## Construction Noise and Vibration and Groundwater Standards Non-Compliances and Flood Hazards

Pipe Jacking Option B1: Shallower shaft excavation

Pipe Jacking Option B2: Involves deeper shaft excavation

TBM: Tunnel Boring Machine Option

It should be noted that the permitted construction noise levels are 70dB LAeq.

ID	Property Address	Shaft No	Groundwater Non- Compliance	Construction Noise and Vibration Non- Compliance <sup>1</sup>	Comment
1	29 East Street, Newton	1			<ul> <li>Groundwater</li> <li>12 mm of total settlement for Pipe Jacking         Option B1 and B2</li> <li>16 mm of total settlement for TBM</li> <li>Construction Noise and Vibration</li> </ul>

<sup>&</sup>lt;sup>1</sup> Worst-case construction noise and vibration levels have been considered across both construction methodologies and also includes the works needed to establish and operate the shafts. The CNVMP notes open cut trenching. This relates to the following activities:

Temporary excavation support – trench shield installation

Removal of spoil – to be loaded onto truck and removed from site

Install bedding and then new pipe, manhole backfill

Reinstatement works

ID	Property Address	Shaft No	Groundwater Non- Compliance	Construction Noise and Vibration Non- Compliance <sup>1</sup>	Comment
					<ul> <li>Vibration will be 4-5 mm/s PPV</li> <li>Shaft construction will be 85dB L<sub>Aeq</sub></li> <li>Open cut trenching will be 84dB L<sub>Aeq</sub></li> <li>Flood Hazard</li> <li>Insignificant</li> </ul>
2	4 South Street, Newton	1			<ul> <li>Construction Noise and Vibration</li> <li>Vibration will be 4-5 mm/s PPV</li> <li>Shaft construction will be 72dB L<sub>Aeq</sub></li> <li>Open trenching will be 82dB L<sub>Aeq</sub></li> </ul>
3	38 East Street, Newton (also noted as 23 East Street, Newton on GeoMaps)	1			<ul> <li>Groundwater</li> <li>19 mm of total settlement for Pipe Jacking         Option B2 and TBM</li> <li>11 mm of total settlement for Pipe Jacking         Option B1</li> <li>Construction Noise and Vibration</li> <li>Shaft construction will be 71dB L<sub>Aeq</sub></li> </ul>
4	31 Mercury Lane, Newton	1			<ul> <li>Groundwater</li> <li>19 mm of total settlement for TBM</li> <li>15 mm of total settlement for Pipe Jacking Option B2</li> </ul>

ID	Property Address	Shaft No	Groundwater Non- Compliance	Construction Noise and Vibration Non- Compliance <sup>1</sup>	Comment
					<ul> <li>Construction Noise and Vibration</li> <li>Shaft construction will be 71dB L<sub>Aeq</sub></li> <li>Flood Hazard</li> <li>Insignificant</li> </ul>
5	17 South Street, Newton	1			Groundwater  16 mm of total settlement for TBM Flood Hazard  Insignificant
6	9 Suffolk Street, Eden Terrace	2			Construction Noise and VibrationOpen trenching will be 72dB L <sub>Aeq</sub> Flood Hazard  High hazard
7	25 Mostyn Street, Kingsland	3			<ul> <li>Groundwater</li> <li>15 mm of total settlement for TBM and Pipe Jacking Option B2</li> <li>13 mm of total settlement for Pipe Jacking Option B1</li> <li>Construction Noise and Vibration</li> <li>Shaft construction will be 84dB L<sub>Aeq</sub></li> <li>Open trenching will be 75dB L<sub>Aeq</sub></li> <li>Vibration will be 4-5 mm/s PPV</li> </ul>

