



Technical Standards and Safety Authority
 345 Carlingview Drive
 Toronto, Ontario M9W 6N9
 Tel: 416.734.3300
 Fax: 416.231.4078
 Customer Service: 1.877.682.8772
 propane@tssa.org
 www.tssa.org

Level 1 Risk and Safety Management Plan (RSMP)
Technical Standards and Safety Act
 Propane Storage and Handling Regulation

- This Level 1 RSMP applies to:
- a facility with a total propane storage capacity of 5,000 USWG or less; or
 - a facility with a fixed propane storage capacity of exactly 5,000 USWG and no more than 500 USWG of portable propane storage capacity on site.

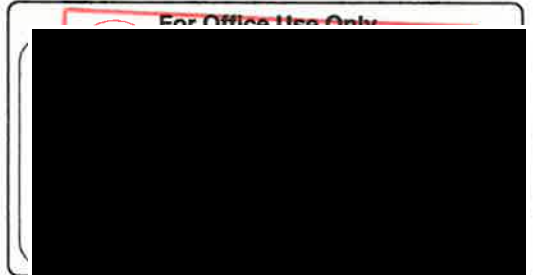
**Failure to fully complete this form may result in rejection.
 Making a false statement may result in a fine or prosecution
 under the *Technical Standards and Safety Act***

Licence Number *JB:*

Check applicable type of propane operations.

Cylinder Motor Fill Filling Plant Card/Keylock

Submit along with this completed application a Facility Site Plan and a Map of the Surrounding Area.



SECTION A: GENERAL INFORMATION

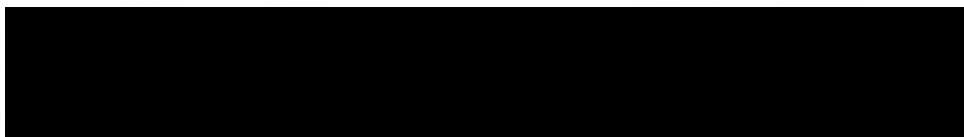
The Undersigned applies to TSSA for a review for an RSMP under Ontario's *Technical Standards and Safety Act*, Propane Storage and Handling Regulation.

A Company Name: Corporation No.:
 Operator Name (if different from above):
 Telephone No.: Fax No.: E-mail:
B Street No.: Street Name / 911 Number / Address, if applicable:
 Town / City or Township / County: Province: Postal Code:
Mailing address if different from above.
C Street No.: Street Name / 911 Number / Address, if applicable:
 Town / City or Township / County: Province: Postal Code:

Information on Container Refill Centre or Filling Plant

D Location of facility.
 Street No.: Street Name / 911 Number / Address, if applicable: Nearest Major Intersection:
 Town / City or Township / County: Province: Postal Code:

Name of Licence Holder:
 Name of a Senior Management person as defined in the regulation holding the Record of Training (ROT): ROT type:
 Municipality (or municipalities if the facility or its hazard distance touches multiple borders):

Hours of operation. 



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SECTION A: GENERAL INFORMATION (cont'd)

Indicate the year the facility was established. 2017 Indicate the year of any significant modifications, as defined in s.1, O.Reg 211/01, since establishment. New Gas Station


Identify the psig rating and serial number for each fixed propane storage tank on site.

| | PSIG | Serial Number |
|---------|-----------------|----------------|
| Tank 1: | <u>250 psig</u> | <u>1072-16</u> |
| Tank 2: | _____ | _____ |
| Tank 3: | _____ | _____ |

Enter capacity of propane in USWG, fixed, portable, and mobile, and provide detailed inventory that includes the number of tank/vessel for each type (fixed, portable, and mobile) and the capacity of each tank/vessel, on a separate document.

Fixed: 1999 USWG Portable: 139.2 USWG Mobile: 0 USWG

Declaration: I am aware that it is an offence to give false information in this document and I hereby declare that the information I have given here is true and complete.

| | | |
|--|--------------------------------------|---|
| Name of person completing this form (please print) <u>Adam Bholat</u> | Official Title <u>Owner</u> | |
| Signature  | Telephone No. <u>905-782-6777</u> | Date (dd-mmm-yyyy) <u>18-09-2017</u> |



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SECTION A: GENERAL INFORMATION (cont'd)

Activity Information

| | | | |
|--|--|-----------------------------|------------------------|
| Name of Propane Supplier(s) Edpro Energy Group | | For Office Use - Party No. | |
| Street No. 5 | Street Name / 911 Number / Address, if applicable Cuddy Boulevard | | |
| Town / City or Township / Country London | | Province Ontario | Postal Code N5V 3Y3 |
| Telephone No. 1-519-690-0000 | Fax No. 1-519-690-1948 | Contact Name Joe Erskine | |
| E-mail info@edproenergy.com | | | |

| | | | |
|--|--|-----------------------------|------------------------|
| Name of Propane Transporter. If same as above, please check box. <input type="checkbox"/> | | For Office Use - Party No. | |
| Edpro Energy Group | | | |
| Street No. 5 | Street Name / 911 Number / Address, if applicable Cuddy Boulevard | | |
| Town / City or Township / Country London | | Province Ontario | Postal Code N5V 3Y3 |
| Telephone No. 1-519-690-0000 | Fax No. 1-519-690-1948 | Contact Name Joe Erskine | |
| E-mail info@edproenergy.com | | | |

| | | | |
|--|-----------------------------------|----------------------------|-------------|
| Off-site Cylinder and/or Mobile Storage N/A | Capacity stored off-site, in USWG | For Office Use - Party No. | |
| Street No. / Street Name / 911 Number / Address, if applicable | | | |
| Town / City or Township / Country | | Province | Postal Code |
| Telephone No. | Fax No. | Contact Name | |

Note: Customer storage is not considered off-site storage.

