

5. That WML will convene regular bi-monthly meetings (or more frequently if necessary), commencing in early June 2006, throughout the term of the Licence, with a Council officer or officers to be nominated for that purpose (and attended by designated representatives of the Berthholders Association on any occasion at Council's discretion and by way of invitation from Council to do so) to address issues arising under the Sub-Licence and enable some direct oversight with respect to WML's maintenance dredging arrangements, and with respect to the upkeep and/or renewal of structures and marina facilities and any other relevant concerns, in compliance with obligations under the Sub-Licence.
6. That while the maintenance dredging deficit remains critical, and over at least the initial four years of the renewed licence term, Council will make provision for WML to report formally to Council, or one of its designated committees, on a quarterly basis, to provide detailed updates. This attendance shall be at WML's Chief Executive and Board level and the actual arrangements will be advised by the Director: Corporate and Civic Services from time to time.

WML agrees and acknowledges that failure to adhere strictly to any of the above conditions 1-6 inclusive may be treated by Council as default under the Seabed Sub-Licence entitling the Council to exercise appropriate remedies including cancellation.

WML also makes these additional commitments, warranties and undertakings, namely:

- (a) That the initial maintenance dredging contract will involve dredging and disposal of not less than 20,000 cubic metres by 31 December 2006. Any contract commitment by WML for that purpose will be after a contestable process and at the best price which can be obtained and the initial contract will not be signed without full prior disclosure to berthholders representatives.
- (b) That WML will commission pre and post dredging surveys to enable the amount of siltation removed to be certified/demonstrated to Council and berthholders in an acceptable manner and to underpin payment of accounts. All relevant information will be provided to Council's representatives at the regular meetings scheduled to be convened
- (c) That Bellingham Marine have been commissioned to do a report in respect to structures and systems (including electrical systems) associated with operational use of the Marina to identify any capital works replacement and maintenance programmes appropriate for such structures and systems. The result of this comprehensive survey will be provided to Council's representatives when available, together with an indication of the company's intentions with respect to any implementation of recommendations and the basis for funding provision.
- (d) That WML has entered into an "Agreement concerning the Interpretation and Operation of Westpark Marina Berth Licences" in the form annexed hereto with Westpark Marina Association Trust (WMAT) and that WML will comply with the terms and provisions set out in such Agreement (as the same may be altered by written agreement between WML and WMAT) during the term of renewed Seabed Sub-Licence provided that WMAT is likewise complying with its obligations under this agreement.


In turn, Council has acknowledged that WML is entitled to continue to levy the 15% management fee on maintenance dredging expenditure during the term of the Sub-Licence.

The parties also acknowledge that as at the date hereof a significant number of berth licences not renewed, or surrendered, have purported be reissued to or transferred to a limited liability company, Honk Berths Limited, without strict compliance with the provisions of the Sub-Licence relating to such renewals or transfers. Any agreement to renew the Seabed Sub-Licence for a further term or to receive the undertakings, covenants, commitments and acknowledgements herein, or recognition which may be given to such new or transferred berth licences at any time or times, shall not be, or be deemed to be, any waiver of the terms and provisions of the said Sub-Licence (other than in respect of the transfer of berths to Honk Berths Limited as referred to above).


Dated this 31st day of May 2006.

WESTPARK MARINA LIMITED

A16



 Director



 Director

12 April 2006

The Chief Executive
Waitakere City Council
Civic Centre
6 Waipareira Ave
Henderson

FAO: Denis Sheard, Legal Services Manager

WESTPARK MARINA DREDGING PROGRAM

The purpose of this letter is to provide a Dredging Program update to Council from Westpark Marina Limited (WML).

1. ARC Dredging Consent

WML has secured a 50,000 cubic metre per annum dredging consent from ARC until 31 December 2007. Thereafter, for the next 10 years a 20,000 cubic metre per annum dredging consent from ARC – *refer annex A*. Note, this allows WML to dredge at the marina (as opposed to dispose of the silt).

2. MNZ Disposal Consent

WML has secured a 12,000 cubic metre disposal consent from Maritime New Zealand (MNZ) to dispose of the dredged materials (silt) at the Auckland Explosives Dumping Ground site (AEDG) some 60 nautical miles offshore. This consent expires on 31 December 2006 – *refer to annex B*.