ID	Property Address	Shaft No	Groundwater Non- Compliance	Construction Noise and Vibration Non- Compliance <sup>1</sup>	Comment
					Flood Hazard  ■ High hazard
8	23 Mostyn Street, Kingsland	3			Construction Noise and Vibration  Shaft construction will be 79dB L <sub>Aeq</sub> Flood Hazard  High hazard
9	22 Mostyn Street, Kingsland	3			<ul> <li>Groundwater</li> <li>11 mm of total settlement for all methodologies</li> <li>Construction Noise and Vibration</li> <li>Shaft construction will be 80dB LAeq</li> <li>Flood Hazard</li> <li>High hazard</li> </ul>
10	21 Mostyn Street, Kingsland	3		$\boxtimes$	Construction Noise and Vibration  Shaft construction will be 71dB L <sub>Aeq</sub>
11	20 Mostyn Street, Kingsland	3			Construction Noise and Vibration  Shaft construction will be 79dB L <sub>Aeq</sub>

ID	Property Address	Shaft No	Groundwater Non- Compliance	Construction Noise and Vibration Non- Compliance <sup>1</sup>	Comment
					Flood Hazard  High hazard
12	19 Mostyn Street, Kingsland	3			Construction Noise and Vibration  Shaft construction will be 71dB L <sub>Aeq</sub>
13	18 Mostyn Street, Kingsland	3			Construction Noise and Vibration  Shaft construction will be 76dB L <sub>Aeq</sub>
14	16 Mostyn Street, Kingsland	3			Construction Noise and Vibration  Shaft construction will be 74dB L <sub>Aeq</sub>
15	14 Mostyn Street, Kingsland	3			Construction Noise and Vibration  Shaft construction will be 72dB L <sub>Aeq</sub>
16	26 Buchanan Street, Kingsland	3			Construction Noise and Vibration  Shaft construction will be 72dB L <sub>Aeq</sub> Open trenching will be 76dB L <sub>Aeq</sub>
17	27 Buchanan Street, Kingsland	3			Construction Noise and Vibration  Open trenching will be 73dB L <sub>Aeq</sub>
18	28 Buchanan Street, Kingsland	3			Construction Noise and Vibration  Shaft construction will be 73dB L <sub>Aeq</sub> Open trenching will be 82dB L <sub>Aeq</sub>

ID	Property Address	Shaft No	Groundwater Non- Compliance	Construction Noise and Vibration Non- Compliance <sup>1</sup>	Comment
					<ul> <li>Construction vibration will be 6-7mm/s PPV</li> <li>Flood Hazard</li> <li>High hazard</li> </ul>
19	29 Buchanan Street, Kingsland	3		$\boxtimes$	Construction Noise and Vibration  Open trenching will be 77dB L <sub>Aeq</sub>
20	30 Buchanan Street, Kingsland	3			Construction Noise and Vibration  Shaft construction will be 72dB L <sub>Aeq</sub> Open trenching will be 85dB L <sub>Aeq</sub> Construction vibration will be 6-7mm/s PPV  Flood Hazard  High hazard
21	31 Buchanan Street, Kingsland	3			Construction Noise and Vibration  Open trenching will be 77dB L <sub>Aeq</sub> Vibration will be 3-4mm/s PPV
22	24 Central Road, Kingsland	4			Construction Noise and Vibration  Shaft construction will be 81dB L <sub>Aeq</sub> Open trenching will be 71dB L <sub>Aeq</sub> Flood hazard

ID	Property Address	Shaft No	Groundwater Non- Compliance	Construction Noise and Vibration Non- Compliance <sup>1</sup>	Comment
					<ul> <li>Low hazard for all except infants and very small children</li> </ul>
23	1 Third Avenue, Kingsland	4			<ul> <li>Construction Noise and Vibration</li> <li>Shaft construction will be 73dB L<sub>Aeq</sub></li> <li>Flood hazard</li> <li>Low hazard for all except infants and very small children</li> </ul>
24	9 Fourth Avenue, Kingsland	4			<ul> <li>Construction Noise and Vibration</li> <li>Shaft construction will be 71dB L<sub>Aeq</sub></li> <li>Flood hazard</li> <li>Low hazard for all except infants and very small children</li> </ul>
25	3 Third Avenue, Kingsland	4			<ul> <li>Construction Noise and Vibration</li> <li>Shaft construction will be 71dB L<sub>Aeq</sub></li> <li>Flood hazard</li> <li>Low hazard for all except infants and very small children</li> </ul>

