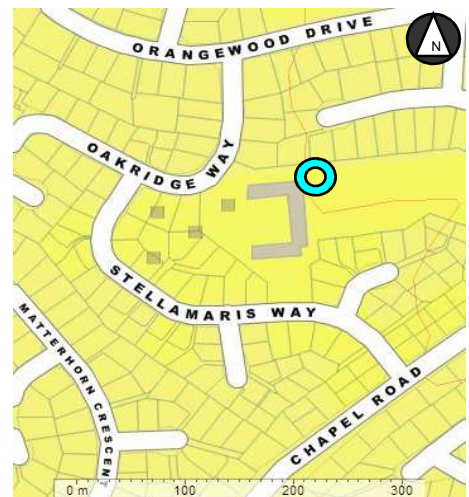
3.0

Nearest Tree (m)

5.0

Monitoring Note(s)

Apr-09 Commissioned



Monitoring Zone
Hamilton

Site Name

Morrinsville Rd

Site Code

HAM001

Region & Monitoring Zone

Waikato - Hamilton

Area

Hillcrest

Site Type

SH

Source

Cambridge Rd

Site Location

218 Cambridge Rd
Hillcrest, Hamilton

Map Reference

	Easting	Northing
NZMG	2714657	6375348

	Easting	Northing
NZTM	1717812	6048753

Nearest Sensitive Receptor & Location

Hillcrest Normal School
218 Cambridge Rd

Distance (m)
40

Nearest SH & Local Road (m) with Direction

SH 1 3 N

LR 240 W

National Network

Y

Intersection

N

Other Site Information

Near Hillcrest Normal School

Height Above Ground (m)

3.8

Nearest Tree (m)

3.8

Monitoring Note(s)

Jan-07 Commissioned



Site Name

Grandview Rd

Site Code

HAM002

Region & Monitoring Zone

Waikato - Hamilton

Area

Nawton

Site Type

SH

Source

Avalon Dr

Site Location

64 Avalon Dr
Nawton, Hamilton

Map Reference

	Easting	Northing
NZMG	2708009	6378372

	Easting	Northing
NZTM	1717812	6048753

Nearest Sensitive Receptor & Location

Residential Housing
Grandview Rd

Distance (m)
40

Nearest SH & Local Road (m) with Direction

SH 1 3 SW

LR 20 N

National Network

Y

Intersection

Y

Other Site Information

-

Height Above Ground (m)

2.6

Nearest Tree (m)

21.8

Monitoring Note(s)

Jan-07 Commissioned



Site Name

Ohaupo Rd

Site Code

HAM003

Region & Monitoring Zone

Waikato - Hamilton

Area

Melville

Site Type

SH

Source

Lorne St

Site Location

2 Lorne St
Melville, Hamilton

Map Reference

	Easting	Northing
NZMG	2710997	6374644

	Easting	Northing
NZTM	1717812	6048753

Nearest Sensitive Receptor & Location

Retail Area
Ohaupo Rd

Distance (m)
2

Nearest SH & Local Road (m) with Direction

SH 1 & 3 1 N

LR 5 W

National Network

Y

Intersection

Y

Other Site Information

Near Waikato Public Hospital (350m NE)

Height Above Ground (m)

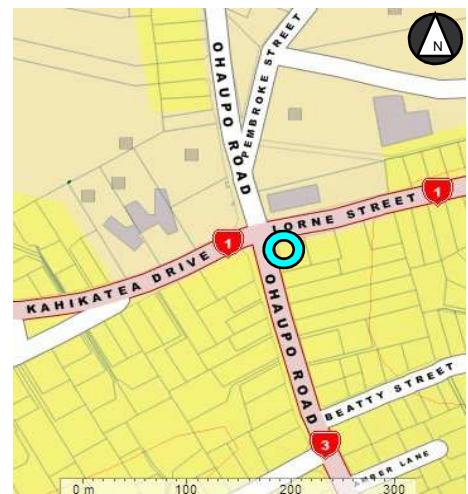
2.9

Nearest Tree (m)

23.0

Monitoring Note(s)

Jan-07 Commissioned



Site Name

Ann Michele St

Site Code

HAM012

Region & Monitoring Zone

Waikato - Hamilton

Area

Pukete

Site Type

SH

Source

Te Rapa Rd



Site Location

1 Ann Michele St
Pukete, Hamilton

Map Reference

	Easting	Northing
NZMG	2705979	6382998

	Easting	Northing
NZTM	1717812	6048753

Nearest Sensitive Receptor & Location

Residential Housing
Ann Michele St

Distance (m)
8

Nearest SH & Local Road (m) with Direction

SH 1 4 E

LR 910 NE

National Network

Y

Intersection

N

Other Site Information

-

Height Above Ground (m)

2.8

Nearest Tree (m)

20.0

Monitoring Note(s)

Apr-10 Commissioned



Site Name

Killarney Rd

Site Code

HAM013

Region & Monitoring Zone

Waikato - Hamilton

Area

Frankton

Site Type

SH

Source

Greenwood St

Site Location

10 Greenwood St
Frankton, Hamilton

Map Reference

	Easting	Northing
NZMG	2709300	6376176

	Easting	Northing
NZTM	1717812	6048753

Nearest Sensitive Receptor & Location

Residential Housing
Killarney Rd

Distance (m)
10

Nearest SH & Local Road (m) with Direction

SH 1 1 W

LR 1 S

National Network

Y

Intersection

Y

Other Site Information

-

Height Above Ground (m)

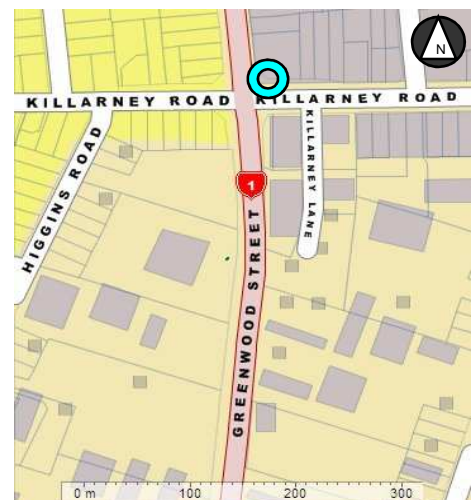
2.8

Nearest Tree (m)

10.0

Monitoring Note(s)

Apr-10 Commissioned



Site Name

Ulster St

Site Code

HAM014

Region & Monitoring Zone

Waikato - Hamilton

Area

Beerescourt

Site Type

Local

Source

Victoria St

Site Location

1370 Victoria St
Beerescourt, Hamilton



Map Reference

	Easting	Northing
NZMG	2709543	6378964

	Easting	Northing
NZTM	1717812	6048753

Nearest Sensitive Receptor & Location

Residential Housing
Victoria St

Distance (m)
31

Nearest SH & Local Road (m) with Direction

SH 1 1670 SW

LR 1 S

National Network

Y

Intersection

Y

Other Site Information

-

Height Above Ground (m)

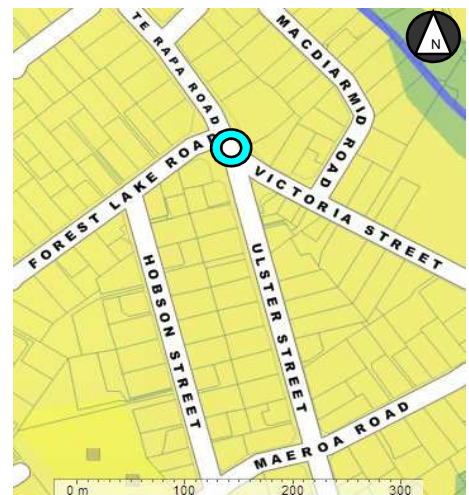
2.2

Nearest Tree (m)

10.0

Monitoring Note(s)

Apr-10 Commissioned



Site Name

Peachgrove Rd

Site Code

HAM015

Region & Monitoring Zone

Waikato - Hamilton

Area

Claudlands

Site Type

Local

Source

Brooklyn Rd

Site Location

23 Brooklyn Rd
Claudlands, Hamilton

Map Reference

	Easting	Northing
NZMG	2712231	6378544

	Easting	Northing
NZTM	1717812	6048753

Nearest Sensitive Receptor & Location

Residential Housing
Brooklyn Rd

Distance (m)
20

Nearest SH & Local Road (m) with Direction

SH 1 3400 S

LR 3 N

National Network

Y

Intersection

Y

Other Site Information

-

Height Above Ground (m)

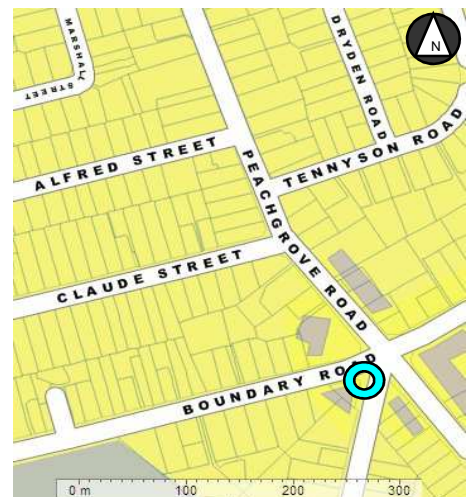
2.7

Nearest Tree (m)

10.0

Monitoring Note(s)

Apr-10 Commissioned



Site Name

Cobham Dr

Site Code

HAM016

Region & Monitoring Zone

Waikato - Hamilton

Area

Hamilton West

Site Type

Local

Source

Bridge St

Site Location

83 Anglesea St
Hamilton West, Hamilton

Map Reference

	Easting	Northing
NZMG	2711466	6376236

	Easting	Northing
NZTM	1717812	6048753

Nearest Sensitive Receptor & Location

Residential Housing
Anglesea St

Distance (m)
7

Nearest SH & Local Road (m) with Direction

SH 1 1190 S

LR 1 SE

National Network

Y

Intersection

Y

Other Site Information

-

Height Above Ground (m)

2.6

Nearest Tree (m)

10.0

Monitoring Note(s)

Apr-10 Commissioned



Site Name

Seamer Pl

Site Code

HAM017

Region & Monitoring Zone

Waikato - Hamilton

Area

St Andrews

Site Type

Background

Source

-



Site Location

19 Seamer Pl
St Andrews, Hamilton

Map Reference

	Easting	Northing
NZMG	2708938	6380769

	Easting	Northing
NZTM	1717812	6048753

Nearest Sensitive Receptor & Location

Residential Housing
Seamer Pl

Distance (m)
10

Nearest SH & Local Road (m) with Direction

SH 1 1665 W

LR 93 E

National Network

Y

Intersection

N

Other Site Information

-

Height Above Ground (m)

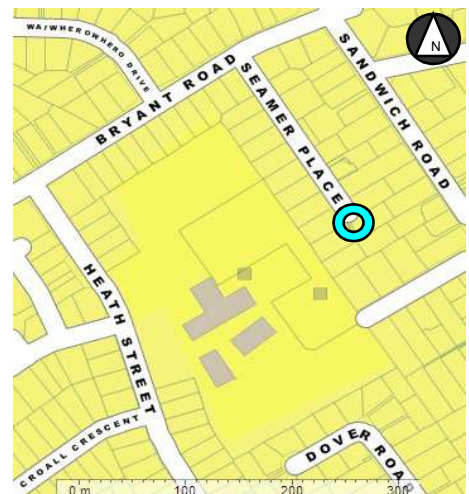
2.9

Nearest Tree (m)

8.0

Monitoring Note(s)

Apr-10 Commissioned



Monitoring Zone
Cambridge

Site Name

Queen St

Site Code

HAM004

Region & Monitoring Zone

Waikato - Cambridge

Area

Cambridge

Site Type

SH

Source

Victoria St

Site Location

78 Victoria St
Cambridge



Map Reference

	Easting	Northing
NZMG	2727212	6364959

	Easting	Northing
NZTM	1717812	6048753

Nearest Sensitive Receptor & Location

Food Complex
78 Queen St

Distance (m)
15

Nearest SH & Local Road (m) with Direction

SH 1 1 S

LR 30 W

National Network

Y

Intersection

Y

Other Site Information

-

Height Above Ground (m)

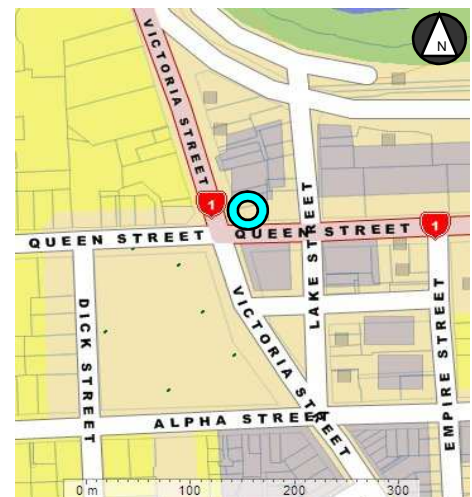
2.9

Nearest Tree (m)

23.4

Monitoring Note(s)

Jan-07 Commissioned



Monitoring Zone

Te Awamutu

Site Name

Albert Park Dr

Site Code

HAM022

Region & Monitoring Zone

Waikato - Te Awamutu

Area

Te Awamutu

Site Type

SH

Source

Ohaupo Rd

Site Location

45 Ohaupo Rd

Te Awamutu

Map Reference

	Easting	Northing
NZMG	2714699	6352469

	Easting	Northing
NZTM	1717812	6048753

Nearest Sensitive Receptor & Location

Residential Housing

Ohaupo Rd

Distance (m)

