



Technical Standards and Safety Authority
www.tssa.org

14th Floor - Centre Tower
3300 Bloor Street West
Toronto Ontario M8X 2X4
Fax: 416.231.4903
Customer Service: 1.877.682.8772

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.

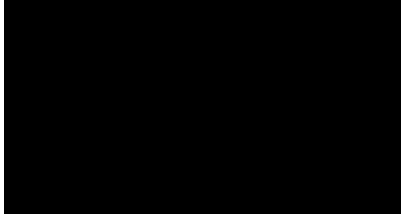
Failure to fully complete this form may result in rejection.
Making a false statement may result in a fine or prosecution under the *Technical Standards and Safety Act*

Licence Number: 0056615001-C

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: Johnny's Gas Bar Ontario Corporation No., if applicable: 1068444 Ontario Limited

Operator Name (if different from above):

Telephone No.: 5193265231 Fax No.: 5193220189 E-mail: inbox@johnnysgasbar.com

B Street No.: 448 Street Name / 911 Number / Address, if applicable: Talbot Street West

Town / City or Township / County: Leamington Province: Ontario Postal Code: N8H4H6

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.: 448 Street Name / 911 Number / Address, if applicable: Talbot Street West Nearest Major Intersection: Talbot Street West and Albana Townline

Town / City or Township / County: Leamington Province: Ontario Postal Code: N8H4H6

Name of Licence Holder: Johnny's Gas Bar

Name of a Senior Management person as defined in the regulation holding the Record of Training (ROT): Saide Eid ROT type: 100-01

Municipality (or municipalities if the facility or its hazard distance touches multiple borders): Leamington

Hours of operation.

This document is valid until the next licence renewal date. You are required by law to notify TSSA of any change of information.

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.

Printname	Signature	Date (dd-mm-yyyy)
Name of Licence Holder: Saide Eid		10-02-2012
Name of Senior Management person as defined in the Regulation holding the Record of Training: Saide Eid		10-02-2012



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SECTION A: GENERAL INFORMATION (cont'd)