ID	Property Address	Shaft No	Groundwater Non- Compliance	Construction Noise and Vibration Non- Compliance <sup>1</sup>	Comment
26	41 Kingsland Avenue, Kingsland	5			<ul> <li>Groundwater</li> <li>11 mm of total settlement for all methodologies</li> <li>Construction Noise and Vibration</li> <li>Shaft construction will be 78dB L<sub>Aeq</sub></li> <li>Open trenching will be 84dB L<sub>Aeq</sub></li> <li>Construction vibration will be 5-6mm/s PPV</li> <li>Groundwater</li> </ul>
21	50 Kingsland Avenue, Kingsland (also referred to as 50B Kingsland Avenue on GeoMaps)	5			<ul> <li>15 mm of total settlement for all methodologies</li> <li>Construction Noise and Vibration</li> <li>Shaft construction will be 82dB L<sub>Aeq</sub></li> <li>Open trenching will be 79dB L<sub>Aeq</sub></li> <li>Construction vibration will be 4-5mm/s PPV</li> <li>Flood Hazard</li> <li>Low hazard for able-bodied adults and high hazard for children and the elderly and the mobility impaired</li> </ul>
28	52 Kingsland Avenue, Kingsland	5		$\boxtimes$	Groundwater

ID	Property Address	Shaft No	Groundwater Non- Compliance	Construction Noise and Vibration Non- Compliance <sup>1</sup>	Comment
					<ul> <li>23 mm of total settlement for all methodologies</li> <li>Construction Noise and Vibration</li> <li>Shaft construction will be 101dB L<sub>Aeq</sub></li> <li>Open trenching will be 81dB L<sub>Aeq</sub></li> <li>Construction vibration will be 7-8mm/s PPV</li> </ul>
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29	37 Kingsland Avenue, Kingsland	5			<ul> <li>Construction Noise and Vibration</li> <li>Shaft construction will be 76dB L<sub>Aeq</sub></li> <li>Open trenching will be 72dB L<sub>Aeq</sub></li> </ul>
30	39 Kingsland Avenue, Kingsland	5			<ul> <li>Groundwater</li> <li>10 mm of total settlement for all methodologies</li> <li>Construction Noise and Vibration</li> <li>Shaft construction will be 76dB L<sub>Aeq</sub></li> <li>Open trenching will be 75dB L<sub>Aeq</sub></li> <li>Construction vibration will be 3-4mm/s PPV</li> <li>Flood Hazard</li> </ul>

ID	Property Address	Shaft No	Groundwater Non- Compliance	Construction Noise and Vibration Non- Compliance <sup>1</sup>	Comment
					<ul> <li>Low hazard for able-bodied adults and high hazard for children and the elderly and the mobility impaired</li> </ul>
31	35 Kingsland Avenue, Kingsland	5		$\boxtimes$	Construction Noise and Vibration  Shaft construction will be 75 (81)dB L <sub>Aeq</sub>
32	48 Kingsland Avenue, Kingsland	5			<ul> <li>Construction Noise and Vibration</li> <li>Shaft construction will be 75dB L<sub>Aeq</sub></li> <li>Open trenching will be 72dB L<sub>Aeq</sub></li> <li>Flood Hazard</li> <li>Low hazard for able-bodied adults and high hazard for children and the elderly and the mobility impaired</li> </ul>
33	1/44 Kingsland Avenue	5			Construction Noise and Vibration  Shaft construction will be 71(80)dB L <sub>Aeq</sub>
34	67 Finch Street, Western Springs	6			Groundwater  ■ 10 mm of total settlement for all methodologies  Construction Noise and Vibration  ■ Shaft construction will be 88dB L <sub>Aeq</sub>

