



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.

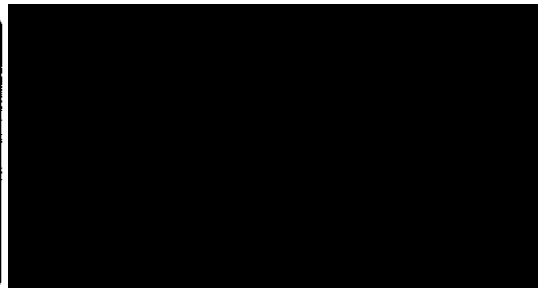
Failure to fully complete this form may result in rejection. Making a false statement in a fine or prosecution under the *Technical Standards and Safety Act*

Licence Number

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: Barry's Bay Shell Ontario Corporation No., if applicable: 2361125 Ontario Inc

Operator Name (if different from above): o/a Barry's Bay Shell

Telephone No.: 613-633-7750 Fax No.: N/A E-mail: mark9317@hotmail.com

B Street No.: 358 Street Name / 911 Number / Address, if applicable: John Street

Town / City or Township / County: Barry's Bay Province: Ontario Postal Code: K0J 1B0

C Mailing address if different from above.

Street No.: 358 Street Name / 911 Number / Address, if applicable: John Street

Town / City or Township / County: Barry's Bay Province: Ontario Postal Code: K0J 1B0

D Information on Container Refill Centre or Filling Plant

Location of facility.

Street No.: 358 Street Name / 911 Number / Address, if applicable: John Street Nearest Major Intersection: Highway 62 & Highway 60

Town / City or Township / County: Barry's Bay Province: Ontario Postal Code: K0J 1B0

Name of Licence Holder: Mark Stamplecoski

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

Municipality (or municipalities if the facility or its hazard distance touches multiple borders): Township of Madawaska Valley

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.

Print name	Signature	Date (dd-mm-yyyy)
Name of Licence Holder: Mark Stamplecoski		15-08-2014
Name of Senior Management person as defined in the Regulation holding the Record of Training: Mark Stamplecoski		15-08-2014



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

SECTION A: GENERAL INFORMATION (cont'd)

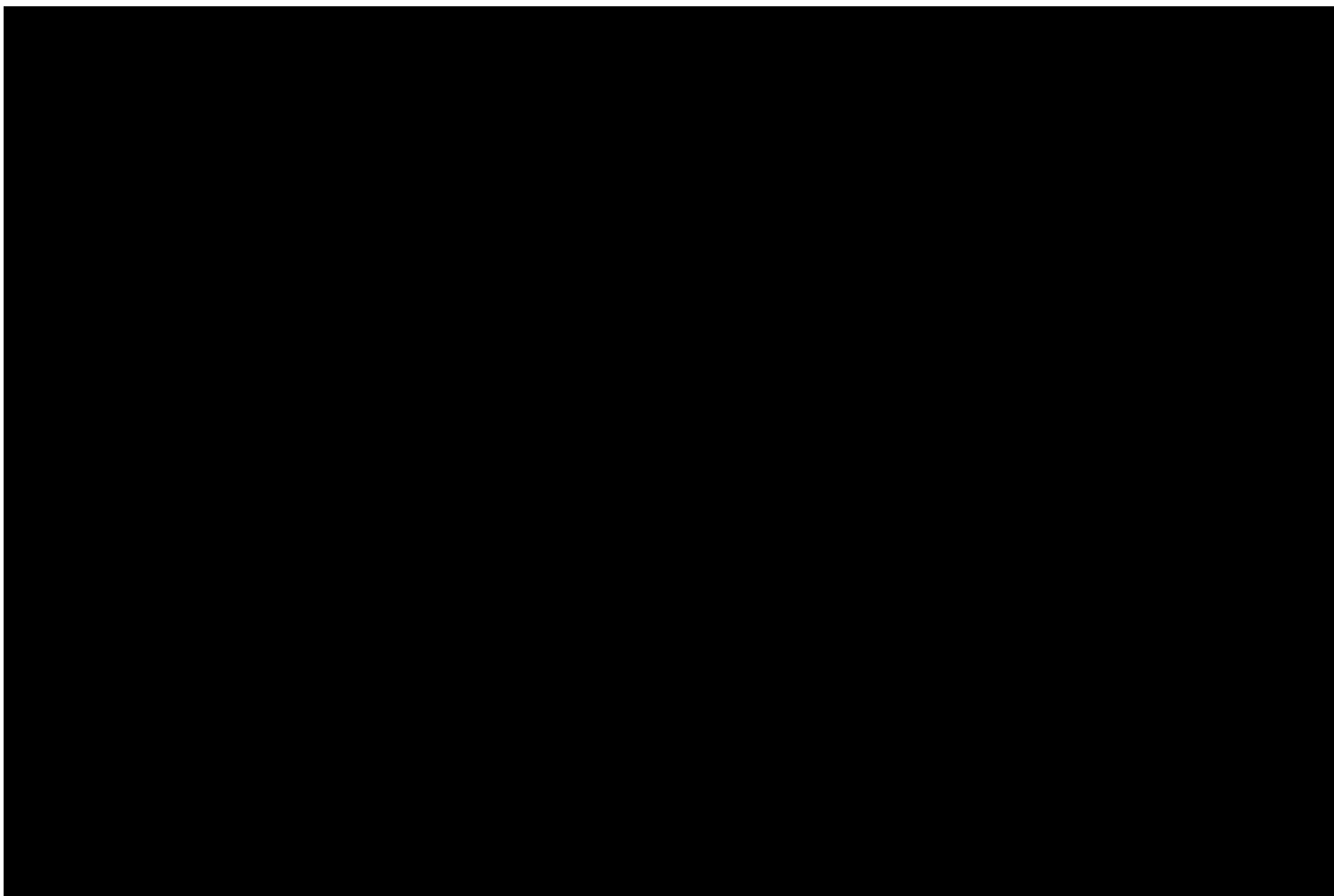
Indicate the year the facility was established. 2014 Indicate the year of any significant modifications, as defined in s.1, O.Reg 211/01, since establishment.
New Site so no modifications yet