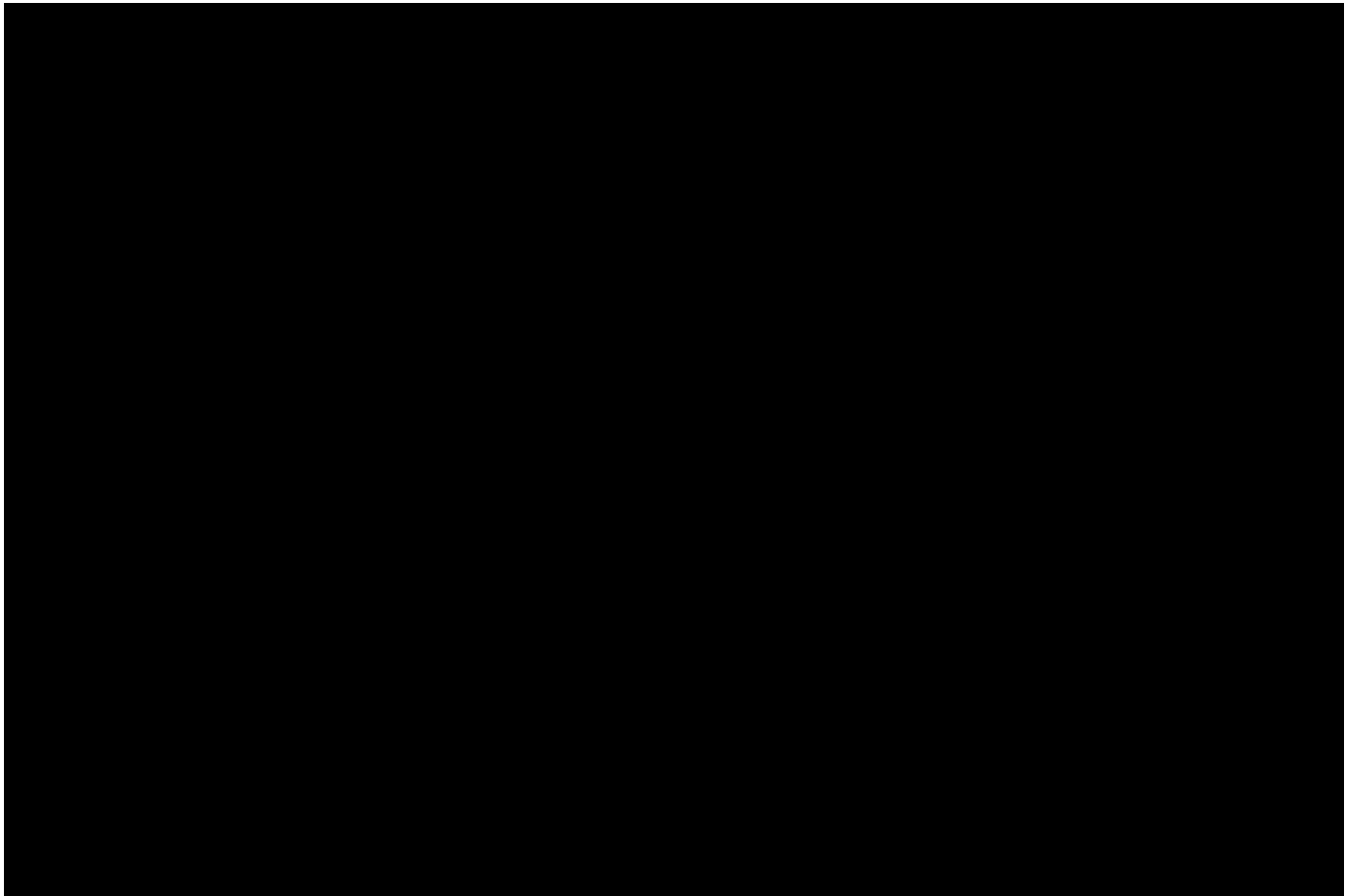
Indicate the year the facility was established. 1981	Indicate the year of any significant modifications, as defined in s.1, O.Reg 211/01, since establishment. 2000
---	---

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

	PSIG	Serial Number
Tank 1:	250	310-96
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: 2000 Portable: 0 Mobile: 0



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Name of person completing this form (please print) Saide Eid	Official Title President
Signature 	Telephone No. 519-326-5231
	Date (dd-mm-yyyy) 10-02-2012



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SECTION A: GENERAL INFORMATION (cont'd)
Activity Information

Name of Propane Supplier(s) Aabco Propane			
Street No. 5475	Street Name / 911 Number / Address, if applicable DiCocco Court		
Town / City or Township / Country Oldcastle		Province Ontario	Postal Code N8H 1L0
Telephone No. 519-737-9635	Fax No. 519-737-9137	Contact Name Andy BURTON	
E-mail info@aabcopropane.com			

Name of Propane Transporter. If same as above, please check box. <input checked="" type="checkbox"/>			
Street No.	Street Name / 911 Number / Address, if applicable		
Town / City or Township / Country		Province	Postal Code
Telephone No.	Fax No.	Contact Name	
E-mail			

Off-site Cylinder and/or Mobile Storage	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		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.

Underground unleaded gas tanks - 35,000L and 25,000L = 60,000 L Maximum

Underground Premium gas tank - 25,000L Maximum

Underground Diesel fuel tank - 90,000 L Maximum

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

Fire extinguishers and emergency shutoff See Attached

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.

Emergency shut-off switch, Propane breaker shutoff, Security system with emergency fire button to dispatch police and fire services,

Monitored surveillance cameras

Maintenance and testing schedule for fire protection controls and devices.