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SECTION B: EMERGENCY AND PREPAREDNESS RESPONSE PLAN

The licence holder will complete Section B in consultation with the local Fire Services.

Description of the maximum volume, types and storage location of other hazardous materials on site, if any.

The site has 1x1,999 USWG Vertical propane tank, 1x20lb cylinder for purging and 1 cylinder cages holding up to 24 x 20lb cylinders. Facility also has underground gasoline tanks ,Tank #1 75,000 split 50,000 Litres Regular,25,000 Litres Diesel.Tank#2, 75,000 litre split 50,000 Litres Regular ,25,000 Litres Premium. All Underground tanks are fibreglass double walled protected. There are no hazardous materials on site.

Description of fire and emergency equipment indicated on facility site map.

The facility is equipped with fire extinguishers. There is one located at the propane tank,two located at the gasoline islands, and two located in the c-store. There is a remote Emergency Shut down(ESD)located on one of the posts at the tank which is clearly marked, The ESD kills power to the propane and stops the motor and closes the fuel supply solenoid valve to prevent product flow.

List of fire protection controls (e.g., fire detection systems, fire notification systems, alarm systems, automatic shut off devices, fusible links, etc.) and describe their function, use and operation.

The propane tank is equipped with a fusible link connected to a chain that will melt at 212 degrees F which will break the chain and the spring loaded ISC valve will close automatically shutting off the propane suction to the pump. There is an Emergency Shut Down (ESD) located on one of the posts at the tank. The ESD kills power to the propane and stops the motor and closes the fuel supply solenoid valve to prevent product flow. The site has security cameras located at various locations that are monitored.

Maintenance and testing schedule for fire protection controls and devices.

The fire extinguishers are checked monthly and retested annually for proper operation.The propane equipment and ESD is inspected annually by a TSSA registered contractor. Copies of Inspection reports are keep on site.

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SECTION B: EMERGENCY AND PREPAREDNESS RESPONSE PLAN (cont'd)

1. Contacts for Emergency Response

| | | | |
|--|----------------------------|--|--------------------------------|
| 1. Facility Contact Personnel - Key Contact | | 5. Facility 24-Hour Contact Person | |
| Name Adam Bholat | For Office Use - Party No. | Name Adam Bholat | For Office Use - Party No. |
| Official Title Owner | | Official Title Owner | |
| Telephone No. 905-782-6777 | Fax No. n/a | Cell No. 905-782-6777 | Fax No. n/a |
| E-mail abholat@rogers.com | | E-mail abholat@rogers.com | |
| Role and responsibilities in emergency Ensures that all employees are trained to work with propane and enforces the site safety plan in response to emergencies. Will make 911 call. | | Role and responsibilities in emergency Same as item 1 | |
| 2. Facility Contact Personnel - Alternate Contact | | 6. Name of Facility Manager | |
| Name Amhed Bholat | For Office Use - Party No. | Name Adam Bholat | For Office Use - Party No. |
| Official Title Assistant Manager | | Official Title Owner | |
| Telephone No. 416-655-9083 | Fax No. n/a | Telephone No. 905-782-6777 | Fax No. n/a |
| E-mail abholat09@gmail.com | | E-mail abholat@rogers.com | |
| Role and responsibilities in emergency Will assist the key contact in emergencies and will assume responsibility for site liaison if key contact is away from site. Will make 911 call. | | Role and responsibilities in emergency Same as item 1 | |
| 3. Local Fire Services - Key Contact | | 7. Propane Supplier Key Contact Person | |
| Name Susan King | For Office Use - Party No. | Name Joe Erskine | For Office Use - Party No. |
| Official Title Chief Fire Prevention Officer | E-mail sking@oshawa.ca | Official Title General Manager | E-mail info@edproenergy.com |
| Telephone No. 905-436-3311 ext 3324 | Fax No. 905-433-0276 | Telephone No. 1-519-690-0000 | Fax No. 1-519-690-1948 |
| Role and responsibilities in emergency Coordinates all Fire Prevention Officers activities and assigns the resources as required during emergencies. | | Role and responsibilities in emergency Coordinates truck deliveries and would initiate the CPA Emergency Response Plan as required. | |
| Fire Services Address Fire Services ,199 Adelaide Ave West,Oshawa,Ontario L1J 7B1 | | Propane Supplier Address 5 Cuddy Boulevard,London,Ontario N5V 3Y3 | |
| 4. Local Fire Services - Alternate Contact | | 8. Municipal Contact | |
| Name Glenn Green | For Office Use - Party No. | Name Andrew Brouwer | For Office Use - Party No. |
| Official Title Fire Prevention Captain | E-mail ggreen@oshawa.ca | Official Title City Clerk | |
| Telephone No. 905-436-3311 ext 3304 | Fax No. 905-433-0276 | Telephone No. 905-436-3311 ext 2230 | Fax No. 905-436-5697 |
| Role and responsibilities in emergency Will assist chief in co-ordination of fire services resources. Alternative contact when chief is away. | | E-mail abrouwer@oshawa.ca | |
| Fire Services Address Fire Services, 199 Adelaide Ave West,Oshawa,Ontario L1J 7B1 | | Municipality Name and Address 50 Centre Street South,Oshawa,Ontario L1H 3Z7 | |

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SECTION B: EMERGENCY AND PREPAREDNESS RESPONSE PLAN (cont'd)

2. Additional Safety Measures

Describe any other measures in place at the facility that exceed the minimum Code and Standards requirements.

