

**HAZARDOUS PRODUCTS INVENTORY  
BURLINGTON LIFT BRIDGE  
1157 BEACH BOULEVARD**

**Hamilton, Ontario**

**FINAL REPORT**

Submitted to:

**Public Services and Procurement Canada  
Environmental Services**

4900 Yonge Street  
Toronto ON M2N 6A6

Prepared by:

**AET Group Inc.**

531 Wellington St. North  
Kitchener ON N2H 5L6  
T (519) 576-9723  
F (519) 570-9589  
[www.aet98.com](http://www.aet98.com)

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## EXECUTIVE SUMMARY

AET Group Inc. (AET) was retained by Public Services and Procurement Canada (PSPC) to conduct a Hazardous Products Inventory (HPI) at the Burlington Lift Bridge facility (including all of its asset structures). The Burlington Lift Bridge is located at 1157 Beach Boulevard in Hamilton Ontario. This HPI was conducted as a follow-up to prior HPIs completed at the Burlington Lift Bridge by XCG Consultants Ltd. (2014) and GENIVAR Inc. (2011 and 2012).

This HPI report was prepared based on observations made by AET during site visits to the Burlington Lift Bridge on January 29 and 30, 2018. The HPI assessment reported here also included a review of historical reports and research into the less-hazardous or non-hazardous alternatives to the hazardous products present at the site.

The deliverables of the project were as follows:

- To provide an updated inventory of hazardous products at the Burlington Lift Bridge
- To provide an updated list of alternative non-hazardous or less-hazardous alternatives to the hazardous products identified at the Burlington Lift Bridge
- To provide a written report identifying regulatory non-compliance findings pertaining to hazardous material management at the Burlington Lift Bridge

The primary findings of the HPI project are summarized below:

- A total of 92 unique hazardous products were identified by AET Group (135 total hazardous products including multi-location products), a decrease of approximately 15% from the previous HPI conducted by XCG in 2014.
- In the previous HPI conducted in 2014, XCG identified 52 hazardous products at the Burlington Lift Bridge that could be replaced by a less-hazardous or non-hazardous alternative. XCG recommended 19 alternative products that could be used to replace the 52 hazardous products (in many cases one alternative product could perform the role of several hazardous products). Of the 19 alternative products that were recommended by XCG in 2014, none were observed by AET Group as having been implemented at Burlington Lift Bridge.
- In the time since the previous HPI report was prepared in 2014, several new hazardous products have been introduced at Burlington Lift Bridge, each of which have a less-hazardous or non-hazardous alternative that was identified in the previous HPI report.
- In addition to the new hazardous products that have been introduced, there are several hazardous products that have increased in the amount stored at Burlington Lift Bridge from 2014 to 2018. All of the hazardous products whose inventory has increased were listed in the 2014 HPI report with an alternative less-hazardous or non-hazardous option. It is evident that purchases of some hazardous products have continued without phasing in a recommended alternative.

Several regulatory non-compliances were observed at the Burlington Lift Bridge pertaining to the facility's management of hazardous products:

- Open containers of hazardous products
- Lack of recent employee training on WHMIS and hazardous products management
- Lack of substitution of hazardous products with less-hazardous or non-hazardous alternatives
- Safety data sheets (SDS) binder missing hazardous products that are present at the Burlington Lift Bridge
- Unlabeled container of hazardous product (presumed) observed

Details of the regulatory non-compliances are provided in Section 2 of this report.

Notwithstanding the regulatory non-compliances listed above, the HPI project revealed a number of positive aspects of the Burlington Lift Bridge that serve as a positive foundation for the facility's on-going management of hazardous materials:

- All Burlington Lift Bridge staff that were present during the HPI project were helpful and knowledgeable of the hazardous products on site
- The Burlington Lift Bridge facility was very clean and well-organized
- Burlington Lift Bridge staff exhibited an awareness of proper disposal practices (e.g. fluorescent light tubes)

The Burlington Lift Bridge is encouraged to build upon these positive attributes and to continue transitioning towards a greener facility that is less reliant on hazardous materials.

## 1.0 INTRODUCTION

AET Group Inc. (AET) was retained by Public Services and Procurement Canada (PSPC) to conduct a Hazardous Products Inventory (HPI) at the Burlington Lift Bridge facility (including all of its asset structures). The Burlington Lift Bridge is at 1157 Beach Boulevard in Hamilton Ontario. This HPI was conducted as a follow-up to prior HPIs completed at the Burlington Lift Bridge by XCG Consultants Ltd. (2014) and GENIVAR Inc. (2011 and 2012).

Hazardous products are defined as any material, substance, or product specified by the regulations (*Hazardous Products Act*) to be included in any of the classes listed in Schedule II of the *Hazardous Products Act*. PSPC is committed to reducing the use of hazardous products in federal buildings. This HPI was completed as part of on-going yearly updates to evaluate changes made to the hazardous products in use, and to further reduce their use by replacing them with less-hazardous (“green”) alternatives.

This HPI report was prepared based on observations made by AET during site visits to the Burlington Lift Bridge on January 29 and 30, 2018. The HPI assessment reported here also included a review of historical reports and research into the less-hazardous or non-hazardous alternatives to the hazardous products present at the site.

### 1.1 Facility Description

The Burlington Lift Bridge is located at 1157 Beach Boulevard in Hamilton, Ontario. The Burlington Lift Bridge facility consists of two parcels of land, separated by the Burlington Canal and connected by a four-lane lift bridge. The property contains the lift bridge and associated infrastructure for operations and maintenance. The parcel on the north side of the canal is in the City of Burlington and consists of a parcel of land, a water lot, a bridge gatehouse, a Hydro One transmission tower, and the north bridge tower. The parcel on the south side of the canal is in the City of Hamilton and consists of the three-storey bridge control building, a one-storey old maintenance workshop, a one-storey new maintenance workshop, and the south bridge tower. Nearby structures not in the scope of the HPI project included a historic lighthouse and two-storey unoccupied house (both owned by the Department of Fisheries and Oceans), a metal Quonset hut, and temporary mobile facilities that house third-party contractor equipment and offices.

### 1.2 Project Objectives

The objectives of this HPI project were as follows:

- To provide an updated inventory of hazardous products at the Burlington Lift Bridge (provided as Appendix A to this report)
- To provide an updated list of alternative non-hazardous or less-hazardous alternatives to the hazardous products identified at the Burlington Lift Bridge (provided as Appendix B to this report)

- To provide a written report identifying regulatory non-compliance findings pertaining to hazardous material management at the Burlington Lift Bridge

If a non-hazardous or less-hazardous alternative product was identified, several details (name, approximate cost, retail locations) of the product have been provided. Products were considered non-hazardous or less-hazardous if they met the following criteria:

- Contain primarily non-toxic and natural-based ingredients
- Have zero or low concentrations of volatile organic compounds (VOCs)
- Are non-caustic and non-irritating to human tissue
- Are biodegradable and septic-friendly

### 1.3 Criteria Followed – Regulations and Guidelines

Note that as a federal facility most provincial or municipal legislation is not applicable to the Burlington Lift Bridge. The exception is where the facility's operations have the potential to impact the environment beyond its boundaries. Thus for the purposes of this HPI project, primarily federal legislation, guidelines, and codes were used as the guiding criteria. In the absence of federal regulatory requirements, AET compared conditions to provincial legislation and other guidelines as examples of best management practices which the facility could strive to meet where practical. Several pieces of federal regulations and guidelines were referenced as the criteria for this HPI project:

- *Canada Occupational Health and Safety Regulations (SOR/86-304)*
- *Hazardous Products Act (R.S.C., 1985, c.H-3)*
- *WHMIS 2015*
- *Government of Canada Toxic Substances Management Policy*
- *PSPC Directive on Occupational Health and Safety—Hazard Prevention Program (007-1)*
  - Standard on Hazardous Substances
  - Standard on the Hazard Prevention Program
- *PWGSC Sustainable Development Strategy 2007-2009*

### 1.4 Methodology

The project was conducted in accordance with AET's own internal project management and quality control procedures which address such issues as scheduling, conflict of interest, confidentiality, and communications/liaison with the client. AET assigned a team of three auditors for the HPI project: Ms. Janet McKenzie, Mr. Larry Freiburger, and Mr. Stephen Boles. Mr Boles served as the lead investigator of the HPI project and lead author of the HPI report. Prior to the site visit at the Burlington Lift Bridge, an

audit plan and health and safety plan was prepared by AET and communicated with representatives of PSPC.