Daily visual inspection

Annual fire extinguisher inspection

Annual Leamington fire department inspection

Annual inspection from Aabco Propane

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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 Joe Eid		Name Joe Eid	
Official Title Manager		Official Title Manager	
Telephone No. 519-326-5231	Fax No. 519-322-0189	Cell No. 519-816-5373	Fax No. 519-322-0189
E-mail joey@johnnysgasbar.com		E-mail joey@johnnysgasbar.com	
Role and responsibilities in emergency Key Holder and main contact.		Role and responsibilities in emergency Key Holder and main contact	
2. Facility Contact Personnel - Alternate Contact		6. Name of Facility Manager	
Name Saide Eid		Name Joe Eid	
Official Title President		Official Title Manager	
Telephone No. 519-326-5231	Fax No. 519-326-5231	Telephone No. 519-326-5231	Fax No. 519-322-0189
E-mail seid@johnnysgasbar.com		E-mail joey@johnnysgasbar.com	
Role and responsibilities in emergency Key Holder		Role and responsibilities in emergency Key Holder and main contact	
3. Local Fire Services - Key Contact		7. Propane Supplier Key Contact Person	
Name Chuck Parsons	For Office Use - Party No.	Name Paul Lauzon	For Office Use - Party No.
Official Title Fire Chief	E-mail cparsons@leamington.ca	Official Title regulatory compliance officer	E-mail p.lauzon@aabcopropane.com
Telephone No. 519-326-6291 ext 245	Fax No. 519-326-0332	Telephone No. 519-737-9635	Fax No. 519-737-9137
Role and responsibilities in emergency Incident Command		Role and responsibilities in emergency Supplier	
Fire Services Address 5 Clark Street West, Leamington, Ontario, N8H 1E5		Propane Supplier Address 5475 D'Cocco Court, Oldcastle, Ontario, N0R 1L0	
4. Local Fire Services - Alternate Contact		8. Municipal Contact	
Name Mike Bradt	For Office Use - Party No.	Name Kim Siddal	
Official Title Deputy Chief	E-mail mbradt@leamington.ca	Official Title Deputy Clerk	
Telephone No. 519-326-6291 ext 239	Fax No. 519-326-0332	Telephone No. 519-326-5761	Fax No. 519-326-2481
Role and responsibilities in emergency Incident command		E-mail ksiddal@leamington.ca	
Fire Services Address 5 Clark Street West, Leamington, Ontario, N8H 1E5		Municipality Name and Address 111 Erie Street North, Leamington, Ontario, N8H 2Z9	

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2. Additional Safety Measures

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

Emergency Shut off Switch

Surveillance Camera system

Motion detectors

Fire button on security panel

Our facility is at minimum standards

MSDS Sheets are located in the office for all materials sold.

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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-mm-yyyy) 10-02-2012	Print Name of Training Provider: Johnny's Gas Bar
	Print Name of Instructor: Joe Eid
Training Date (dd-mm-yyyy)	Print Name of Training Provider:
	Print Name of Instructor:
Training Date (dd-mm-yyyy)	Print Name of Training Provider:
	Print Name of Instructor:

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

Training Date (dd-mm-yyyy) 10-02-2012	Print Name of Training Provider: Johnny's Gas Bar
	Print Name of Instructor: Joe Eid
Training Date (dd-mm-yyyy)	Print Name of Training Provider:
	Print Name of Instructor:
Training Date (dd-mm-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-mm-yyyy) 25-04-2011	Print Name of Training Provider: Aabco Propane
	Print Name of Instructor: Andy Burton
Training Date (dd-mm-yyyy) 11-09-2010	Print Name of Training Provider: Aabco Propane
	Print Name of Instructor: Andy Burton
Training Date (dd-mm-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-mm-yyyy) 17-02-2012	Print Name of Training Provider: Johnny's Gas Bar
	Print Name of Instructor: Joe Eid
Target Date (dd-mm-yyyy)	Print Name of Training Provider:
	Print Name of Instructor:
Target Date (dd-mm-yyyy)	Print Name of Training Provider:
	Print Name of Instructor:

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

Target Date (dd-mm-yyyy) 17-02-2012	Print Name of Training Provider: Johnny's Gas Bar
	Print Name of Instructor: Joe Eid
Target Date (dd-mm-yyyy)	Print Name of Training Provider:
	Print Name of Instructor:
Target Date (dd-mm-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-mm-yyyy) 01-03-2012	Print Name of Training Provider: Aabco Propane
	Print Name of Instructor: Andy Burton
Target Date (dd-mm-yyyy)	Print Name of Training Provider:
	Print Name of Instructor:
Target Date (dd-mm-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).