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>170-6</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: 2000 USWG Portable: 254 USWG Mobile: N/A



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) Mark Stamplecoski	Official Title Owner
Signature 	Telephone No. 613-633-7750
	Date (dd-mm-yyyy) 15-08-2014



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

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

Name of Propane Supplier(s) Primemax Energy Inc.			
Street No. 2558	Street Name / 911 Number / Address, if applicable Cedar Creek Road R.R.#1		
Town / City or Township / Country Ayr		Province Ontario	Postal Code N0B 1E0
Telephone No. 1-519-740-8209	Fax No. 1-519-740-1015	Contact Name Mike Taylor	
E-mail miketaylor@primemaxenergy.com			

Name of Propane Transporter. If same as above, please check box. <input checked="" type="checkbox"/>		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	
E-mail			

Off-site Cylinder and/or Mobile Storage		Capacity stored off-site, in USWG	For Office Use - Party No.
N/A			
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.

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) Azeem Khan		Official Title Manager	
Signature 	Telephone No. 905-648-7074	Date (dd-mm-yyyy) 07-08-2014	



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

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 u/g gasoline & diesel tanks, double walled on site. The volumes are 45,600 l regular, 22,700 l tank supreme and 22,700 l tank with diesel

There are small amounts of lubricants and cleaning products sold inside the Convenience Store. Amounts are minimal.

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

The facility is equipped with portable fire extinguishers. There is one extinguishers at at the propane refill centre in the cabinet and 2 at the gas pumps and one at the diesel pump island and two in the Convenience Store

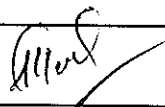
List of fire protection controls (e.g., fire detection systems, fire notification systems, alarm systems, automatic shut off devices, fusible links, etc.) and describe their function, use and operation.

There is an Emergency shut-down (ESD), device for the propane system inside the C-Store building and the ISC valve on the tank has a fusible link that will melt at 212 F. If a fire occurs under the tank the fusible link will melt and the spring loaded ISC will slam closed thus cutting of propane to the suction side of the pump and therefore the scale and auto dispenser will not get product. The ESD kills the power to the propane and stops the motor and closes the fuel supply solenoid valve to prevent product flow.

Maintenance and testing schedule for fire protection controls and devices.

The propane system is visually checked daily for any sign of leak or frayed hoses. A qualified TSSA installer checks the entire system annually on the scheduled routine inspections. The fire extinguishers are checked annually by an outside firm for proper charging and condition.

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) Azeem Khan		Official Title Manager	
Signature 		Telephone No. 905-648-7074	Date (dd-mm-yyyy) 08-07-2014



Technical Standards and Safety Authority
www.tssa.org

14th Floor - Centre Tower
3300 Bloor Street West
Toronto Ontario M8X2X4
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

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

1. Contacts for Emergency Response

1. Facility Contact Personnel - Key Contact

Name Mark Stamplecoski	For Office Use - Party No.
Official Title Owner	
Telephone No. 613-633-7750	Fax No. N/A
E-mail mark9317@hotmail.com	
Role and responsibilities in emergency To insure all employees are trained in the Emergency Plan annually and to make sure all equipment is maintained and operational	

5. Facility 24-Hour Contact Person

Name Mark Stamplecoski	For Office Use - Party No.
Official Title Owner	
Cell No. 613-633-7750	Fax No. N/A
E-mail mark9317@hotmail.com	
Role and responsibilities in emergency Operates the site and makes sure equipment is in place for Emergency Procedures and also calls 9-1-1 in emergencies.	