WML also has a verbal agreement with Tony Mair of the Orakei Marina Development to use their 10,000 cubic metre MNZ disposal consent that expires on 31 December 2006, as he has no use for the consent. This should be confirmed by early June.

MNZ impose a 50,000 cubic metre maximum volume at the AEDG per calendar year from all sources with no carry forward rights.

A17

Around September 2006 WML will be applying to MNZ for a further 10,000 cubic metre disposal consent to the extent it is available (i.e. on the basis that other users have not applied for and used up the remaining 28,000 cubic metres available) -- refer to Annex C email from Tara Watt-Smith dated 16 February 2006.

Accordingly, presently WML is hopeful of disposing some **30,000 cubic metres of silt by 31 December 2006.**

For the next calendar year ending 31 December 2007, WML are confident of receiving a further 12,000 cubic metre consent from MNZ (note however consents are not given out in advance) and again in September 2007 to the extent some of the 50,000 cubic metre limit imposed by MNZ is available, to gain a consent for a further 10,000 cubic metres.

Accordingly, presently WML is hopeful of disposing a **further 20,000 cubic metres of silt by 31 December 2007.**

In summary, WML are hopeful of dredging and disposing 50,000 cubic metres of silt from the marina by 31 December 2007.

For the foreseeable future, say the 10 years after 31 December 2007, WML is hopeful of receiving annual consents and disposing of an average of around 18,000 cubic metres per annum at the AEDG site. This would put the marina on track to reach chart datum point for the entire marina within 20 years. This is based on the present understanding of accretion rates of around 11,000-12,000 cubic metres per annum into the marina and a current deficit of around 120,000 cubic metres.

WML will continue to monitor the accretion rates and either fast track or slow down on dredging depending on; consents received from MSA, ARC or other sources, levels of silt in the marina and alternative dumping sites becoming available.

The hope is that when the ridges of silt along the piers (the piers themselves have never been dredged before - only fairways were dredged historically) are shifted out of the marina the silt accretions rates may lower. Removing 50,000 cubic metres would fairly well wipe out all the shallowest zones around and under the piers in the marina -- refer to Annex D the latest hydrographic survey. The ridges represent each pier A, B, C, D, E, F and G at the marina. A pier is the nearest ridge and the shallowest part of the marina.

A18

3. Alternative Disposal Options

WML is continuing to investigate a number of alternative disposal options including; reclamation at the marina, the Ports of Auckland reclamation site at Fergusson Wharf and various land based options.

4. Bottom Dumping Barges

WML has sourced the ability to use 2 bottom dumping barges that are about to be towed from Australia to New Zealand with the estimated arrival of these barges towards the end of May (weather dependent). This is an important win for WML given that since May 2003 no bottom dumping barges have been available in New Zealand at competitive prices (all other barges being tied up with very long contracts and/or owned by a small cartel of owners in Auckland).

5. Tender

WML issued calls for Tenders in March 2006 and is currently working closely with the Westpark Berth holders' Association to finalise the tender document to ensure the most cost effective price for dredging can be obtained.

6. ARC Claim

WML would welcome Council's assistance in submitting an application to the ARC for revenues from the seabed license fees and other sources allocated to help offset the high costs of running the marina (dredging costs) with the larger public benefit in mind. Revenues could be spent on any public benefit associated with the boat harbour such as measuring the accretion rates, pollutant levels, renewing navigational aids, landscaping, public boat ramp upgrade and so on.

WML is aware of a full council meeting in June with respect to progress on all issues at the marina. WML would be more than happy to present a full account of the marina's activities to that meeting and on any other occasion that Council may find useful.

Should you have any queries regarding the above matters please do not hesitate to contact the writer on 021 469 604.

Yours faithfully

Scott Leith
For Westpark Marina Ltd
Encl.