Emergency Response Assistance Plan-available by contacting supplier.

The facility is built to the propane code requirements and does not have any extra features that are over and above the code. The tank is protected with concrete filled posts on all sides and has an Emergency shutdown button that will kill power to the pump and solenoid valve when pushed. Tank is in constant site of employees on the premises. Fire Equipment access is easy off of Simcoe Street with a large area to manoeuvre trucks around. The site is monitored 24/7 by security cameras.

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SECTION B: EMERGENCY AND PREPAREDNESS RESPONSE PLAN (cont'd)

3. Record of Emergency Training Provided - For most recent 12-month period.

Training on Emergency Response Plan and Procedures provided to facility key contacts.

| | |
|---|---|
| Training Date (dd-mmm-yyyy) 30-11-2017 | Print Name of Training Provider: Promar Petroleum |
| | Print Name of Instructor: Mike Martin |
| Training Date (dd-mmm-yyyy) | Print Name of Training Provider: |
| | Print Name of Instructor: |
| Training Date (dd-mmm-yyyy) | Print Name of Training Provider: |
| | Print Name of Instructor: |

Training on the facility's Emergency Management Procedures provided to staff.

| | |
|---|---|
| Training Date (dd-mmm-yyyy) 30-11-2017 | Print Name of Training Provider: Promar Petroleum |
| | Print Name of Instructor: Mike Martin |
| Training Date (dd-mmm-yyyy) | Print Name of Training Provider: |
| | Print Name of Instructor: |
| Training Date (dd-mmm-yyyy) | Print Name of Training Provider: |
| | Print Name of Instructor: |

On-site specific training provided to certificate holders / persons with Records of Training.

| | |
|---|---|
| Training Date (dd-mmm-yyyy) 30-11-2017 | Print Name of Training Provider: Promar Petroleum |
| | Print Name of Instructor: Mike Martin |
| Training Date (dd-mmm-yyyy) | Print Name of Training Provider: |
| | Print Name of Instructor: |
| Training Date (dd-mmm-yyyy) | Print Name of Training Provider: |
| | Print Name of Instructor: |

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SECTION B: EMERGENCY AND PREPAREDNESS RESPONSE PLAN (cont'd)

4. Emergency Training Plan for Coming Year

Training on Emergency Response Plan and Procedures provided to facility key contacts.

| | |
|---|--|
| Target Date (dd-mmm-yyyy) 28-11-2018 | Print Name of Training Provider: 2413788 Ontario Inc |
| | Print Name of Instructor: Adam Bholat |
| Target Date (dd-mmm-yyyy) | Print Name of Training Provider: |
| | Print Name of Instructor: |
| Target Date (dd-mmm-yyyy) | Print Name of Training Provider: |
| | Print Name of Instructor: |

Training on the facility's Emergency Management Procedures provided to staff.

| | |
|---|--|
| Target Date (dd-mmm-yyyy) 28-11-2018 | Print Name of Training Provider: 2413788 Ontario Inc |
| | Print Name of Instructor: Adam Bholat |
| Target Date (dd-mmm-yyyy) | Print Name of Training Provider: |
| | Print Name of Instructor: |
| Target Date (dd-mmm-yyyy) | Print Name of Training Provider: |
| | Print Name of Instructor: |

On-site specific training provided to certificate holders / persons with Records of Training.

| | |
|----------------------------------|---|
| Target Date (dd-mmm-yyyy) TBD | Print Name of Training Provider: Promar Petroleum |
| | Print Name of Instructor: Mike Martin |
| Target Date (dd-mmm-yyyy) | Print Name of Training Provider: |
| | Print Name of Instructor: |
| Target Date (dd-mmm-yyyy) | Print Name of Training Provider: |
| | Print Name of Instructor: |

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SECTION B: EMERGENCY AND PREPAREDNESS RESPONSE PLAN (cont'd)

The licence holder will complete Section B in consultation with the local Fire Services.

5. Emergency Response Communications Plan

Warnings and Actions

Describe who gives warnings to whom, and how and when the warning will be given (including public notification as appropriate).
 The attendant on site will notify the patrons at the propane facility that a problem has occurred after pressing the ESD switch and closing the ISC valve. The patrons will be asked to leave the site and the attendant will proceed to call 911 and ask for Fire Services and Police response. After the call is made, the attendant will proceed to notify any staff and proceed to the "Muster Point" on site.

Describe what action is to be taken and by whom when a warning is issued (including details of a meeting place in a safe identified area and activating the evacuation plan, if necessary).
 After a warning is issued the attendant will block off the entrance/exits to the site. Once the area is free of customers, the staff will meet at the "Muster Point" (See Drawing P-101) and await the arrival of Emergency Responders.

