



# Corporate Report

NO: R023

COUNCIL DATE: February 25, 2008

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## REGULAR COUNCIL

TO: Mayor & Council DATE: February 21, 2008

FROM: General Manager, Engineering FILE: 1206-901  
General Manager, Finance & Technology

SUBJECT: Local Area Service Water Main Extension on 192 Street,  
from 52 Avenue to 40 Avenue and Laterals [Project #1206-901]

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## RECOMMENDATION

The Engineering Department recommends that Council:

1. Receive the submission of certified statement setting out the final cost of the Works; and
2. Direct the City Clerk to amend Local Area Service Water Main Extension [Project #1206-901] By-law, 2006, No. 16178, to reflect the final costs and apportionment thereof.

## DISCUSSION

Local Area Service water main extension on 192 Street, from 52 Avenue to 40 Avenue, and laterals servicing certain parcels of lands in the subject local service area, was authorized by Council Resolution No. R06-2826, followed by Local Area Service By-law No. 16178. The final costs following completion of construction have now been determined. These costs are within the cost approved by Council under By-law, 2006, No. 16178, and are in line with the cost estimates provided to the residents as part of the local area service water main extension.

In this regard, we provide as Appendix I, a Completion Certificate certifying that:

- (a) the works authorized under the Construction By-law are now complete;
- (b) the final total cost of the LAS Water Main Extension amounted to \$979,112.79;
- (c) the final cost for upsizing the water main on 40 Avenue to Industrial Land Use Standards and water main extension share at the base size, for the Provincial lot 3803 - 192 Street, amounted to \$140,959.81 (to be funded from the Water Capital Budget as approved under Corporate Report R253/Dec. 04/06); and

- (d) the cost for water main extension share for the Municipal lot at 19515 Colebrook Road and the Federal lot at 19233 - 40 Avenue amounted to \$161,752.51 (to be funded from the Water Capital Budget as approved under Corporate Report R253/Dec. 04/06).

The cost approved under the By-law 2006, No. 16178 was \$1,147,357.79. The Cost Apportionment Report is provided in Appendix II which will be incorporated as a revised Schedule B within the Local Area Service By-law.

Paul Ham, P.Eng.  
General Manager, Engineering

Vivienne Wilke, C.G.A., M.B.A.  
General Manager, Finance & Technology

SM/brb/kd

Appendix I - Completion Certificate  
Appendix II - Cost Apportionment Report

- c.c. - City Clerk
- Property Tax Manager
- Local Improvement Clerk
- Josh Hughes, Finance & Technology Dept.



## COMPLETION CERTIFICATE

**Date:** February 15, 2008

**File:** 1206-901

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This is to certify that the Works authorized under the 'Local Area Service Water Main Extension [Project #1206-901] By-law, 2006, No. 16178' are complete and the final cost apportionment is as follows:

- a) Cost of LAS Water Main Extension is \$979,112.79 (the City will pay for the cost share of the Municipal lot at 19515 Colebrook Road and the Federal lot at 19233 - 40 Avenue in amount of \$161,752.51); and
- b) Cost for upsizing the water main on 40 Avenue to Industrial Land Use Standards and water main extension share at the base size, for the Provincial lot 3803 – 192 Street, is \$140,959.81.

Vincent Lalonde, P. Eng.  
Manager, Utilities & Transportation

As required under the 'Local Area Service Water Main Extension [Project #1206-901] By-law, 2006, No. 16178', I hereby certify that the final cost of the Works has amounted to \$1,120,072.60.

Vivienne Wilke, C.G.A., M.B.A.  
General Manager,  
Finance & Technology

- c.c. - City Clerk  
- Property Tax Manager  
- Local Improvement Clerk  
- Josh Hughes, Finance & Technology Dept.



# *Engineer's Report*

## *Final Costs & Apportionment*

### LOCAL AREA SERVICE – WATER MAIN EXTENSION ON 192 STREET FROM 52 AVENUE TO 40 AVENUE AND LATERALS by Formal Petition

Pursuant to Section 11 of the 'Local Area Service Water Main Extension [Project #1206-901] By-law, 2006, No. 16178', the following provides the final costs and apportionment thereof.