A19

WAITAKERE CITY COUNCIL

- 7 JUN 2006

666789



31 May 2006

The Chief Executive
Waitakere City Council
Civic Centre
6 Waipareira Ave
Henderson

Legal Services

FAO: Denis Sheard, Legal Services Manager

West Park Marina Ltd

Ph: 09 416 7447
Fax: 09 416 7925
18 Clearwater Cove,
Hobsonville,
Auckland,
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PO Box 66, West Park Marina,
Auckland 1250, N.Z.

WESTPARK MARINA DREDGING UPDATE

The purpose of this letter is to provide an update to Council in relation to the Dredging Program for Westpark Marina Limited (WML).

In March 2006 WML advertised for Contractors to tender for dredging at Westpark Marina. This resulted in 14 Contractors registering interest.

WML issued tender documents (Appendix 1) to all (bar 2 unheard of) Contractors in early May, calling for tenders to be received by 4pm Friday 19th May. At the close of the tender process WML had received only one tender capable of achieving the dredging program set forth in the tender document, this was from Total Marine Services Ltd, Brent Shipman and John Hume (Appendix 2).

The Total Marine price works out at an average cost of \$57 per cubic metre over 32,000 cubic metres based on a 300m³ barge capacity and around an average cost of \$50 per cubic metre where a 400m³ barge capacity is available.

WML did receive a couple more tenders after the close date, being a cost of up to \$98 per cubic metre from Smith and Davies to dump on land, and \$50 per cubic metre from Maritime Dredging & Maintenance Ltd but this excluded barge costs which would be in the vicinity of \$20 per cubic metre giving an all up cost of \$70 per cubic metre.

The Westpark Marina Users Trust (WMUT), namely Alan Jones, Willy Heatly and Eric Stevens were kept abreast of the process and we had a meeting on 24th May with Total Marine, WMUT and WML all present to discuss in detail the requirements of the dredging contract.

A20

Latitude:
36 Degrees 48 minutes
30 seconds South

Longitude:

Subsequently, WMUT has advised they are comfortable with WML appointing Total Marine as the Contractor and WML are working to finalise a contract with Total Marine to begin to remove the first 12,000 cubic metres of silt from the marina starting on 1 August 2006.

WML are still confident of receiving a further 10,000 cubic metres disposal consent at the Auckland Explosive Dumping Ground (AEDG) from Tony Mair of Orakei Marina Developments and another 10,000 cubic metres disposal consent from Maritime New Zealand sometime in September/October 2006.

Should you have any queries regarding the above matters please do not hesitate to contact the writer on 021 469 604.

Yours faithfully



Scott Leith
For Westpark Marina Ltd
Encl.

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A21

Appendix C



22 September 2006

The Chief Executive
Waitakere City Council
Civic Centre
6 Waipareira Ave
Henderson

FAO: Denis Sheard, Legal Services Manager

West Park Marina Ltd

Ph: 09 416 7447
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Auckland 1250, N.Z.

WESTPARK MARINA DREDGING UPDATE

The purpose of this letter is to provide an update to Council in relation to the Dredging Program for Westpark Marina Limited (WML).

After 3 and a half years I am excited to report dredging at Westpark began in the second week of August!

Total Marine Services Ltd, aka Brent Shipman and John Hume began the dredge at Westpark at A Pier. On average, we are dredging out a depth of some 1.5 meters of silt within the berths themselves, and around .75 of a meter in the fairways.

Presently, some 6,000m³ of silt has already been removed. Just over 1,000m³ per week is being removed.

The process includes using a back hoe digger with a long arm reach digging the silt into a small working barge and which holds 120m³ and then transferring the silt from the working barge to one of two hopper barges which hold some 360m³ each. Once full the self propelled hopper barge motors out to the AEDG (Auckland Explosives Dumping Ground) some 70 nautical miles from Westpark, out past Great Barrier and Curvier Island. A round trip to the dump site and back takes the hopper barge around 28 hours.

The WMUT (Westpark Marina Users Trust) has been actively involved in all aspects of the dredging with the management of Westpark and by all accounts are as relieved and excited as management that dredging has finally begun.

A22

Latitude:
36 Degrees 48 minutes
30 seconds South

Longitude:
174 Degrees 39 minutes East

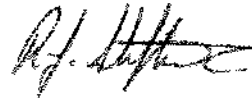
The cost of just less than \$60m³ also means that there are sufficient funds in the current SWF (Substantial Works Fund) at Westpark to dredge some 30,000m³ before the end of this calendar year.