ID	Property Address	Shaft No	Groundwater Non- Compliance	Construction Noise and Vibration Non- Compliance <sup>1</sup>	Comment
					<ul> <li>Construction vibration will be 3-4mm/s PPV</li> <li>Flood Hazard</li> <li>Low hazard except for all except infants and very small children</li> </ul>
35	1 Levonia Street, Western Springs	6			<ul> <li>Groundwater</li> <li>11 mm of total settlement for all methodologies</li> <li>Construction Noise and Vibration</li> <li>Shaft construction will be 79dB L<sub>Aeq</sub></li> <li>Open trenching will be 71dB L<sub>Aeq</sub></li> <li>Construction vibration will be 3-4mm/s PPV</li> <li>Flood Hazard</li> <li>Low hazard except for all except infants and very small children</li> </ul>
36	69 Finch Street, Western Springs	6			Groundwater  ■ 10 mm of total settlement for all methodologies  Construction Noise and Vibration  ■ Shaft construction will be 78dB LAEQ

ID	Property Address	Shaft No	Groundwater Non- Compliance	Construction Noise and Vibration Non- Compliance <sup>1</sup>	Comment
37	3 Levonia Street, Western Springs	6			<ul> <li>Groundwater</li> <li>11 mm of total settlement for all methodologies</li> <li>Construction Noise and Vibration</li> <li>Shaft construction will be 76dB L<sub>Aeq</sub></li> <li>Flood Hazard</li> <li>Low hazard except for all except infants and very small children</li> </ul>
38	44 Don Croot Street, Western Springs	6			<ul> <li>Construction Noise and Vibration</li> <li>Shaft construction will be 72dB L<sub>Aeq</sub></li> <li>Flood Hazard</li> <li>Low hazard for all except infants and very small children</li> </ul>
39	30 Warwick Street, Western Springs	7			<ul> <li>Groundwater</li> <li>16 mm of total settlement for all methodologies</li> <li>Construction Noise and Vibration</li> <li>Shaft construction will be 89dB L<sub>Aeq</sub></li> <li>Open trenching will be 76dB L<sub>Aeq</sub></li> </ul>

ID	Property Address	Shaft No	Groundwater Non- Compliance	Construction Noise and Vibration Non- Compliance <sup>1</sup>	Comment
					<ul> <li>Construction vibration will be 4-5mm/s PPV</li> </ul>
40	17 Myrtle Street, Western Springs	7			<ul> <li>Groundwater</li> <li>11 mm of total settlement for all methodologies</li> <li>Construction Noise and Vibration</li> <li>Shaft construction will be 79dB L<sub>Aeq</sub></li> <li>Open trenching will be 72dB L<sub>Aeq</sub></li> </ul>
41	15 Myrtle Street, Western Springs	7			Construction Noise and Vibration  Shaft construction will be 73dB L <sub>Aeq</sub>
42	1/26 Warwick Street, Morningside	7			Groundwater  ■ 10 mm of total settlement for all methodologies  Construction Noise and Vibration  ■ Shaft construction will be 72dB LAEQ
43	29 Ivanhoe Road, Grey Lynn	7a			Construction Noise and Vibration  Shaft construction will be 78dB L <sub>Aeq</sub> Open trenching will be 73dB L <sub>Aeq</sub>
44	90/744 Great North Road (Apartments)	7a		$\boxtimes$	Construction Noise and Vibration