Communication with Emergency Response Authorities

Describe when and how the licence holder will give early warning to emergency response authorities (including a process to ensure that a call is placed to 911).
 Once an emergency situation is confirmed at the propane facility, the attendant will call 911 to ask for Fire and Police response. The attendant always carries a cell phone and also has access to a phone inside the C-store. A call will be made by any of the two means. After the call is made the attendant will await the arrival of the Emergency Responders. The RSMP document is maintained on site in the office for presentation to the Emergency Responders.

Describe provisions for fire department entry when there are no operations or staffing at the propane site.
 The site is not fenced so access to the site is always available to Emergency Responders from Simcoe Street. The tank is located at the South East corner of the property. There are no barriers to the tank. The site is open 24/7.

Describe how the licence holder will ensure continual flow of updated information to authorities.
 The attendant will always be on site as the site operates 24/7. When Emergency Responders come to the site the attendant will identify themselves as the person who is responsible for the propane and will communicate directly with the Emergency Responders. The amount of product in the propane tank will be communicated to the Emergency Responders but daily records are not kept as it is not possible to determine the volume in a vertical propane tank as there are no gauges indicating the quantity. Only records of sales are tabulated.

How long will it take the facility liaison person to respond to the site.
 30 Minutes for the owner, if not already on site.

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SECTION B: EMERGENCY AND PREPAREDNESS RESPONSE PLAN (cont'd)

The licence holder will complete Section B in consultation with the local Fire Services.

6. Building and Site Security and Procedures

- | | Yes | No |
|---|-------------------------------------|-------------------------------------|
| 1. Does the propane location have controlled access to limit unnecessary risk and entry (lock out procedures)? | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Is there adequate night lighting at the site? | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Are procedures in place that ensure access routes, aisles, storage area, filling areas and the grounds are kept clear from unwanted materials? | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. Are there procedures that capture and record the daily inspection of hoses and inspection requirements for filling systems and mechanical devices used in the transfer of propane? | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 5. Does the facility have procedures that include a process to isolate and purge any overfilled propane cylinders? | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 6. Are weighing systems validated for accuracy? | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 7. Are storage areas clearly marked with the vessels' capacity status (i.e., filled, empty, purged and other hazardous materials)? | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 8. Are quality assurance procedures in place to ensure that all valves are closed after the propane cylinders are filled?(e.g., QCC valves) | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 9. Is the schedule of maintenance and testing activities retained on site? | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

7. Water Supply

The propane licence holder should work with the local fire department to determine water supply capabilities that are available based on the propane facility's location.

- | | Yes | No |
|---|-------------------------------------|--------------------------|
| 1. Is a pressurized water system available at the propane facility site? | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Can the municipal fire department pump 375 GPM (1420 LPM) of water at this location? | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. What is the unobstructed distance to the closest water supply that could be used for firefighting activities? (distance in metres only) | | 50 m _____ |
| 4. What is the unobstructed distance to the closest approved water supply with year round access if there are no hydrants? (distance in metres only) | | N/A _____ |

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SECTION B: EMERGENCY AND PREPAREDNESS RESPONSE PLAN (cont'd)

The licence holder will complete Section B in consultation with the local Fire Services.

8. Licence holder and local Fire Services Review

To be completed by the Local Fire Services

Has the local fire service had an opportunity to review the Emergency Response and Preparedness Plan?

Yes

No

If not, please explain (e.g., no fire services).

Fire services comments, if any:

To be completed by the Licence Holder

In response to the above comments, the following action(s) is required:

The licence holder will respond to the Local Fire Services comments by: _____
 (dd-mmm-yyyy)

LOCAL FIRE SERVICES

The undersigned has reviewed Section B of the Risk and Safety Management Plan Fire Services.

| Print name | Signature | Date (dd-mmm-yyyy) |
|--|-----------|--------------------|
| Local Fire Services Name Susan King -Chief Fire Prevention Officer | | 28-11-2017 |

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SECTION C: SUBMISSIONS

Applicant must include a Facility Site Plan and Map of Surrounding Area

Facility Site Plan.

The licence holder will submit a copy of the original facility site plan updated with the following information:

1. The storage location of fixed, portable, and mobile vessels.
2. The maximum volume, types and storage location of hazardous materials.
3. Location of permanent structures on site.
4. Access and egress points and location of barriers.
5. Location of fire and emergency equipment (e.g., sprinkler systems, extinguishers, suppression systems) on site and location of fire hydrant or water supply where available.
6. Location of emergency shut off/shut down switches/valves.

Map of Surrounding Area.


The licence holder will submit a scaled aerial map of the surrounding area showing the following information:

7. The capacity and placement of the single largest propane storage vessel, including its setback from the front, rear and side property lines.
8. GPS co-ordinates of the single largest vessel.
9. Visual indication of the single largest fixed vessel and a circle made using the distance in Table 1 as the radius from the single largest fixed vessel.
10. Clear indication of the municipality or municipalities present within the circle.
11. Visual indication of property line information.
12. The location and name of roads within or abutting the site.
13. Key note to the drawing indicating the facility's municipal address, municipal lot number(s) and concession lines as applicable, and the date the map was prepared.
14. Address and contact information for each municipality (municipal clerk or secretary-treasurers of planning board). (Refer to page 5.)
15. Complete "**Required Mapping Information from Updated Site Plan**" in table below .

