TO: Chair and Members
Planning and Economic Development Committee

WARD(S) AFFECTED: WARD 3

COMMITTEE DATE: May 4, 2010

SUBJECT/REPORT NO:
Watermain Replacement on Hillyard Street (Munroe Street to approximately 180 metres southerly (PED10111/PW10047) - (Ward 3)

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SIGNATURE:

SIGNATURE:

RECOMMENDATION

That the watermain on Hillyard Street from Munroe Street to 180 metres southerly be replaced at an estimated cost of $115,000 and be included in the 2010 Water Program, and that all associated expenditures be charged to Capital Budget Project ID 5141071074 (Annual Contingency for Unscheduled Works).
EXECUTIVE SUMMARY

The existing 150mm watermain on Hillyard Street is cast iron, constructed in the ‘30s and although the failure history is very little, it has been experiencing increasing issues with water quality (red water) and is approaching the end of its expected useful life. This pipe is currently programmed in the Capital Budget Project ID 5141561300 for 2015.

The City has received a request from Hotz Environmental to replace a section of watermain servicing their property at No. 6 Hillyard Street for increased fire protection purposes. Hotz Environmental is located approximately 70 metres south of Munroe Street, and if this section were replaced, it would leave a 110 metre section of old pipe for future replacement. From an infrastructure planning standpoint, and to avoid disturbing the delivery of water service again in the future to industries on Hillyard Street, it would be reasonable for the City to replace the entire 180 metre section of watermain at the same time.

The estimated cost to replace the entire watermain along this section of Hillyard is approximately $150,000. However, under an existing Cost Sharing Policy approved by the former Region, Hotz Environmental has agreed to pay 50% or $35,000 of the estimated cost attributed to the replacement of the section of watermain in front of their property. The balance being $115,000 is the City’s proportionate share including the section beyond the Hotz property.

Alternatives for Consideration - See Page 3

FINANCIAL / STAFFING / LEGAL IMPLICATIONS

Financial: The City’s proportionate share of the cost to replace the remaining section of pipe is $115,000. There are sufficient funds available in Capital Budget Project ID 5141071074 (Annual Contingency for Unscheduled Works) to proceed with this work.

Staffing: N/A

Legal: N/A

HISTORICAL BACKGROUND

Under an existing policy approved by the Regional Engineering Services Committee (Report 12-86) on June 9, 1986, the City will cost share unplanned projects with industries. In this case, Hotz Environmental has agreed to pay 50% of their proportionate share of the cost to replace their section of the watermain.
POLICY IMPLICATIONS

The watermain replacement on Hillyard Street from Munroe to 180 metres southerly would comply with the City’s Strategic Plan to build a healthy community. The watermain replacement conforms to the City of Hamilton Strategic Plan, Healthy Community and Growing our Economy focus areas by providing for a reliable distribution supply of water and for fire protection.

RELEVANT CONSULTATION

Asset Management, Environment and Sustainable Infrastructure Division, Public Works Department.

ANALYSIS / RATIONALE FOR RECOMMENDATION

The watermain improvements will provide a more reliable supply of water and fire flow protection to industries in the area.

From an infrastructure planning standpoint and to avoid disturbing the delivery of water service again in the future to industries on Hillyard Street, it would be reasonable for the City to replace the entire 180 metre section of watermain at the same time.

ALTERNATIVES FOR CONSIDERATION

Should Council not wish to approve the inclusion of the watermain replacement on Hillyard Street (Munroe Street to approximately 180 metres southerly) in the 2010 Water Program by utilizing funds available in the Annual Contingency for Unscheduled Works, the project would not proceed in 2010 and there is a risk of failures on this section of watermain.

This alternative is not recommended, as this may result in unscheduled water disruptions to businesses on Hillyard Street.

CORPORATE STRATEGIC PLAN


Financial Sustainability

Delivery of municipal services and management capital assets/liabilities in sustainable, innovative and cost effective manner. Hotz Environmental will be cost sharing for a portion of the watermain replacement on Hillyard Street, so from a cost effective perspective, there will be an overall savings to the City of Hamilton.
Healthy Community

Adequate access to food, water, shelter and income, safety, work, recreation and support for all (Human Services). The improvements to Hillyard Street help to promote a healthy community by replacing an old watermain that has a history of failure and disruption of reliable water service to the area industries.

APPENDICES / SCHEDULES

Appendix “A” to Report PED10111/PW10047 - Location Map
Watermain Replacement