5

Nearest SH & Local Road (m) with Direction

SH 3 1 NE

LR 80 S

National Network

Y

Intersection

Y

Other Site Information

-

Height Above Ground (m)

3.0

Nearest Tree (m)

10.0

Monitoring Note(s)

May-10 Commissioned



Monitoring Zone

Taupo

Site Name

Norman Smith St

Site Code

HAM005

Region & Monitoring Zone

Waikato - Taupo

Area

Taupo

Site Type

SH

Source

Tongariro St

Site Location

Intersection of Norman Smith St & Tongariro St
Taupo

Map Reference

	Easting	Northing
NZMG	2777082	6275859

	Easting	Northing
NZTM	1717812	6048753

Nearest Sensitive Receptor & Location

Residential Housing
Sinton Row

Distance (m)
60

Nearest SH & Local Road (m) with Direction

SH 1 2 E

LR 5 W

National Network

Y

Intersection

Y

Other Site Information

-

Height Above Ground (m)

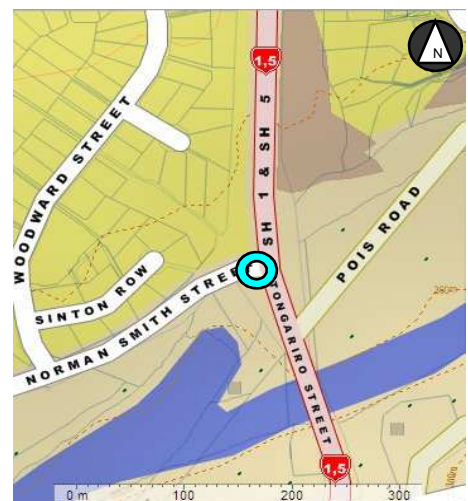
3.5

Nearest Tree (m)

24.0

Monitoring Note(s)

Jan-07 Commissioned



Monitoring Zone

Tauranga

Site Name

Cameron Rd

Site Code

HAM007

Region & Monitoring Zone

Bay of Plenty - Tauranga

Area

Tauranga South

Site Type

SH

Source

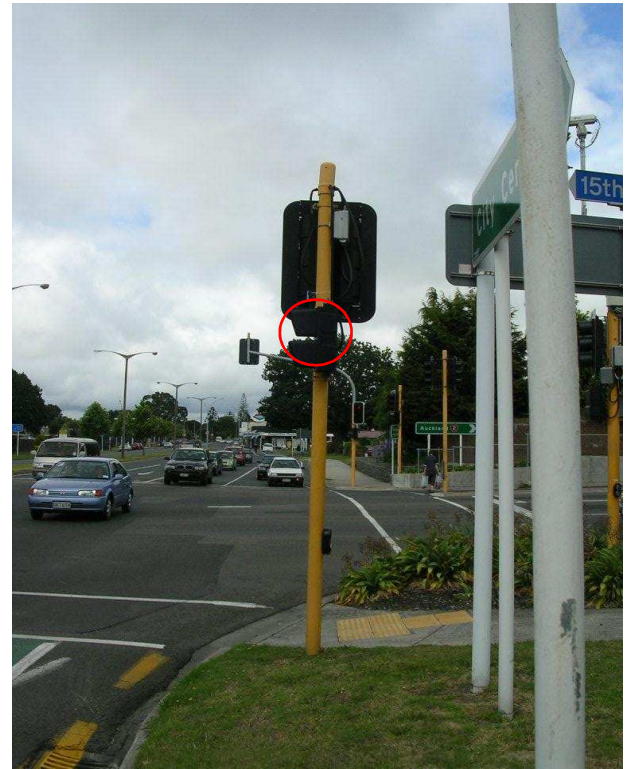
Fifteenth Ave

Site Location

211 Fifteenth Ave
Tauranga South, Tauranga

Map Reference

	Easting	Northing
NZMG	2788264	6383905



	Easting	Northing
NZTM	1717812	6048753

Nearest Sensitive Receptor & Location

Tauranga Boys College
728 Cameron Rd

Distance (m)
45

Nearest SH & Local Road (m) with Direction

SH 2A 2 SW

LR 2 SE

National Network

Y

Intersection

Y

Other Site Information

Opposite Tauranga Boys College. Pre December 2009 SH2.

Height Above Ground (m)

2.9

Nearest Tree (m)

20.0

Monitoring Note(s)

Jan-07 Commissioned



Site Name

Golf Rd

Site Code

HAM008

Region & Monitoring Zone

Bay of Plenty - Tauranga

Area

Mt Maunganui

Site Type

SH

Source

Maunganui Rd

Site Location

Opp 566 Maunganui Rd
Mt Maunganui, Tauranga

Map Reference

	Easting	Northing
NZMG	2793133	6388054

	Easting	Northing
NZTM	1717812	6048753

Nearest Sensitive Receptor & Location

Mt Maunganui Intermediate School
565 Maunganui Rd

Distance (m)
30

Nearest SH & Local Road (m) with Direction

SH 2 2 SW

LR 30 NE

National Network

Y

Intersection

Y

Other Site Information

Hewletts Road Overbridge Project. Near Mt Maunganui Intermediate School. Pre December 2009 SH29.

Height Above Ground (m)

2.9

Nearest Tree (m)

20.0

Monitoring Note(s)

Jan-07 Commissioned



Site Name

Chapel St

Site Code

HAM010

Region & Monitoring Zone

Bay of Plenty - Tauranga

Area

Tauranga

Site Type

SH

Source

Marsh St

Site Location

35 Chapel St
Tauranga, Tauranga

Map Reference

	Easting	Northing
NZMG	2789493	6386894



	Easting	Northing
NZTM	1717812	6048753

Nearest Sensitive Receptor & Location

Residential Housing
Chapel St

Distance (m)
60

Nearest SH & Local Road (m) with Direction

SH 2 2 N

LR 2 W

National Network

Y

Intersection

Y

Other Site Information

Tauranga Central Corridor Project. Pre December 2009 SH2A.

Height Above Ground (m)

2.7

Nearest Tree (m)

50.0

Monitoring Note(s)

Jan-07 Commissioned



Site Name

Maunganui Rd

Site Code

HAM018

Region & Monitoring Zone

Bay of Plenty - Tauranga

Area

Te Maunga

Site Type

SH

Source

SH2



Site Location

Opp 93 Eversham Rd
Te Maunga, Tauranga

Map Reference

	Easting	Northing
NZMG	2794763	6385946

	Easting	Northing
NZTM	1717812	6048753

Nearest Sensitive Receptor & Location

Residential Housing
Eversham Rd

Distance (m)
50

Nearest SH & Local Road (m) with Direction

SH 2 2 N

LR 810 N

National Network

Y

Intersection

Y

Other Site Information

-

Height Above Ground (m)

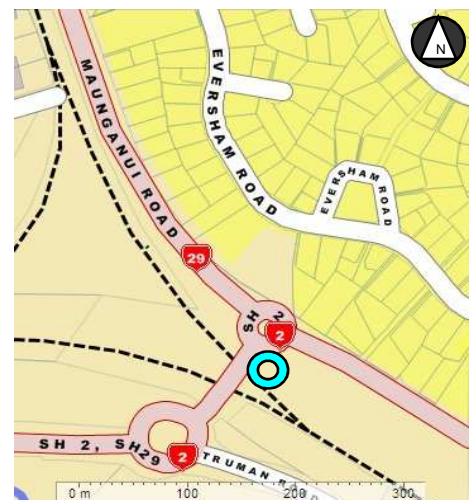
2.5

Nearest Tree (m)

50.0

Monitoring Note(s)

Apr-10 Commissioned



Site Name

Otumoetai Rd

Site Code

HAM019

Region & Monitoring Zone

Bay of Plenty - Tauranga

Area

Brookfield

Site Type

Local

Source

Bellevue Rd

Site Location

75 Bellevue Rd
Brookfield, Tauranga



Map Reference

	Easting	Northing
NZMG	2786715	6385423

	Easting	Northing
NZTM	1717812	6048753

Nearest Sensitive Receptor & Location

Residential Housing
Otumoetai Rd

Distance (m)
20

Nearest SH & Local Road (m) with Direction

SH 2 1040 S

LR 2 SW

National Network

Y

Intersection

Y

Other Site Information

-

Height Above Ground (m)

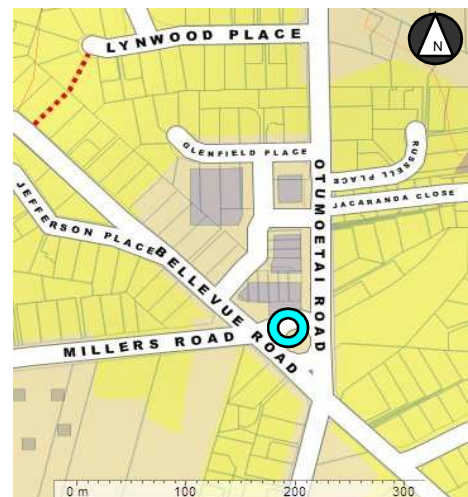
2.7

Nearest Tree (m)

10.0

Monitoring Note(s)

Apr-10 Commissioned



Site Name

Twentythird Ave

Site Code

HAM020

Region & Monitoring Zone

Bay of Plenty - Tauranga

Area

Gate Pa

Site Type

Local

Source

Cameron Rd

Site Location

941 Cameron Rd
Gate Pa, Tauranga

Map Reference

	Easting	Northing
NZMG	2787244	6382893

	Easting	Northing
NZTM	1717812	6048753

Nearest Sensitive Receptor & Location

Residential Housing
Cameron Rd

Distance (m)
15

Nearest SH & Local Road (m) with Direction

SH 2 1090 NW

LR 3 SW

National Network

Y

Intersection

Y

Other Site Information

Near Tauranga Girls College

Height Above Ground (m)

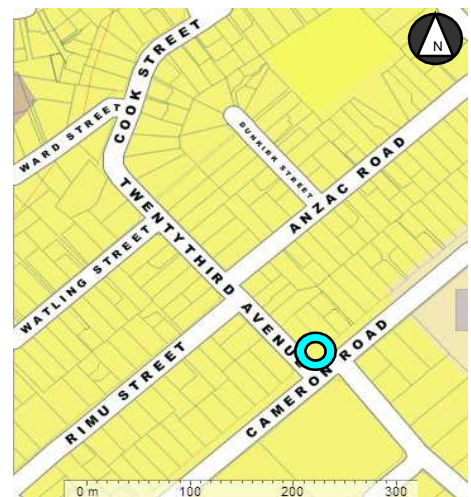
2.8

Nearest Tree (m)

10.0

Monitoring Note(s)

Apr-10 Commissioned



Site Name

Seaforth Gr

Site Code

HAM021

Region & Monitoring Zone

Bay of Plenty - Tauranga

Area

Greerton

Site Type

Background

Source

-



Site Location

7 Seaforth Gr
Greerton, Tauranga

Map Reference

	Easting	Northing
NZMG	2786027	6380709

	Easting	Northing
NZTM	1717812	6048753

Nearest Sensitive Receptor & Location

Residential Housing
Seaforth Gr

Distance (m)
5

Nearest SH & Local Road (m) with Direction

SH 29 360 S

LR 280 NW

National Network

Y

Intersection

N

Other Site Information

-

Height Above Ground (m)

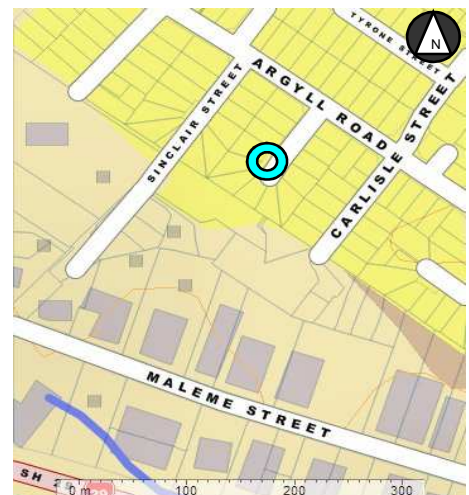
3.0

Nearest Tree (m)

10.0

Monitoring Note(s)

Apr-10 Commissioned



Monitoring Zone
Rotorua

Site Name

Pukuatua St

Site Code

HAM006

Region & Monitoring Zone

Bay of Plenty - Rotorua

Area

Rotorua

Site Type

SH

Source

Old Taupo Rd

Site Location

1612 Pukuatua St
Rotorua

Map Reference

	Easting	Northing
NZMG	2793725	6335570

	Easting	Northing
NZTM	1717812	6048753

Nearest Sensitive Receptor & Location

Rotorua Boys High School
1612 Pukuatua St

Distance (m)
40

Nearest SH & Local Road (m) with Direction

SH 30A & 53 W

LR 40 E

National Network

Y

Intersection

Y

Other Site Information

Near Rotorua Boys High School

Height Above Ground (m)