The AET audit team was on-site at the Burlington Lift Bridge from January 29 – 30, 2018 to observe operations, collect evidence (photographs, documents, records), conduct interviews, and review documentation. The AET team conducted a systematic room-by-room survey of all in-scope buildings to identify details of hazardous products on-site and to confirm the presence of safety data sheets (SDS) for observed hazardous products. Areas inspected for the HPI projects included accessible areas within:

- the bridge control house
- the old workshop
- the new workshop
- the gatehouse on the north side of the canal
- the north bridge tower
- the south bridge tower

The following information was recorded for all hazardous products identified at the facility:

- descriptive location where product was observed at Burlington Lift Bridge (e.g. building name)
- commercial product name
- product manufacturer
- physical state (solid, liquid, gas)
- reason for use (e.g. lubricant, cleanser)
- quantity observed
- storage container type

The AET team used field books, cameras, and paper checklists to record observations and collect evidence. Relevant photos are referenced in Section 2 (Results) of this report. Note that all evidence collected by AET was observation-based or photographic, and no intrusive physical sampling was conducted.

### **Less-Hazardous / Non-Hazardous Product Alternative Research**

Less-hazardous/non-hazardous alternatives presented by XCG in the 2014 HPI report were re-evaluated with respect to product availability and environmental claims. Alternative products were identified by performing research on databases found on the EcoLogo Program website or UL Spot (<https://spot.ulprospector.com/en/na/BuiltEnvironment>). Where alternative products could not be identified on eco-databases, a general internet search was performed. In any case, when a potential alternative product was found, its availability to Canadian consumers was determined and its SDS information was consulted to confirm its suitability as a less-/non-hazardous alternative.

## 2.0 RESULTS

We have summarized, in the subsections which follow, the findings from this HPI project.

### 2.1 Hazardous Products Inventory

Hazardous products at the Burlington Lift Bridge were identified in the following locations of the facility:

- Bridge control house building (diesel room, PLC room, operator control room, control room washroom)
- Gate house on north side of canal
- North and south tower maintenance rooms
- Old workshop (washroom, two flammable storage cabinets, outside of cabinets)
- New workshop (washroom, warehouse area, flammable storage cabinet)

A total of 92 different products were identified at the Burlington Lift Bridge during the investigation conducted by AET Group. The majority of hazardous products fall into one of three broad categories: hydrocarbon-based lubricants and fuels, paint products, and cleansers. The total number of hazardous products identified at the facility was 135, a total that includes multiple instances of several products. The total number of hazardous products identified by AET Group in this HPI is about 15% less than the number identified by XCG in the previous HPI conducted in 2014.

In the previous HPI conducted in 2014, XCG identified 52 hazardous products at the Burlington Lift Bridge that could be replaced by a less-hazardous or non-hazardous alternative. XCG recommended 19 alternative products that could be used to replace the 52 hazardous products (in many cases one alternative product could perform the role of several hazardous products). Of the 19 alternative products that were recommended by XCG in 2014, none were observed by AET Group as having been implemented at Burlington Lift Bridge. One product was identified in AET Group's investigation as being EcoLogo certified (GE premium waterproof silicone) but this was not a product that was recommended by XCG in the previous HPI report. Another product (Smoke Check smoke detector tester) claims to be environmentally-friendly as it uses no HFCs or CFCs.

In the time since the previous HPI report was prepared in 2014, several new hazardous products have been introduced at Burlington Lift Bridge:

- Ice Patrol snow and ice remover
- Windex
- Comet
- MG Chemicals penetrating oil
- Spic and Span

All of the products listed above that were purchased after the last HPI was prepared in 2014 have a less-hazardous or non-hazardous alternative that was identified in the previous HPI report.



In addition to the new hazardous products that have been introduced, there are several hazardous products that have increased in the amount stored at Burlington Lift Bridge from 2014 to 2018 (Behr paints, WD40, Fantastik, Starplex EP2 grease). All of the hazardous products whose inventory has increased were listed in the 2014 HPI report with an alternative less-hazardous or non-hazardous option. It is evident that purchases of some hazardous products have continued without phasing in a recommended alternative.

## 2.2 Research on Less-Hazardous / Non-Hazardous Alternative Products

Alternative products were identified by performing research on databases found on the EcoLogo Program website or UL Spot. A total of 29 products were identified as suitable non-hazardous or less-hazardous alternatives to the hazardous products that currently exist on-site at Burlington Lift Bridge. The majority of product categories in use at Burlington Lift Bridge have recommended alternative products that are available in Canada. There were only a small number of product types (fuels, motor oils) for which a recommended alternative could not be found. Pricing for alternative products were provided when made readily available by the supplier. Prices were not obtained in cases where registration or account subscription had to be performed to obtain a price.

## 2.3 Regulatory Non-Compliances

Several regulatory non-compliances were observed at the Burlington Lift Bridge pertaining to the facility's management of hazardous products. The non-compliances are described in the table below with recommendations on actions that can be taken to address the non-compliance:

| Description of Non-Compliance   | Regulation   | Recommended Actions   |
|---|--|---|
| Hazardous substances in a workplace must be stored in containers that protect employees from any health or safety hazard that is caused by the hazardous substance. This issue was identified in the previous 2014 environmental compliance audit and has not been addressed. Open containers of hazardous materials (assumed to be engine grease) were observed in a flammable materials storage cabinet in the old workshop (see Figure 1). | <i>Canada Occupational Health and Safety Regulations (SOR/86-304), Section 10.10</i> | Staff should be instructed that containers of hazardous materials are to be kept closed when not in use.                          |
| Employers must develop and implement an employee education program with respect to hazard   | <i>Canada Occupational Health and Safety Regulations (SOR/86-</i>                    | PSPC is encouraged to provide updated WHMIS training for all Burlington Lift Bridge employees. This is especially important given |

|   |   |  |
|---|---|--|
| <p>prevention and control. Employers must keep a written or computerized record of the instruction and training given to every employee. This issue was identified in the previous 2014 environmental compliance audit and has not been addressed. Employees stated the last time they had WHMIS training was 'about 10 years ago'.</p> | <p><i>304), Section 10.14 and Section 10.15</i></p>   | <p>the updates to the WHMIS program in 2015 with the transition to the globally harmonized system of classification and labeling of chemicals (GHS).</p>   |
| <p>Where a hazardous substance is used and an equivalent substance that is less hazardous is available, the equivalent substance shall be substituted for the hazardous substance (if reasonably practicable).</p>  | <p><i>Canada Occupational Health and Safety Regulations (SOR/86-304), Section 10.16</i></p>         | <p>The three previous HPIs conducted at Burlington Lift Bridge in 2011, 2012 and 2014 included recommendations of available equivalent less-hazardous or non-hazardous substances. Only a small number of the equivalent substances have been implemented at the facility. PSPC is encouraged to continue transitioning to less-hazardous and non-hazardous products where reasonably practicable.</p>   |
| <p>Employers are required to maintain a copy of a material safety data sheet (SDS) for all hazardous substances present at the workplace. SDS must be made readily available for examination by employees in digital or hard copy form. Employers must review each SDS on a regular basis to confirm they are current.</p>              | <p><i>Canada Occupational Health and Safety Regulations (SOR/86-304), Section 10.32 – 10.34</i></p> | <p>The Burlington Lift Bridge does maintain a binder of hard copy SDS, and the location of the SDS binder was easily identified by employees when requested. A detailed review of the SDS binder revealed the following non-conformances:</p> <ul style="list-style-type: none"> <li>• Numerous SDS were missing for hazardous products identified at the Burlington Lift Bridge</li> </ul> <p>PSPC staff should review the SDS binder on a regular basis to confirm all hazardous products are represented with current SDS.</p> <p>The binder also contained numerous SDS for hazardous products no longer used at the Burlington Lift Bridge. In the interest of efficiency these non-relevant SDS should be removed from the binder.</p> |
| <p>Hazardous product containers must have a legible supplier label identifying the product affixed. In the case of hazardous products being transported from their original container, the temporary/portable container must have a work place label that identifies the product.</p>   | <p><i>Canada Occupational Health and Safety Regulations (SOR/86-304), Section 10.35 – 10.37</i></p> | <p>An unlabeled metal container was observed in the flammable cabinet of the old workshop (see Figure 2). PSPC staff should identify the substance in the container and apply a workplace label or dispose of the product if it is no longer required.</p>   |