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					<ul> <li>Shaft construction will be 77dB L<sub>Aeq</sub></li> </ul>
45	25 Ivanhoe Road, Grey Lynn	7a		$\boxtimes$	Construction Noise and Vibration
					■ Shaft construction will be 77dB L <sub>Aeq</sub>
					<ul> <li>Open trenching will be 71dB L<sub>Aeq</sub></li> </ul>
46	27 Ivanhoe Road, Grey Lynn	7a		$\boxtimes$	Construction Noise and Vibration
					■ Shaft construction will be 77dB L <sub>Aeq</sub>
					<ul> <li>Open trenching will be 71dB L<sub>Aeq</sub></li> </ul>
47	12 Ivanhoe Road, Grey Lynn	7a			Construction Noise and Vibration
					■ Shaft construction will be 74dB L <sub>Aeq</sub>
					<ul> <li>Open trenching will be 73dB L<sub>Aeq</sub></li> </ul>
48	31 Ivanhoe Road, Grey Lynn	7a		$\boxtimes$	Construction Noise and Vibration
					<ul> <li>Shaft construction will be 73dB L<sub>Aeq</sub></li> </ul>
					<ul> <li>Open trenching will be 73dB L<sub>Aeq</sub></li> </ul>
49	44/88 Tuarangi Road, Grey	7a		$\boxtimes$	Construction Noise and Vibration
	Lynn (Apartments)				■ Shaft construction will be 72dB L <sub>Aeq</sub>
50	57/736 Great North Road	7a		$\boxtimes$	Construction Noise and Vibration
	(Apartments)				■ Shaft construction will be 72dB L <sub>Aeq</sub>
51	19 Ivanhoe Road, Grey Lynn	7a		$\boxtimes$	Construction Noise and Vibration

ID	Property Address	Shaft No	Groundwater Non- Compliance	Construction Noise and Vibration Non- Compliance <sup>1</sup>	Comment
					<ul> <li>Shaft construction will be 71dB L<sub>Aeq</sub></li> </ul>
52	23 Ivanhoe Road, Grey Lynn	7a			Construction Noise and Vibration  Shaft construction will be 71dB L <sub>Aeq</sub>
53	21 Ivanhoe Road, Grey Lynn	7a			Construction Noise and Vibration  Shaft construction will be 71dB LAeq
54	17 Ivanhoe Road, Grey Lynn	7a			Construction Noise and Vibration  Shaft construction will be 71dB L <sub>Aeq</sub>
55	16 Ivanhoe Road, Grey Lynn	7a			Construction Noise and Vibration  Open trenching will be 72dB L <sub>Aeq</sub>
56	35 Ivanhoe Road, Grey Lynn	7a			Construction Noise and Vibration  Open trenching will be 73dB L <sub>Aeq</sub>
57	27 Edinburgh Street, Newton	9			Construction Noise and Vibration  Shaft construction will be 88dB L <sub>Aeq</sub> Flood Hazard  Insignificant
58	16 Edinburgh Street, Newton	9			Construction Noise and Vibration  Shaft construction will be 74dB L <sub>Aeq</sub>

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					Flood Hazard  Insignificant
59	23 Edinburgh Street, Newton	9			Construction Noise and Vibration  Shaft construction will be 73dB L <sub>Aeq</sub> Flood Hazard Insignificant
60	19 Gundry Street, Newton	10			Low hazard for all except infants and very small children
61	4B/6 Winchester Street, Newton	10			Construction Noise and Vibration  Shaft construction will be 80dB L <sub>Aeq</sub> Open trenching will be 79dB L <sub>Aeq</sub> Flood Hazard  Low hazard for all except infants and very small children
62	20 Gundry Street, Newton	10			<ul> <li>Construction Noise and Vibration</li> <li>Shaft construction will be 77dB L<sub>Aeq</sub></li> <li>Open trenching will be 75dB L<sub>Aeq</sub></li> </ul>