2. Facility Contact Personnel - Alternate Contact

Name Larry Stamplecoski	For Office Use - Party No.
Official Title Owner	
Telephone No. 613-633-7750	Fax No. N/A
E-mail mark9317@hotmail.com	
Role and responsibilities in emergency To insure people leave the premises and customers leave the site. Shuts down the propane system if other Owner is not present	

6. Name of Facility Manager

Name Mark Stamplecoski	For Office Use - Party No.
Official Title Manager	
Telephone No. 613-633-7750	Fax No. N/A
E-mail mark9317@hotmail.com	
Role and responsibilities in emergency Same as Item 2	

3. Local Fire Services - Key Contact

Name Andrew Peplinski	For Office Use - Party No.
Official Title Chief Fire Official	E-mail apeplinski@madawaskavalley.ca
Telephone No. 1-613 756.2747 Ext: 216	Fax No. 1-613-756-0553
Role and responsibilities in emergency Co-ordinate municipal fire services and its resources during an emergency. Liaise with police and with property owner/key contact.	
Fire Services Address P.O. Box 1000 85 Bay Street, Barry's Bay, ON. K0J 1B0	

7. Propane Supplier Key Contact Person

Name Jeff Friend	For Office Use - Party No.
Official Title Sales Manager	E-mail Jeff_Friend@SuperiorPropane.com
Telephone No. 1-613-223-8493	Fax No. 1-613-727-1316
Role and responsibilities in emergency Co-ordinates the deliveries to the site and also can arrange for equipment such as trucks to go to site and initiates the Emergency Plan for the CPA	
Propane Supplier Address Superior Propane, 63 Roydon Place, Nepean, ON. K2E 1A3	

4. Local Fire Services - Alternate Contact

Name Tom Toole	For Office Use - Party No.
Official Title Deputy Fire Chief	E-mail tcoole@midland.ca
Telephone No. 1-705-526-4279 Ext: 2235	Fax No. 1-705-527-4543
Role and responsibilities in emergency Alternate - Co-ordinate municipal fire services and its resources during an emergency. First Responding personnel	
Fire Services Address P.O. Box 1000 85 Bay Street, Barry's Bay, ON. K0J 1B0	

8. Municipal Contact

Name Brenda Sabatine	
Official Title Treasurer-Deputy Clerk	
Telephone No. 1-613-756-2747	Fax No. 1-613-756-0553
E-mail bsabatine@madawaskavalley.ca	
Municipality Name and Address Madawaska Valley Twsp. 85 Bay Street, Box 1000, Barry's Bay, ON. K0J 1B0	

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) Mark Stamplecoski	Official Title Owner
Signature 	Telephone No. 613-633-7750
	Date (dd-mm-yyyy) 15-08-2014



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

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.

The facility is built to the Propane Code requirements and does not have any extra features that are over and above the Code. Tank is protected with vehicle protection on all sides and has a lockable equipment and valve cabinet that is locked and secured after closing. Solenoid valve on piping from the pump will shut-off the flow of propane to the Auto Dispenser and Cylinder Scale as well as interrupting power.

Smoke detectors are tied to the Security System that is monitored 24 hours a day 7 days a week.

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) Mark Stamplecoski		Official Title Owner	
Signature 		Telephone No. 613-633-7750	Date (dd-mm-yyyy) 15-08-2014



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

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) 27-07-2014	Print Name of Training Provider: Superior Propane
	Print Name of Instructor: Jeff Friend
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) 27-07-2014	Print Name of Training Provider: Superior Propane
	Print Name of Instructor: Jeff Friend
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) 07-07-2014	Print Name of Training Provider: Fuel Safety Network (FSN).
	Print Name of Instructor: Leo Alkenbrack
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:

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) Mark Stamplecoski	Official Title Owner
Signature 	Telephone No. 613-633-7750
	Date (dd-mm-yyyy) 15-08-2014



Technical Standards and Safety Authority
www.tssa.org

14th Floor - Centre Tower
3300 Bloor Street West
Toronto Ontario M8X2X4
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

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) TBD	Print Name of Training Provider: TBD
	Print Name of Instructor: Mark Stamplecoski
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) TBD	Print Name of Training Provider: TBD
	Print Name of Instructor: Mark Stamplecoski
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) 05-07-2017	Print Name of Training Provider: Fuel Safety Network (FSN)
	Print Name of Instructor: Leo Alkenbrack
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:

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) Mark Stamplecoski	Official Title Owner
Signature 	Telephone No. 613-633-7750
	Date (dd-mm-yyyy) 15-08-2014



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

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 will give a verbal warning to the customers outside and instruct them to leave the premises. The Attendant will also call

9-1-1 to ask for help and explain the nature of the problem. This call will be made once the nature of the emergency is determined. Only a person with fire extinguisher training is permitted to attempt to put the fire out but a call to 9-1-1 must be made in any event.