**Figure 1:** Example of open container of hazardous product observed in flammable storage cabinet of old workshop.



**Figure 1:** Example of unlabeled hazardous product (presumed) container in flammable storage cabinet of old workshop.

### 3.0 RECOMMENDATIONS

PSPC should ensure the following actions are taken to resolve the observed non-compliances against federal health and safety regulations:

- Open containers of hazardous products should be properly closed/sealed or disposed of if no longer in use.
- Updated WHMIS training should be provided to all Burlington Lift Bridge employees. This is especially important given the updates to the WHMIS program in 2015 with the transition to the globally harmonized system of classification and labeling of chemicals (GHS)
- PSPC should increase its efforts in transitioning to less-hazardous and non-hazardous products where reasonably practicable
- Burlington Lift Bridge employees should review the SDS binder on a regular basis to confirm all hazardous products are represented with updated SDS. The binder also contained numerous SDS for hazardous products no longer used at the Burlington Lift Bridge. In the interest of efficiency these non-relevant SDS should be removed from the binder
- Burlington Lift Bridge staff should identify the contents in the unlabeled metal container observed in the flammable cabinet of the old workshop and apply a workplace label or dispose of the product if it is no longer required

In addition to the above-listed actions that are required to address observed regulatory non-compliances, PSPC staff at Burlington Lift Bridge are encouraged to dispose of those hazardous materials that are no longer used in an environmentally responsible manner (including those that have been left behind by third-party contractors whose work has been completed).

## 4.0 DISCLAIMER

AET Group has prepared this report using information understood to be factual and correct and shall not be responsible for conditions arising from information or facts that were concealed or not fully disclosed to AET Group during the period of time for which the work was being conducted. The conditions presented in this report are based on information obtained up to and including the end of the site visit on January 30 2018. Site operations or land uses that may have changed since that time may alter the conclusions or render them invalid.

The conclusions presented in this report represent AET Group's professional opinion and are based upon the work described in this report and any limiting conditions in the terms of reference, scope of work, or conditions noted herein. AET Group makes no warranty as to the accuracy or completeness of the information provided by others, or of conclusions and recommendations predicated on the accuracy of that information. Nothing in this report is intended to constitute or provide a legal opinion. AET Group makes no representation as to compliance with occupational health and safety laws, rules, regulations or policies established by regulatory agencies.

This report has been prepared for PSPC. Any use a third party makes of this report, any reliance on the report, or decisions based upon the report, are the responsibility of those third parties unless authorization is received from AET Group in writing. AET Group accepts no responsibility for any loss or damages suffered by any unauthorized third party as a result of decisions made or actions taken based on this report.

Respectfully Submitted,

AET Group Inc.



Janet McKenzie, B.Sc., EP(CEA), EP(EMSLA)  
Auditor



Larry Freiburger, Dip. C.Eng., CEA, EP(Waste)  
Auditor



Stephen Boles, BES, M.Sc., EP(Sustainability)  
Auditor, Lead HPI Investigator



Scott Freiburger, BES, A.Sc.T., CEA, EP(EMSLA)  
Project Manager

**APPENDIX A**  
**HAZARDOUS PRODUCTS INVENTORY DATA TABLE**



**Hazardous Products Inventory Data Sheet – Burlington Lift Bridge**

| Date: January 29-30, 2018    |  |                              |       |                  |                    |                |                                |  |
|------------------------------|--|------------------------------|-------|------------------|--------------------|----------------|--------------------------------|--|
| Auditor: Stephen Boles       |  |                              |       |                  |                    |                |                                |  |
| ROOM/LOCATION                | COMMERCIAL PRODUCT NAME                | MANUFACTURER                 | STATE | CATEGORY OF USE  | CONTAINER CAPACITY | CONTAINER TYPE | SDS DATE (m/d/y or Not Avail.) | OTHER NOTES                                  |
| Control House (Diesel Room)  | Air Dryer (R-134A)                     | Ultra Air                    | G     | Refrigerant      | 0.17 kg            | Closed System  | 10/15/2016                     |  |
| Control House (Diesel Room)  | Diesel Fuel                            | Petro Canada                 | L     | Fuel             | 935 L              | Tank           | 06/28/2016                     | Tank capacity 935 L – volume in tank unknown |
| Control House (Diesel Room)  | RCF-100 Reciprocating Compressor Fluid | Compressed Air International | L     | Lubricant        | 4 L x 2            | Plastic        | Not Avail.                     |  |
| Control House (Diesel Room)  | Ethylene Glycol ES Complete            | Fleetguard                   | L     | Antifreeze       | 3.78 L x 2         | Plastic        | Not Avail.                     |  |
| Control House (Diesel Room)  | Cat EC-1 Extended Life Coolant         | CAT Elc                      | L     | Antifreeze       | 3.785 L x 3        | Plastic        | Not Avail.                     |  |
| Control House (Diesel Room)  | Severe Duty Battery                    | SDS                          | S     | Battery          | 2                  | Self-Contained | Not Avail.                     | Lead free                                    |
| Control House (Diesel Room)  | Unlabelled                             | Unknown                      | L     | Unknown          | Unknown            | Plastic        | Unknown                        | Yellow 'Cat' jug with handle                 |
| Control House (PLC Room)     | AHU (R-134A)                           | Praxair Aioma                | G     | Refrigerant      | 0.58 kg            | Closed System  | 10/15/2016                     |  |
| Control House (Control Room) | Fantastik                              | SC Johnson                   | L     | Cleaner          | 3.8 L              | Plastic        | 02/25/2016                     |  |
| Control House (Control Room) | WD-40                                  | WD-40                        | L     | Lubricant        | 311 g              | Aerosol        | 03/27/2017                     |  |
| Control House (Control Room) | Varsol                                 | Recochem                     | L     | Paint            | 946 mL             | Plastic        | 10/13/2018                     |  |
| Control House (Control Room) | Windex                                 | SC Johnson                   | L     | Cleaner          | 765 mL             | Plastic        | Not Avail.                     |  |
| Control House (Control Room) | Comet                                  | Proctor & Gamble             | S     | Cleaner          | 400 g              | Metal          | Not Avail.                     |  |
| Control House (Control Room) | Mouldspray                             | HG International             | L     | Cleaner          | 500 mL             | Plastic        | 04/25/2016                     |  |
| Control House (Control Room) | Flat Interior Acrylic Latex            | Para                         | L     | Paint            | 868 mL             | Metal          | Not Avail.                     |  |
| Control House (Control Room) | Floor Finish All Systems               | Proven                       | L     | Cleaner          | 4 L x 2            | Plastic        | Not Avail.                     |  |
| Control House (Control Room) | Sunlight                               | Diversey Inc.                | L     | Cleaner          | 6 L                | Plastic        | Not Avail.                     |  |
| Control House (Control Room) | Lemon Floor Cleaner                    | Proven                       | L     | Cleaner          | 4 L                | Plastic        | Not Avail.                     |  |
| Control House (Control Room) | Great White Hand Cleaner               | Deb                          | L     | Personal Hygiene | 4 L                | Plastic        | 02/25/2017                     |  |
| Control House (Control Room) | Liquid Glass Cleaner                   | Proven                       | L     | Cleaner          | 4 L                | Plastic        | Not Avail.                     |  |
| Control House (Control Room) | Stripper/Degreaser                     | Dustbane                     | L     | Cleaner          | 5 L                | Plastic        | Not Avail.                     |  |
| Gate House                   | Molykote Lubricant                     | Dow Corning                  | L     | Lubricant        | 340 g              | Aerosol        | 09/08/2006                     |  |
| Gate House                   | Unlabelled                             | Unknown                      | L     | Lubricant        | Unknown            | Tube           | Unknown                        | Unlabelled grease gun                        |