ID	Property Address	Shaft No	Groundwater Non- Compliance	Construction Noise and Vibration Non- Compliance <sup>1</sup>	Comment
63	15 Gundry Street, Newton	10			<ul> <li>Construction Noise and Vibration</li> <li>Shaft construction will be 72dB L<sub>Aeq</sub></li> <li>Open trenching will be 73dB L<sub>Aeq</sub></li> </ul>
64	15 Burgoyne Street, Grey Lynn	11			<ul> <li>Construction Noise and Vibration</li> <li>Shaft construction will be 88dB L<sub>Aeq</sub></li> <li>Flood Hazard</li> <li>Low hazard for all except infants and very small children</li> </ul>
65	16 Nixon Street, Grey Lynn	11			<ul> <li>Construction Noise and Vibration</li> <li>Shaft construction will be 81dB L<sub>Aeq</sub></li> <li>Flood Hazard</li> <li>Low hazard for all except infants and very small children</li> </ul>
66	17/8 Burgoyne Street, Grey Lynn	11			Construction Noise and Vibration  Shaft construction will be 76dB L <sub>Aeq</sub>
67	13 Burgoyne Street, Grey Lynn	11			Construction Noise and Vibration  Shaft construction will be 75dB L <sub>Aeq</sub> Flood Hazard

ID	Property Address	Shaft No	Groundwater Non- Compliance	Construction Noise and Vibration Non- Compliance <sup>1</sup>	Comment
					<ul> <li>Low hazard for all except infants and very small children</li> </ul>
68	25 Nixon Street, Grey Lynn	11			Construction Noise and Vibration  Shaft construction will be 74dB L <sub>Aeq</sub>
69	11 Burgoyne Street, Grey Lynn	11			Construction Noise and Vibration ■ Shaft construction will be 72dB L <sub>Aeq</sub>
70	12 Fleet Street, Eden Terrace (also shows up as 12B Fleet Street, Eden Terrace on GeoMaps)	12a			<ul> <li>Construction Noise and Vibration</li> <li>Shaft construction will be 71dB L<sub>Aeq</sub></li> <li>Flood Hazard</li> <li>Low hazard for all except infants and very small children</li> </ul>
71	14 Fleet Street, Eden Terrace (also shows up as 1/14 and 2/14 Fleet Street, Eden Terrace on GeoMaps)	12a			<ul> <li>Groundwater</li> <li>10 mm of total settlement for all methodologies</li> <li>Construction Noise and Vibration</li> <li>Shaft construction will be 85dB L<sub>Aeq</sub></li> <li>Construction vibration will be 3-4mm/s PPV</li> <li>Flood Hazard</li> </ul>

ID	Property Address	Shaft No	Groundwater Non- Compliance	Construction Noise and Vibration Non- Compliance <sup>1</sup>	Comment
					<ul> <li>Low hazard for all except infants and very small children</li> </ul>
72	15 Fleet Street, Eden Terrace (Basque Park Apartments)	12a			Low hazard for all except infants and very small children
73	22C Fleet Street, Eden Terrace	12a			Low hazard for all except infants and very small children
74	103/22 Fleet Street, Eden Terrace	12a		$\boxtimes$	Construction Noise and Vibration  Shaft construction will be 79dB L <sub>Aeq</sub>
75	37 Fleet Street, Eden Terrace	12a			Construction Noise and Vibration  Shaft construction will be 78dB L <sub>Aeq</sub>
76	19-35 Fleet Street, Eden Terrace	12a			Construction Noise and Vibration  Shaft construction will be 76dB L <sub>Aeq</sub> Flood Hazard  Low hazard for all except infants and very small children
77	10 Fleet Street, Eden Terrace	12a			Construction Noise and Vibration

