



Mississippi Valley Conservation

File: P09-31

March 22, 2006

Mr. Rob Phillips
Program Manager (West District)
Planning and Infrastructure Approvals Branch
Planning and Growth Management
City of Ottawa
110 Laurier Avenue West
Ottawa, ON K1P 1J1

Dear Mr. Phillips:

**Re: Kanata West Lands
Class Environmental Assessment Reports
City of Ottawa (Kanata)
City File No. D07-99-04-KWCP**

Staff of Mississippi Valley Conservation (MVC) have reviewed various reports with respect to projects and infrastructure requirements with the development of the Kanata West lands. These reports include:

- Kanata West Concept Plan Master Servicing Study - Stantec Consulting Ltd. and Cumming Cockburn Limited
- Carp River, Poole Creek and Feedmill Creek Restoration Plan Class Environmental Assessment - TSH
- Kanata West Road Network Environmental Study Report - Delcan
- Flow Characterization and Flood Level Analysis Carp River, Feedmill Creek and Poole Creek - CH2MHill
- Post-Development Analysis Carp River, Feedmill Creek, Poole Creek - CH2MHill

Besides addressing the infrastructure and stormwater management design required for the Kanata West lands, the reports also address the restoration of the Carp River and enhancement works for Poole and Feedmill Creeks. An aspect of the development of the Kanata West lands includes the filling of some flood fringe lands of the Carp River. The analysis supporting the filling of these flood fringe lands is included in the report "Post-Development Analysis Carp River, Feedmill Creek, Poole Creek" prepared by CH2MHill. A comprehensive hydrologic and hydraulic analysis is included in the report, from the Village

Member of



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of Carp to the upstream end of the watershed, that includes:

- Development of all the Kanata West lands with the stormwater management design.
- Development of all upstream lands designated for development in the City of Ottawa Official Plan
- All modified or new road crossings
- All proposed encroachments into the flood fringe of the Carp River between the Richardson Side Road and Hazeldean Road. The analysis also includes the proposed alignment of the Terry Fox Drive extension downstream of Richardson Side Road.

The memo contained in the appendix of the report "Post-Development Analysis Carp River, Feedmill Creek, Poole Creek" addresses the potential changes in the Regulatory (1:100 year) flood plain and the potential impact on erosion through the restoration reach and downstream of Richardson Side Road. MVC has reviewed and supports the hydrologic and hydraulic analysis that has been completed.

Section 3.1.6 of the Provincial Policy Statement states "...development and site alterations may be permitted in those portions of the hazardous lands and hazardous sites where the effects and risk to public safety are minor so as to be managed or mitigated in accordance with provincial standards...". The analysis contained in the reports demonstrates, to the satisfaction of the MVC, that the flood fringe lands can be filled and removed from the Regulatory flood plain of the Carp River without increasing the risk to public safety while meeting the other criteria listed in Section 3.1.6. of the Provincial Policy Statement. As shown in the report "Post-Development Analysis Carp River, Feedmill Creek, Poole Creek" the Regulatory (1:100 year) flood level at the upstream side of the Highway 417 crossing considering full development of the upper subwatershed is 94.04 m, the same as for existing development conditions.

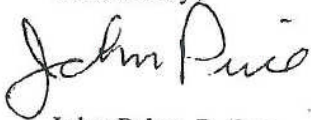
The implementation of a two-zone flood plain for this reach of the Carp River is an integral component of the restoration plan for the Carp River. The restoration plan will strengthen the environmental integrity, diversity of fish habitat and sediment balance of the Carp River. The existing flood plain, in this reach, is disconnected from the low flow channel and restoration plan will also implement a functioning channel/flood plain system. The support for the implementation of the two-zone specifically applies to the reach of the Carp River from Richardson Side Road to Hazeldean Road as this area is within the urban boundary.

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If you have any questions please contact the undersigned.

Yours truly,

A handwritten signature in cursive script that reads "John Price".

John Price, P. Eng.
Watershed Management Coordinator

- cc. Sue Murphy, City of Ottawa
Don Kennedy, Kanata West Owners Group
Steve Burns, Ministry of the Environment
Ted Lane, Ministry of Transportation
Grant Ritchie, Ministry of Natural Resources