**Hazardous Products Inventory Data Sheet – Burlington Lift Bridge**

| Date: January 29-30, 2018 |                                    |                     |       |                  |                    |                          |                                |  |
|---------------------------|------------------------------------|---------------------|-------|------------------|--------------------|--------------------------|--------------------------------|--|
| Auditor: Stephen Boles    |                                    |                     |       |                  |                    |                          |                                |  |
| ROOM/LOCATION             | COMMERCIAL PRODUCT NAME            | MANUFACTURER        | STATE | CATEGORY OF USE  | CONTAINER CAPACITY | CONTAINER TYPE           | SDS DATE (m/d/y or Not Avail.) | OTHER NOTES  |
| North Tower               | K-55                               | Non-Fluid Oil Corp. | L     | Lubricant        | 20 L x 5           | Metal                    | 01/01/1992                     |  |
| North Tower               | Carter Open Gear Grease            | Total               | L     | Lubricant        | 289 g x 6          | Tube                     | 09/07/2012                     |  |
| North Tower               | Starplex EP2 Grease                | Chevron             | L     | Lubricant        | 397 g x 22         | Tube                     | 03/18/2019                     |  |
| North Tower               | Orange Hand Cleaner with Scrubbers | Safety Kleen        | L     | Personal Hygiene | 3.785 L            | Plastic                  | Not Avail.                     |  |
| North Tower               | ER-460                             | Gulf                | L     | Lubricant        | 20 L               | Plastic                  | Not Avail.                     |  |
| North Tower               | Univis J13                         | Esso                | L     | Lubricant        | 20 L               | Plastic                  | 06/15/2018                     |  |
| North Tower               | Motomaster 10W 30                  | Shell               | L     | Oil              | 5 L                | Plastic                  | 03/01/2014                     | Bridge operator stated the item was left by a subcontractor working in North Tower |
| North Tower               | Interior/Exterior Spray Paint      | Trileaf             | L     | Paint            | 283 g              | Aerosol                  | Not Avail.                     | See above  |
| North Tower               | J2 Spray Paint                     | J2 Products         | L     | Paint            | 340 g              | Aerosol                  | Not Avail.                     | See above  |
| North Tower               | Colorworks Enamel                  | Sherwin Williams    | L     | Paint            | 312 g              | Aerosol                  | Not Avail.                     | See above  |
| North Tower               | Finishing Wax                      | Minwax              | S     | Paint            | 450 g              | Metal                    | Not Avail.                     | See above  |
| North Tower               | Alkyl Enamel Grey Paint            | Trileaf             | L     | Paint            | 3.78 L             | Metal                    | Not Avail.                     | See above  |
| North Tower               | Armor Coat Floor Paint             | Trileaf             | L     | Paint            | 3.6 L              | Metal                    | 06/15/2011                     | See above  |
| North Tower               | Tremclad rust paint (yellow)       | Tremco              | L     | Paint            | 3.78 L             | Metal                    | 01/10/2016                     | See above  |
| North Tower               | Alkyd Floor Enamel                 | Glidden             | L     | Paint            | 3.78 L             | Metal                    | Not Avail.                     | See above  |
| North Tower               | Tremclad rust paint (red)          | Tremco              | L     | Paint            | 946 mL             | Metal                    | 01/10/2016                     | See above  |
| North Tower               | WD-40                              | WD-40               | L     | Lubricant        | 342 g              | Aerosol                  | 03/27/2017                     |  |
| North Tower               | Tremclad rust paint (black)        | Tremco              | L     | Paint            | 3.78 L             | Metal                    | 01/10/2016                     |  |
| North Tower               | EP Unirex Grease                   | Esso                | L     | Lubricant        | 17 kg              | Plastic                  | 01/26/2019                     |  |
| North Tower               | Omala Industrial Gear Oil          | Shell               | L     | Lubricant        | 18.9 L             | Plastic                  | Not Avail.                     |  |
| North Tower               | Grease                             | Crescent Oil Co.    | L     | Lubricant        | 17 kg              | Plastic                  | Not Avail.                     |  |
| North Tower               | Kleentec parts cleaner             | Safety Kleen        | L     | Solvent          | 30 L               | Metal Drum Parts Cleaner | 09/02/2017                     |  |
| South Tower               | K-55                               | Non-Fluid Oil Corp. | L     | Lubricant        | 20 L x 2           | Metal                    | 01/01/1992                     |  |





**Hazardous Products Inventory Data Sheet – Burlington Lift Bridge**

| Date: January 29-30, 2018     |                                      |                      |       |                  |                    |                             |                                |             |
|-------------------------------|--------------------------------------|----------------------|-------|------------------|--------------------|-----------------------------|--------------------------------|-------------|
| Auditor: Stephen Boles        |                                      |                      |       |                  |                    |                             |                                |             |
| ROOM/LOCATION                 | COMMERCIAL PRODUCT NAME              | MANUFACTURER         | STATE | CATEGORY OF USE  | CONTAINER CAPACITY | CONTAINER TYPE              | SDS DATE (m/d/y or Not Avail.) | OTHER NOTES |
| South Tower                   | Carter Open Gear Grease              | Total                | L     | Lubricant        | 289 g x 2          | Tube                        | 09/07/2012                     |             |
| South Tower                   | Starplex EP2 Grease                  | Chevron              | L     | Lubricant        | 397 g x 9          | Tube                        | 03/18/2019                     |             |
| South Tower                   | Great White Hand Cleaner             | Deb                  | L     | Personal Hygiene | 4 L                | Plastic                     | 02/25/2017                     |             |
| South Tower                   | Moly 29                              | Keystone             | L     | Lubricant        | 340 g x 3          | Tube                        | Not Avail.                     |             |
| South Tower                   | SPLube 100                           | Gulf                 | L     | Lubricant        | 20 L x 2           | Metal                       | Not Avail.                     |             |
| South Tower                   | EP Unirex Grease                     | Mobil                | L     | Lubricant        | 17 kg              | Plastic                     | 01/26/2019                     |             |
| South Tower                   | Multipurpose EP1                     | Petro Canada         | L     | Lubricant        | 20 L               | Plastic                     | Not Avail.                     |             |
| South Tower                   | Senate 460                           | Petro Canada         | L     | Lubricant        | 20 L               | Plastic                     | Not Avail.                     |             |
| South Tower                   | Meropa 320                           | Texaco               | L     | Lubricant        | 20 L x 3           | Plastic                     | 09/11/2018                     |             |
| South Tower                   | Marfak Multipurpose 2                | Texaco               | L     | Lubricant        | 35 lbs             | Metal                       | Not Avail.                     |             |
| South Tower                   | Kleentec parts cleaner               | Safety Kleen         | L     | Solvent          | 30 L               | Metal Drum<br>Parts Cleaner | 09/02/2017                     |             |
| South Tower                   | ER-460                               | Gulf                 | L     | Lubricant        | 20 L               | Plastic                     | Not Avail.                     |             |
| South Tower                   | Tremclad rust paint primer           | Tremco               | L     | Paint            | 3.78 L             | Metal                       | 01/10/2016                     |             |
| South Tower                   | Tremclad rust paint greay            | Tremco               | L     | Paint            | 3.78 L             | Metal                       | 01/10/2016                     |             |
| South Tower                   | Porch and Patio floor paint No. 6694 | Behr                 | L     | Paint            | 3.79 L x 2         | Metal                       | 07/25/2016                     |             |
| Old Workshop (not in cabinet) | K-55                                 | Non-Fluid Oil Corp.  | L     | Lubricant        | 20 L x 8           | Metal                       | 01/01/1992                     |             |
| Old Workshop (not in cabinet) | Renolin Centigard 300                | Fuchs                | L     | Lubricant        | 35 lb x 3          | Plastic                     | 02/28/2014                     |             |
| Old Workshop (not in cabinet) | Texaco Crater M                      | Crescent Oil Company | L     | Lubricant        | 20 L x 2           | Plastic                     | 01/04/2002                     |             |
| Old Workshop (not in cabinet) | Meropa 320                           | Texaco               | L     | Lubricant        | 20 L x 4           | Plastic                     | 09/11/2018                     |             |
| Old Workshop (not in cabinet) | Electro Contact Cleaner              | LPS Labs             | L     | Cleaner          | 465 mL             | Aerosol                     | Not Avail.                     | CFC Free    |
| Old Workshop (not in cabinet) | Tire Shine                           | Armor All            | L     | Cleaner          | 650 mL x 2         | Plastic                     | Not Avail.                     |             |
| Old Workshop (not in cabinet) | 10-4 Glove Dust                      | Salisbury            | S     | Lubricant        | 6 oz               | Plastic                     | Not Avail.                     |             |
| Old Workshop (not in cabinet) | Penetrating Oil                      | MG Chemicals         | L     | Lubricant        | 450 g              | Aerosol                     | Not Avail.                     |             |