Westpark currently hold the 12,000m³ disposal consent at AEDG and have recently applied for a further 18,000m³ which should be forth coming in the next few weeks.

Should you have any queries regarding the above matters please do not hesitate to contact the writer on 021 469 604.

Yours faithfully

Scott Leith
For Westpark Marina Ltd

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A23

**AGENDA FOR A MEETING OF THE COUNCIL (VARIOUS) TO BE HELD IN THE
CIVIC CENTRE, 6 WAIPAREIRA AVENUE, LINCOLN, WAITAKERE CITY,
ON WEDNESDAY, 17 MAY 2006 COMMENCING AT 9.30 AM**

1 APOLOGIES



2 URGENT BUSINESS

Section 46A(7) of the Local Government Official Information and Meetings Act 1987 provides that where an item of business is not on the agenda, it may only be dealt with at the meeting if:

- (i) the Council by resolution so decides; and
- (ii) the Chairperson has explained at the beginning of the meeting (when open to the public) that the item will be raised for discussion and decision, why the item is not on the agenda, and why it cannot be delayed until a subsequent meeting.

The Council may make a decision on a matter determined to be urgent.

NOTE: Urgent Business need not be dealt with now and may be delayed until later in the meeting.



3 REVIEW OF WATERCARE SERVICES LIMITED OWNERSHIP AND OPERATING POWERS - UPDATE

PURPOSE OF THE REPORT

The purpose of this report is to update Council on the resolutions passed at its meeting on Wednesday, 18 August 2004 relating to a Central Government led review of the ownership options for Watercare Services Limited and the review of the Auckland region's water and wastewater operating powers, and to seek endorsement that these resolutions remain valid.

BACKGROUND

In May 2004, the Minister of Local Government wrote to the Watercare Shareholders Representative Group indicating that his officials had begun work on the review of the remaining Auckland specific provisions of the Local Government Act 1974, including those relating to Watercare Services Limited. Specifically, the review was intended to look at ownership options for Watercare Services Limited, and the Auckland regions water and wastewater operating powers.

At its meeting on Wednesday, 18 August 2004, Council outlined its position on the ownership options for Watercare Services Limited, and the review of the Auckland regions water and wastewater operating powers.

In respect of the ownership options for Watercare Services Limited, the Council resolved:

- "1. That Waitakere City Council supports the retention of its shareholding in Watercare Services Limited and opposes any move by the government or any local authority to transfer the ownership and governance of Watercare to the Auckland Regional Council.
2. That the Council directs its two Watercare Shareholder's Representative Group members to articulate Waitakere city council's desire to retain its shareholding in Watercare services limited and to oppose any move to transfer the ownership and governance of Watercare Services Limited to the Auckland Regional Council."

1538/2004

In respect of the review of the Auckland Region's water and wastewater operating powers, the Council resolved:

- "i) That Auckland's local authorities should have broad powers in order to plan for the delivery of their wastewater services, consistent with those powers vested in local authorities throughout New Zealand, together with any special powers necessary to preserve Watercare's ability to operate effectively.
- ii) That Watercare's governance and reporting arrangements should be consistent with other council-controlled organisations, with the proviso that any special powers necessary to preserve Watercare's ability to operate effectively, be retained.
- iii) That the law require Watercare to retain ownership of assets needed to supply water and wastewater services to the region, to be retained in joint ownership by the territorial authorities in the region and to minimise prices consistent with the need to maintain and develop infrastructure to meet future needs and a sustainable future business which delivers a first class service".

1540/2004

The Council further resolved:

"That as a consequence of the above general principles the council further resolves:

- i) That Watercare be constituted as a regionally owned council-controlled organisation, with the proviso that members or employees of a local authority should be statutorily prohibited from appointment to the board of Watercare, given the regional focus and nature of the entity.
- ii) That the statutory prohibition on Watercare paying a dividend to its shareholders should be removed.