Required Mapping Information from Updated Site Plan

| | |
|--|---|
| Date map prepared (dd-mmm-yyyy) <u>04-06-2017</u> | Capacity of single largest propane storage vessel (USWG) <u>1,999 USWG</u> |
| Tank setback coordinates. Indicate placement on the map. | |
| Front: <u>30.5 m</u> | Right side property line: <u>17.2 m</u> |
| Rear: <u>4.3 m</u> | Left side property line: <u>23.1 m</u> |
| GPS coordinates of single largest vessel: <u>Long43°52'27.52"N Lat:78°50'39.50"W</u> | |

Declaration: I am aware that it is an offence to give false information in this document and I hereby declare that the information I have given here is true and complete.

| | |
|--|---------------------------------------|
| Name of person completing this form (please print) <u>Adam Bholat</u> | Official Title <u>Owner</u> |
| Signature  | Telephone No. <u>905-782-6777</u> |
| | Date (dd-mmm-yyyy) <u>18-09-17</u> |



Technical Standards and Safety Authority
 345 Carlingview Drive
 Toronto, Ontario M9W 6N9
 Tel: 416.734.3300
 Fax: 416.231.4078
 Customer Service: 1.877.682.8772
 propane@tssa.org
 www.tssa.org

Level 1 Risk and Safety Management Plan (RSMP)
Technical Standards and Safety Act
 Propane Storage and Handling Regulation

SECTION C: SUBMISSIONS (cont'd)

Applicant must include a Facility Site Plan and Map of Surrounding Area

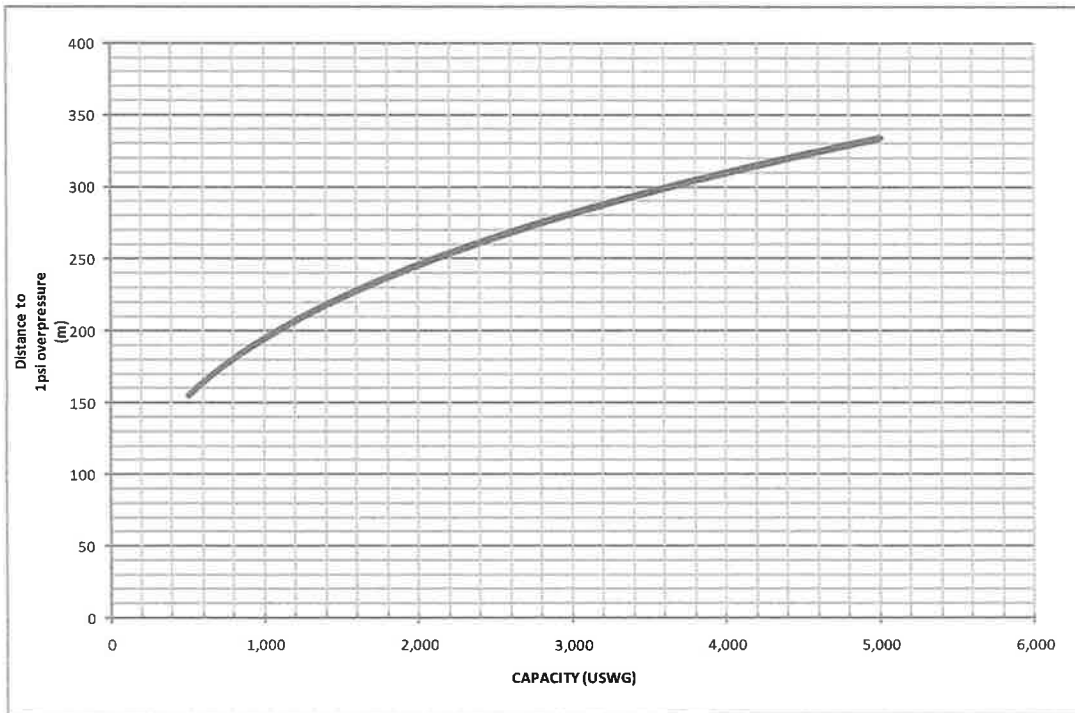
Table 1: Distance Table

| Water Capacity (litres) | Nominal Water Capacity (USWG) | Distance to 1 psi overpressure (m) |
|-------------------------|-------------------------------|------------------------------------|
| 1,890 | 500 | 155 |
| 3,780 | 1,000 | 195 |
| 4,920 | 1,300 | 213 |
| 6,620 | 1,750 | 235 |
| 7,130 | 1,885 | 241 |
| 7,560 | 2,000 | 246 |
| 18,900 | 5,000 | 333 |

Formula: $D = 16.94 \times (1.524 \times C)^{1/3}$
 D = Distance to overpressure of 1 psi (meters)
 C = Tank Total Capacity in USWG

Parameters: Density of Propane is 0.5033 kg per litre @ 15 C
 Assume all vessels are 80% full
 1 gallon [US, liquid] = 0.003785411784 cubic meter
 1 cubic metre = 264.17 USWG

Hazard Distance Chart (EPA-TNT model)





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SECTION C: SUBMISSIONS (cont'd)

Applicant must include a Facility Site Plan and Map of Surrounding Area

As an accompaniment to the Map of Surrounding Area, provide the following information about buildings and features present within the circle in Table 2.