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).

Once the warning is given the Attendant will ask the customers to leave and then contact the Manager about the problem situation.

Attendant will place cones across the entrance/exits to stop vehicles from entering the site and then will go to the Emergency Meeting Place (See Drawing P-101). A call will also be made to the Owner after the 9-1-1 call has been made if the Owner is not on site.

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).

The Attendant will determine what the emergency is and if a call to 9-1-1 is required. Each Owner has a cell phone that can be used to

make the call. The Attendant will call or the Owner will call to explain the nature of the problem. If Owners are not on site call will be made to them to come to the site.

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

The tank is located at the front of the property and access is not restricted. The facility is not fenced so there is no problem for the Fire Department

to gain access to the site at all times. If the Fire Department requires access to the site, it is always open since it is right off of Whitfield Cres. and close to the street so there are no restrictions to Emergency Vehicles entering the site. Bolt cutters can be used to open the cabinet if required.

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

The Attendant or Manager will always be on site during working hours and can provide information about the tank contents and cylinder

contents to the Emergency Responders when asked. After hours the Owner can get to the site and engage with the Emergency Responders

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

3 to 4 minutes

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) Mark Stamplecoski	Official Title Owner	
Signature 	Telephone No. 613-633-7750	Date (dd-mm-yyyy) 15-08-2014



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

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 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) | | 150 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) | | 400 m |

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) Mark Stampelcoski	Official Title Owner	
Signature 	Telephone No. 613-633-7750	Date (dd-mm-yyyy) 15-08-2014



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

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:

WORKING WITH OWNER TO CREATE EVACUATION PLAN + CONDUCT TRAINING (FIRE SAFETY)

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-mm-yyyy)

LOCAL FIRE SERVICES

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

Local Fire Services Name	Print name ANDREW A. POPLINSKI	Signature 	Date (dd-mm-yyyy) 08/04/14
--------------------------	-----------------------------------	---------------	-------------------------------

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) ANDREW POPLINSKI	Official Title CHIEF FIRE OFFICER
Signature 	Telephone No. 613-635-1311
	Date (dd-mm-yyyy) 08/04/14



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

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:

Working with Owner to create Fire Plan and conduct Training (Fire Safety)

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-mm-yyyy)

LOCAL FIRE SERVICES

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

Print name	Signature	Date (dd-mm-yyyy)
Local Fire Services Name Andrew Peplinski - Chief Fire Official		08-04-2014

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) Mark Stamplecoski	Official Title Owner	
Signature 	Telephone No. 613-633-7750	Date (dd-mm-yyyy) 15-08-2014



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

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) 25-08-2014	Capacity of single largest propane storage vessel (USWG) 2000 USWG
Tank setback coordinates. Indicate placement on the map.	
Front: <u>39.2</u>	Right side property line: <u>101.8 m</u>
Rear: <u>27.8 m</u>	Left side property line: <u>16.4 m</u>
GPS coordinates of single largest vessel: <u>Lat45°28'48.30"N Long77°40'24.49"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) J. Ross Keys	Official Title Consultant
Signature 	Telephone No. 416-526-1405
	Date (dd-mm-yyyy) 26-08-2014



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

SECTION C: SUBMISSIONS (cont'd)