**Hazardous Products Inventory Data Sheet – Burlington Lift Bridge**

| Date: January 29-30, 2018     |   |                         |       |                  |                    |                |                                |                                     |
|-------------------------------|---|-------------------------|-------|------------------|--------------------|----------------|--------------------------------|-------------------------------------|
| Auditor: Stephen Boles        |   |                         |       |                  |                    |                |                                |                                     |
| ROOM/LOCATION                 | COMMERCIAL PRODUCT NAME                         | MANUFACTURER            | STATE | CATEGORY OF USE  | CONTAINER CAPACITY | CONTAINER TYPE | SDS DATE (m/d/y or Not Avail.) | OTHER NOTES                         |
| Old Workshop (not in cabinet) | Kool Splash Lotion Soap                         | Grime Eater Products    | L     | Personal Hygiene | 4 L                | Plastic        | Not Avail.                     |                                     |
| Old Workshop (not in cabinet) | Drano   | Bristol-Myers           | S     | Cleaner          | Unknown            | Metal          | 10/24/2012                     |                                     |
| Old Workshop (not in cabinet) | Drain Master                                    | Crown Chemical Products | L     | Cleaner          | 909 mL             | Plastic        | Not Avail.                     |                                     |
| Old Workshop (not in cabinet) | Great White Hand Cleaner                        | Deb                     | L     | Personal Hygiene | 4 L                | Plastic        | 02/25/2017                     |                                     |
| Old Workshop (not in cabinet) | AHU (R-134A)                                    | Fedders                 | G     | Refrigerant      | 0.58 kg            | Closed System  | 10/15/2016                     |                                     |
| Old Workshop (Cabinet 1)      | Moly 29   | Keystone                | L     | Lubricant        | 340 g x 32         | Tube           | Not Avail.                     | Only spec. sheet in binder; not SDS |
| Old Workshop (Cabinet 1)      | Tremclad rust paint (green)                     | Tremco                  | L     | Paint            | 3.7 L x 4          | Metal          | 01/10/2016                     |                                     |
| Old Workshop (Cabinet 1)      | Latex satin porch and floor paint (satin white) | Valspar                 | L     | Paint            | 3.78 L x 3         | Metal          | Not Avail.                     |                                     |
| Old Workshop (Cabinet 1)      | Interior paint and primer (dark brown)          | Behr                    | L     | Paint            | 3.55 L             | Metal          | Not Avail.                     |                                     |
| Old Workshop (Cabinet 1)      | Diesel Motor Oil 15W 40                         | AutoLab                 | L     | Motor Oil        | 946 mL x 2         | Plastic        | 10/31/2014                     |                                     |
| Old Workshop (Cabinet 1)      | Interior/Exterior porch and floor paint (grey)  | Trileaf                 | L     | Paint            | 3.78 L x 2         | Metal          | 06/15/2011                     |                                     |
| Old Workshop (Cabinet 1)      | Tremclad rust paint (grey primer)               | Tremco                  | L     | Paint            | 3.78 L             | Metal          | 01/10/2016                     |                                     |
| Old Workshop (Cabinet 1)      | Porch and patio floor paint #6694 (grey)        | Behr                    | L     | Paint            | 3.79 L x 3         | Metal          | Not Avail.                     |                                     |
| Old Workshop (Cabinet 1)      | Painters Touch high gloss (red)                 | Rustoleum               | L     | Paint            | 946 mL             | Metal          | Not Avail.                     |                                     |
| Old Workshop (Cabinet 1)      | Interior Latex                                  | CIL                     | L     | Paint            | 858 mL             | Metal          | Not Avail.                     |                                     |
| Old Workshop (Cabinet 1)      | Paint and primer exterior (brown)               | Behr                    | L     | Paint            | 3.43 L x 2         | Metal          | Not Avail.                     |                                     |
| Old Workshop (Cabinet 1)      | DTM acrylic B66T204                             | Sherwin Williams        | L     | Paint            | 3.43 L             | Metal          | Not Avail.                     |                                     |
| Old Workshop (Cabinet 1)      | Grey Primer (no label)                          | Unknown                 | L     | Paint            | 3.78 L             | Metal          | Unknown                        | Unlabelled can                      |
| Old Workshop (Cabinet 1)      | Diesel Oil 15W 40                               | Motomaster              | L     | Lubricant        | 946 mL             | Plastic        | 10/31/2014                     |                                     |
| Old Workshop (Cabinet 2)      | Varsol  | Recochem                | L     | Paint            | 3.78 L             | Plastic        | 10/13/2018                     |                                     |



**Hazardous Products Inventory Data Sheet – Burlington Lift Bridge**

| Date: January 29-30, 2018     |  |                   |       |                 |                    |                |                                |   |
|-------------------------------|--|-------------------|-------|-----------------|--------------------|----------------|--------------------------------|---|
| Auditor: Stephen Boles        |  |                   |       |                 |                    |                |                                |   |
| ROOM/LOCATION                 | COMMERCIAL PRODUCT NAME                  | MANUFACTURER      | STATE | CATEGORY OF USE | CONTAINER CAPACITY | CONTAINER TYPE | SDS DATE (m/d/y or Not Avail.) | OTHER NOTES                                     |
| Old Workshop (Cabinet 2)      | Handy Pack grease                        | Shell             | L     | Lubricant       | 400 g x 6          | Tube           | Not Avail.                     |   |
| Old Workshop (Cabinet 2)      | Senate 460                               | Petro Canada      | L     | Lubricant       | 20 L               | Plastic        | Not Avail.                     |   |
| Old Workshop (Cabinet 2)      | Regal Oil R&O 220                        | Texaco            | L     | Motor Oil       | 20 L x 2           | Plastic        | Not Avail.                     |   |
| Old Workshop (Cabinet 2)      | Molykote L-0501                          | Dow Corning       | L     | Lubricant       | 340 g x 2          | Aerosol        | 09/08/2006                     |   |
| Old Workshop (Cabinet 2)      | Ag/C&CE green paint                      | John Deere        | L     | Paint           | 340 g              | Aerosol        | Not Avail.                     |   |
| Old Workshop (Cabinet 2)      | Grease EP                                | Chevron           | L     | Lubricant       | 397 g x 23         | Tube           | 03/18/2019                     |   |
| Old Workshop (Cabinet 2)      | Premium waterproof silicone              | GE                | L     | Sealant         | 290 mL             | Tube           | Not Avail.                     | Ecologo   |
| New Workshop (Warehouse Area) | WD-40                                    | WD-40             | L     | Lubricant       | 325 g x 2          | Aerosol        | 03/27/2017                     |   |
| New Workshop (Warehouse Area) | Interior/exterior rust paint (yellow)    | Trileaf           | L     | Paint           | 3.78 L             | Metal          | 06/15/2011                     |   |
| New Workshop (Warehouse Area) | Interior/exterior porch and floor (grey) | Trileaf           | L     | Paint           | 3.78 L             | Metal          | 06/15/2011                     |   |
| New Workshop (Warehouse Area) | Tremclad rust paint (yellow)             | Tremco            | L     | Paint           | 3.78 L             | Metal          | 01/10/2016                     |   |
| New Workshop (Warehouse Area) | Tremclad rust paint (black)              | Tremco            | L     | Paint           | 3.78 L             | Metal          | 01/10/2016                     |   |
| New Workshop (Warehouse Area) | Torq-Gard 5W 30 Engine Oil               | John Deere        | L     | Motor Oil       | 946 mL             | Plastic        | Not Avail.                     |   |
| New Workshop (Warehouse Area) | Rock Salt                                | Meltco            | S     | De-icing        | 20 kg x 12         | Bag            | Not Avail.                     |   |
| New Workshop (Warehouse Area) | Smoke Check detector tester              | HSI Fire & Safety | L     | Safety          | 70.5 g             | Aerosol        | Not Avail.                     |   |
| New Workshop (Warehouse Area) | Fantastik                                | SC Johnson        | L     | Cleaner         | Unknown            | Plastic        | 02/25/2016                     | Temporary spray bottle without hazards warnings |
| New Workshop (Warehouse Area) | Glass Cleaner                            | Krown             | L     | Cleaner         | 946 mL             | Plastic        | Not Avail.                     |   |
| New Workshop (Warehouse Area) | Moly 29                                  | Keystone          | L     | Lubricant       | 340 g x 2          | Tube           | Not Avail.                     | Only spec. sheet in binder; not SDS             |
| New Workshop (Warehouse Area) | Carter Open Gear Grease                  | Total             | L     | Lubricant       | 289 g x 4          | Tube           | 09/07/2012                     |   |
| New Workshop (Warehouse Area) | Spic and Span                            | Proctor & Gamble  | L     | Cleaner         | 3.78 L             | Plastic        | Not Avail.                     |   |
| New Workshop (Warehouse Area) | Starplex EP2 Grease                      | Chevron           | L     | Lubricant       | 397 g x 5          | Tube           | 03/18/2019                     |   |
| New Workshop (Warehouse Area) | Penetrating Oil                          | MG Chemicals      | L     | Lubricant       | 450 g              | Aerosol        | Not Avail.                     |   |
| New Workshop (Warehouse Area) | Sifto Safe Step                          | Compass Minerals  | S     | Safety          | 20 kg x 5          | Bag            | 07/11/2014                     |   |



