



MUNICIPALITY OF KILLARNEY



CONSERVATION AND DEMAND MANAGEMENT PLAN

Updated July 2019

This plan is designed to demonstrate municipal compliance with Ontario Regulation 397/11, which is under the “The Green Energy Act 2009.”



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INTRODUCTION

The Village of Killarney is located at the entrance to the North Channel of Georgian Bay on Lake Huron, and is easily accessible from Highway 69 by way of Highway 637.

The municipality is divided into two wards: Ward one is composed of land that was formerly known as the Township of Rutherford and George Island, and Ward two is composed of all the land that is annexed to our “new municipality”. The newly restructured Municipality of Killarney took effect on January 1, 1999. The municipality was created through the amalgamation of the Township of Rutherford and George Island with 13 other townships (Killarney, Carlyle, Hansen, Goshen, Sale, Humbolt, Attlee, Kilpatrick, Travers, Struthers, Allen, portions of the geographic Townships of Bigwood and Mowat) and the Unsurveyed Territory.

Further, on January 1, 2001 the Municipality annexed a number of islands from the Town of Northeastern Manitoulin and the Islands (NEMI) which fulfilled their amalgamation order. The islands formed part of Ward 1. In July of 2005, there was a realignment of the Municipality’s ward boundaries, which extended the limits of Ward 1 to include properties located on the Highway 637 corridor which had previously been part of Ward 2.

The area of the Municipality of Killarney is more than 1654 square kilometres, so large geographically that it is located within three districts: Manitoulin, Sudbury and Parry Sound. It is more than twice as large as the geographical area of the City of Toronto and includes two provincial parks (Killarney and French River).



There are 51 miles between the eastern and western points of the Municipality (83,500 metres or 83.5 km). The population for the Municipality of Killarney is 505. The population density is 0.3 per square kilometre. The total number of households is 930.

The Municipality of Killarney employs 10 full time, 6 part time and a minimum of 3 seasonal positions. All of the municipal buildings are located within the hamlet area known locally as the Town of Killarney except for the Public Works Garage and the Municipal Airport which are located on the outskirts. The Municipality operates both a Community Centre and Veteran's Memorial Hall for community events and the hall also includes a fitness centre operational year round. There is a Fire Hall within the Municipality operated by volunteers within the Community. We also have an Ambulance base situated in the middle of town right beside the Killarney Health Centre.

The Municipal Council is composed of one Mayor elected at large and five councillors, three councillors from Ward 1 and two councillors from Ward 2. In September 2013, By-law 2013-29 was passed changing the composition of council to the Mayor being elected at large, three councillors in Ward 1 and two councillors in Ward 2.

There are currently a number of formative plans in place that set the overall direction of the municipality. The Official Plan and Zoning By-Law provide guidance for future growth and development with regard to relevant social, economic and environmental matters. The Accessibility Plan provides direction for the provision of services and planning to better accommodate those with disabilities. In 2007, Council adopted an Asset Management Plan to guide the maintenance and growth of infrastructure and Capital Assets within the Municipality. In 2013, an Economic Development Plan has been started to guide Killarney for the next five years by bringing various ideas forth by volunteers in our community to promote growth and prosperity.



FACILITY OVERVIEW

Year of Construction: 1949

Primary Heating Source: Oil

Cooling: Air conditioning using electrical means

A gas powered generator is located at the Office to provide power during emergency situations.

KEY PHYSICAL FEATURES

The main floor of the Office serves as office space/reception for the Clerk, Deputy-Clerk Treasurer, Mayor's Office, CEMC/Project Manager and Chief Building Official. The East end of the building is leased by Desjardins Credit Union and a middle office is rented for Canada Post operations. There is a small kitchen/lunch room, accessible washrooms and Council Chambers located within the building.

The basement of the facility contains two rooms, one containing the two furnaces and the rest of the basement is used for records and supply storage.

KEY ENERGY CONSUMING USES

Heating and Cooling are the main energy uses of this building.