It should be noted that Waitakere City Council will not necessarily agree to the distribution of a dividend as a general rule and will agree only when it contributes to the benefit of the community.

- iii) That the following statutory functions, currently set out in the Auckland Metropolitan Drainage Act 1960, should be preserved and set out in the Local Government Act 2002:
 - (a) Allowing Watercare to maintain, manage and protect its existing main sewerage system and treatment works.
 - (b) Allowing Watercare to maintain its power to carry out its wastewater functions, including the power to enter land to access the main sewerage system and to construct new main sewerage works.
 - (c) Allowing Watercare to construct, maintain and manage future main sewerage systems and treatment works.

AQS

- (d) *Giving Watercare sole right to control trade waste within its wastewater treatment plant catchments.*
- iv) *That the following statutory functions, currently set out in the Auckland Metropolitan Drainage Act are no longer required and should be repealed:*
 - (a) *Provisions constituting the Auckland Metropolitan Drainage Board.*
 - (b) *References to Watercare's sole right to construct, maintain and manage all sewers and drains.*
- v) *That Watercare continue to administer the Auckland Regional Council Trade Waste Bylaw 1991 for as long as that bylaw continues to apply, and agree that this is a useful means of efficiently managing the treatment of trade waste.*
- vi) *That Watercare's reporting requirements be transferred, currently set out in s707zzzs of the local government act 1974, to (where appropriate):*
 - (a) *The constitution.*
 - (b) *The Statement of Intent.*
 - (c) *The Local Government Act 2002.*

1541/2004

The Government review planned in 2004 was suspended and the Shareholders Representatives Group did not have an opportunity to present its regional views to Central Government. Recently, the Department of Internal Affairs indicated the Legislative review has recommenced and expects it to be completed at the end of 2006.

At last month's (April 2006) Shareholders Representatives Group meeting, discussion focussed on Auckland Regional Council's active lobbying for ownership of Watercare. As a result, the Shareholders Representatives Group elevated the Watercare ownership issue as a top priority. Within the near future, Shareholders Representatives Group plans to put forward a unified submission to Central Government on the legislative review and its views on ownership and governance of Watercare. The Shareholders Representatives Group has requested that all member Councils formally reconfirm their positions on the two issues at the next Shareholders Representatives Group meeting scheduled for the afternoon of 17 May 2006.

A1-A13

The respective agenda reports on ownership options for Watercare Services Limited and the review of the Auckland regions water and wastewater operating powers are attached at pages A1 to A13.

STRATEGIC CONTEXT

The Council's strategic goal of sustainable management of the three waters, water supply, and wastewater and stormwater is integral to its relationship with Watercare and to its role on the Shareholders Representatives Group.

The Council has two major roles in connection with Watercare - one as shareholder/owner, the other as customer. The extent to which this Council can add strategic input to the governance of Watercare, through its ownership and governance role, heavily influences the extent to which it can supply retail services to the City's ratepayers that meet the Council's own strategic goals, and at the most efficient price possible.

A26

ISSUES

The Shareholders Representatives Group has requested that all member Councils formally reconfirm their positions on the respective issues of Watercare ownership and operating powers at the next meeting on 17 May 2006.

Officers have reviewed the previous agenda reports on ownership options and operating powers, and are of the view that the previous resolutions of Council remain valid.

RESOURCES

Some budget exists within the 2005/2006 Annual Plan for review of governance issues. There is also a budget of \$15,000 for governance issues included in the draft Long Term Council Community Plan in respect of the 2006/2007 financial year. However, it is not known at this stage what if any external assistance will be required by this Council to respond to the Government review.

CONCLUSION

There is no change in Council's rationale for passing the resolutions in 2004.

In particular, sustainable management of the Region's water, wastewater and stormwater services is a primary objective of this Council and any proposed governance structure should ensure that Local Authorities will have enough influence to facilitate this objective. Furthermore, Watercare is a Regional asset which operates for the benefit of the Region, rather than one city or district in particular. This Council's ability to influence Regional attitudes towards the management of water may be severely compromised if the governance role is removed and its relationship with Watercare is limited to that of customer/provider only.