**Hazardous Products Inventory Data Sheet – Burlington Lift Bridge**

| Date: January 29-30, 2018       |                                     |              |       |                  |                    |                |                                |                  |
|---------------------------------|-------------------------------------|--------------|-------|------------------|--------------------|----------------|--------------------------------|------------------|
| Auditor: Stephen Boles          |                                     |              |       |                  |                    |                |                                |                  |
| ROOM/LOCATION                   | COMMERCIAL PRODUCT NAME             | MANUFACTURER | STATE | CATEGORY OF USE  | CONTAINER CAPACITY | CONTAINER TYPE | SDS DATE (m/d/y or Not Avail.) | OTHER NOTES      |
| New Workshop (Warehouse Area)   | Sweeping Compound                   | Zep          | S     | Cleaner          | 22.68 kg           | Bag            | Not Avail.                     |                  |
| New Workshop (Washroom)         | Safety Acid Bowl Cleaner            | Proven       | L     | Cleaner          | 1 L x 6            | Plastic        | 10/01/2016                     |                  |
| New Workshop (Washroom)         | Great White Hand Cleaner            | Deb          | L     | Personal Hygiene | 4 L                | Plastic        | 02/25/2017                     |                  |
| New Workshop (Washroom)         | Tire Shine                          | Mothers      | L     | Cleaner          | 710 mL             | Plastic        | Not Avail.                     |                  |
| New Workshop (Washroom)         | Liquid Glass Cleaner                | Proven       | L     | Cleaner          | 4 L x 2            | Plastic        | Not Avail.                     |                  |
| New Workshop (Washroom)         | “Selection” Windshield Washer Fluid | Metro Brands | L     | Automotive       | 3.78 L             | Plastic        | Not Avail.                     |                  |
| New Workshop (Chemical Cabinet) | Pene-Lube                           | Dow Corning  | L     | Lubricant        | 340 g x 2          | Aerosol        | 09/08/2006                     |                  |
| New Workshop (Chemical Cabinet) | Diesel Fuel                         | Unknown      | L     | Fuel             | 5 gal x 2          | Metal          | 06/28/2016                     | Yellow container |
| New Workshop (Chemical Cabinet) | Gasoline                            | Unknown      | L     | Fuel             | 5 gal x 2, 1 gal   | Metal          | Not Avail.                     | Red container    |
| New Workshop (Chemical Cabinet) | ABS Cement                          | Oatey        | L     | Adhesive         | 118 mL             | Metal          | Not Avail.                     |                  |
| New Workshop (Chemical Cabinet) | Fuel Oil mix                        | Unknown      | L     | Fuel             | 2 gal, 1 gal       | Jerry can      | Not Avail.                     |                  |
| New Workshop (Chemical Cabinet) | Stihl chain oil (medium)            | Omni         | L     | Motor Oil        | 3.78 L             | Plastic        | 06/20/2016                     |                  |
| New Workshop (Chemical Cabinet) | Diesel Oil 15W 40                   | Trileaf      | L     | Lubricant        | 946 mL             | Plastic        | 10/31/2014                     |                  |
| New Workshop (Chemical Cabinet) | Iron Guard Enamel (Kubota orange)   | CNH          | L     | Paint            | 340 g x 2          | Aerosol        | Not Avail.                     |                  |
| New Workshop (Chemical Cabinet) | Varsol                              | Recochem     | L     | Paint            | 3.78 L             | Plastic        | 10/13/2018                     |                  |
| New Workshop (Chemical Cabinet) | Stihl Two-stroke engine oil         | Omni         | L     | Motor Oil        | 200 mL x 2         | Plastic        | 06/02/2018                     |                  |
| New Workshop (Chemical Cabinet) | Acrylic latex caulk                 | DAP          | L     | Sealant          | 300 mL             | Tube           | Not Avail.                     |                  |
| New Workshop (Chemical Cabinet) | Penzoil 10W 30 Oil                  | Shell        | L     | Motor Oil        | 5 L                | Plastic        | 03/01/2014                     |                  |
| New Workshop (Chemical Cabinet) | Two-stroke motor oil                | Castrol      | L     | Motor Oil        | 1 L x 2            | Plastic        | Not Avail.                     |                  |
| New Workshop (Chemical Cabinet) | RPM LC Grease EP                    | Chevron      | L     | Lubricant        | 397 g x 3          | Tube           | 03/18/2019                     |                  |
| New Workshop (Chemical Cabinet) | Handy Pack grease                   | Shell        | L     | Lubricant        | 400 g              | Tube           | Not Avail.                     |                  |
| New Workshop (Chemical Cabinet) | Chain lube                          | Motomaster   | L     | Lubricant        | 340 g              | Aerosol        | Not Avail.                     |                  |
| New Workshop (Chemical Cabinet) | Choke & carb cleaner                | Kleen-Flo    | L     | Automotive       | 404 g              | Aerosol        | Not Avail.                     |                  |
| New Workshop (Chemical Cabinet) | Premier rust inhibitor              | LPS Labs     | L     | Lubricant        | 380 mL             | Aerosol        | Not Avail.                     |                  |
| New Workshop (Chemical Cabinet) | Pipe thread sealant “Masters”       | GF Thompson  | L     | Sealant          | 340 g x 2          | Metal          | Not Avail.                     |                  |

