



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

[www.tssa.org](http://www.tssa.org)

July 13, 2020  
File: SR 2848120

VIA EMAIL

TRUDY LOWE  
7-ELEVEN CANADA INC - NATIONAL GAS DEPT  
3200 HACKBERRY RD  
IRVING 75063  
USA

Email: [trudy.lowe@7-11.com](mailto:trudy.lowe@7-11.com)

Dear Trudy Lowe,

**Re: Application for a Variance from Clause 2.3.1.4 of the Liquid Fuels Handling Code, Technical Standards & Safety Act R.S.O. 2000 for 366 CHRISTINA ST. N., STORE # 27608, SARNIA**

You have requested an extension until May 31, 2022 to remove single-wall steel underground piping. The piping failed a Cathodic Protection test in February 2020 but passed a precision leak test in April 2020.

Clause 2.3.1.4 of the Liquid Fuels Handling Code (LFHC) allows single-wall underground pipe to remain in place within 12 months of failing a Cathodic Protection test, provided the pipe passes a precision leak test.

You have indicated that 7-Eleven is planning to do a full tank/line replacement in 2022 at the site. Without this variance to keep the piping in place until 2022, 7-Eleven would have to close the store leaving staff unemployed.

As equivalent safety for the variance, 7-Eleven monitors for leaks using:

- an automatic tank gauge (Veeder-root TLS 350R) for inventory;
- alarm management through stand-alone sensors;
- cContinuous Statistical Leak Detection (CSLD) at the tanks; and
- electronic pressurized line leak detection (PLLD) on the product piping.

7-Eleven ensures the required testing of the electronic detection system, in accordance with LFHC 2017, Section 4.6.9, is completed annually. In addition, 7-Eleven arranges for a certified third-party testing organization, Cantest, to inspect the operation of the stand-alone sensors and PLLD on an annual basis.

Please be advised that your variance application dated May 12, 2020 has been approved.

**Please be advised that this variance will not take effect until 15 days from the date of posting the decision on the environmental registry. This decision of the Director is subject to a right of appeal, under the Environmental Bill of Rights, if such an appeal is filed within 15 days from date of posting. In the event an appeal is filed, this decision of the director may be subsequently stayed, disallowed or significantly altered. Notice of an appeal will be placed on the Environmental Bill of Rights registry.**

This variance is allowed under the authority of subsection 36.(3)(c) of the *Technical Standards and Safety Act, 2000*, (the “Act”) and subject to such conditions as may be specified herein, being that:

- The single-wall underground steel piping shall be precision leak tested every six months (starting in October 2020) until the piping is removed;
- The single-wall underground steel piping shall be removed from the ground by May 31, 2022 and 7-Eleven shall submit an environmental report per clause 8.2.4 of the LFHC at that time;
- Non-conformity with the conditions specified shall thereby cause the allowed variance to become null and void;
- The applicant accepts full responsibility for any and all damages resulting from the use of the thing to which the variance applies. The applicant further accepts full responsibility for any impacts to the health and safety of any person in consequence of the allowance of the variance or of non-conformity with the conditions specified. The Technical Standards and Safety Authority accepts no responsibility for any such damages or impacts;
- In the event of any claims against the Technical Standards and Safety Authority arising from allowance of the variance or non-conformity with the conditions specified, the applicant agrees to indemnify the Technical Standards and Safety Authority and agrees to hold it harmless from such claims and attendant costs;
- The variance process is subject to public access under the TSSA Access and Privacy Code (available upon request). The fact that a variance has been granted and information about any public conditions, such as a requirement to post a sign, may be released on request. Subject to law and the TSSA Access and Privacy Code, proprietary information will not be subject to release;
- The applicant shall pay the fee associated with the review of the variance; and
- A copy of the variance letter shall always be kept readily available and permanently legible in the vicinity of the appliance/equipment.

This variance only relates to the Act and regulations made thereunder and does not exempt you from compliance with other applicable regulatory requirements. The installation will be subject to an inspection to ensure compliance with the terms of the variance. Please contact Kevin Abbott at 226-339-6417 to arrange for the inspection.

Should you have any questions or require further assistance, please contact Ann-Marie Barker at 416.734.3354 or by e-mail at [abarker@tssa.org](mailto:abarker@tssa.org). When contacting TSSA regarding this file, please refer to the Service Request number provided above.

Yours truly,



John R. Marshall  
Director, Fuels Safety Program

- c. Louis Trujillo, Dart Petroleum Services ([info@dartpetroleum.com](mailto:info@dartpetroleum.com))  
Kevin Abbott, TSSA ([kabbott@tssa.org](mailto:kabbott@tssa.org))