RECOMMENDATIONS

1. That the Review of Watercare Services Limited Ownership and Operating Powers - Update report be received.
2. That Council confirms that the following resolutions passed at its meeting on Wednesday, 18 August 2004 still represent this Council's position on ownership of Watercare Services Limited and its operating powers:
 - i) That Waitakere City Council supports the retention of its shareholding in Watercare Services Limited and opposes any move by the Government or any local authority to transfer the ownership and governance of Watercare Services Limited to the Auckland Regional Council.
 - ii) That the Council directs its two Watercare Shareholder's Representative Group members to articulate Waitakere City Council's desire to retain its shareholding in Watercare Services Limited and to oppose any move to transfer the ownership and governance of Watercare Services Limited to the Auckland Regional Council.
 - iii) That Auckland's local authorities should have broad powers in order to plan for the delivery of their wastewater services, consistent with those powers vested in local authorities throughout New Zealand, together with any special powers necessary to preserve Watercare Services Limited's ability to operate effectively.
 - iv) That Watercare Services Limited's governance and reporting arrangements should be consistent with other council-controlled organisations, with the proviso that any special powers necessary to preserve Watercare Service Limited's ability to operate effectively, be retained.

A27

- v) That the law require Watercare Services Limited to retain ownership of assets needed to supply water and wastewater services to the region, to be retained in joint ownership by the territorial authorities in the region and to minimise prices consistent with the need to maintain and develop infrastructure to meet future needs and a sustainable future business which delivers a first class service.
- vi) That Watercare Services Limited be constituted as a Regionally owned council-controlled organisation, with the proviso that members or employees of a local authority should be statutorily prohibited from appointment to the Board of Watercare Services Limited, given the regional focus and nature of the entity.
- vii) That the statutory prohibition on Watercare Services Limited paying a dividend to its shareholders should be removed.
- It should be noted that Waitakere City Council will not necessarily agree to the distribution of a dividend as a general rule and will agree only when it contributes to the benefit of the community.
- vii) That the following statutory functions, currently set out in the Auckland Metropolitan Drainage Act 1960, should be preserved and set out in the Local Government Act 2002:
- Allowing Watercare Services Limited to maintain, manage and protect its existing main sewerage system and treatment works;
 - Allowing Watercare Services Limited to maintain its power to carry out its wastewater functions, including the power to enter land to access the main sewerage system and to construct new main sewerage works;
 - Allowing Watercare Services Limited to construct, maintain and manage future main sewerage systems and treatment works;
 - Giving Watercare Services Limited sole right to control trade waste within its wastewater treatment plant catchments.
- ix) That the following statutory functions, currently set out in the Auckland Metropolitan Drainage Act are no longer required and should be repealed:
- Provisions constituting the Auckland Metropolitan Drainage Board;
 - References to Watercare Services Limited's sole right to construct, maintain and manage all sewers and drains.
- x) That Watercare Services Limited continue to administer the Auckland Regional Council Trade Waste Bylaw 1991 for as long as that Bylaw continues to apply, and agree that this is a useful means of efficiently managing the treatment of trade waste.
- X1) That Watercare Services Limited's reporting requirements be transferred, currently set out in s707zzzs of the Local Government Act 1974, to (where appropriate):
- The constitution;
 - The Statement of Intent;
 - The Local Government Act 2002.

Report prepared by: Kingsha Changwai, Manager Assurance Services.