PROPOSED ENERGY SAVING MEASURES

- Recent upgrades include new windows, new oil tank with spill protection and new LED Retrofit energy-efficient lighting throughout the interior and exterior of the building.
- Other upgrades can include insulation & electrical.

MUNICIPAL OFFICE

32 Commissioner Street
Killarney, ON P0M 2A0

Function: Administrative Offices including Municipal Chambers

East end is leased by Desjardins Credit Union

Middle office is rented by Canada Post Corporation

Total size of building in which Operations are conducted:
7442 square feet

Average Number of Hours per Week: **37.50 Hours**





FACILITY OVERVIEW

Year of Construction: 1962

Primary Heating Source: Propane/Electric Heaters

The office at Public Works has one window-mounted air conditioner.

A gas-powered generator is located on-site to provide power during emergency situations.

KEY PHYSICAL FEATURES

The Public Works garage is located at 1096 Highway 637 and is leased from MTO. It was formerly MTO's Patrol 4 headquarters. There is a 4-bay garage with attached office and washroom. A sand dome, a salt shed and another shed is located on the property.

KEY ENERGY CONSUMING USES

Heating is the main energy use of this building.

Electric heat is used in the office and bathrooms.

PROPOSED ENERGY SAVING MEASURES

- Approach leasor (MTO) to ask for insulation to be installed in the building, along with a new roof, and updated electrical and lighting system.

Public Works Building

1096 Highway 637
Killarney, ON P0M 2A0

Function: Public Works storage and maintenance facility for vehicles and equipment – Leased with MTO

Total size of building in which Operations are conducted:
3520 square feet

Average Number of Hours per Week: **40 Hours**





FACILITY OVERVIEW

Year of Construction: 2005

Primary Heating Source: Electric

The building is air conditioned.

A standby generator, which also services the adjacent Health Centre is also located here, which automatically starts up to provide power during emergency situations.

KEY PHYSICAL FEATURES

The water treatment plant houses an office, lab, lunch/conference room, storage areas, as well as pumps and monitoring equipment relating to the water treatment and distribution system. Two storage wells for water are located under the front porch of the plant.

KEY ENERGY CONSUMING USES

Heating and operation of equipment is the main energy use of this building.

PROPOSED ENERGY SAVING MEASURES

- Recent upgrades include new LED Retrofit energy-efficient lighting throughout the interior and exterior of the building.
- Since this building is relatively new, it has up-to-date insulation, roofing, energy-efficient windows & electrical system.

Water Treatment Plant

34 Commissioner Street
Killarney, ON P0M 2A0

Function: Houses pumps and monitoring equipment for water treatment & distribution

Total size of building in which Operations are conducted:
6240 square feet

Average Number of Hours per Week: **40 Hours**





FACILITY OVERVIEW

Year of Construction: 1985

Primary Heating Source: Electric

The station has no air conditioning.

A gas-powered portable generator is also located here, to provide power during emergency situations.

KEY PHYSICAL FEATURES

The low-lift station houses pumps and monitoring equipment relating to the water supply for the village as well as for the sewer system. It also has a very small office area.

KEY ENERGY CONSUMING USES

Heating of the building, as well as operation of pumps and monitoring equipment is the main energy use in this building.

PROPOSED ENERGY SAVING MEASURES

- Upgrade electrical and lighting systems.

Low Lift Station

27 Channel Street
Killarney, ON P0M 2A0

Function: Houses pumps and monitoring equipment for water and sewer systems

Total size of building in which Operations are conducted:
486 square feet

Average Number of Hours per Week: **40 Hours**





FACILITY OVERVIEW

Year of Construction: 2006

Primary Heating Source: Propane

The building has an air conditioning system.

A standby generator is located near here and also serves the Water Treatment Plant. The generator automatically starts up if the electric power goes off.

KEY PHYSICAL FEATURES

The Health Centre has a waiting room, staff room, treatment rooms, offices, and storage areas.