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

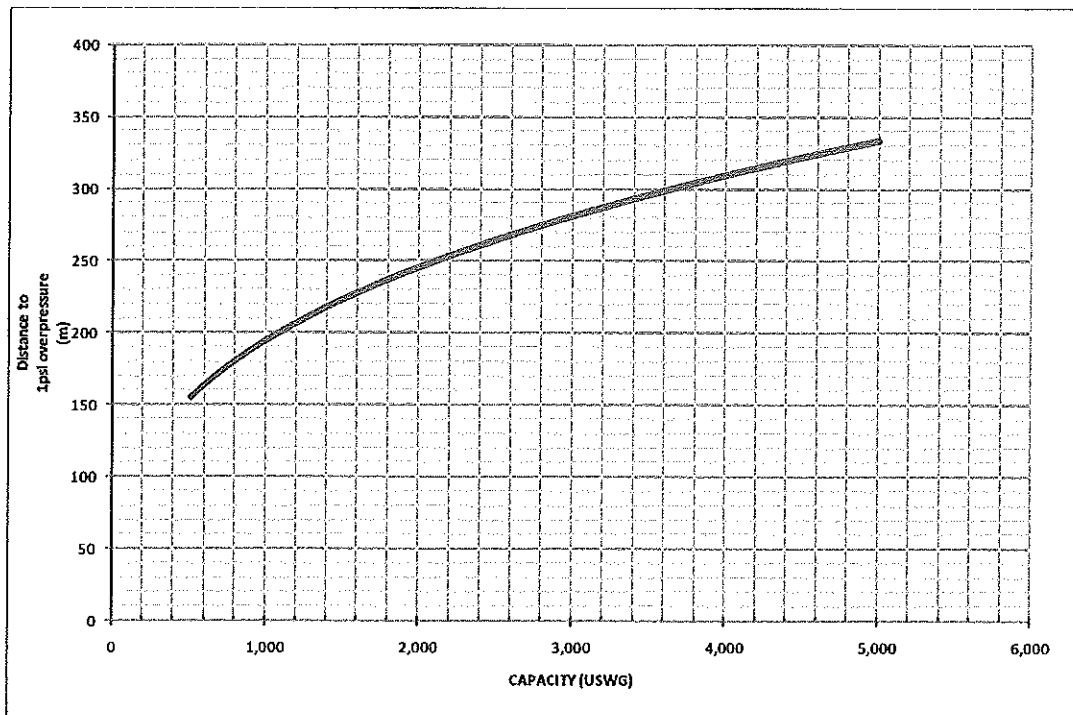
Table 1: Distance Table

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] = 0.00378541 1784 cubic meter
 1 cubic metre = 264.17 USWG

Hazard Distance Chart (EPA-TNT model)





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

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 Name: _____ Address: _____ City: _____			X		102.5 m
Commercial building units specifically retail, restaurants, entertainment, theatres, and sporting complexes. Name: _____ Address: _____ City: _____ Province _____ Postal Code _____	X				_____ m
Commercial building units – continuous occupancy specifically hotels, campgrounds, and resorts. Name: Pinewood Inn Address: 378 John Street City: Barry's Bay Province Ontario Postal Code K0J 1B0		X			43 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: _____ 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) J. Ross Keys	Official Title Consultant
Signature 	Telephone No. 416-526-1405 Date (dd-mm-yyyy) 26-08-2014



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

WORKSHEET

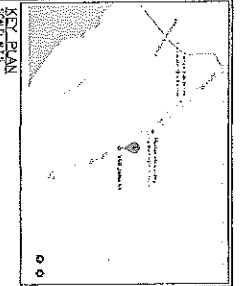
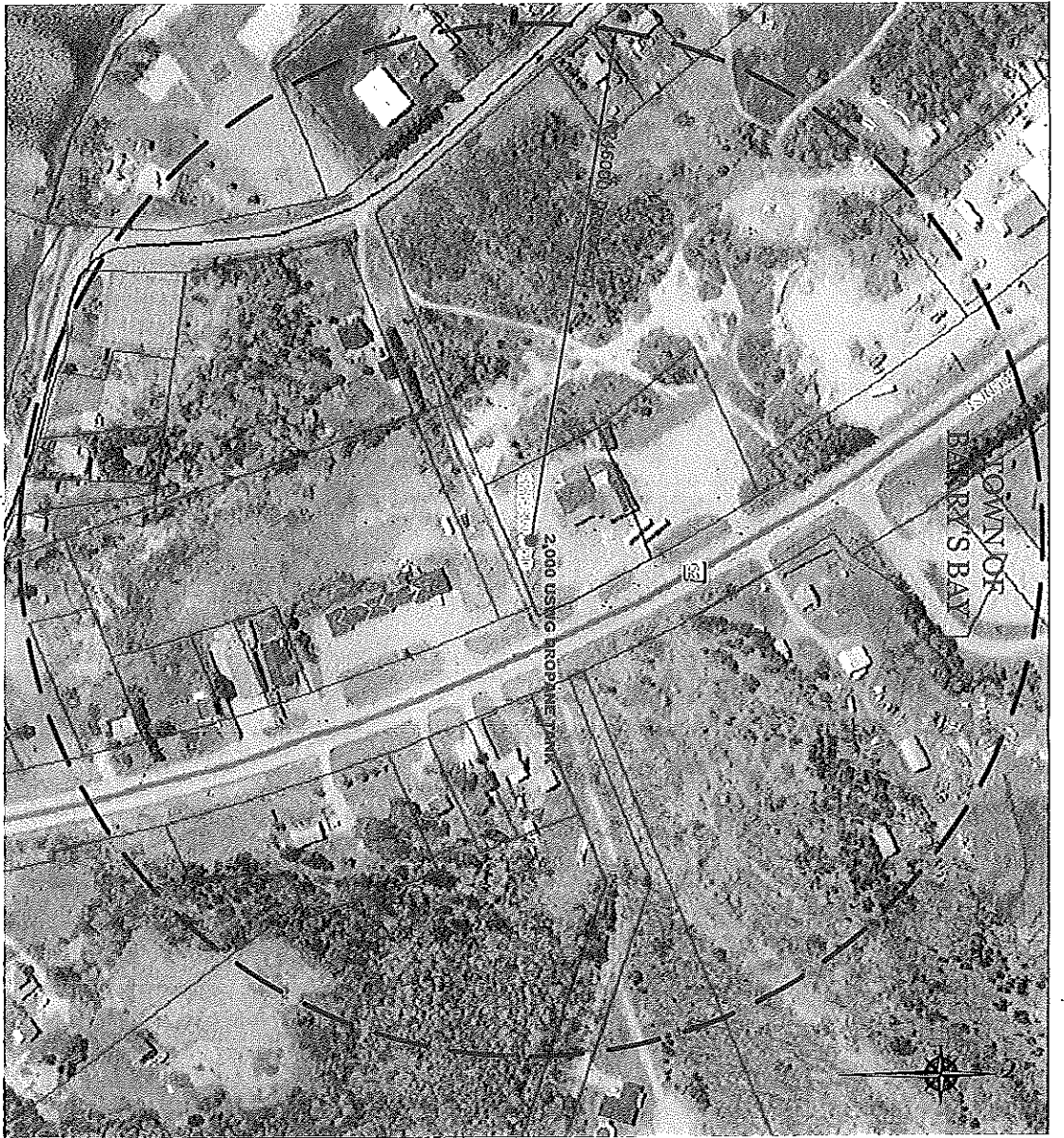
Portable Storage Additional Information Worksheet