Final Footpath Priority List for Waitakere City Council 2006-2016

Name	Location	Length (km)	Cost \$,000	Cumulative Cost \$,000	Ward Name	Priority	Year
Colwill Rd	PPTY167 to PPTY 125A LHS	0.5	200	200	Massey	1	2006/2007
West Coast Rd	Oratia District School to Carter Rd RHS	0.51	204	404	Waitakere	2	
Captain Scott Rd	Glenmall Pl to PPTY 6	0.04	16	420	New Lynn	3	
Gloria Ave	RAB Te Atatu Road	0.013	5	425	Henderson	4	
Laingholm Drive	75 metres from Helios Pl	0.075	30	455	New Lynn	5	
Colwill Rd	PPTY 167 to cul de sac both sides	0.23	92	547	Massey	6	
Henderson Valley Rd	Gum Rd to PPTY 348 LHS	0.12	48	595	Waitakere	7	2007/2008
George Ave	The Terrace to Ferry PDE both sides	0.19	76	671	Massey	8	
Kopiko Rd	Konini Rd to Kohu Rd. LHS	0.08	32	703	New Lynn	9	
Hepburn Rd	PPTY 251 - PPTY 261	0.225	90	793	Henderson	10	
Henderson Valley Rd	PPTY 348 to PPTY 354 LHS	0.45	180	973	Waitakere	11	
Woodvale Road	Glendale rd to Ambler Ave	0.13	52	1025	New Lynn	12	
Holgate Ave	The Terrace to Ferry PDE both sides	0.2	80	1105	Massey	13	2008/2009
Shetland St	PPTY 26 to PPTY 10, RHS	0.13	52	1157	New Lynn	14	
Gum Rd	Henderson Valley Rd to end of road one side	0.48	192	1349	Waitakere	15	
Henderson Valley Rd	PPTY 78 to Corban Ave	0.34	136	1485	Henderson	16	
Lone Tree Ave	Vinograd Rd Entrance	0.026	10	1496	Henderson	17	
Lone Tree Ave	PPTY 4 to 20	0.066	26	1522	Henderson	18	
Henderson Valley Rd	Candia Rd to Gum Rd both sides	0.5	200	1722	Waitakere	19	2009/2010
Westvale Ave	Entire Rd RHS from Swanson Rd	0.072	29	1751	Massey	20	
Helios Pl	Laingholm Dr to first Driveway RHS	0.035	14	1765	New Lynn	21	
Sumich Pl	PPTY 8 to PPTY 18 LHS	0.09	36	1801	Massey	22	
Amokura St	Entire road RHS	0.114	46	1846	Henderson	23	
Levy Road	Found from school travel plans & walk strategy	0.21	84	1930	New Lynn	24	
St Margaret Pl	Filzherbert Ave to PPTY 12 LHS	0.095	38	1968	Massey	25	2010/2011
Huia Rd	From Bridge at Dam rd to Farm interance	0.28	112	2080	Waitakere	26	
Spargo Rd	PPTY 17 to Royal Rd LHS	0.2	80	2160	Massey	27	
Church St	Swanson Rd to end of road PPTY 17 RHS	0.211	84	2245	Waitakere	28	
Raphael Pl	Luckens Rd to PPTY 5 RHS	0.1	40	2285	Massey	29	
Railside Ave	View Rd - Dora St	0.189	76	2360	Henderson	30	
Laingholm Dr	Helios Pl to Deirdre Pl one side	0.375	150	2510	New Lynn	31	2011/2012
Golf Rd	PPTY 198 to Ava Ave	0.287	115	2625	New Lynn	32	
Railside Ave	View Rd - Bruce McLaren Road	0.55	220	2845	Henderson	33	
Lincoln Park Ave	PPTY 21 to Triangle Rd LHS	0.1	40	2885	Massey	34	
Church St	Swanson Rd to end of road PPTY 17 LHS	0.241	96	2982	Waitakere	35	
Titirangi Beach Rd	LHS steel hand rail to Park Rd one side	0.4	160	3142	New Lynn	36	
Cornwallis Rd	Walkway from bus stop down to top carpark	0.85	340	3482	Waitakere	37	
Portage Rd	Shadbolt Park to Kinross St LHS	0.31	124	3606	New Lynn	38	2013/2014
Stevie Rd	Entire road RHS	0.205	82	3688	Henderson	39	
Ryans Rd	Hobsonville Kindergarten to PPTY 36	0.047	18.8	3706	Massey	40	
Lookout Dr	Victory Rd to PPTY 1 LHS	0.36	144	3850	Waitakere	41	
Scenic Dr	Konini Rd to Tawini Rd, LHS	0.12	48	3898	New Lynn	42	
Waitamata Dr	Drummond Dr to Swanson Rd LHS	0.2	80	3978	Massey	43	
Shaw Rd	PPTY 24 to PPTY 37 LHS	0.15	60	4038	Waitakere	44	2014/2016
Railside Ave	Bruce McLaren Rd - End	0.275	110	4148	Henderson	45	
Deirdre Pl	Entire road one side	0.2	80	4228	New Lynn	46	
Lone Tree Ave	PPTY 20 to end	0.026	10.4	4239	Henderson	47	
Starlight Cove	PPTY 29 to PPTY 31 RHS	0.023	9.2	4248	Massey	48	
Scott Rd	Clark Rd to end of the Rd one side	0.8	320	4568	Massey	49	
Contingency				832			