An emergency response communication plan has been implemented by Johnny's Gas Bar with the help of the Leamington Fire Department and Aabco propane to notify the public of any emergency.

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).

An ERCP has been implemented that describes the action taken in case of emergency. It details who will issue the warnings and where to meet after an emergency evacuation. Senior staff member on duty is responsible to account for any employees or customers at the location and will meet in front of Miller's Shell on 407 Talbot Street West Leamington, which is located out of the blast zone.

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).

An ERCP has been implemented by the licence holder that outlines who, when and how the emergency response authorities will be contacted.

Describe provisions for fire department entry when there are no operations or staffing at the propane site.

There are three entrances on Talbot Street. these entrances are always open and clear of any vehicles and any other objects. The business can be closed and access is still available from all three entrances.

Describe how the licence holder will ensure continual flow of updated information to authorities.

Johnny's Gas Bar will have copies of the finalized report and will update any changes made to the records. Once any changes are made, a new copy will be forwarded to the Leamington Fire Department. The manager or senior staff member will liaise with the fire chief.

How long will it take the facility liaison person to respond to the site.

It will take up to five minutes for emergency response units to reach the 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 checked="" type="checkbox"/>	<input 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 type="checkbox"/>	<input checked="" 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)	30	
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
<input checked="" type="checkbox"/>	<input type="checkbox"/>

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

Fire services comments, if any:

see attached

To be completed by the Licence Holder

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

Discussed changes required by phone and have updated my RSMP to include those changes.

The licence holder will respond to the Local Fire Services comments by: 09-03-2012

(dd-mm-yyyy)

LOCAL FIRE SERVICES

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

Print name Chuck Parsons Local Fire Services Name	Signature 	Date (dd-mm-yyyy) 06/03/2012
---	---------------	---------------------------------

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Name of person completing this form (please print) S. Wick	Official Title President
Signature 	Telephone No. 519-326-5231
	Date (dd-mm-yyyy) 12-2-13



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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-mm-yyyy) 10-02-2012	Capacity of single largest propane storage vessel (USWG) 2000
Tank setback coordinates. Indicate placement on the map.	
Front: 25.7 Metres	Right side property line: 27.9 Metres
Rear: 78.1 Metres	Left side property line: 31.7 Metres
GPS coordinates of single largest vessel:	+42 2' 51.65", -82 38' 17.29"

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SECTION C: SUBMISSIONS (cont'd)