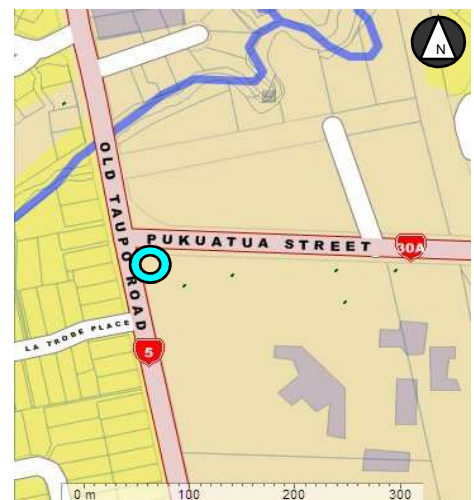
2.6

Nearest Tree (m)

10.0

Monitoring Note(s)

Jan-07 Commissioned



Site Name

Lighthouse St

Site Code

HAM023

Region & Monitoring Zone

Bay of Plenty - Rotorua

Area

Glenholme

Site Type

Background

Source

-

Site Location

3 Lighthouse St
Glenholme, Rotorua

Map Reference

	Easting	Northing
NZMG	2794856	6334356

	Easting	Northing
NZTM	1717812	6048753

Nearest Sensitive Receptor & Location

Residential Housing
Lighthouse St

Distance (m)
10

Nearest SH & Local Road (m) with Direction

SH 5 880 W

LR 170 W

National Network

Y

Intersection

N

Other Site Information

Near St Mary's Catholic School

Height Above Ground (m)

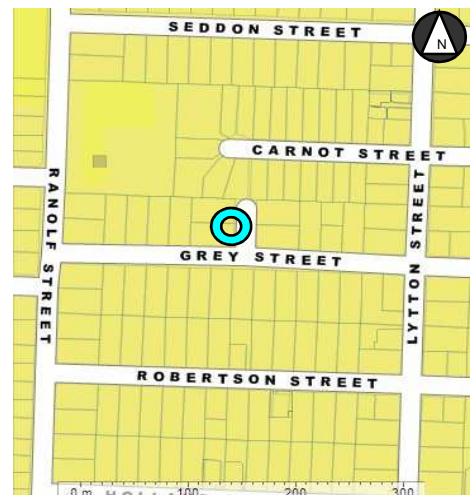
2.5

Nearest Tree (m)

10.0

Monitoring Note(s)

Apr-10 Commissioned



Monitoring Zone
Gisborne

Site Name

Craig Rd

Site Code

NAP001

Region & Monitoring Zone

Gisborne - Gisborne

Area

Kaiti

Site Type

SH

Source

Wainui Rd

Site Location

515 Wainui Rd
Kaiti, Gisborne

Map Reference

	Easting	Northing
NZMG	2948813	6268592

	Easting	Northing
NZTM	1717812	6048753

Nearest Sensitive Receptor & Location

Kaiti School
517 Wainui Rd

Distance (m)
5

Nearest SH & Local Road (m) with Direction

SH 35 2 NE

LR 190 NE

National Network

Y

Intersection

N

Other Site Information

Opposite Kaiti School

Height Above Ground (m)

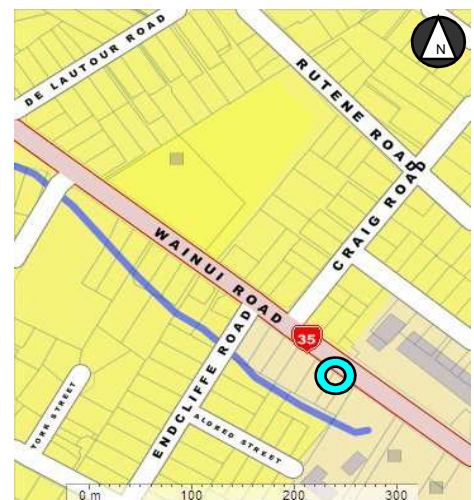
3.0

Nearest Tree (m)

10.0

Monitoring Note(s)

Jan-07 Commissioned



Monitoring Zone

Napier

Site Name

Meeanee Rd

Site Code

NAP002

Region & Monitoring Zone

Hawke's Bay - Napier

Area

Jervoistown

Site Type

SH

Source

Napier Hastings Motorway



Site Location

122 Meeanee Rd
Jervoistown, Napier

Map Reference

	Easting	Northing
NZMG	2841836	6177906

	Easting	Northing
NZTM	1717812	6048753

Nearest Sensitive Receptor & Location

Residential Housing
Meeanee Rd

Distance (m)
40

Nearest SH & Local Road (m) with Direction

SH 50 3 W

LR 2 S

National Network

Y

Intersection

Y

Other Site Information

Meeanee Road Intersection Upgrade. Near AQ Station.

Height Above Ground (m)

3.0

Nearest Tree (m)

30.0

Monitoring Note(s)

Jan-07 Commissioned



Site Name

Georges Dr

Site Code

NAP003

Region & Monitoring Zone

Hawke's Bay - Napier

Area

Marewa

Site Type

SH

Source

Hyderabad Rd



Site Location

3 Hyderabad Rd
Marewa, Napier

Map Reference

	Easting	Northing
NZMG	2845357	6182616

	Easting	Northing
NZTM	1717812	6048753

Nearest Sensitive Receptor & Location

Residential Housing
Hyderabad Rd

Distance (m)
10

Nearest SH & Local Road (m) with Direction

SH 2 3 N

LR 70 E

National Network

Y

Intersection

Y

Other Site Information

-

Height Above Ground (m)

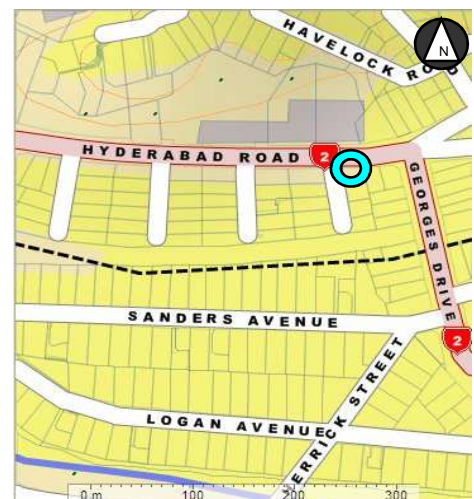
3.0

Nearest Tree (m)

3.0

Monitoring Note(s)

Jan-07 Commissioned



Site Name

Hastie Pl

Site Code

NAP006

Region & Monitoring Zone

Hawke's Bay - Napier

Area

Onekawa

Site Type

Background

Source

-



Site Location

10 Hastie Pl
Onekawa, Napier

Map Reference

	Easting	Northing
NZMG	2844224	6180240

	Easting	Northing
NZTM	1717812	6048753

Nearest Sensitive Receptor & Location

Residential Housing
Hastie Pl

Distance (m)
15

Nearest SH & Local Road (m) with Direction

SH 50 800 W

LR 600 NW

National Network

Y

Intersection

N

Other Site Information

Near Henry Hill School

Height Above Ground (m)

3.0

Nearest Tree (m)

11.0

Monitoring Note(s)

Apr-10 Commissioned



Monitoring Zone

Hastings

Site Name

Omahu Rd

Site Code

NAP004

Region & Monitoring Zone

Hawke's Bay - Hastings

Area

Woolwich

Site Type

SH

Source

Napier Hastings Motorway



Site Location

1000 Omahu Rd
Woolwich, Hastings

Map Reference

	Easting	Northing
NZMG	2837466	6169025

	Easting	Northing
NZTM	1717812	6048753

Nearest Sensitive Receptor & Location

Residential Housing
Omahu Rd

Distance (m)
180

Nearest SH & Local Road (m) with Direction

SH 50A 20 E

LR 10 NE

National Network

Y

Intersection

Y

Other Site Information

-

Height Above Ground (m)

3.0

Nearest Tree (m)

40.0

Monitoring Note(s)

Jan-07 Commissioned



Site Name

Amanda Pl

Site Code

NAP005

Region & Monitoring Zone

Hawke's Bay - Hastings

Area

Mayfair

Site Type

Background

Source

-



Site Location

11 Amanda Pl
Mayfair, Hastings

Map Reference

	Easting	Northing
NZMG	2841229	6167068

	Easting	Northing
NZTM	1717812	6048753

Nearest Sensitive Receptor & Location

Residential Housing
Amanda Pl

Distance (m)
15

Nearest SH & Local Road (m) with Direction

SH 2 230 N

LR 100 W

National Network

Y

Intersection

N

Other Site Information

Near Mayfair School

Height Above Ground (m)

2.7

Nearest Tree (m)

10.0

Monitoring Note(s)

Apr-10 Commissioned



Monitoring Zone

New Plymouth

Site Name

Paynters Ave

Site Code

WAN001

Region & Monitoring Zone

Taranaki - New Plymouth

Area

Fitzroy

Site Type

SH

Source

Northgate

Site Location

10 Pukaka St
Fitzroy, New Plymouth

Map Reference

	Easting	Northing
NZMG	2605648	6238606

	Easting	Northing
NZTM	1717812	6048753

Nearest Sensitive Receptor & Location

Mission Resthome
10 Pukaka St

Distance (m)
50

Nearest SH & Local Road (m) with Direction

SH 3 1 N

LR 140 E

National Network

Y

Intersection

N

Other Site Information

Near Scared Heart School

Height Above Ground (m)

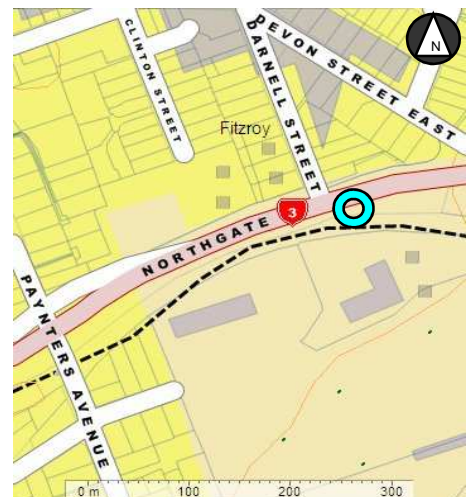
3.0

Nearest Tree (m)

15.0

Monitoring Note(s)

Jan-07 Commissioned



Site Name

Benbow Pl

Site Code

WAN009

Region & Monitoring Zone

Taranaki - New Plymouth

Area

Westown

Site Type

Background

Source

-



Site Location

4 Tavistock St
Westown , New Plymouth

Map Reference

	Easting	Northing
NZMG	2601999	6236211

	Easting	Northing
NZTM	1717812	6048753

Nearest Sensitive Receptor & Location

Residential Housing
Tavistock St

Distance (m)
5

Nearest SH & Local Road (m) with Direction

SH 45 1360 N

LR 240 NW

National Network

Y

Intersection

N

Other Site Information

-

Height Above Ground (m)

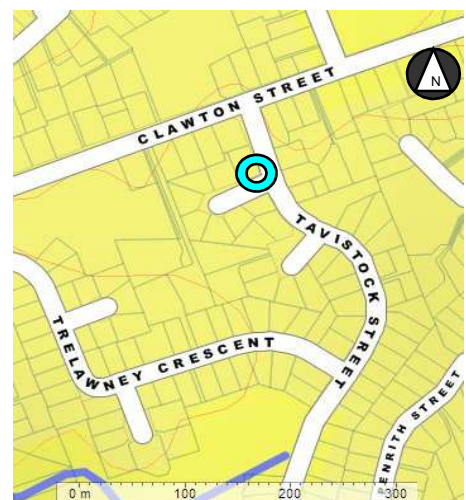
2.5

Nearest Tree (m)

20.0

Monitoring Note(s)

Apr-10 Commissioned



Monitoring Zone

Wanganui

Site Name

Grey St

Site Code

WAN002

Region & Monitoring Zone

Manawatu / Wanganui - Wanganui

Area

Wanganui

Site Type

SH

Source

London St

Site Location

Opp 181 London St
Wanganui, Wanganui

Map Reference

	Easting	Northing
NZMG	2683714	6139847

	Easting	Northing
NZTM	1717812	6048753

Nearest Sensitive Receptor & Location

Residential Housing
London St

Distance (m)
50

Nearest SH & Local Road (m) with Direction

SH 3 1 SE

LR 70 NE

National Network

Y

Intersection

N

Other Site Information

Near St George's Prep School. Relocated to WAN010.

Height Above Ground (m)

3.0

Nearest Tree (m)

10.0

Monitoring Note(s)

Jan-07	Commissioned
Nov-09	Decommissioned



Site Name

Grey St

Site Code

WAN010

Region & Monitoring Zone

Manawatu / Wanganui - Wanganui

Area

Wanganui

Site Type

SH

Source

London St

Site Location

175 London St
Wanganui, Wanganui



Map Reference

	Easting	Northing
NZMG	2683810	6139936

	Easting	Northing
NZTM	1717812	6048753

Nearest Sensitive Receptor & Location

Residential Housing
London St

Distance (m)
10

Nearest SH & Local Road (m) with Direction

SH 3 1 NW

LR 60 SW

National Network

Y

Intersection

Y

Other Site Information

Near St George's Prep School. Relocated from WAN002.

