



Corporate

NO: R140

Report

COUNCIL DATE: June 25, 2001

TO:	Mayor & Council	DATE:	June 5, 2001
FROM:	General Manager, Engineering	FILE:	1201-903
SUBJECT:	Request for Local Improvement Water Main on 196 Street, North of 64 Avenue		

RECOMMENDATION

That Council not support cost-sharing assistance for a local improvement water main on 196 Street, north of 64 Avenue due to excessive cost for the City.

INTENT

To establish a corporate position on the request for a local improvement water main extension north of 64 Avenue and associated City cost-sharing.

BACKGROUND

The residents along the west side of 196 Street have submitted a preliminary petition for a local improvement water main extension north of 64 Avenue. This extension has been requested due to bacterial contamination of some of the water from private wells in the lots along 196 Street. The issue of bacteria within well water has been investigated by the South Fraser Health Region and their report is attached. In summary, they believe that the main aquifer is unlikely to be contaminated and that the problem arises from the use of shallow wells, lack of well head protection, and/or lack of disinfection of the on-lot plumbing system.

This area is within the East Clayton NCP and the servicing plan does not call for a water main on 196 Street. The water main is proposed just west of 196 Street to provide more cost-efficient servicing (please see the attached servicing layout). The land east of 196 Street in Langley is already serviced to the east and any infrastructure on 196 Street services just one side of the road.

Financial Implications

The Water Main Extension By-law specifies that where a water main services just one side of the road, the City's water utility will fund 50% of the cost of the extension. However, the By-law also specifies that water main extension, where the City bears a portion of the costs, shall only proceed if Council determines that the costs are not excessive.

The estimated cost of the extension is in the range of \$160,000 to \$180,000; consequently the City's share would be \$80,000 to \$90,000.

CONCLUSION

In view of the following:

- the requested water main does not form part of the ultimate servicing plan for the area;
- the bacterial contamination could be dealt with by deeper wells and better on-site disinfection;
- all of the lots have future development potential;
- a water main constructed to the basic size for single family usage will not provide adequate fire flow for future designated multi-family uses; and
- the cost to the City would be \$80,000 to \$90,000,

we conclude that the City should not cost-share on this water main extension. Should the owners wish to proceed with water main extension solely at their own cost, then this would be an option that could be pursued. However, should the City not cost-share, then this project cannot proceed as a local improvement, which would mean that the City could not finance the works and recover its cost over time from fronting properties.

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PH:sew

Attachments

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