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

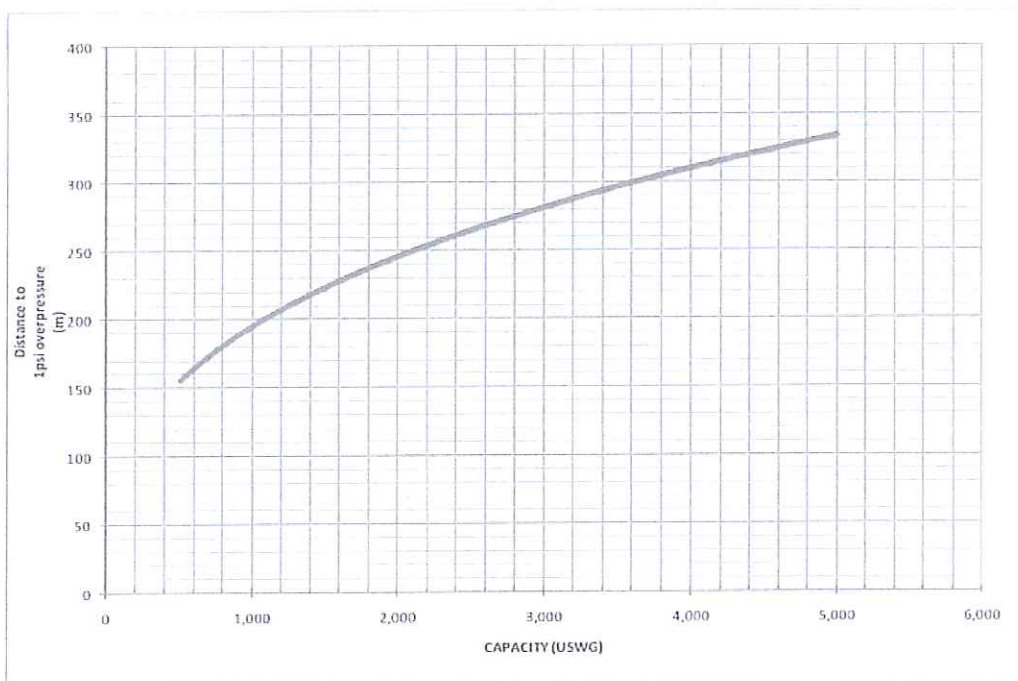
Table 1: Distance Table

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: _____ Address: _____ City: _____ Province _____ Postal Code _____	X				_____ m
Residential building units specifically permanent single family dwellings, condominiums, and apartments [Redacted]			X		39 m
Commercial building units specifically retail, restaurants, entertainment, theatres, and sporting complexes. Name: <u>1 Gas Station/ Convenience store, 1 empty office building, 1 occupied office space.</u> Address: <u>Talbot Street West</u> City: <u>Leamington</u> Province <u>Ontario</u> Postal Code <u>N8H</u>			X		23 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: <u>Leamington Water Tower</u> Address: <u>446 Talbot Street West</u> City: <u>Leamington</u> Province <u>Ontario</u> Postal Code <u>N8H</u>		X			56 m
Emergency responders specifically fire stations, ambulance stations, and police stations. Name: _____ Address: _____ City: _____ Province _____ Postal Code _____	X				_____ 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>Saïde Eid</u>	Official Title <u>President</u>
Signature 	Telephone No. <u>519-326-5231</u>
	Date (dd-mm-yyyy) <u>10-02-2012</u>



Technical Standards and Safety Authority
www.tssa.org

14th Floor - Centre Tower
3300 Bloor Street West
Toronto Ontario MBX 2X4
Fax: 416.231.4903
Customer Service: 1.877.682.8772

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

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		
# 10	2.9		
# 5	1.5		
Total Cylinder Capacity			