Height Above Ground (m)

3.0

Nearest Tree (m)

20.0

Monitoring Note(s)

Nov-09 Commissioned



Monitoring Zone

Palmerston North

Site Name

Featherston St

Site Code

WAN004

Region & Monitoring Zone

Manawatu / Wanganui - Palmerston North

Area

Palmerston North Central

Site Type

SH

Source

Rangitikei St

Site Location

240 Featherston St
Palmerston North Central, Palmerston North

Map Reference

	Easting	Northing
NZMG	2731352	6091837

	Easting	Northing
NZTM	1717812	6048753

Nearest Sensitive Receptor & Location

Retail Area
Rangitikei St

Distance (m)
20

Nearest SH & Local Road (m) with Direction

SH 3 1 E

LR 1 N

National Network

Y

Intersection

Y

Other Site Information

Near Palmerston North Boys High School

Height Above Ground (m)

3.0

Nearest Tree (m)

10.0

Monitoring Note(s)

Jan-07 Commissioned



Site Name

Maxwells Line

Site Code

WAN005

Region & Monitoring Zone

Manawatu / Wanganui - Palmerston North

Area

Awapuni

Site Type

SH

Source

Pioneer Hwy

Site Location

Opp 1 Maxwells Line
Awapuni, Palmerston North

Map Reference

	Easting	Northing
NZMG	2728877	6089599

	Easting	Northing
NZTM	1717812	6048753

Nearest Sensitive Receptor & Location

Residential Housing
Maxwells Line

Distance (m)
30

Nearest SH & Local Road (m) with Direction

SH 56 1 S

LR 35 E

National Network

Y

Intersection

N

Other Site Information

-

Height Above Ground (m)

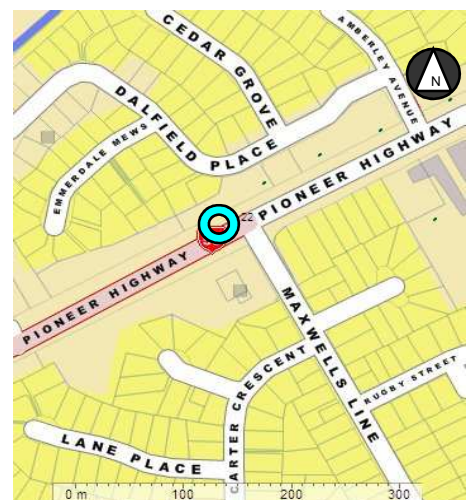
2.5

Nearest Tree (m)

25.0

Monitoring Note(s)

Apr-10 Commissioned



Site Name

Ruahine St

Site Code

WAN006

Region & Monitoring Zone

Manawatu / Wanganui - Palmerston North

Area

Terrace End

Site Type

SH

Source

Main St

Site Location

757 Main St
Terrace End, Palmerston North



Map Reference

	Easting	Northing
NZMG	2733238	6091975

	Easting	Northing
NZTM	1717812	6048753

Nearest Sensitive Receptor & Location

Residential Housing
Main St

Distance (m)
40

Nearest SH & Local Road (m) with Direction

SH 3 1 S

LR 10 NE

National Network

Y

Intersection

Y

Other Site Information

-

Height Above Ground (m)

2.5

Nearest Tree (m)

20.0

Monitoring Note(s)

Apr-10 Commissioned



Site Name

Ferguson St

Site Code

WAN007

Region & Monitoring Zone

Manawatu / Wanganui - Palmerston North

Area

West End

Site Type

Local

Source

Pitt St

Site Location

104 Pitt St
West End, Palmerston North

Map Reference

	Easting	Northing
NZMG	2731567	6090595

	Easting	Northing
NZTM	1717812	6048753

Nearest Sensitive Receptor & Location

Residential Housing	Distance (m)
Pitt St	20

Nearest SH & Local Road (m) with Direction

SH 3	920	N	LR	1	NW
------	-----	---	----	---	----

National Network

Y

Intersection

Y

Other Site Information

Near Palmerston North Intermediate Normal School and Palmerston North SDA School

Height Above Ground (m)

2.5

Nearest Tree (m)

3.0

Monitoring Note(s)

Apr-10 Commissioned



Site Name

Tyndall St

Site Code

WAN008

Region & Monitoring Zone

Manawatu / Wanganui - Palmerston North

Area

Roslyn

Site Type

Background

Source

-

Site Location

10 Tyndall St
Roslyn, Palmerston North



Map Reference

	Easting	Northing
NZMG	2732125	6093089

	Easting	Northing
NZTM	1717812	6048753

Nearest Sensitive Receptor & Location

Residential Housing
Tyndall St

Distance (m)
5

Nearest SH & Local Road (m) with Direction

SH 3 1250 SW

LR 100 N

National Network

Y

Intersection

N

Other Site Information

Near Russell St School

Height Above Ground (m)

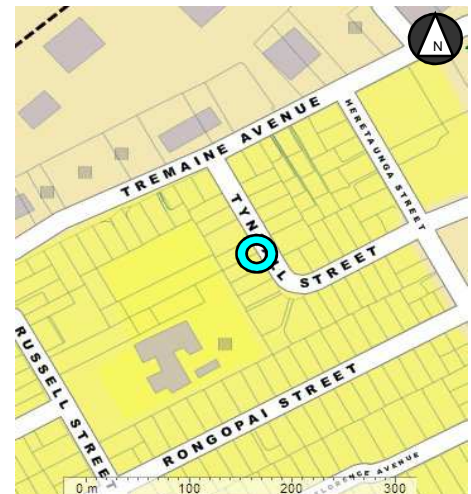
2.5

Nearest Tree (m)

5.0

Monitoring Note(s)

Apr-10 Commissioned



Monitoring Zone

Otaki

Site Name

Mill Rd

Site Code

WEL061

Region & Monitoring Zone

Wellington - Otaki

Area

Otaki

Site Type

SH

Source

State Highway 1

Site Location

Opposite 284 Mill Rd
Otaki, Otaki

Map Reference

	Easting	Northing
NZMG	2692113	6047319

	Easting	Northing
NZTM	1717812	6048753

Nearest Sensitive Receptor & Location

Residential Housing
Mill Rd

Distance (m)
15

Nearest SH & Local Road (m) with Direction

SH 1 3 SE

LR 5 NE

National Network

Y

Intersection

Y

Other Site Information

-

Height Above Ground (m)

4.0

Nearest Tree (m)

15.0

Monitoring Note(s)

Mar-10 Commissioned



Monitoring Zone

Kapiti

Site Name

Ihakara St

Site Code

WEL004

Region & Monitoring Zone

Wellington - Kapiti

Area

Paraparaumu

Site Type

SH

Source

Main Rd South

Site Location

3 Ihakara St
Paraparaumu, Kapiti

Map Reference

	Easting	Northing
NZMG	2678624	6029713

	Easting	Northing
NZTM	1717812	6048753

Nearest Sensitive Receptor & Location

Residential Housing
Spencer Russell Dr

Distance (m)
20

Nearest SH & Local Road (m) with Direction

SH 1 3 SE

LR 610 SW

National Network

Y

Intersection

N

Other Site Information

Relocated to WEL063

Height Above Ground (m)

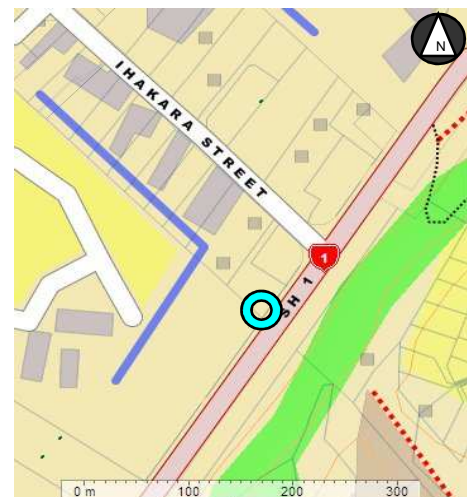
3.3

Nearest Tree (m)

1.0

Monitoring Note(s)

Jan-07	Commissioned
Jan-09	Decommissioned



Site Name

Rimutaka St

Site Code

WEL063

Region & Monitoring Zone

Wellington - Kapiti

Area

Paraparaumu

Site Type

SH

Source

Main Rd South

Site Location

20 Rimutaka St
Paraparaumu, Kapiti

Map Reference

	Easting	Northing
NZMG	2679645	6030750



	Easting	Northing
NZTM	1717812	6048753

Nearest Sensitive Receptor & Location

Residential Housing
Rimutaka St

Distance (m)
20

Nearest SH & Local Road (m) with Direction

SH 1 5 NE

LR 680 SW

National Network

Y

Intersection

N

Other Site Information

Relocated from WEL004 near Ihakara St

Height Above Ground (m)

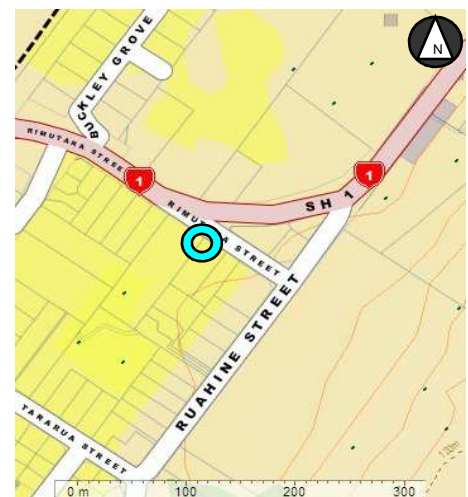
3.5

Nearest Tree (m)

2.0

Monitoring Note(s)

Jan-09 Commissioned



Monitoring Zone

Upper Hutt

Site Name

Totara Park Rd

Site Code

WEL057

Region & Monitoring Zone

Wellington - Upper Hutt

Area

Clouston Park

Site Type

SH

Source

River Rd

Site Location

40 Totara Park Rd
Clouston Park, Upper Hutt



Map Reference

	Easting	Northing
NZMG	2684770	6008051

	Easting	Northing
NZTM	1717812	6048753

Nearest Sensitive Receptor & Location

Residential Housing
Totara Park Rd

Distance (m)
20

Nearest SH & Local Road (m) with Direction

SH 2 2 N

LR 5 W

National Network

Y

Intersection

Y

Other Site Information

-

Height Above Ground (m)

4.0

Nearest Tree (m)

5.0

Monitoring Note(s)

Mar-10 Commissioned



Site Name

GWRC Savage Park

Site Code

WEL058 - WEL060

Region & Monitoring Zone

Wellington - Upper Hutt

Area

Upper Hutt

Site Type

Background

Source

-



Site Location

15 Savage Cres
Upper Hutt , Upper Hutt

Map Reference

	Easting	Northing
NZMG	2683824	6007399

	Easting	Northing
NZTM	1717812	6048753

Nearest Sensitive Receptor & Location

Residential Housing
Savage Park

Distance (m)
21

Nearest SH & Local Road (m) with Direction

SH 2 600 N

LR 69 W

National Network

Y

Intersection

N

Other Site Information

AQ Station. Co-located in triplicate.

Height Above Ground (m)

4.0

Nearest Tree (m)

11.0

Monitoring Note(s)

Mar-10 Commissioned



Monitoring Zone

Lower Hutt

Site Name

Manor Park Rd

Site Code

WEL002

Region & Monitoring Zone

Wellington - Lower Hutt

Area

Manor Park

Site Type

SH

Source

Western Hutt Rd

Site Location

Cnr Manor Park Rd & Western Hutt Rd
Manor Park, Lower Hutt

Map Reference

	Easting	Northing
NZMG	2675619	6003444

	Easting	Northing
NZTM	1717812	6048753

Nearest Sensitive Receptor & Location

Residential Housing
Mary Huse Gr

Distance (m)
180

Nearest SH & Local Road (m) with Direction

SH 2 1 NW

LR 485 SW

National Network

Y

Intersection

Y

Other Site Information

Manor Park Hospital

Height Above Ground (m)

3.2

Nearest Tree (m)

8.8

Monitoring Note(s)

Jan-07 Commissioned



Site Name

Riddlers Cres

Site Code

WEL003

Region & Monitoring Zone

Wellington - Lower Hutt

Area

Petone

Site Type

SH

Source

Western Hutt Rd

Site Location

37 Riddlers Cres
Petone, Lower Hutt

Map Reference

	Easting	Northing
NZMG	2667227	5996900

	Easting	Northing
NZTM	1717812	6048753

Nearest Sensitive Receptor & Location

Residential Housing
Riddlers Cres

Distance (m)
8

Nearest SH & Local Road (m) with Direction

SH 2 40 N

LR 150 SW

National Network

Y

Intersection

N

Other Site Information

-

Height Above Ground (m)

3.3

Nearest Tree (m)

8.0

Monitoring Note(s)

May-07 Commissioned



Site Name

Block Rd (GWRC Melling Station)

Site Code

WEL028 - WEL030

Region & Monitoring Zone

Wellington - Lower Hutt

Area

Boulcott

Site Type

SH

Source

Western Hutt Rd

Site Location

Block Rd Train Station
Boulcott, Lower Hutt

Map Reference

	Easting	Northing
NZMG	2669902	5998674

	Easting	Northing
NZTM	1717812	6048753

Nearest Sensitive Receptor & Location

Train Station
Block Rd

Distance (m)
5

Nearest SH & Local Road (m) with Direction

SH 2 10 NW

LR 50 SW

National Network

Y

Intersection

N

Other Site Information

AQ Station removed Jan-2010. Co-located in triplicate. WEL052 nearby.