Table 2: Buildings and Features

| Buildings and Features Present within the Circle on the Map of the Surrounding Area AND Name and Address of Closest Building or Feature | * Number of Buildings and Features (mark with an "X") | | | | Distance from Tank to Closest Building or Feature |
|---|---|---|------|-----|---|
| | 0 | 1 | 2-10 | 11+ | |
| Industrial buildings or parks or golf courses Name: <u>AGS Automotive Systems</u> Address: <u>901 Simcoe Street South</u> City: <u>Oshawa</u> Province <u>Ontario</u> Postal Code <u>L1H 4L2</u> | | | X | | <u>160</u> m |
| [REDACTED] | | | | X | <u>26</u> m |
| Commercial building units specifically retail, restaurants, entertainment, theatres, and sporting complexes. Name: <u>Petro Canada Gas Bar</u> Address: <u>1002 Simcoe Street South</u> City: <u>Oshawa</u> Province <u>Ontario</u> Postal Code <u>L1H 4L3</u> | | | X | | <u>116</u> m |
| Commercial building units – continuous occupancy specifically hotels, campgrounds, and resorts. Name: _____ Address: _____ City: _____ Province _____ Postal Code _____ | X | | | | _____ m |
| Sensitive institutions specifically hospitals, schools and day cares, nursing and retirement homes, mental health institutions, and prisons. Name: _____ Address: _____ City: _____ Province _____ Postal Code _____ | X | | | | _____ m |
| Emergency responders specifically fire stations, ambulance stations, and police stations. Name: <u>Fire Services Oshawa-Station #2</u> Address: <u>1111 Simcoe Street South</u> City: <u>Oshawa</u> Province <u>Ontario</u> Postal Code <u>L1H 4L7</u> | | X | | | <u>207</u> m |

* For multi-unit buildings, count each unit as "1".

Declaration: I am aware that it is an offence to give false information in this document and I hereby declare that the information I have given here is true and complete.

| | | |
|--|--------------------------------------|---|
| Name of person completing this form (please print) <u>Adam Bholat</u> | Official Title <u>Owner</u> | |
| Signature | Telephone No. <u>905-782-6777</u> | Date (dd-mmm-yyyy) <u>18-09-2017</u> |



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WORKSHEET

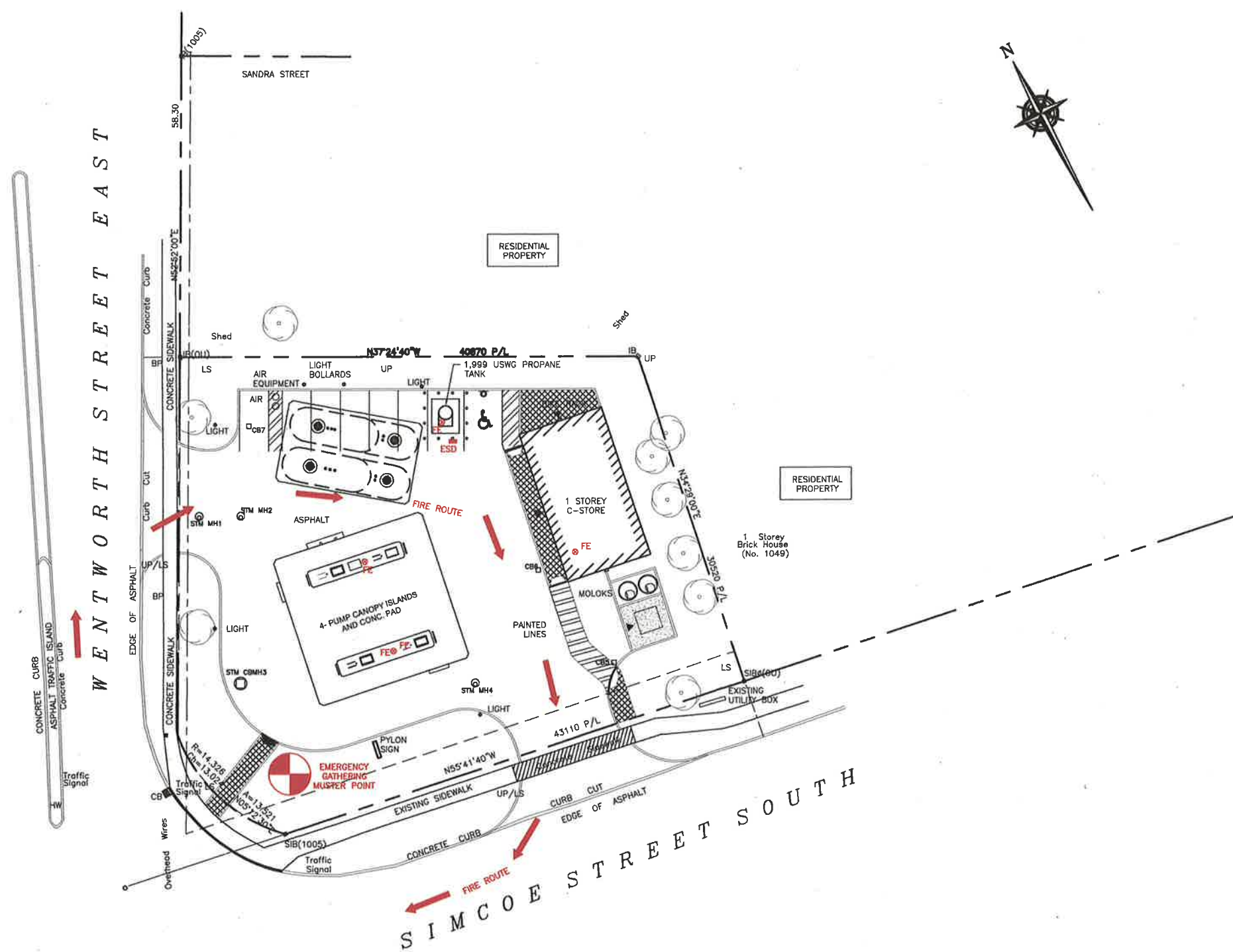
Portable Storage Additional Information Worksheet