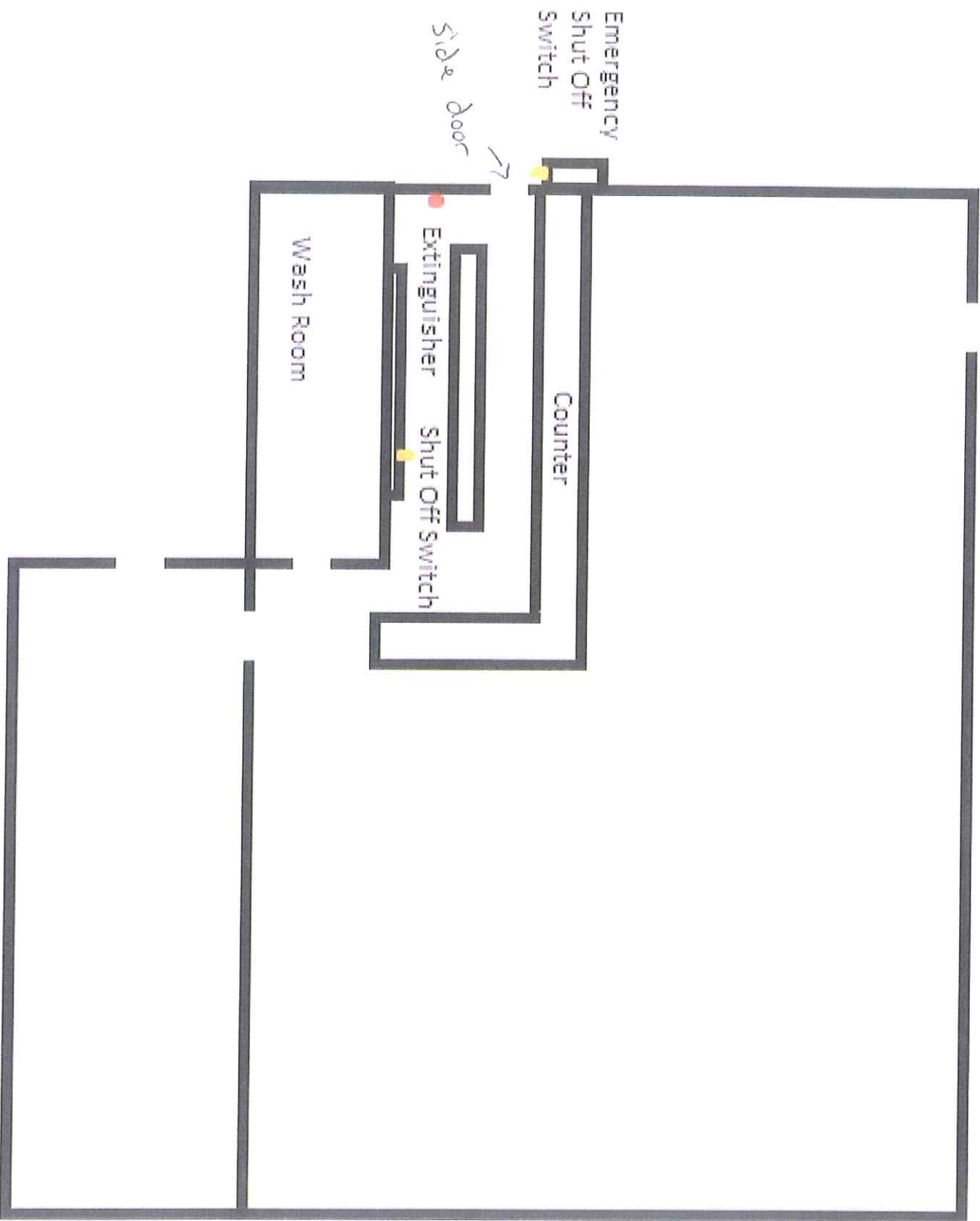
Tanks Stored On-site Not Connected for Use

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

Total Cylinder Capacity	0
Total Tank Capacity	0
Total Portable Capacity (Total Cylinder Capacity + Total Tank Capacity)	0