**APPENDIX B**  
**INVENTORY OF LESS-HAZARDOUS / NON-HAZARDOUS ALTERNATIVE PRODUCTS**

| COMMERCIAL PRODUCT NAME                | CATEGORY OF USE | Alternative Product                           | Quantity Available | Cost (\$)      | Manufacturer      | Supplier         | SDS | Previously Suggested |
|--|-----------------|---|--------------------|----------------|-------------------|------------------|-----|----------------------|
| "Selection"<br>Windshield Washer Fluid | Automotive      | LiquidXPress Washer Fluid                     | n/a                | n/a            | LiquidXPress      | liquidxpress.ca  | no  | no                   |
| 10-4 Glove Dust                        | Lubricant       | n/a   |                    |                |                   |                  |     |                      |
| ABS Cement                             | Adhesive        | Clear Sealent CLR 125                         | 10 oz              | 15.36 (2 pack) | Eco Bond Adhesive | Home Depot       | yes | yes                  |
| Acrylic latex caulk                    | Sealant         | GE Silicon II Kitchen, Bath                   | 304 mL             | 7.5            | GE                | Home Depot       | yes | yes                  |
| Ag/C&CE green paint                    | Paint           | n/a   |                    |                |                   |                  |     |                      |
| Alkyd Floor Enamel                     | Paint           | Rona Eco Paint                                | 3.78 L             | 20.49          | Rona              | Rona             | no  | yes                  |
| Alkyl Enamel Grey Paint                | Paint           | Rona Eco Paint                                | 3.78 L             | 20.49          | Rona              | Rona             | no  | yes                  |
| Armor Coat Floor Paint                 | Paint           | Rona Eco Paint                                | 3.78 L             | 20.49          | Rona              | Rona             | no  | yes                  |
| Carter Open Gear Grease                | Lubricant       | S350 All purpose grease                       | 205 L              | n/a            | Lubri-Lab BC      | Lubri-Lab BC     | no  | no                   |
| Cat EC-1 Extended Life Coolant         | Antifreeze      | Antifreeze and Engine Coolant                 | 1 gal              | 39.45          | AMSOIL            | www.amsoil.com   | yes | yes                  |
| Chain lube                             | Lubricant       | CCL Lubricant for chain and cable             | 1L                 | n/a            | Lubri-Lab BC      | Lubri-Lab BC     | no  | no                   |
| Choke & carb cleaner                   | Automotive      | Brake and Parts Cleaner                       | 5 g                | 39.99          | Enviro Caddie     | Envirocaddie.com | yes | no                   |
| Colorworks Enamel                      | Paint           | Rona Eco Paint                                | 3.78 L             | 20.49          | Rona              | Rona             | no  | yes                  |
| Comet                                  | Cleaner         | Greenworks Naturally Derived Bathroom Cleaner | 709 mL             | 3.19           | Clorox            | Canadian Tire    | yes | yes                  |
| Diesel Fuel                            | Fuel            | n/a   |                    |                |                   |                  |     |                      |
| Diesel Motor Oil 15W 40                | Motor Oil       | n/a   |                    |                |                   |                  |     |                      |

| COMMERCIAL PRODUCT NAME     | CATEGORY OF USE  | Alternative Product            | Quantity Available | Cost (\$) | Manufacturer                | Supplier       | SDS | Previously Suggested |
|-----------------------------|------------------|--------------------------------|--------------------|-----------|-----------------------------|----------------|-----|----------------------|
| Drain Master                | Cleaner          | n/a                            |                    |           |                             |                |     |                      |
| Drano                       | Cleaner          | n/a                            |                    |           |                             |                |     |                      |
| DTM acrylic B66T204         | Paint            | Rona Eco Paint                 | 3.78 L             | 20.49     | Rona                        | Rona           | no  | yes                  |
| Electro Contact Cleaner     | Cleaner          | G-49 Low VOC Orange Degreaser  | 15 oz              | 18.5      | LPS                         | Tenaquip       | yes | no                   |
| EP Unirex Grease            | Lubricant        | S350 All purpose grease        | 205 L              | n/a       | Lubri-Lab BC                | Lubri-Lab BC   | no  | no                   |
| ER-460                      | Lubricant        | S350 All purpose grease        | 205 L              | n/a       | Lubri-Lab BC                | Lubri-Lab BC   | no  | no                   |
| Ethylene Glycol ES Complete | Antifreeze       | Antifreeze and Engine Coolant  | 1 gal              | 39.45     | AMSOIL                      | www.amsoil.com | yes | yes                  |
| Fantastik                   | Cleaner          | Derived All Purpose Cleaner    | 496 ml             | 3.39      | Clorox                      | Canadian tire  | yes | yes                  |
| Finishing Wax               | Paint            | Eco Wood Treatment             | 4.5L               | 24.56     | Intl Eco Wood Treatment Ltd | Home Depot     | no  | no                   |
| Flat Interior Acrylic Latex | Paint            | Rona Eco Paint                 | 3.78 L             | 20.49     | Rona                        | Rona           | no  | yes                  |
| Floor Finish All Systems    | Cleaner          | Town Talk Eco Floor Cleaner    | 1L                 | 14.99     | Town Talk                   | Well.ca        |     | No                   |
| Gasoline                    | Fuel             | N/A                            |                    |           |                             |                |     |                      |
| Glass Cleaner               | Cleaner          | Method Glass & Surface Cleaner | 8.28 ml            | 4.99      | Method                      | Canadian tire  | yes |                      |
| Grease EP                   | Lubricant        | S350 All purpose grease        | 205 L              | n/a       | Lubri-Lab BC                | Lubri-Lab BC   | no  | no                   |
| Great White Hand Cleaner    | Personal Hygiene | Method Hand Wash               | 532 ml             | 4.49      | Method                      | Canadian Tire  | yes | yes                  |
| Handy Pack grease           | Lubricant        | S350 All purpose grease        | 205 L              | n/a       | Lubri-Lab BC                | Lubri-Lab BC   | no  | no                   |

| COMMERCIAL PRODUCT NAME                         | CATEGORY OF USE  | Alternative Product            | Quantity Available | Cost (\$) | Manufacturer | Supplier      | SDS | Previously Suggested |
|---|------------------|--------------------------------|--------------------|-----------|--------------|---------------|-----|----------------------|
| Interior Latex                                  | Paint            | Rona Eco Paint                 | 3.78 L             | 20.49     | Rona         | Rona          | no  | yes                  |
| Interior paint and primer (dark brown)          | Paint            | Rona Eco Paint                 | 3.78 L             | 20.49     | Rona         | Rona          | no  | yes                  |
| Interior/exterior porch and floor (grey)        | Paint            | Rona Eco Paint                 | 3.78 L             | 20.49     | Rona         | Rona          | no  | yes                  |
| Interior/exterior rust paint (yellow)           | Paint            | Rona Eco Paint                 | 3.78 L             | 20.49     | Rona         | Rona          | no  | yes                  |
| Interior/Exterior Spray Paint                   | Paint            | n/a                            |                    |           |              |               |     |                      |
| Iron Guard Enamel (Kubota orange)               | Paint            | Rona Eco Paint                 | 3.78 L             | 20.49     | Rona         | Rona          | no  | yes                  |
| J2 Spray Paint                                  | Paint            | n/a                            |                    |           |              |               |     |                      |
| K-55  | Lubricant        | n/a                            |                    |           |              |               |     |                      |
| Kleentec parts cleaner                          | Solvent          | n/a                            |                    |           |              |               |     |                      |
| Kool Splash Lotion Soap                         | Personal Hygiene | Method Hand Wash               | 532 ml             | 4.49      | Method       | Canadian Tire | yes | yes                  |
| Latex satin porch and floor paint (satin white) | Paint            | Rona Eco Paint                 | 3.78 L             | 20.49     | Rona         | Rona          | no  | yes                  |
| Liquid Glass Cleaner                            | Cleaner          | Method Glass & Surface Cleaner | 8.28 ml            | 4.99      | Method       | Canadian tire | yes | yes                  |
| Marfak Multipurpose 2                           | Lubricant        | S350 All purpose grease        | 205 L              | n/a       | Lubri-Lab BC | Lubri-Lab BC  | no  | no                   |
| Meropa 320                                      | Lubricant        | S350 All purpose grease        | 205 L              | n/a       | Lubri-Lab BC | Lubri-Lab BC  | no  | no                   |
| Moly 29   | Lubricant        | S350 All purpose grease        | 205 L              | n/a       | Lubri-Lab BC | Lubri-Lab BC  | no  | no                   |
| Molykote L-0501                                 | Lubricant        | Pen Lub Penetrating Lubricant  | 205 L              | n/a       | Lubri-Lab BC | Lubri-Lab BC  | no  | no                   |