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					<ul> <li>Shaft construction will be 74dB L<sub>Aeq</sub></li> </ul>
78	9 Fleet Street, Eden Terrace	12a			Construction Noise and Vibration  Shaft construction will be 71dB L <sub>Aeq</sub>
79	11 Fleet Street, Eden Terrace	12a			<ul> <li>Construction Noise and Vibration</li> <li>Shaft construction will be 72dB L<sub>Aeq</sub></li> <li>Flood Hazard</li> <li>Low hazard for all except infants and very small children</li> </ul>
80	43 Cooper Street, Grey Lynn	13			<ul> <li>Construction Noise and Vibration</li> <li>Shaft construction will be 85dB L<sub>Aeq</sub></li> <li>Open trenching will be 77dB L<sub>Aeq</sub></li> <li>Construction vibration will be 3-4mm/s PPV</li> <li>Flood Hazard</li> <li>Low hazard for all except infants and very small children</li> </ul>
81	41 Cooper Street, Grey Lynn	13			<ul> <li>Construction Noise and Vibration</li> <li>Shaft construction will be 82dB L<sub>Aeq</sub></li> <li>Open trenching will be 77dB L<sub>Aeq</sub></li> <li>Construction vibration will be 3-4mm/s PPV</li> </ul>

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					Low hazard for all except infants and very small children
82	37 Cooper Street, Grey Lynn	13			Construction Noise and Vibration  Shaft construction will be 80dB L <sub>Aeq</sub> Open trenching will be 74dB L <sub>Aeq</sub>
83	39 Cooper Street, Grey Lynn	13			Construction Noise and Vibration  Shaft construction will be 80dB L <sub>Aeq</sub> Open trenching will be 74dB L <sub>Aeq</sub>
84	50 Cooper Street, Grey Lynn	13			Construction Noise and Vibration  Shaft construction will be 78dB L <sub>Aeq</sub> Open trenching will be 78dB L <sub>Aeq</sub> Construction vibration will be 3-4mm/s PPV  Flood Hazard  Low hazard for all except infants and very small children
85	48 Cooper Street, Grey Lynn	13			Construction Noise and Vibration  Shaft construction will be 77dB L <sub>Aeq</sub> Open trenching will be 76dB L <sub>Aeq</sub>

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					■ Construction vibration will be 3-4mm/s PPV
86	46 Cooper Street, Grey Lynn	13			Construction Noise and Vibration  Shaft construction will be 76dB L <sub>Aeq</sub> Open trenching will be 72dB L <sub>Aeq</sub>
87	44 Cooper Street, Grey Lynn	13			Construction Noise and Vibration  Shaft construction will be 73dB L <sub>Aeq</sub>
88	33 Cooper Street, Grey Lynn	13			Construction Noise and Vibration  Shaft construction will be 71dB L <sub>Aeq</sub>
89	39 Commercial Road, Grey Lynn	14			Construction Noise and Vibration  Shaft construction will be 76dB L <sub>Aeq</sub> Open trenching will be 71dB L <sub>Aeq</sub>
90	32 Commercial Road, Grey Lynn	14			Construction Noise and Vibration  Shaft construction will be 71dB L <sub>Aeq</sub>
91	34 Commercial Road, Grey Lynn	14			Construction Noise and Vibration  Shaft construction will be 71dB L <sub>Aeq</sub>
95	14 Suffolk Street, Eden Terrace	2			Flood Hazard  High hazard

ID	Property Address	Shaft No	Groundwater Non- Compliance	Construction Noise and Vibration Non- Compliance <sup>1</sup>	Comment
96	16 Suffolk Street, Eden Terrace	2			Flood Hazard  High hazard
97	17 Richbourne Street, Kingsland	3			Flood Hazard  High hazard
98	19 Richbourne Street, Kingsland	3			Flood Hazard  High hazard
99	4 Fourth Avenue, Kingsland	4			<ul><li>Flood hazard</li><li>Low hazard for all except infants and very small children</li></ul>
100	6 Fourth Avenue, Kingsland	4			<ul><li>Flood hazard</li><li>Low hazard for all except infants and very small children</li></ul>
101	8 Fourth Avenue, Kingsland	4			<ul><li>Flood hazard</li><li>Low hazard for all except infants and very small children</li></ul>
102	11 Fourth Avenue, Kingsland	4			<ul><li>Flood hazard</li><li>Low hazard for all except infants and very small children</li></ul>
103	13 Fourth Avenue, Kingsland	4			<ul><li>Flood hazard</li><li>Low hazard for all except infants and very small children</li></ul>