Total Cost 5500

Note: Estimate cost per linear meter is \$400.00

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SLOW STREET LISTING

STREET NAME	RANKING	COST \$1,000	Cum Cost	Type	WARD	
Vodanovich Rd	A	150	150	Calming measures	Henderson	
Zita Maria Dr	A	60	210		Massey	06/07
Sunvue Rd	A	45	255		Waitakere	
Waitaki St	A	50	305	Calming measures	Henderson	07/08
Neil Ave	A	15	320	Signs & Marking	Henderson	
Kelwyn St	B	30	350		New Lynn	
Arahoie Rd	B	25	375		New Lynn	
Castleford Rd	B	25	400		New Lynn	08/09
Addison Ave	B	8	408	Signs & Marking	Henderson	
Sheridan Drv	C	30	438		New Lynn	
Waari Ave	B	25	463	Calming measures	Henderson	09/10
Daffodil St	B	40	503		New Lynn	
Solar Rd	C	50	553		New Lynn	09/11
Vardon Rd	C	15	568		New Lynn	
Beauchamp Dr	C	25	593		Massey	10/11
Bittern Pl	C	20	613		Massey	
Brookfield Rd	C	4	617	Signs & Marking	Henderson	
Evans Rd	C	35	652		New Lynn	
Enderby Dr	C	6	658	Signs & Marking	Henderson	11/12
Espalier Drive btw Hillwell & Geordie	C	30	688		Waitakere	
Gilliam St	C	25	713		New Lynn	11/13
Glenesk Rd	C	40	753		Waitakere	
Hindmarsh St	C	35	788		Waitakere	12/13
Kemp Rd	C	50	838		Massey	
Konini Rd	C	50	888		New Lynn	12/14
Laingholm Dr	C	120	1008		New Lynn	13/14
Levy Rd	C	20	1028		New Lynn	13/15
Links Rd	C	30	1058		New Lynn	14/15
Luanda Dr / Armada Dr/ Bahari	C	100	1158		Massey	14/16
Lynnwood Rd- Gt Nth to Rickards	C	30	1188		New Lynn	15/16
Marina View Dr	C	80	1268		Massey	
Matipo Rd	C	25	1293	Signs & Marking	Henderson	
Merchant Avenue	C	25	1318		New Lynn	
Moor Ave	C	5	1323	Signs & Marking	Henderson	
Norman Rd	C	30	1353		New Lynn	
Northall Rd	C	20	1373		New Lynn	
North Piha Rd	C	50	1423		Waitakere	
Norval - Pinedale	C	40	1463		Massey	
Park Rd	C	60	1523		New Lynn	
Parker Road	C	40	1563		New Lynn	
Picasso Dr	C	60	1623		Massey	
Ranui Ave / Jillian Dr	C	50	1673		Massey	
Redwood Dr	C	35	1708		Massey	
Royal View Rd	C	16	1724	Signs & Marking	Henderson	
Sandys Pde	C	20	1744		New Lynn	
Seabrook Ave	C	80	1824		New Lynn	
Cliff View Dr	B	40	1864		New Lynn	
Spence	C	40	1904		Waitakere	
Sunnyside Rd	C	17	1921	Signs & Marking	Henderson	
Tahi Tce	C	30	1951		New Lynn	
Tamariki Ave	C	20	1971		New Lynn	
Vanguard Rd	C	30	2001		New Lynn	
Widmore Dr	C	35	2036		Massey	
Wilsher Cres	C	30	2066	Calming measures	Henderson	
Wirihana Rd	C	40	2106		New Lynn	
Woodglen	C	80	2186		New Lynn	
	Total		2186			