| COMMERCIAL PRODUCT NAME                  | CATEGORY OF USE  | Alternative Product             | Quantity Available | Cost (\$) | Manufacturer | Supplier      | SDS | Previously Suggested |
|--|------------------|---------------------------------|--------------------|-----------|--------------|---------------|-----|----------------------|
| Motomaster 10W 30                        | Oil              | n/a                             |                    |           |              |               |     |                      |
| Mouldspray                               | Cleaner          | Concrobium Mold Control         | 946 ml             | 9.99      | Concrobium   | Canadian Tire | yes | no                   |
| Multipurpose EP1                         | Lubricant        | S350 All purpose grease         | 205 L              | n/a       | Lubri-Lab BC | Lubri-Lab BC  | no  | no                   |
| Neutral Lemon Floor Cleaner              | Cleaner          | Town Talk Eco Floor Cleaner     | 1L                 | 14.99     | Town Talk    | Well.ca       | no  | No                   |
| Omala Industrial Gear Oil                | Lubricant        | Biotope-Gear Synthetic Gear oil | n/a                | n/a       | Lubri-Lab BC | Lubri-Lab BC  | no  | no                   |
| Orange Hand Cleaner with Scrubbers       | Personal Hygiene | Snap Hand Cleaner               | 400 mL             | 9.29      | Snap         | Well.ca       | no  | no                   |
| Paint and primer exterior (brown)        | Paint            | Rona Eco Paint                  | 3.78 L             | 20.49     | Rona         | Rona          | no  | yes                  |
| Painters Touch high gloss (red)          | Paint            | Rona Eco Paint                  | 3.78 L             | 20.49     | Rona         | Rona          | no  | yes                  |
| Pene-Lube                                | Lubricant        | Pen Lub Penetrating Lubricant   | 205 L              | n/a       | Lubri-Lab BC | Lubri-Lab BC  | no  | no                   |
| Penetrating Oil                          | Lubricant        | Pen Lub Penetrating Lubricant   | 205 L              | n/a       | Lubri-Lab BC | Lubri-Lab BC  | no  | no                   |
| Penzoil 10W 30 Oil                       | Motor Oil        | n/a                             |                    |           |              |               |     |                      |
| Pipe thread sealant "Masters"            | Sealant          | n/a                             |                    |           |              |               |     |                      |
| Porch and patio floor paint #6694 (grey) | Paint            | Rona Eco Paint                  | 3.78 L             | 20.49     | Rona         | Rona          | no  | yes                  |
| Premier rust inhibitor                   | Lubricant        | Rust Defense Antil rust coating | 205 L              | n/a       | Lubri-Lab BC | Lubri-Lab BC  | no  | no                   |
| Premium waterproof silicone              | Sealant          | Already an eco logo product     |                    |           |              |               |     |                      |
| RCF-100 Reciprocating Compressor Fluid   | Lubricant        | S350 All purpose grease         | 205 L              | n/a       | Lubri-Lab BC | Lubri-Lab BC  | no  | no                   |

| COMMERCIAL PRODUCT NAME     | CATEGORY OF USE | Alternative Product                    | Quantity Available | Cost (\$)     | Manufacturer | Supplier      | SDS | Previously Suggested |
|-----------------------------|-----------------|--|--------------------|---------------|--------------|---------------|-----|----------------------|
| Regal Oil R&O 220           | Motor Oil       | n/a                                    |                    |               |              |               |     |                      |
| Renolin Centigard 300       | Lubricant       | Environ Aw Biodegradable hydraulic oil | 20 L               | n/a           | Petro Canada | Petro Canada  | yes | no                   |
| Rock Salt                   | De-icing        | MELT Enviro-Blend                      | 50 lb              | 28.79         | Snow Joe     | Home Depot    | no  | no                   |
| RPM LC Grease EP            | Lubricant       | S350 All purpose grease                | 205L               | n/a           | Lubri-Lab BC | Lubri-Lab BC  | no  | no                   |
| Safety Acid Bowl Cleaner    | Cleaner         | Method Antibac Toliet Cleaner          | 709 mL             | 5.99          | Method       | Well.ca       | yes | No                   |
| Senate 460                  | Lubricant       | n/a                                    |                    |               |              |               |     |                      |
| Severe Duty Battery         | Battery         | n/a                                    |                    |               |              |               |     |                      |
| Sifto Safe Step             | Safety          | MELT Enviro-Blend                      | 50 lb              | 28.79         | Snow Joe     | Home Depot    | no  | no                   |
| Smoke Check detector tester | Safety          | Already an eco logo product            |                    |               |              |               |     |                      |
| Spic and Span               | Cleaner         | Derived All Purpose Cleaner            | 496 ml             | 3.39          | Clorox       | Canadian tire | yes | yes                  |
| SPLube 100                  | Lubricant       | Pen Lub Penetrating Lubricant          | 205 L              | n/a           | Lubri-Lab BC | Lubri-Lab BC  | no  | no                   |
| Starplex EP2 Grease         | Lubricant       | S350 All purpose grease                | 205 L              | n/a           | Lubri-Lab BC | Lubri-Lab BC  | no  | no                   |
| Stihl chain oil (medium)    | Motor Oil       | CCL Lubricant for chain and cable      | 205L               | n/a           | Lubri-Lab BC | Lubri-Lab BC  | no  | no                   |
| Stihl Two-stroke engine oil | Motor Oil       | n/a                                    |                    |               |              |               |     |                      |
| Stripper/Degreaser          | Cleaner         | MSC-317 Cleaner and Degreaser          | 34 oz, 5.28 US Gal | 19.95, 295.00 | Lube Clean   | lubeclean.ca  | no  | no                   |
| Sunlight                    | Cleaner         | Greenworks dishwashing liquid          | 650 mL             | 2.27          | Clorox       | Walmart       | yes | no                   |

| COMMERCIAL PRODUCT NAME           | CATEGORY OF USE | Alternative Product                  | Quantity Available | Cost (\$)      | Manufacturer       | Supplier      | SDS | Previously Suggested |
|-----------------------------------|-----------------|--------------------------------------|--------------------|----------------|--------------------|---------------|-----|----------------------|
| Sweeping Compound                 | Cleaner         | Green Water Based Sweeping Compound  | 50 lb              | 26.5           | Green Kleen Sweep  | Fastenal      | yes | no                   |
| Texaco Crater M                   | Lubricant       | Top 5 High Performance Impact Grease | 205 L              | n/a            | Lubri-Lab BC       | Lubri-Lab BC  | no  | no                   |
| Tire Shine                        | Cleaner         | Eco Touch Tire Shine                 | 16 oz or 1 Gal     | 21.52 or 44.79 | Eco Touch          | Amazon.ca     | yes | no                   |
| Torq-Gard 5W 30 Engine Oil        | Motor Oil       | n/a                                  |                    |                |                    |               |     |                      |
| Tremclad rust paint (black)       | Paint           | Rona Eco Paint                       | 3.78 L             | 21.49          | Rona               | Rona          | no  | yes                  |
| Tremclad rust paint (green)       | Paint           | Rona Eco Paint                       | 3.78 L             | 23.49          | Rona               | Rona          | no  | yes                  |
| Tremclad rust paint (grey primer) | Paint           | Rona Eco Paint                       | 3.78 L             | 24.49          | Rona               | Rona          | no  | yes                  |
| Tremclad rust paint (red)         | Paint           | Rona Eco Paint                       | 3.78 L             | 25.49          | Rona               | Rona          | no  | yes                  |
| Tremclad rust paint (yellow)      | Paint           | Rona Eco Paint                       | 3.78 L             | 26.49          | Rona               | Rona          | no  | yes                  |
| Two-stroke motor oil              | Motor Oil       | n/a                                  |                    |                |                    |               |     |                      |
| Univis J13                        | Lubricant       | Pen Lub Penetrating Lubricant        | 205 L              | n/a            | Lubri-Lab BC       | Lubri-Lab BC  | no  | no                   |
| Varsol                            | Paint           | Biodegradable Multilayer Stripper    | 3.78 L             | 45.99          | Super Decapant Eco | Rona          | no  | no                   |
| WD-40                             | Lubricant       | Pen Lub Penetrating Lubricant        | 205 L              | n/a            | Lubri-Lab BC       | Lubri-Lab BC  | no  | no                   |
| Windex                            | Cleaner         | Method Glass & Surface Cleaner       | 8.28 ml            | 4.99           | Method             | Canadian tire | yes | no                   |