**Location: Water Main Extension on 192 Street from 52 Avenue to 40 Avenue and Laterals**

Total Project Cost	\$1,120,072.60
City Contribution - water main upsizing costs and water main extension cost share for the Provincial lot at 3803 - 192 Street (from Water Capital Budget)	\$140,959.81
LAS Water Main Extension Cost	\$979,112.79
Total Frontage of the Properties in the Local Service Area	5,640.05 l.m
Cost Per Linear Metre for the LAS Cost Share Water Main Extension	\$158.54
Annual Interest Rate	7.5%

#### Cost Distribution

House	Road	Frontage	Water Main Extension - Frontage Share	Service Connections Costs	Total Costs Per Lot	Annual over 15 years
19088	42A Avenue	87.49	\$13,870.05	\$2,235.77	\$16,105.82	\$1,824.58
4235	192 Street	78.74	\$12,483.17	\$2,235.77	\$14,718.94	\$1,667.47
19096	42A Avenue	70.57	\$11,187.61	\$2,235.77	\$13,423.38	\$1,520.70
4101	192 Street	82.26	\$13,041.22	\$2,235.77	\$15,276.99	\$1,730.69
19110	42A Avenue	65.60	\$10,399.84	\$2,235.77	\$12,635.61	\$1,431.45
19189	40 Avenue	138.78	\$22,001.70	\$2,235.77	\$24,237.48	\$2,745.80
19138	42A Avenue	78.74	\$12,483.17	\$2,235.77	\$14,718.94	\$1,667.47
19085	40 Avenue	135.00	\$21,402.44	\$2,235.77	\$23,638.21	\$2,677.91
19045	40 Avenue	112.80	\$17,882.92	\$2,235.77	\$20,118.70	\$2,279.19

House	Road	Frontage	Water Main Extension - Frontage Share	Service Connections Costs	Total Costs Per Lot	Annual over 15 years
4285	192 Street	100.78	\$15,977.32	\$2,235.77	\$18,213.09	\$2,063.31
4325	192 Street	100.78	\$15,977.32	\$2,235.77	\$18,213.09	\$2,063.31
4385	192 Street	100.78	\$15,977.32	\$2,235.77	\$18,213.09	\$2,063.31
4769	190 Street	103.92	\$16,475.12	\$2,235.77	\$18,710.89	\$2,119.71
4725	192 Street	103.92	\$16,475.12	\$2,235.77	\$18,710.89	\$2,119.71
19056	48 Avenue	103.92	\$16,475.12	\$2,235.77	\$18,710.89	\$2,119.71
4671	192 Street	103.92	\$16,475.12	\$2,235.77	\$18,710.89	\$2,119.71
4645	192 Street	103.92	\$16,475.12	\$2,235.77	\$18,710.89	\$2,119.71
4575	192 Street	103.92	\$16,475.12	\$2,235.77	\$18,710.89	\$2,119.71
4525	192 Street	103.92	\$16,475.12	\$2,235.77	\$18,710.89	\$2,119.71
4471	192 Street	103.92	\$16,475.12	\$2,235.77	\$18,710.89	\$2,119.71
4443	192 Street	90.69	\$14,377.68	\$2,235.77	\$16,613.46	\$1,882.09
4552	192 Street	418.95	\$66,418.89	\$2,235.77	\$68,654.67	\$7,777.70
4770	192 Street	102.20	\$16,202.44	\$2,235.77	\$18,438.21	\$2,088.81
4624	192 Street	179.53	\$28,461.44	\$2,235.77	\$30,697.21	\$3,477.60
4664	192 Street	179.94	\$28,526.59	\$2,235.77	\$30,762.37	\$3,484.98
4718	192 Street	179.79	\$28,503.29	\$2,235.77	\$30,739.06	\$3,482.34
4842	192 Street	97.54	\$15,463.66	\$2,235.77	\$17,699.43	\$2,005.12
4880	192 Street	106.59	\$16,898.41	\$2,235.77	\$19,134.19	\$2,167.66
19218	Colebrook Rd.	115.95	\$18,382.31	\$2,235.77	\$20,618.09	\$2,335.77
19259	48 Avenue	92.44	\$14,655.12	\$2,235.77	\$16,890.89	\$1,913.52
19337	48 Avenue	90.93	\$14,415.73	\$2,235.77	\$16,651.50	\$1,886.40
5050	192 Street	285.18	\$45,211.46	\$2,235.77	\$47,447.23	\$5,375.17
19357	48 Avenue	92.43	\$14,654.17	\$2,235.77	\$16,889.94	\$1,913.41
4947	192 Street	187.16	\$29,672.18	\$2,235.77	\$31,907.95	\$3,614.76
18999	48 Avenue	225.00	\$35,670.73	\$2,235.77	\$37,906.50	\$4,294.32
19076	51B Avenue	219.97	\$34,873.29	\$2,235.77	\$37,109.06	\$4,203.98
19515 <sup>(*)</sup>	Colebrook Rd.	195.13	\$30,935.24	\$2,235.77	\$33,171.01	
19233 <sup>(*)</sup>	40 Avenue	796.95	\$126,345.72	\$2,235.77	\$128,581.49	
		<b>5,640.05</b>			<b>\$982,138.59</b>	

<sup>(\*)</sup> According to Corporate Report R253/Dec 4, 2006, as approved by Council Resolution No. R06-2826, the water main extension share for this lot is paid from the Water Capital Budget.