



345 Carlingview Drive
Toronto, Ontario M9W 6N9
Tel.: 416.734.3300
Fax: 416.231.1626
Toll Free: 1.877.682.8772

www.tssa.org

October 25, 2019

Ms. Jessie Malone
Imperial Oil Limited
100 5th Concession RR1
Waterdown, ON, L0R 2H1

SR# 2581426

Re: Waterdown to Finch Project

Dear Ms. Malone,

This is in response to your submitted Imperial Oil Limited (IOL) Pipeline Project application dated May 14, 2019 about the Waterdown to Finch Project. The project is to construct a nominal pipeline size (NPS) 12 liquid pipeline, approximately 63 km in length to replace existing pipeline owned and operated by IOL, Sarnia Product Pipeline (SPPL). The fact that this pipeline will be replaced entirely in near future is a great move towards increasing safety of this operation in Ontario. The new pipeline will be built to latest technology and material with conservative wall thickness which exceeds TSSA extra requirements for Low Vapor Product (LVP) design factor, increased depth of cover and high-quality external coating. The new pipeline will mainly parallel to the existing SPPL easement with a minor deviation in new line to less populated area that will reduce the risk to public.

This application has been reviewed on the technical aspects of the project including design, material specification, wall thickness calculation, class location analysis and valve spacing for this project. Initial draft of the hazard identification and mitigation has been submitted and reviewed. Complete risk assessment will be submitted for review prior to construction.

Submitted documents from IOL meet O.Reg. 210\01 and Oil and Gas Pipeline code adoption document, FS-238-18. This project has been selected for full audit. TSSA will audit and inspect the SPPL to ensure compliance with applicable technical and safety standards for construction and operation.

Should you have any questions, please contact me at 416.734.3539 or by e-mail at kmanouchehri@tssa.org. When contacting TSSA regarding this file, please refer to the Service

Request number provided above.

Yours truly,



Kourosh Manouchehri, P.Eng.,
Fuels Safety Engineer
Tel.: (416) 734-3539
Fax: (416) 231-7525

c. Ms. Zora Crnojacki
Chairperson, OPCC
Ontario Energy Board