Cylinder Size	Capacity In USWG	Quantity	Total Volume In USWG
# 420	123.9	2	248 USWG
# 100	29.5		
# 40	11.75		
# 33.3	9.62		
# 30	8.8		
# 20	5.8	1	5.8 USWG
# 10	2.9		
# 5	1.5		
Total Cylinder Capacity			253.8 USWG

Tanks Stored On-site Not Connected for Use

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

Total Cylinder Capacity	253.8 USWG
Total Tank Capacity	2000 USWG
Total Portable Capacity (Total Cylinder Capacity + Total Tank Capacity)	2254 USWG



KEY PLAN
 CONTOUR INTERVAL: 10' (3.05m)
 PROPOSED BIOPROCESS PLANT
 TOWN OF BARRY'S BAY

NOTES:
 1. CONTOUR INTERVAL IS 10' (3.05m).
 2. ALL ELEVATIONS ARE IN FEET UNLESS OTHERWISE NOTED.
 3. ALL DIMENSIONS ARE IN FEET UNLESS OTHERWISE NOTED.
 4. ALL DIMENSIONS ARE TO CENTERLINE UNLESS OTHERWISE NOTED.
 5. ALL DIMENSIONS ARE TO FACE UNLESS OTHERWISE NOTED.
 6. ALL DIMENSIONS ARE TO CENTERLINE UNLESS OTHERWISE NOTED.
 7. ALL DIMENSIONS ARE TO FACE UNLESS OTHERWISE NOTED.