Height Above Ground (m)

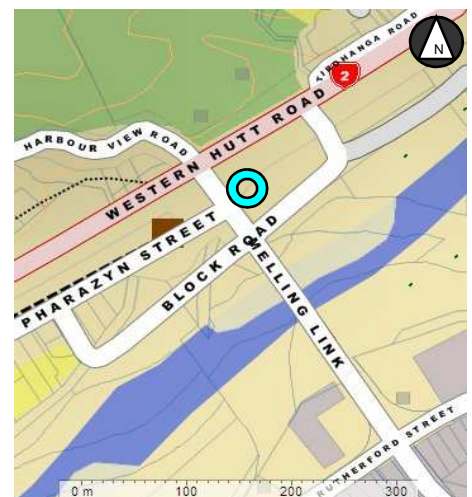
4.4

Nearest Tree (m)

2.5

Monitoring Note(s)

Jan-09	Commissioned
Jan-10	Decommissioned



Site Name

Pharazyn St

Site Code

WEL052

Region & Monitoring Zone

Wellington - Lower Hutt

Area

Boulcott

Site Type

SH



Source

Western Hutt Rd

Site Location

Opposite 101 Pharazyn St
Boulcott, Lower Hutt

Map Reference

	Easting	Northing
NZMG	2669689	5998545

	Easting	Northing
NZTM	1717812	6048753

Nearest Sensitive Receptor & Location

Residential Housing
Pharazyn St

Distance (m)
12

Nearest SH & Local Road (m) with Direction

SH 2 15 NW

LR 185 NE

National Network

Y

Intersection

N

Other Site Information

Near Ex GWRC Melling Station AQ Station

Height Above Ground (m)

4.0

Nearest Tree (m)

16.0

Monitoring Note(s)

Mar-10 Commissioned



Site Name

Bloomfield Tce

Site Code

WEL053

Region & Monitoring Zone

Wellington - Lower Hutt

Area

Lower Hutt

Site Type

Local

Source

Knights Rd

Site Location

75 Knights Rd

Lower Hutt , Lower Hutt

Map Reference

	Easting	Northing
NZMG	2669955	5997772

	Easting	Northing
NZTM	1717812	6048753

Nearest Sensitive Receptor & Location

Residential Housing
Bloomfield Tce

Distance (m)
20

Nearest SH & Local Road (m) with Direction

SH 2 828 NW

LR 1 S

National Network

Y

Intersection

Y

Other Site Information

-

Height Above Ground (m)

4.0

Nearest Tree (m)

12.0

Monitoring Note(s)

Mar-10 Commissioned



Site Name

GWRC Birch Lane

Site Code

WEL054 - WEL056

Region & Monitoring Zone

Wellington - Lower Hutt

Area

Waterloo

Site Type

Background

Source

-



Site Location

46 Oxford Tce
Waterloo, Lower Hutt

Map Reference

	Easting	Northing
NZMG	2671055	5997578

	Easting	Northing
NZTM	1717812	6048753

Nearest Sensitive Receptor & Location

Residential Housing
Oxford Tce

Distance (m)
8

Nearest SH & Local Road (m) with Direction

SH 2 1595 NW

LR 100 N

National Network

Y

Intersection

N

Other Site Information

AQ Station. Co-located in triplicate.

Height Above Ground (m)

3.5

Nearest Tree (m)

10.0

Monitoring Note(s)

Mar-10 Commissioned



Monitoring Zone

Porirua

Site Name

Titahi Bay Rd

Site Code

WEL005

Region & Monitoring Zone

Wellington - Porirua

Area

Porirua

Site Type

SH

Source

Johnsonville Porirua Motorway

Site Location

Opp 1 Mungavin Ave
Porirua, Porirua

Map Reference

	Easting	Northing
NZMG	2664950	6005956

	Easting	Northing
NZTM	1717812	6048753

Nearest Sensitive Receptor & Location

Belmont Motor Lodge
1 Mungavin Ave

Distance (m)
30

Nearest SH & Local Road (m) with Direction

SH 1 50 W

LR 5 N

National Network

Y

Intersection

N

Other Site Information

Porirua on ramp 50m. SH1 65m.

Height Above Ground (m)

3.2

Nearest Tree (m)

1.0

Monitoring Note(s)

Mar-07 Commissioned



Monitoring Zone

Wellington

Site Name

Bolton St

Site Code

WEL007

Region & Monitoring Zone

Wellington - Wellington

Area

Lambton Quay

Site Type

SH

Source

Wellington Urban Motorway

Site Location

Opp 82 Bolton St
Lambton Quay, Wellington

Map Reference

	Easting	Northing
NZMG	2658523	5990324

	Easting	Northing
NZTM	1717812	6048753

Nearest Sensitive Receptor & Location

Residential Housing
Bolton St

Distance (m)
15

Nearest SH & Local Road (m) with Direction

SH 1 30 E

LR 175 E

National Network

Y

Intersection

N

Other Site Information

-

Height Above Ground (m)

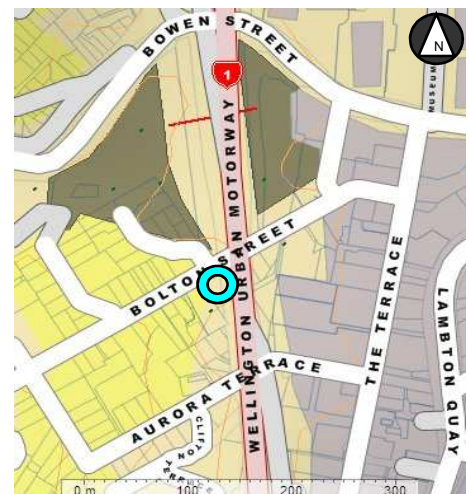
2.5

Nearest Tree (m)

5.0

Monitoring Note(s)

Mar-07 Commissioned



Site Name

Sussex St

Site Code

WEL008

Region & Monitoring Zone

Wellington - Wellington

Area

Mt Cook

Site Type

SH

Source

Rugby St

Site Location

Crn Sussex St & Rugby St
Mt Cook, Wellington



Map Reference

	Easting	Northing
NZMG	2658939	5988040

	Easting	Northing
NZTM	1717812	6048753

Nearest Sensitive Receptor & Location

Residential Housing
Sussex St

Distance (m)
15

Nearest SH & Local Road (m) with Direction

SH 1 2 E

LR 95 SE

National Network

Y

Intersection

Y

Other Site Information

Wellington Inner City Bypass Project. Near Basin Reserve.

Height Above Ground (m)

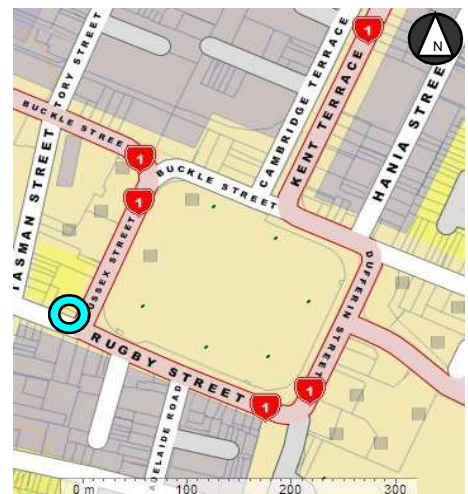
3.1

Nearest Tree (m)

4.2

Monitoring Note(s)

Jan-07 Commissioned



Site Name

Helston Rd

Site Code

WEL027

Region & Monitoring Zone

Wellington - Wellington

Area

Johnsonville

Site Type

SH

Source

Johnsonville Porirua Motorway

Site Location

12 Helston Rd
Johnsonville, Wellington

Map Reference

	Easting	Northing
NZMG	2661775	5996790

	Easting	Northing
NZTM	1717812	6048753

Nearest Sensitive Receptor & Location

Residential Housing
Helston Rd

Distance (m)
5

Nearest SH & Local Road (m) with Direction

SH 1 100 W

LR 5 S

National Network

Y

Intersection

N

Other Site Information

Relocated to WEL064 closer to the SH

Height Above Ground (m)

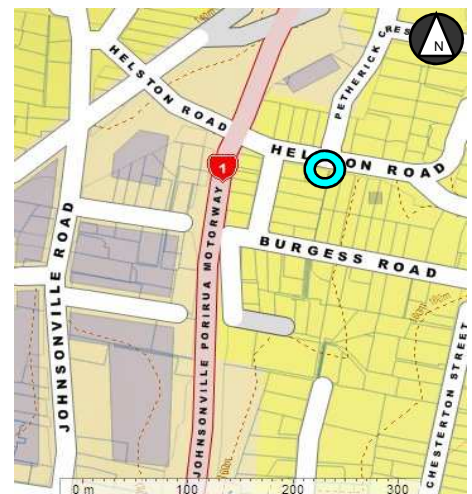
4.0

Nearest Tree (m)

5.0

Monitoring Note(s)

Jan-09	Commissioned
Mar-10	Decommissioned



Site Name

Victoria St (GWRC Corner V)

Site Code

WEL031 - WEL033

Region & Monitoring Zone

Wellington - Wellington

Area

Te Aro

Site Type

SH

Source

Vivian St

Site Location

Crn Vivian St & Victoria St
Te Aro, Wellington

Map Reference

	Easting	Northing
NZMG	2658477	5988791

	Easting	Northing
NZTM	1717812	6048753

Nearest Sensitive Receptor & Location

Retail Area
Vivian St

Distance (m)
15

Nearest SH & Local Road (m) with Direction

SH 1 7 SW

LR 5 W

National Network

Y

Intersection

Y

Other Site Information

AQ Station. Co-located in triplicate.

Height Above Ground (m)

5.3

Nearest Tree (m)

9.0

Monitoring Note(s)

Jan-09 Commissioned



Site Name

Hamilton Rd

Site Code

WEL050

Region & Monitoring Zone

Wellington - Wellington

Area

Kilbirnie

Site Type

SH

Source

Wellington Rd



Site Location

29 Wellington Rd
Kilbirnie, Wellington

Map Reference

	Easting	Northing
NZMG	2660124	5986752

	Easting	Northing
NZTM	1717812	6048753

Nearest Sensitive Receptor & Location

Residential Housing
Wellington Rd

Distance (m)
2

Nearest SH & Local Road (m) with Direction

SH 1 4 N

LR 195 W

National Network

Y

Intersection

Y

Other Site Information

-

Height Above Ground (m)

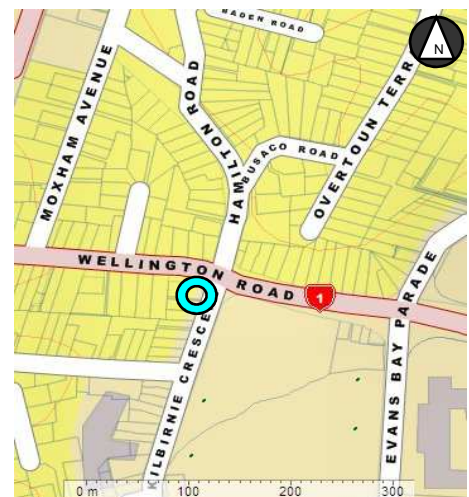
4.0

Nearest Tree (m)

15.0

Monitoring Note(s)

Mar-10 Commissioned



Site Name

Helston Rd

Site Code

WEL064

Region & Monitoring Zone

Wellington - Wellington

Area

Johnsonville

Site Type

SH

Source

Johnsonville Porirua Motorway

Site Location

8 Helston Rd
Johnsonville, Wellington



Map Reference

	Easting	Northing
NZMG	2661646	5996808

	Easting	Northing
NZTM	1717812	6048753

Nearest Sensitive Receptor & Location

Residential Housing
Helston Rd

Distance (m)
7

Nearest SH & Local Road (m) with Direction

SH 1 7 E

LR 5 N

National Network

Y

Intersection

N

Other Site Information

Relocated from WEL027

Height Above Ground (m)

4.0

Nearest Tree (m)

10.0

Monitoring Note(s)

Mar-10 Commissioned



Site Name

Campbell St

Site Code

WEL047

Region & Monitoring Zone

Wellington - Wellington

Area

Karori

Site Type

Local

Source

Karori Rd

Site Location

4 Campbell St
Karori, Wellington



Map Reference

	Easting	Northing
NZMG	2655638	5989915

	Easting	Northing
NZTM	1717812	6048753

Nearest Sensitive Receptor & Location

Residential Housing
Campbell St

Distance (m)
10

Nearest SH & Local Road (m) with Direction

SH 1 2895 W

LR 1 N

National Network

Y

Intersection

Y

Other Site Information

-

Height Above Ground (m)

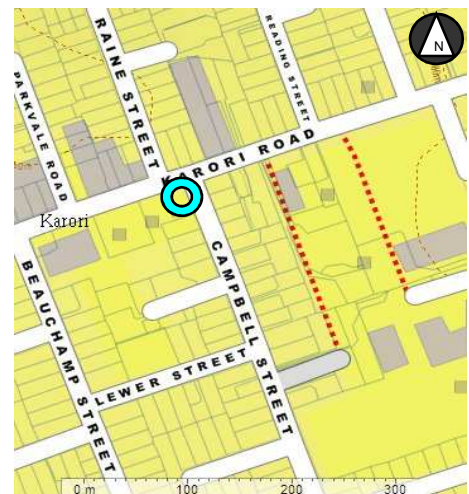
3.5

Nearest Tree (m)

15.0

Monitoring Note(s)

Mar-10 Commissioned



Site Name

Mein St

Site Code

WEL049

Region & Monitoring Zone

Wellington - Wellington

Area

Newtown

Site Type

Local

Source

Riddiford St

Site Location

88 Riddiford St
Newtown, Wellington

Map Reference

	Easting	Northing
NZMG	2658930	5986906



	Easting	Northing
NZTM	1717812	6048753

Nearest Sensitive Receptor & Location

Newtown School
Riddiford St

Distance (m)
15

Nearest SH & Local Road (m) with Direction

SH 1 1090 N

LR 1 E

National Network

Y

Intersection

Y

Other Site Information

Opp Newtown School. Near Wellington Hospital.