| Cylinder Size | Capacity in USWG | Quantity | Total Volume in USWG |
|--------------------------------|------------------|----------|----------------------|
| # 420 | 123.9 | | |
| # 100 | 29.5 | | |
| # 40 | 11.75 | | |
| # 33.3 | 9.62 | | |
| # 30 | 8.8 | | |
| # 20 | 5.8 | 24 | 156.6 USWG |
| # 10 | 2.9 | | |
| # 5 | 1.5 | | |
| Total Cylinder Capacity | | | 139.2 USWG |

Tanks Stored On-site Not Connected for Use

| Tank Size In USWG | Quantity | Total Volume in USWG |
|----------------------------|----------|----------------------|
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| Total Tank Capacity | | |

| | |
|---|------------|
| Total Cylinder Capacity | 139.2 USWG |
| Total Tank Capacity | 0 USWG |
| Total Portable Capacity (Total Cylinder Capacity + Total Tank Capacity) | 139.2 USWG |



SITE DATA:

ZONING INFORMATION: CC-A/ SSC-B

LOT AREA: 1,702.4sq.m.

BUILDING AREA: 107.4sq.m.

LOT COVERAGE OF BUILDING: 6.3%

PROPERTY LINE SETBACKS FOR PROPANE TANK

| | |
|-------|-------|
| NORTH | 4.3m |
| SOUTH | 30.5m |
| EAST | 17.2m |
| WEST | 23.1m |

GPS COORDINATES

| LATITUDE | LONGITUDE |
|---------------|---------------|
| 43°52'27.52"N | 78°50'39.50"W |

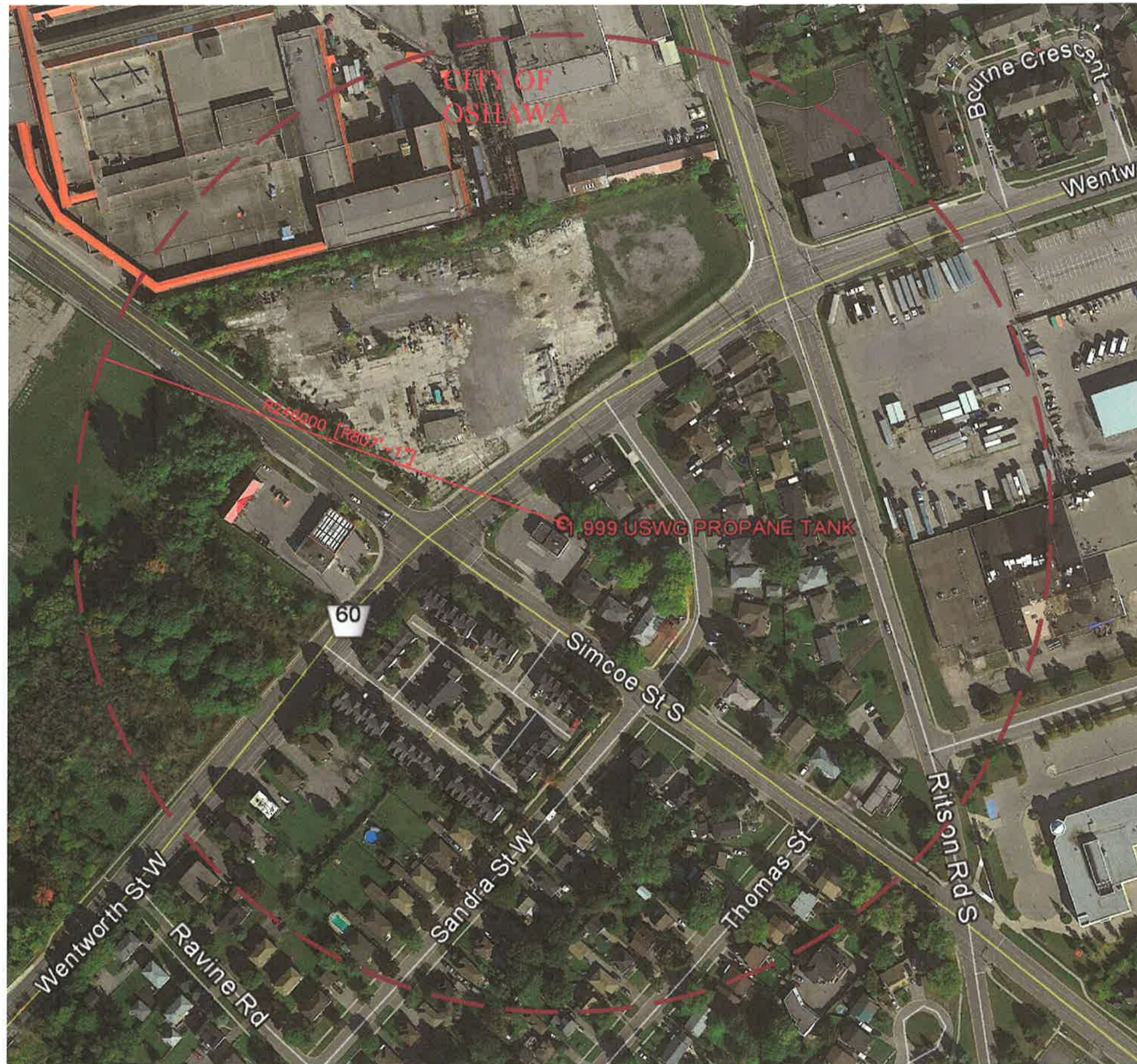
- LEGEND:**
- FE ⊙ FIRE EXTINGUISHER
 - FH ⊕ FIRE HYDRANT
 - ESD ■ EMERGENCY SHUT-DOWN
 - ➔ FIRE ROUTE
 - ⊕ MUSTER POINT (OPTION BASED ON WIND DIRECTION)