PROPOSED LINE ELEVATION	EXISTING LINE ELEVATION	DIFFERENCE
101.00	101.00	0.00
100.00	100.00	0.00
99.00	99.00	0.00
98.00	98.00	0.00
97.00	97.00	0.00
96.00	96.00	0.00
95.00	95.00	0.00
94.00	94.00	0.00
93.00	93.00	0.00
92.00	92.00	0.00
91.00	91.00	0.00
90.00	90.00	0.00
89.00	89.00	0.00
88.00	88.00	0.00
87.00	87.00	0.00
86.00	86.00	0.00
85.00	85.00	0.00
84.00	84.00	0.00
83.00	83.00	0.00
82.00	82.00	0.00
81.00	81.00	0.00
80.00	80.00	0.00
79.00	79.00	0.00
78.00	78.00	0.00
77.00	77.00	0.00
76.00	76.00	0.00
75.00	75.00	0.00
74.00	74.00	0.00
73.00	73.00	0.00
72.00	72.00	0.00
71.00	71.00	0.00
70.00	70.00	0.00
69.00	69.00	0.00
68.00	68.00	0.00
67.00	67.00	0.00
66.00	66.00	0.00
65.00	65.00	0.00
64.00	64.00	0.00
63.00	63.00	0.00
62.00	62.00	0.00
61.00	61.00	0.00
60.00	60.00	0.00
59.00	59.00	0.00
58.00	58.00	0.00
57.00	57.00	0.00
56.00	56.00	0.00
55.00	55.00	0.00
54.00	54.00	0.00
53.00	53.00	0.00
52.00	52.00	0.00
51.00	51.00	0.00
50.00	50.00	0.00
49.00	49.00	0.00
48.00	48.00	0.00
47.00	47.00	0.00
46.00	46.00	0.00
45.00	45.00	0.00
44.00	44.00	0.00
43.00	43.00	0.00
42.00	42.00	0.00
41.00	41.00	0.00
40.00	40.00	0.00
39.00	39.00	0.00
38.00	38.00	0.00
37.00	37.00	0.00
36.00	36.00	0.00
35.00	35.00	0.00
34.00	34.00	0.00
33.00	33.00	0.00
32.00	32.00	0.00
31.00	31.00	0.00
30.00	30.00	0.00
29.00	29.00	0.00
28.00	28.00	0.00
27.00	27.00	0.00
26.00	26.00	0.00
25.00	25.00	0.00
24.00	24.00	0.00
23.00	23.00	0.00
22.00	22.00	0.00
21.00	21.00	0.00
20.00	20.00	0.00
19.00	19.00	0.00
18.00	18.00	0.00
17.00	17.00	0.00
16.00	16.00	0.00
15.00	15.00	0.00
14.00	14.00	0.00
13.00	13.00	0.00
12.00	12.00	0.00
11.00	11.00	0.00
10.00	10.00	0.00
9.00	9.00	0.00
8.00	8.00	0.00
7.00	7.00	0.00
6.00	6.00	0.00
5.00	5.00	0.00
4.00	4.00	0.00
3.00	3.00	0.00
2.00	2.00	0.00
1.00	1.00	0.00
0.00	0.00	0.00

PROPOSED BIOPROCESS PLANT
 2,000 USWG BIOPROCESS PLANT
 2,000 USWG BIOPROCESS PLANT
 2,000 USWG BIOPROCESS PLANT

AS PER THE CONDITIONS FOR THE IMPLEMENTATION OF THE
 PROPOSED BIOPROCESS PLANT, THE FOLLOWING INFORMATION IS
 PROVIDED FOR YOUR INFORMATION:

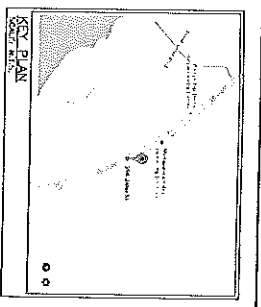
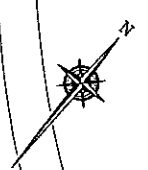
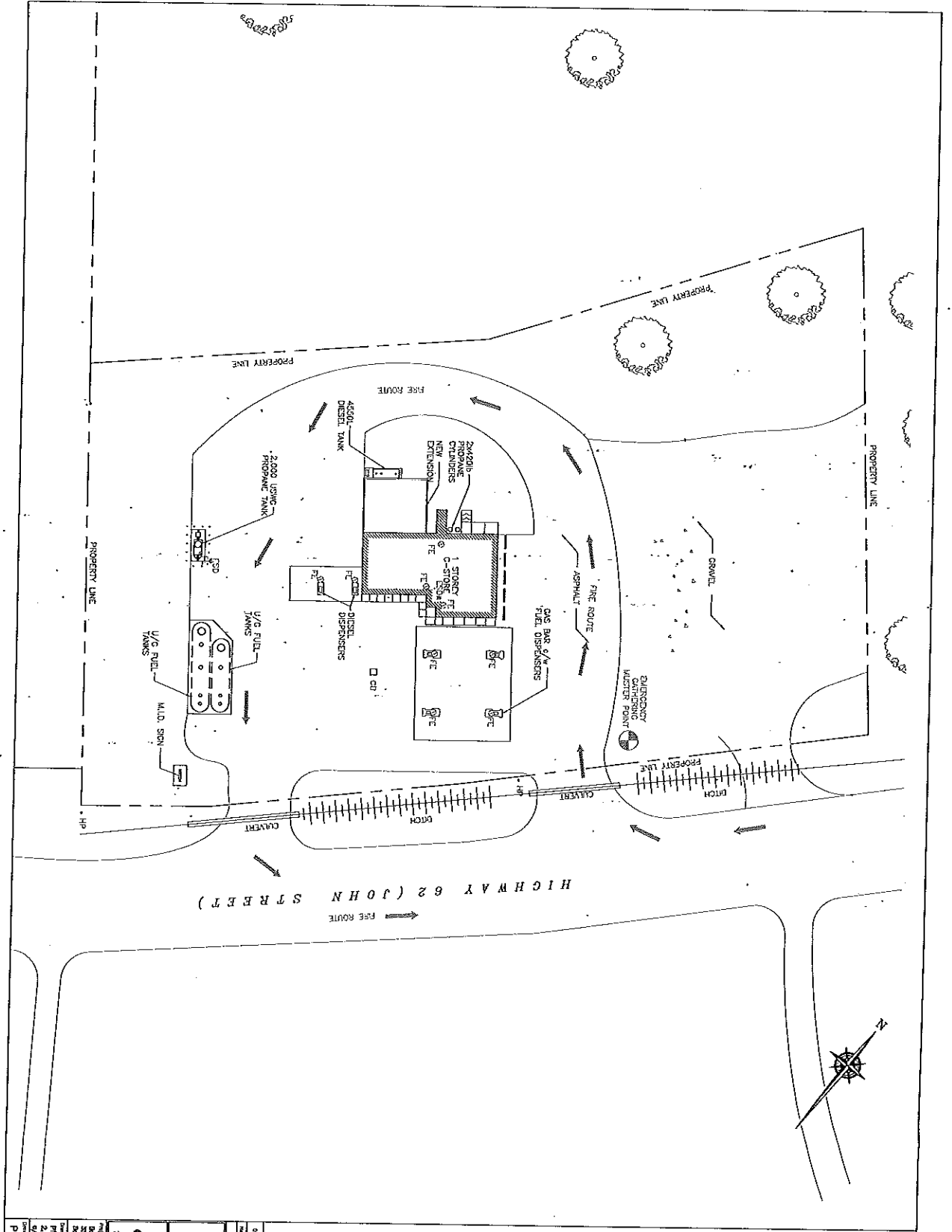
PLANNING ADVISORY INFORMATION:
 ALL THE DATA, ADVISORY INFORMATION, THE
 PROPOSED BIOPROCESS PLANT, THE
 TOWNSHIP OF MADDAWASKA, VALLEY
 IS A VILLAGE STREET, BOX 1000
 BOX 1000, VALLEY, ONT.
 ALL THE DATA, ADVISORY INFORMATION,
 THE PROPOSED BIOPROCESS PLANT,
 THE TOWNSHIP OF MADDAWASKA, VALLEY,
 IS A VILLAGE STREET, BOX 1000,
 BOX 1000, VALLEY, ONT.
 E-MAIL: barry@barrysbay.com

NO.	DATE	DESCRIPTION	BY
0	June 28, 2011	ISSUED FOR PERMITS	JMK
1	July 1, 2011	REVISED	JMK



ALTENG Inc.
 Alternative Energy Consulting
 125 York Street, Toronto, Ontario M5E 1B4
 Telephone: (416) 593-1111
 Fax: (416) 593-1112

PROJECT INFORMATION	CLIENT INFORMATION
Project Name: 2,000 USWG BIOPROCESS PLANT	Client Name: ALTENG INC.
Project Location: 2,000 USWG BIOPROCESS PLANT	Client Address: 125 YORK STREET, TORONTO, ONT. M5E 1B4
Project Number: P-2000	Client Contact: JMK
Project Date: 14120D	Client Phone: (416) 593-1111
Project Status: 141	Client Fax: (416) 593-1112



SITE DATA


ZONING REGRADATION
 LOT AREA 8330sq.m.
 BUILDING AREA 2333sq.m.
 LOT COVERAGE OF BUILDING 28%

PROPERTY LINE SETBACKS	
FRONT	101.76m
REAR	16.41m
SIDE	35.21m
WIDE	27.26m

GPS COORDINATES	
LATITUDE	52°04'45.51N
LONGITUDE	177°02'24.67W

LEGEND:

- FE @ FINE DIMENSION
- P-1 FINE HYDRANT (FM)
- DISP FUEL DISPENSER
- DISP QUANTITY SHUT-DOWN
- METER POINT (METER POINT OR WIND METERING)



ALTENG Inc.
 Alternative Energy Consulting

Telephone: (604)254-1844
 125 West Commercial, Vancouver, BC V6C 2R6
 Fax: (604)254-1845

Project Name	141200
Client	ALTENG INC.
Project No.	141200
Project Date	NOV 28 2014
Project Status	ASB APPROVED
Project Location	2333 JOHN STREET, VANCOUVER, BC

NO.	DATE	DESCRIPTION	BY
0	NOV 28 2014	ISSUE FOR ASB APPROVAL	REVISIONS