Height Above Ground (m)

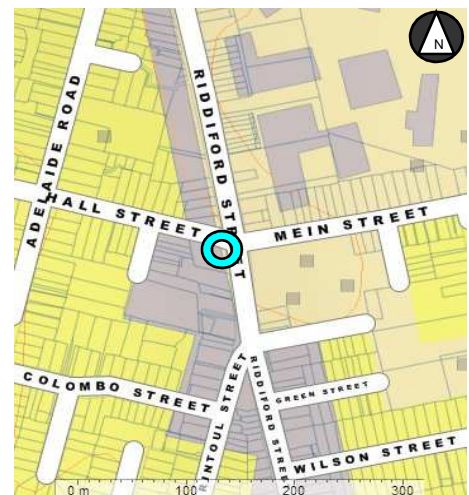
4.0

Nearest Tree (m)

15.0

Monitoring Note(s)

Mar-10 Commissioned



Site Name

Hobart St

Site Code

WEL051

Region & Monitoring Zone

Wellington - Wellington

Area

Miramar

Site Type

Local

Source

Miramar Ave

Site Location

86 Miramar Ave
Miramar, Wellington

Map Reference

	Easting	Northing
NZMG	2662066	5986189

	Easting	Northing
NZTM	1717812	6048753

Nearest Sensitive Receptor & Location

Catholic Church
86 Miramar Ave

Distance (m)
3

Nearest SH & Local Road (m) with Direction

SH 1 575 W

LR 4 NE

National Network

Y

Intersection

Y

Other Site Information

-

Height Above Ground (m)

4.0

Nearest Tree (m)

15.0

Monitoring Note(s)

Mar-10 Commissioned



Site Name

GWRC Duncan Park

Site Code

WEL034 - WEL036

Region & Monitoring Zone

Wellington - Wellington

Area

Linden

Site Type

Background

Source

-

Site Location

8 Linden Ave
Linden, Tawa

Map Reference

	Easting	Northing
NZMG	2663604	6003852

	Easting	Northing
NZTM	1717812	6048753

Nearest Sensitive Receptor & Location

Residential Housing
Rossiter St

Distance (m)
18

Nearest SH & Local Road (m) with Direction

SH 1 585 E

LR 60 W

National Network

Y

Intersection

N

Other Site Information

AQ Station. Co-located in triplicate. Replacement for WEL028-030.

Height Above Ground (m)

3.6

Nearest Tree (m)

3.0

Monitoring Note(s)

Jan-10 Commissioned



Site Name

Thames St

Site Code

WEL048

Region & Monitoring Zone

Wellington - Wellington

Area

Island Bay

Site Type

Background

Source

-

Site Location

3 Thames St
Island Bay, Wellington

Map Reference

	Easting	Northing
NZMG	2658566	5984219



	Easting	Northing
NZTM	1717812	6048753

Nearest Sensitive Receptor & Location

Residential Housing
Thames St

Distance (m)
1

Nearest SH & Local Road (m) with Direction

SH 1 2870 N

LR 150 W

National Network

Y

Intersection

N

Other Site Information

Near Island Bay School

Height Above Ground (m)

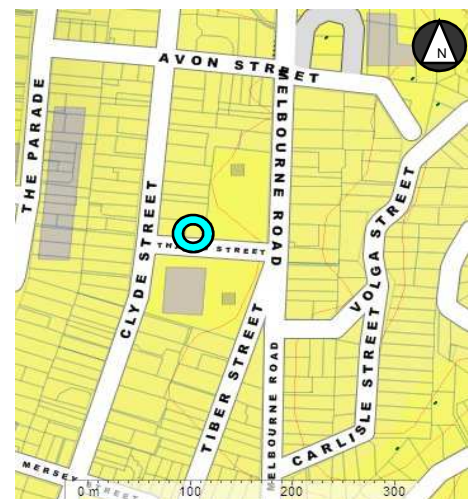
4.0

Nearest Tree (m)

10.0

Monitoring Note(s)

Mar-10 Commissioned



Monitoring Zone

Nelson

Site Name

Queen Elizabeth II Dr

Site Code

WEL009

Region & Monitoring Zone

Nelson - Nelson

Area

Nelson

Site Type

SH

Source

Haven Rd

Site Location

135 Haven Rd
Nelson, Nelson

Map Reference

	Easting	Northing
NZMG	2533238	5993244



	Easting	Northing
NZTM	1717812	6048753

Nearest Sensitive Receptor & Location

Auckland Point School
111 Haven Rd

Distance (m)
40

Nearest SH & Local Road (m) with Direction

SH 6 3 NE

LR 10 E

National Network

Y

Intersection

Y

Other Site Information

Near Auckland Point School

Height Above Ground (m)

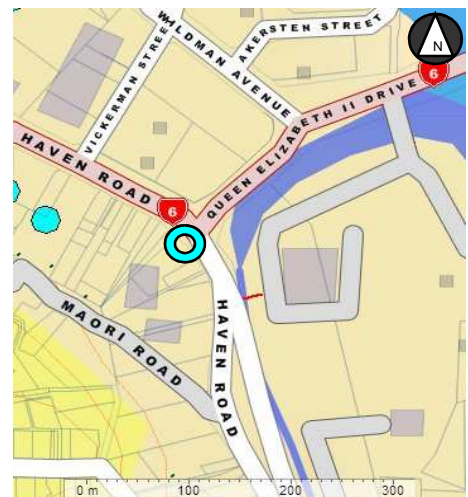
3.0

Nearest Tree (m)

3.0

Monitoring Note(s)

Jan-07 Commissioned



Site Name

Songer St

Site Code

WEL010

Region & Monitoring Zone

Nelson - Nelson

Area

Stoke

Site Type

SH

Source

Whakatu Dr

Site Location

3 Duffy Pl
Stoke, Nelson

Map Reference

	Easting	Northing
NZMG	2528631	5988954



	Easting	Northing
NZTM	1717812	6048753

Nearest Sensitive Receptor & Location

Residential Housing / Birchwood School
Duffy Pl

Distance (m)
10

Nearest SH & Local Road (m) with Direction

SH 6 10 NW

LR 125 SW

National Network

Y

Intersection

Y

Other Site Information

-

Height Above Ground (m)

2.4

Nearest Tree (m)

5.0

Monitoring Note(s)

Jun-07 Commissioned



Site Name

Melia Pl

Site Code

WEL011

Region & Monitoring Zone

Tasman - Nelson

Area

Richmond

Site Type

SH

Source

Richmond Deviation

Site Location

10 Melia Pl
Richmond, Tasman



Map Reference

	Easting	Northing
NZMG	2526180	5985832

	Easting	Northing
NZTM	1717812	6048753

Nearest Sensitive Receptor & Location

Residential Housing / Salisbury School
Melia Pl

Distance (m)
10

Nearest SH & Local Road (m) with Direction

SH 6 60 N

LR 420 SE

National Network

Y

Intersection

N

Other Site Information

Near Salisbury School 40m W

Height Above Ground (m)

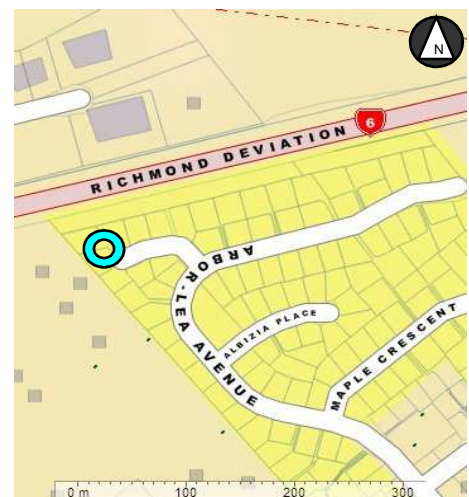
2.4

Nearest Tree (m)

5.0

Monitoring Note(s)

Jan-07 Commissioned



Site Name

Totara St

Site Code

WEL062

Region & Monitoring Zone

Nelson - Nelson

Area

Toi Toi

Site Type

Background

Source

-



Site Location

12 Totara St
Toi Toi, Nelson

Map Reference

	Easting	Northing
NZMG	2532559	5991511

	Easting	Northing
NZTM	1717812	6048753

Nearest Sensitive Receptor & Location

Residential Housing
Totara St

Distance (m)
10

Nearest SH & Local Road (m) with Direction

SH 6 1335 NW

LR 90 SE

National Network

Y

Intersection

N

Other Site Information

Near Victoria Primary School

Height Above Ground (m)

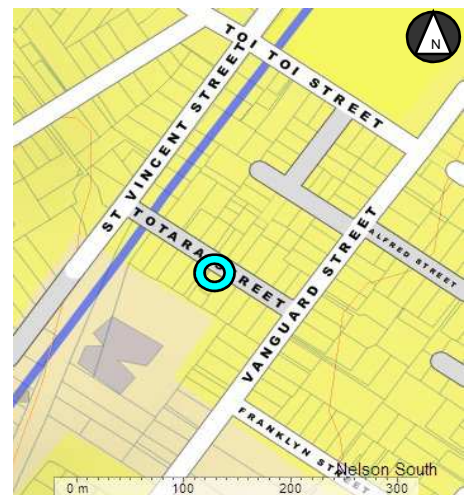
2.2

Nearest Tree (m)

10.0

Monitoring Note(s)

Mar-10 Commissioned



Monitoring Zone
Blenheim

Site Name

McLauchlan St

Site Code

WEL012

Region & Monitoring Zone

Marlborough - Blenheim

Area

Blenheim

Site Type

SH

Source

Nelson St

Site Location

61 Nelson St
Blenheim, Blenheim

Map Reference

	Easting	Northing
NZMG	2588840	5966033

	Easting	Northing
NZTM	1717812	6048753

Nearest Sensitive Receptor & Location

Residential Housing / Marlborough Girls College	Distance (m)
Nelson St	20

Nearest SH & Local Road (m) with Direction

SH 6	3	N	LR	390	W
------	---	---	----	-----	---

National Network

Y

Intersection

N

Other Site Information

Opposite Marlborough Girls College. Section 61 Nelson St cleared early 2009.

Height Above Ground (m)

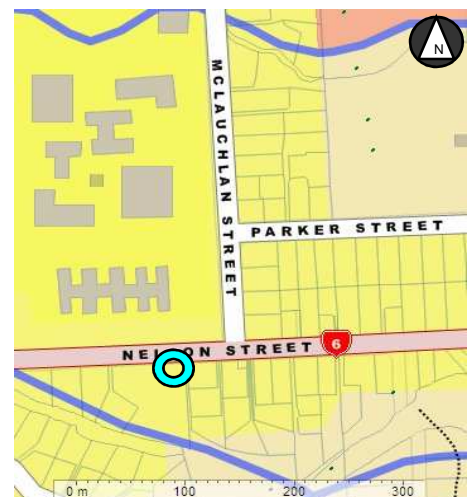
4.2

Nearest Tree (m)

10.0

Monitoring Note(s)

Jan-07 Commissioned



Monitoring Zone

Christchurch

Site Name

Queen Elizabeth II Dr

Site Code

CHR002

Region & Monitoring Zone

Canterbury - Christchurch

Area

Redwood

Site Type

SH

Source

Main North Rd

Site Location

204 Main North Rd
Redwood, Christchurch

Map Reference

	Easting	Northing
NZMG	2479019	5746886

	Easting	Northing
NZTM	1717812	6048753

Nearest Sensitive Receptor & Location

St Bedes College
210 Main North Rd

Distance (m)
30

Nearest SH & Local Road (m) with Direction

SH 74 2 N

LR 40 W

National Network

Y

Intersection

N

Other Site Information

Near St Bedes College

Height Above Ground (m)

3.2

Nearest Tree (m)

20.0

Monitoring Note(s)

Jan-07 Commissioned



Site Name

Curletts Rd

Site Code

CHR003

Region & Monitoring Zone

Canterbury - Christchurch

Area

Riccarton

Site Type

SH

Source

Yaldhurst Rd

Site Location

34 Yaldhurst Rd
Riccarton, Christchurch

Map Reference

	Easting	Northing
NZMG	2475124	5741781

	Easting	Northing
NZTM	1717812	6048753

Nearest Sensitive Receptor & Location

Villa Maria College
21 Peer St

Distance (m)
30

Nearest SH & Local Road (m) with Direction

SH 73 5 SW

LR 5 W

National Network

Y

Intersection

Y

Other Site Information

Near Villa Maria College

Height Above Ground (m)

3.3

Nearest Tree (m)

10.0

Monitoring Note(s)

Jan-07 Commissioned



Site Name

Ferry Rd

Site Code

CHR006

Region & Monitoring Zone

Canterbury - Christchurch

Area

Woolston

Site Type

SH

Source

Rutherford St

Site Location

698 Ferry Rd
Woolston, Christchurch



Map Reference

	Easting	Northing
NZMG	2484754	5739484

	Easting	Northing
NZTM	1717812	6048753

Nearest Sensitive Receptor & Location

Residential Housing / Bamford School
Ferry Rd

Distance (m)
20

Nearest SH & Local Road (m) with Direction

SH 74A 12 NW

LR 5 NE

National Network

Y

Intersection

Y

Other Site Information

Near Bamford School

Height Above Ground (m)