| 0 | JUN 04, '17 | ISSUED FOR RSMP APPROVAL | JRK |
|-----|-------------|--------------------------|-----|
| No. | Date | Description | By |



ALTENG Inc.
 Alternative Energy Consulting
 126 Holm Crescent, Thornhill, Ontario L3T 5J3
 Telephone: (905)764-1644 Fax: (905)764-5986

| | |
|---|--|
| Project: 2413788 Ontario Inc (o/s Shell Canada) 1047 Simcoe St South Oakville, ON | Drawn By: D.F. Checked By: J.R.K. Date: JUN 04, '17 |
| Drawing Title: FIRE EMERGENCY PLAN FOR PROPOSED 2,000 USWG VERTICAL PROPANE TANK & RETAIL CYLINDER SCALE | Drawing Scale: 1:200 |
| Drawing Number: P-101 | File Number: 17100D |
| | ACAD INFORMATION Drawing File: 17100D-P-101 Drawing Size: D Plotting Scale: 1=1 |



NOTES:

CONSEQUENCE DISTANCE TO AN OVERPRESSURE LEVEL OF 1 psf BASED ON TNT-EQUIVALENCY METHOD, AS PER T.S.S.A. GUIDELINES FOR THE IMPLEMENTATION OF THE RISK AND SAFETY MANAGEMENT PLAN

$$D = 17 \times \left(0.1 \times \frac{HC_{Cr}}{HC_{CrT}} \right)^{1/3} = 248m$$

| PROPERTY LINE SETBACKS FOR PROPANE TANK | |
|---|-------|
| NORTH | 4.3m |
| SOUTH | 30.3m |
| EAST | 17.2m |
| WEST | 23.1m |

| GPS COORDINATES | |
|-----------------|---------------|
| LATITUDE | LONGITUDE |
| 43°52'27.52"N | 78°50'39.50"W |

AS PER TSSA GUIDELINES FOR THE IMPLEMENTATION OF THE RISK AND SAFETY MANAGEMENT PLAN, THIS FACILITY ONLY REQUIRES A LEVEL 1 RSMF SUBMISSION.

PLANNING ADVISORY INFORMATION:

AS PER TSSA GUIDELINES THE FOLLOWING PLANNING ADVISORY INFORMATION IS PRESENTED BELOW:

CITY OF OSHAWA
 50 CENTRE STREET SOUTH
 OSHAWA, ON.
 L1H 3Z7
 ATTN: MR. ANDREW BROUWER, CITY CLERK
 PH#: 905.436.3311, EXT: 2230
 FAX#: 905.436.5697
 EMAIL: abrouwer@oshawa.ca

| No. | Date | Description | By |
|-----|-------------|--------------------------|-----|
| 0 | JUN 04, '17 | ISSUED FOR RSMF APPROVAL | JRK |



ALTENG Inc.
 Alternative Energy Consulting
 126 Holm Crescent, Thornhill, Ontario L3T 5J3
 Telephone: (905)764-1644 Fax: (905)764-5986

| | |
|---|--|
| Project: 2413788 Ontario Inc. (a/s SHELL CANADA) 1047 Simcoe St South Oshawa, ON | Drawn By: D.F. Checked By: J.R.K. Date: JUN 04, '17 |
| Drawing Title: BLAST RADIUS LAYOUT FOR PROPOSED 1,999 USWG VERTICAL PROPANE TANK & RETAIL CYLINDER SCALE | Drawing Scale: 1:200 ADAD INFORMATION Drawing File: 171000-P-200 Drawing Size: D Plotting Scale: 1=1 |
| Drawing Number: P-200 | File Number: 171000 |