ID	Property Address	Shaft No	Groundwater Non- Compliance	Construction Noise and Vibration Non- Compliance <sup>1</sup>	Comment
104	15 Fourth Avenue, Kingsland	4			Low hazard for all except infants and very small children
105	19 Fourth Avenue, Kingsland	4			Low hazard for all except infants and very small children
106	19A Fourth Avenue, Kingsland	4			Low hazard for all except infants and very small children
107	5 Third Avenue, Kingsland	4			Low hazard for all except infants and very small children
108	2/39A Fourth Avenue, Kingsland	5			Flood Hazard  Low hazard for able-bodied adults and high hazard for children and the elderly and the mobility impaired
109	4/39A Fourth Avenue, Kingsland	5			Low hazard for able-bodied adults and high hazard for children and the elderly and the mobility impaired

ID	Property Address	Shaft No	Groundwater Non- Compliance	Construction Noise and Vibration Non- Compliance <sup>1</sup>	Comment
110	65 Finch Street, Western Springs	6			<ul><li>Flood Hazard</li><li>Low hazard for all except infants and very small children</li></ul>
111	5 Levonia Street, Western Springs	6			<ul><li>Flood Hazard</li><li>Low hazard except for all except infants and very small children</li></ul>
112	7 Levonia Street, Western Springs	6			Low hazard except for all except infants and very small children
113	9 Levonia Street, Western Springs	6			Low hazard except for all except infants and very small children
114	23 Levonia Street, Western Springs	7			Flood Hazard  Moderate hazard for able-bodied adults
115	30 Levonia Street, Western Springs	7			Flood Hazard  Moderate hazard for able-bodied adults
116	25 Warwick Street, Western Springs	7			Flood Hazard  Moderate hazard for able-bodied adults

ID	Property Address	Shaft No	Groundwater Non- Compliance	Construction Noise and Vibration Non- Compliance <sup>1</sup>	Comment
117	27 Warwick Street, Western Springs	7			Flood Hazard  Moderate hazard for able-bodied adults
118	20 Warwick Street, Western Springs	7			Flood Hazard  Moderate hazard for able-bodied adults
119	9 Myrtle Street, Western Springs	7			Flood Hazard  Moderate hazard for able-bodied adults
120	9A Myrtle Street, Western Springs	7			Flood Hazard  Moderate hazard for able-bodied adults
121	10 Myrtle Street, Western Springs	7			Flood Hazard  Moderate hazard for able-bodied adults
122	2/8 Myrtle Street, Western Springs	7			Flood Hazard  Moderate hazard for able-bodied adults
123	32 Cardigan Street, Western Springs	7			Flood Hazard  Moderate hazard for able-bodied adults
124	2/32 Cardigan Street, Western Springs	7			Flood Hazard  Moderate hazard for able-bodied adults
125	13 Ophir Street, Newton	9			Flood Hazard

ID	Property Address	Shaft No	Groundwater Non- Compliance	Construction Noise and Vibration Non- Compliance <sup>1</sup>	Comment
					<ul><li>Insignificant</li></ul>
126	24 Gundry Street, Newton	10			Low hazard for all except infants and very small children
127	13 Fleet Street, Eden Terrace	12			Low hazard for all except infants and very small children
128	24 Fleet Street, Eden Terrace	12			Low hazard for all except infants and very small children
129	43 Kingsland Avenue, Kingsland	2			Construction Noise and Vibration  ■ Shaft construction will be 67(78)dB L <sub>Aeq</sub>
130	30 Fourth Avenue, Kingsland	5			Construction Noise and Vibration  Shaft construction will be 60 (72)dB L <sub>Aeq</sub>