3.4

Nearest Tree (m)

10.0

Monitoring Note(s)

Jan-07 Commissioned



Site Name

Parker St

Site Code

CHR011

Region & Monitoring Zone

Canterbury - Christchurch

Area

Hornby

Site Type

SH

Source

Main South Rd

Site Location

2 Parker St
Hornby, Christchurch

Map Reference

	Easting	Northing
NZMG	2470921	5740232

	Easting	Northing
NZTM	1717812	6048753

Nearest Sensitive Receptor & Location

Residential Housing
Parker St

Distance (m)
15

Nearest SH & Local Road (m) with Direction

SH 1 10 S

LR 5 W

National Network

Y

Intersection

Y

Other Site Information

-

Height Above Ground (m)

2.9

Nearest Tree (m)

14.0

Monitoring Note(s)

Apr-10 Commissioned



Site Name

Johns Rd

Site Code

CHR013

Region & Monitoring Zone

Canterbury - Christchurch

Area

Belfast

Site Type

SH

Source

Main North Rd

Site Location

730 Main North Rd
Belfast, Christchurch

Map Reference

	Easting	Northing
NZMG	2479958	5750638

	Easting	Northing
NZTM	1717812	6048753

Nearest Sensitive Receptor & Location

Residential Housing
Main North Rd

Distance (m)
6

Nearest SH & Local Road (m) with Direction

SH 74 & 1 3 W

LR 1695 N

National Network

Y

Intersection

Y

Other Site Information

-

Height Above Ground (m)

3.2

Nearest Tree (m)

16.0

Monitoring Note(s)

Apr-10 Commissioned



Site Name

Waltham Rd

Site Code

CHR014

Region & Monitoring Zone

Canterbury - Christchurch

Area

Waltham

Site Type

SH

Source

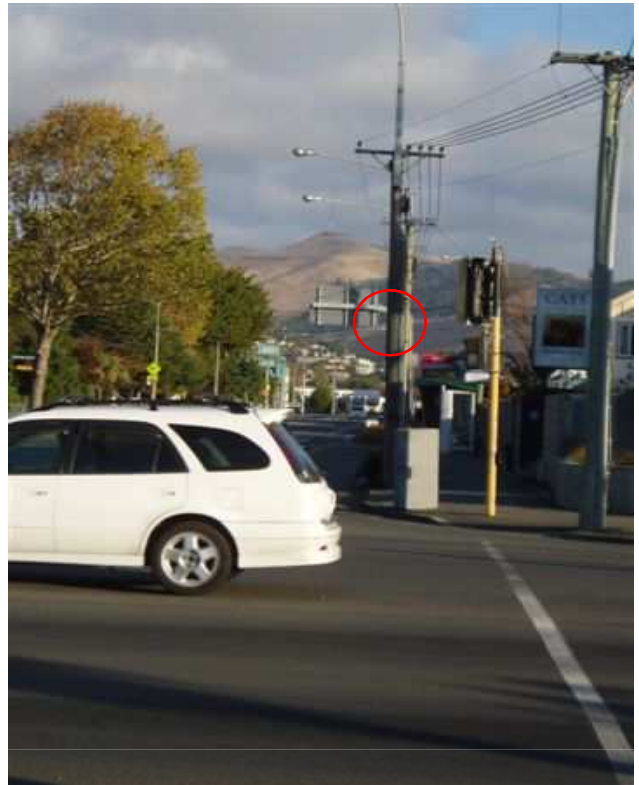
Brougham St

Site Location

145 Waltham Rd
Waltham, Christchurch

Map Reference

	Easting	Northing
NZMG	2481459	5739921



	Easting	Northing
NZTM	1717812	6048753

Nearest Sensitive Receptor & Location

Residential Housing
Waltham Rd

Distance (m)
8

Nearest SH & Local Road (m) with Direction

SH 73 12 N

LR 5 E

National Network

Y

Intersection

Y

Other Site Information

-

Height Above Ground (m)

2.9

Nearest Tree (m)

15.0

Monitoring Note(s)

Apr-10 Commissioned



Site Name

Grahams Rd

Site Code

CHR012

Region & Monitoring Zone

Canterbury - Christchurch

Area

Burnside

Site Type

Local

Source

Memorial Ave

Site Location

233 Memorial Ave
Burnside, Christchurch

Map Reference

	Easting	Northing
NZMG	2475318	5744438



	Easting	Northing
NZTM	1717812	6048753

Nearest Sensitive Receptor & Location

Residential Housing
Memorial Ave

Distance (m)
10

Nearest SH & Local Road (m) with Direction

SH 1 2195 NW

LR 1 N

National Network

Y

Intersection

Y

Other Site Information

Near Burnside High School

Height Above Ground (m)

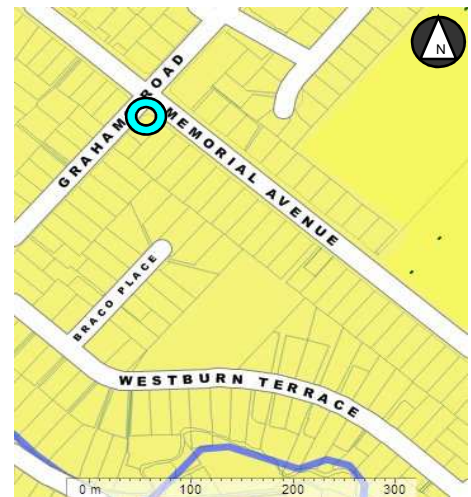
3.0

Nearest Tree (m)

10.0

Monitoring Note(s)

Apr-10 Commissioned



Site Name

North Pde

Site Code

CHR015

Region & Monitoring Zone

Canterbury - Christchurch

Area

Shirley

Site Type

Local

Source

Shirley Rd



Site Location

4 New Brighton Rd
Shirley, Christchurch

Map Reference

	Easting	Northing
NZMG	2482769	5744328

	Easting	Northing
NZTM	1717812	6048753

Nearest Sensitive Receptor & Location

Residential Housing
New Brighton Rd

Distance (m)
12

Nearest SH & Local Road (m) with Direction

SH 74 2005 N

LR 10 W

National Network

Y

Intersection

Y

Other Site Information

-

Height Above Ground (m)

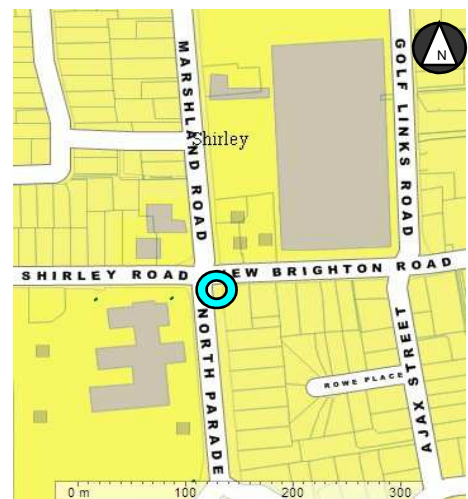
3.1

Nearest Tree (m)

12.0

Monitoring Note(s)

Apr-10 Commissioned



Site Name

Norwich St

Site Code

CHR016

Region & Monitoring Zone

Canterbury - Christchurch

Area

Linwood

Site Type

Local

Source

Buckleys Rd



Site Location

22 Buckleys Rd
Linwood, Christchurch

Map Reference

	Easting	Northing
NZMG	2483685	5741606

	Easting	Northing
NZTM	1717812	6048753

Nearest Sensitive Receptor & Location

Retail Area
Buckleys Rd

Distance (m)
7

Nearest SH & Local Road (m) with Direction

SH 73 2150 SW

LR 3 NW

National Network

Y

Intersection

Y

Other Site Information

-

Height Above Ground (m)

3.0

Nearest Tree (m)

10.0

Monitoring Note(s)

Apr-10 Commissioned



Site Name

ECan Riccarton Rd

Site Code

CHR017 - CHR019

Region & Monitoring Zone

Canterbury - Christchurch

Area

Riccarton

Site Type

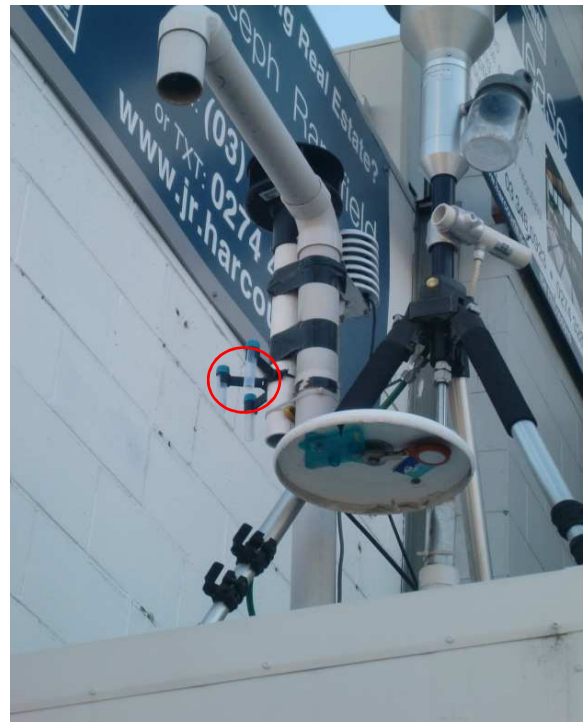
Local

Source

-

Site Location

122 Riccarton Rd
Riccarton, Christchurch



Map Reference

	Easting	Northing
NZMG	2477569	5741888

	Easting	Northing
NZTM	1717812	6048753

Nearest Sensitive Receptor & Location

Retail Area
Riccarton Rd

Distance (m)
50

Nearest SH & Local Road (m) with Direction

SH 73 1900 S

LR 5 S

National Network

Y

Intersection

Y

Other Site Information

AQ Station. Co-located in triplicate.

Height Above Ground (m)

3.0

Nearest Tree (m)

70.0

Monitoring Note(s)

Apr-10 Commissioned



Site Name

Nash Rd

Site Code

CHR004

Region & Monitoring Zone

Canterbury - Christchurch

Area

Hilmorton

Site Type

Background

Source

-

Site Location

Cnr Nash Rd & Aidanfield Dr
Hilmorton, Christchurch

Map Reference

	Easting	Northing
NZMG	2475309	5738046

	Easting	Northing
NZTM	1717812	6048753

Nearest Sensitive Receptor & Location

Canterbury Christian College
Nash Rd

Distance (m)
60

Nearest SH & Local Road (m) with Direction

SH 75 440 SE

LR 715 SW

National Network

Y

Intersection

N

Other Site Information

Christchurch Southern Motorway Extension "project site"
2007 - 2009. Near St John of God Hospital.

Height Above Ground (m)

3.1

Nearest Tree (m)

20.0

Monitoring Note(s)

Jan-07 Commissioned



Site Name

ECan Coles Pl

Site Code

CHR020 - CHR022

Region & Monitoring Zone

Canterbury - Christchurch

Area

St Albans

Site Type

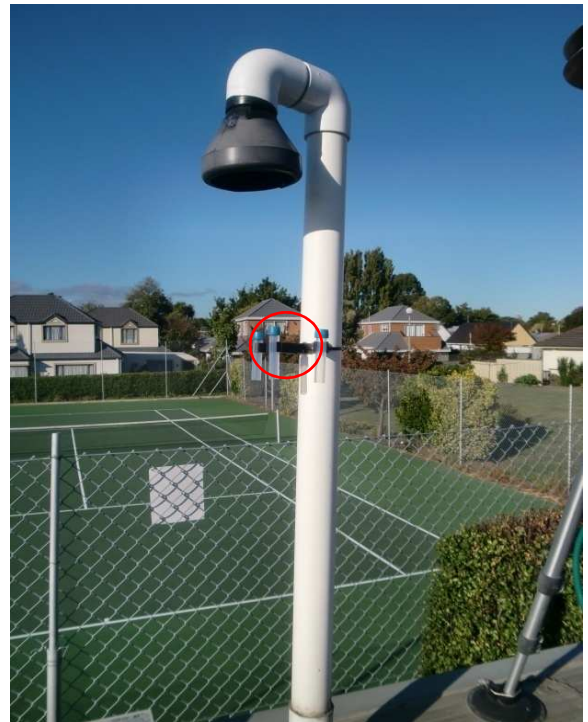
Background

Source

-

Site Location

21 Coles Pl
St Albans, Christchurch



Map Reference

	Easting	Northing
NZMG	2480393	5743956

	Easting	Northing
NZTM	1717812	6048753

Nearest Sensitive Receptor & Location

Residential Housing
Coles Pl

Distance (m)
40

Nearest SH & Local Road (m) with Direction

SH 74 2545 N

LR 155 W

National Network

Y

Intersection

N

Other Site Information

AQ Station. Co-located in triplicate.

