

to:	Richcraft Group of Companies - Mr. Kevin Yemm - keviny@richcraft.com David Schaeffer Engineering Ltd. - Mr. Stephen Pichette - spichette@dsel.ca
re:	Former Landfill Review Kanata Highlands - Terry Fox Drive - Ottawa
date:	February 7, 2012
file:	PE2550-MEMO.01
from:	Mark D'Arcy

As requested by Mr. Stephen Pichette, of David Schaeffer Engineering Ltd. (DSEL), Paterson has carried out a review of former landfill sites in the area of the Richcraft KNL property. In general, the property lies east of Huntmar Road, west of the road allowance between Concessions 1 and 2 (Kanata) and south of an abandoned railway line. The new section of Terry Fox Drive runs through the eastern portion of the site (this is where Terry Fox Drive turns eastward, from its predominant north-south alignment. It is our understanding that the land to the south of the site is owned by the Regional Group.

A review of the City of Ottawa old landfill book identified one former landfill in the general area of the site. This site is labelled Ka-1 and is located at the western end of Klondike Road, at Second Line Road. This landfill is approximately 1.2 km north of the northern boundary of the subject land. The city landfill document indicates that there is a contaminant plume beneath the landfill that extends off site in the direction of groundwater flow, which has been investigated and determined to be to the north-northeast. This groundwater flow direction places the Richcraft property up-gradient of the identified landfill site. Based on the distance of this former landfill from the site, and the fact that the landfill is situated down-gradient from the subject land, the Ka-1 landfill does not pose a risk to the subject Richcraft property.

Paterson Group has previously conducted a Phase I-ESA for the subject lands. No other landfill sites were identified in our Phase I-ESA.

Regards,
Paterson Group Inc.



Mark D'Arcy, P.Eng.

Paterson Group Inc.

Head Office and Laboratory
28 Concourse Gate - Unit 1
Ottawa - Ontario - K2E 7T7
Tel: (613) 226-7381 Fax: (613) 226-6344

Northern Office and Laboratory
63 Gibson Street
North Bay - Ontario - P1B 8Z4
Tel: (705) 472-5331 Fax: (705) 472-2334

St. Lawrence Office
993 Princess Street - Suite 102
Kingston - Ontario - K7L 1H3
Tel: (613) 542-7381 Fax: (613) 542-8399