Front Door



Emergency Shut Off Switch

Emergency Shut Off Switch

Side door

Counter

Extinguisher

Shut Off Switch

Wash Room

JOHNNY'S GAS BAR

448 Talbot St. W., Leamington, Ontario
Municipal Contract: Kim Siddal 519-326-5761

Talbot Street West

COUNTY RD 34

CRESTVIEW DR

25.7 Metres Front

27.9 Metres Right

31.7 Metres Left

2000 USWG Fixed Propane Tank
GPS Co-ordinates: 42.2°51.65'N, -82.38°17.29'W

78.1 Metres Rear

Blast Radius 246 Meters







78.1M

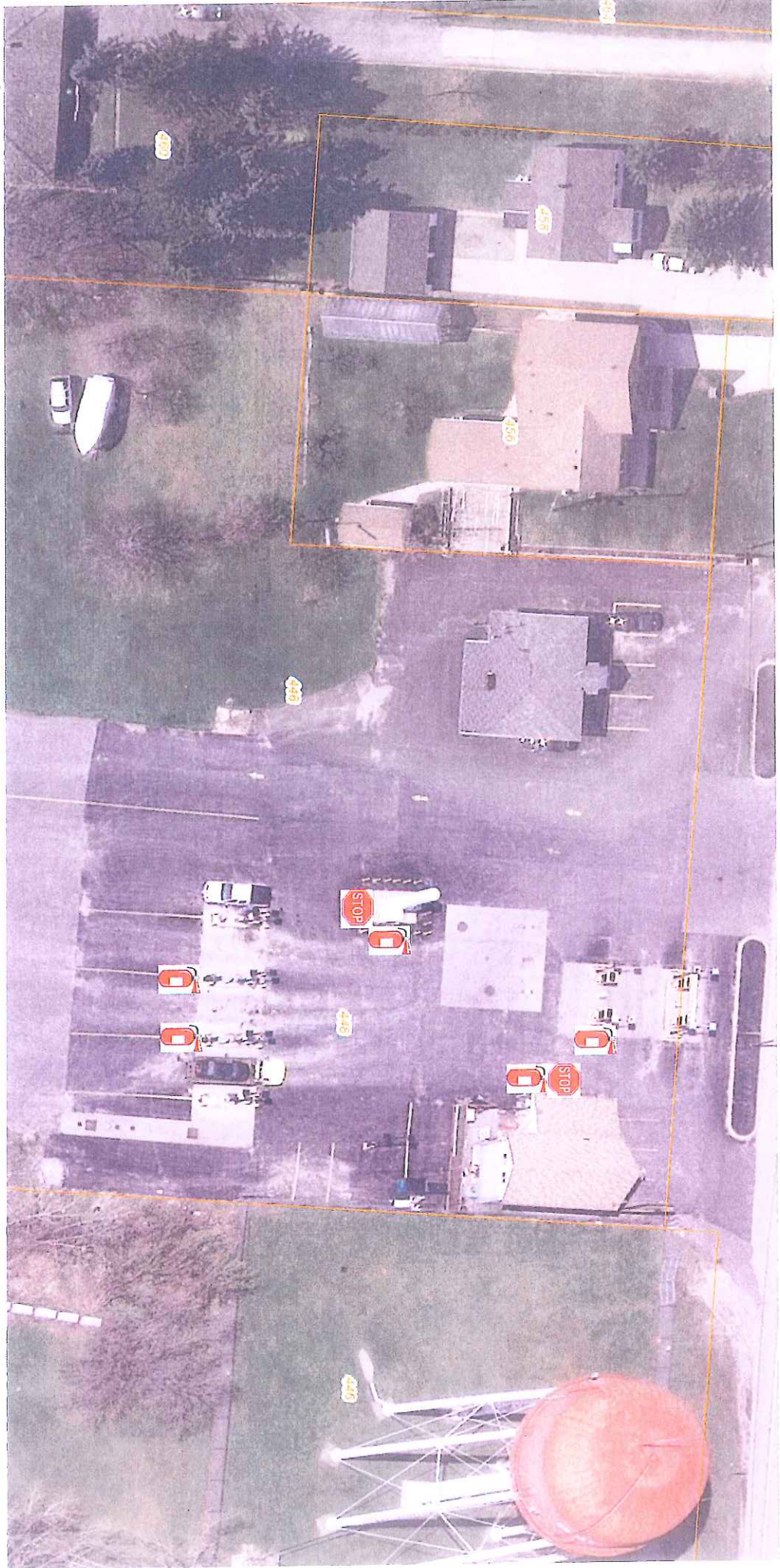
31.7M

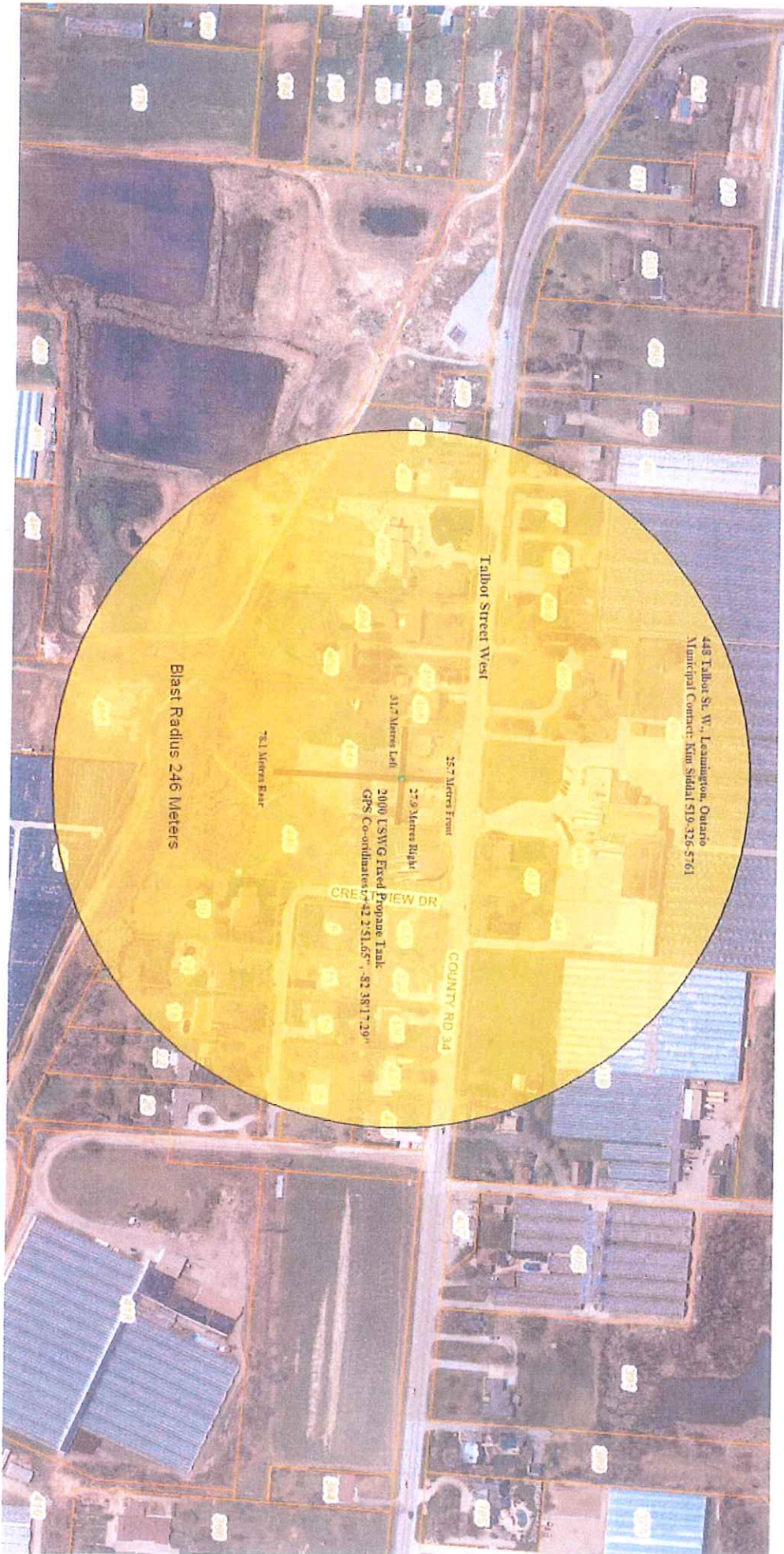
27.9M

25.7M

CREST VIEW DR

COUNTY RD 34





448 Talbot St. W., Leamington, Ontario
Municipal Contact: Kim Siddall 519-326-5761

Talbot Street West

Blast Radius 246 Meters

31.7 Meters Left
35.7 Meters Front
27.9 Meters Right
78.1 Meters Rear

2000 LSWG Fixed Propane Tank
GPS Co-ordinates: 42.25165°, -82.3811729°

CREW DR
COUNTY RD 34