Height Above Ground (m)

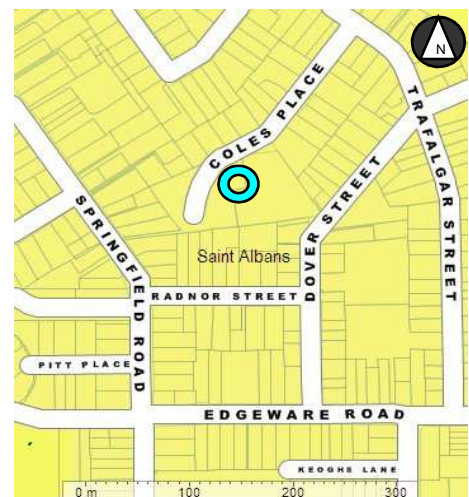
3.5

Nearest Tree (m)

10.0

Monitoring Note(s)

Apr-10 Commissioned



Monitoring Zone

Greymouth

Site Name

School Lane

Site Code

CHR001

Region & Monitoring Zone

Greymouth - Greymouth

Area

Greymouth

Site Type

SH

Source

Tainui St

Site Location

180 Tainui St
Greymouth, Greymouth

Map Reference

	Easting	Northing
NZMG	2362535	5859679

	Easting	Northing
NZTM	1717812	6048753

Nearest Sensitive Receptor & Location

Karoro Learning Centre
180 Tainui St

Distance (m)
13

Nearest SH & Local Road (m) with Direction

SH 6 1 N

LR 175 SE

National Network

Y

Intersection

N

Other Site Information

Outside Karoro Learning Centre

Height Above Ground (m)

2.3

Nearest Tree (m)

16.0

Monitoring Note(s)

Jan-07 Commissioned



Monitoring Zone
Dunedin

Site Name

Hanover St

Site Code

DUN001

Region & Monitoring Zone

Otago - Dunedin

Area

Dunedin

Site Type

SH

Source

Cumberland St

Site Location

Crn Hanover St & Cumberland St
Dunedin, Dunedin

Map Reference

	Easting	Northing
NZMG	2316457	5478947

	Easting	Northing
NZTM	1717812	6048753

Nearest Sensitive Receptor & Location

Dunedin Hospital
201 Great King St

Distance (m)
30

Nearest SH & Local Road (m) with Direction

SH 1 2 NW

LR 195 S

National Network

Y

Intersection

Y



Other Site Information

Opposite Dunedin Hospital

Height Above Ground (m)

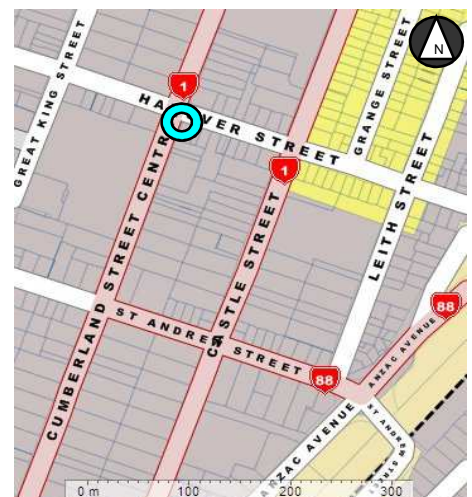
3.0

Nearest Tree (m)

15.0

Monitoring Note(s)

Jan-07 Commissioned



Site Name

Barnes Dr

Site Code

DUN002

Region & Monitoring Zone

Otago - Dunedin

Area

Caversham

Site Type

SH

Source

Dunedin Southern Motorway

Site Location

16 Barnes Dr
Caversham, Dunedin

Map Reference

	Easting	Northing
NZMG	2314122	5476231

	Easting	Northing
NZTM	1717812	6048753

Nearest Sensitive Receptor & Location

Residential Housing
Barnes Dr

Distance (m)
5

Nearest SH & Local Road (m) with Direction

SH 1 40 S

LR 150 S

National Network

Y

Intersection

N

Other Site Information

-

Height Above Ground (m)

3.0

Nearest Tree (m)

5.0

Monitoring Note(s)

Mar-07 Commissioned



Site Name

Gladstone Rd

Site Code

DUN006

Region & Monitoring Zone

Otago - Dunedin

Area

Mosgiel

Site Type

SH

Source

Quarry Rd



Site Location

1 Gladstone Rd South
Mosgiel, Dunedin

Map Reference

	Easting	Northing
NZMG	2304510	5476884

	Easting	Northing
NZTM	1717812	6048753

Nearest Sensitive Receptor & Location

Residential Housing
Gladstone Rd North

Distance (m)
30

Nearest SH & Local Road (m) with Direction

SH 87 1 E

LR 80 N

National Network

Y

Intersection

Y

Other Site Information

-

Height Above Ground (m)

3.0

Nearest Tree (m)

20.0

Monitoring Note(s)

Apr-10 Commissioned



Site Name

Old Brighton Rd

Site Code

DUN003

Region & Monitoring Zone

Otago - Dunedin

Area

Fairfield

Site Type

Local

Source

Dunedin Southern Motorway

Site Location

Cnr Old Brighton Rd & Sickels St
Fairfield, Dunedin

Map Reference

	Easting	Northing
NZMG	2307542	5475355

	Easting	Northing
NZTM	1717812	6048753

Nearest Sensitive Receptor & Location

Residential Housing / Fairfield School
Sickels St

Distance (m)
10

Nearest SH & Local Road (m) with Direction

SH 1 150 S

LR 2 E

National Network

Y

Intersection

N

Other Site Information

Near Fairfield School

Height Above Ground (m)

3.0

Nearest Tree (m)

5.0

Monitoring Note(s)

Mar-07 Commissioned



Site Name

Strathmore Cres

Site Code

DUN008

Region & Monitoring Zone

Otago - Dunedin

Area

Roslyn

Site Type

Local

Source

Stuart St

Site Location

379 Stuart St
Roslyn, Dunedin

Map Reference

	Easting	Northing
NZMG	2315159	5479259

	Easting	Northing
NZTM	1717812	6048753

Nearest Sensitive Receptor & Location

Residential Housing
Stuart St

Distance (m)
5

Nearest SH & Local Road (m) with Direction

SH 1 1310 E

LR 10 NE

National Network

Y

Intersection

N

Other Site Information

-

Height Above Ground (m)

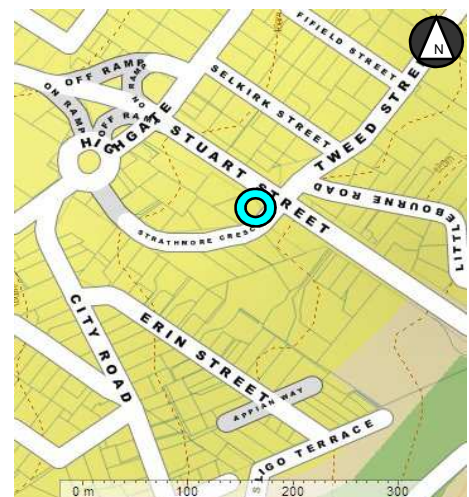
3.0

Nearest Tree (m)

10.0

Monitoring Note(s)

Apr-10 Commissioned



Site Name

Bay View Rd

Site Code

DUN009

Region & Monitoring Zone

Otago - Dunedin

Area

South Dunedin

Site Type

Local

Source

Anderson Bay Rd

Site Location

555 Anderson Bay Rd
South Dunedin, Dunedin

Map Reference

	Easting	Northing
NZMG	2316566	5475998

	Easting	Northing
NZTM	1717812	6048753

Nearest Sensitive Receptor & Location

Residential Housing
Anderson Bay Rd

Distance (m)
20

Nearest SH & Local Road (m) with Direction

SH 1 1215 NW

LR 2 N

National Network

Y

Intersection

Y

Other Site Information

-

Height Above Ground (m)

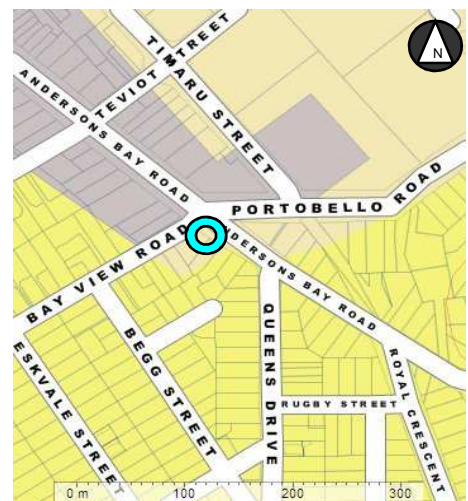
3.0

Nearest Tree (m)

50.0

Monitoring Note(s)

Apr-10 Commissioned



Site Name

Durham St

Site Code

DUN007

Region & Monitoring Zone

Otago - Dunedin

Area

Mornington

Site Type

Background

Source

-



Site Location

Opposite 46 Durham St
Mornington, Dunedin

Map Reference

	Easting	Northing
NZMG	2313874	5477603

	Easting	Northing
NZTM	1717812	6048753

Nearest Sensitive Receptor & Location

Mornington Playcentre
37 Durham St

Distance (m)
3

Nearest SH & Local Road (m) with Direction

SH 1 1470 S

LR 50 W

National Network

Y

Intersection

N

Other Site Information

Outside Mornington Playcentre

Height Above Ground (m)

3.0

Nearest Tree (m)

20.0

Monitoring Note(s)

Apr-10 Commissioned



Monitoring Zone

Queenstown

Site Name

Sydney St

Site Code

DUN004

Region & Monitoring Zone

Otago - Queenstown

Area

Queenstown

Site Type

SH

Source

Stanley St

Site Location

Crn Sydney St & Stanley St
Queenstown, Queenstown



Map Reference

	Easting	Northing
NZMG	2168560	5566006

	Easting	Northing
NZTM	1717812	6048753

Nearest Sensitive Receptor & Location

Residential Housing
Stanley St

Distance (m)
100

Nearest SH & Local Road (m) with Direction

SH 6A 3 NE

LR 455 NW

National Network

Y

Intersection

N

Other Site Information

Air Shed. Near Southern Lakes Christian School.

Height Above Ground (m)

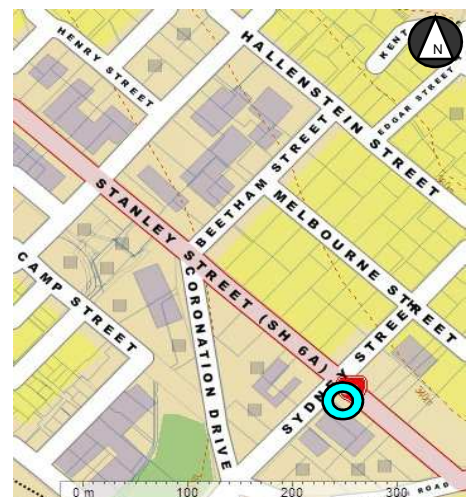
3.0

Nearest Tree (m)

5.0

Monitoring Note(s)

Jan-07 Commissioned



Monitoring Zone

Invercargill

Site Name

Don St

Site Code

DUN005

Region & Monitoring Zone

Southland - Invercargill

Area

Invercargill

Site Type

SH

Source

Dee St

Site Location

50 Dee St
Invercargill, Invercargill

Map Reference

	Easting	Northing
NZMG	2152166	5411731

	Easting	Northing
NZTM	1717812	6048753

Nearest Sensitive Receptor & Location

Public Library
50 Dee St

Distance (m)
5

Nearest SH & Local Road (m) with Direction

SH 6 1 E

LR 265 E

National Network

Y

Intersection

N

Other Site Information

Outside Library

Height Above Ground (m)

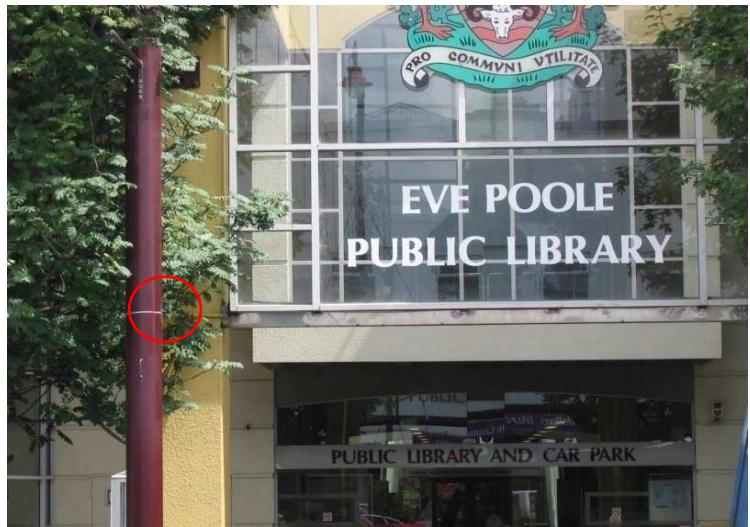
3.0

Nearest Tree (m)

3.0

Monitoring Note(s)

Jan-07 Commissioned



Site Name

Terrace St

Site Code

DUN010

Region & Monitoring Zone

Southland - Invercargill

Area

Rosedale

Site Type

Background

Source

-



Site Location

33 Terrace St
Rosedale, Invercargill

Map Reference

	Easting	Northing
NZMG	2153191	5414246

	Easting	Northing
NZTM	1717812	6048753

Nearest Sensitive Receptor & Location

Residential Housing
Terrace St

Distance (m)
10

Nearest SH & Local Road (m) with Direction

SH 6 1130 W

LR 50 W

National Network

Y

Intersection

N

Other Site Information

-

Height Above Ground (m)

3.0

Nearest Tree (m)

10.0

Monitoring Note(s)

May-10 Commissioned