KEY ENERGY CONSUMING USES

Heating of the building, as well as the operation of medical and television broadcasting equipment are the main energy uses in this building.

PROPOSED ENERGY SAVING MEASURES

- This is a relatively new building.
- Recent upgrades include new LED Retrofit energy-efficient lighting throughout the interior and exterior of the building.

Killarney Health Centre

36-B Commissioner Street
Killarney, ON P0M 2A0

Function: To provide medical care and treatment to the permanent residents of the village as well as seasonal visitors.

Total size of building in which Operations are conducted:
2280 square feet

Average Number of Hours per Week: **37.5 Hours**





FACILITY OVERVIEW

Year of Construction: 1973

Primary Heating Source: Oil furnace

The building is not air conditioned

A portable generator is available for use if the electric power goes off.

KEY PHYSICAL FEATURES

The Fire Hall is a large garage with three bays to house the fire vehicles and also has a meeting room, office, and a large storage area over the office and meeting room.

KEY ENERGY CONSUMING USES

Heating of the building, as well as the operation of office equipment are the main energy uses in this building.

PROPOSED ENERGY SAVING MEASURES

- Recent upgrades include new oil tank with spill protection and new LED Retrofit energy-efficient lighting throughout the interior and exterior of the building.
- Upgrades can include insulation and new windows.

Fire Hall

31 Commissioner Street
Killarney, ON P0M 2A0

Function: To provide Land-Based services ONLY and fire suppression services to structural and non-structural fires that are accessible by a maintained road

Total size of building in which Operations are conducted:
3168 square feet

Average Number of Hours per Week: **Volunteer Basis**





FACILITY OVERVIEW

Year of Construction: 1990, ADDITION in 2013

Primary Heating Source: Electric

The building has some portable air conditioners.

A genset generator is located on-site for emergency use which automatically turns on during a power outage.

KEY PHYSICAL FEATURES

The EMS building has a heated garage for the ambulance, a living area and small kitchen area, an office, two bedrooms, and storage cupboards.

KEY ENERGY CONSUMING USES

Heating of the building, as well as the operation of office and kitchen equipment are the main energy uses in this building.

PROPOSED ENERGY SAVING MEASURES

- Recent upgrades include a new energy efficient hot water tank and a new garage door to be installed in 2019 to reduce electricity costs and provide better insulation.
- Upgrade of lighting system and windows.

EMS Station

36-A Commissioner Street
Killarney, ON P0M 2A0

Function: To provide medical care and transportation to hospital emergency rooms for citizens and visitors

Total size of building in which Operations are conducted:
1536 square feet

Average Number of Hours per Week: **24/7 - on call**





FACILITY OVERVIEW

Year of Construction: 1984

Primary Heating Source: Electric heat (the building is used only during the summer months, but does have electric heaters installed).

The building does not have air conditioning.

A portable generator can be brought on site if the electric power goes off.

KEY PHYSICAL FEATURES

The Airport Building is one open room, with several windows to allow light and an area for storage, office, and radio equipment.

KEY ENERGY CONSUMING USES

The main energy uses in this building is the operation of the lighting, office, and radio equipment. The building is used only during the summer months.

PROPOSED ENERGY SAVING MEASURES

- Upgrade of lighting system, insulation, and new energy-efficient windows.

Municipal Airport

100 Ontario Street
Killarney, ON P0M 2A0

Function: To provide landing and parking services to residents and seasonal tourists

Total size of building in which Operations are conducted:
200 square feet

Average Number of Hours per Week: **36 Hours**

Seasonal Facility – Opens in May until closing in September





FACILITY OVERVIEW

Year of Construction: 2011

Primary Heating Source: Propane / Diesel

The building is heated and air conditioned by a computerized system that allows for less heat/cool air to be released during periods when the building is unoccupied.

A genset generator is located on-site for emergency use which automatically turns on during a power outage.

KEY PHYSICAL FEATURES

Veterans' Memorial Hall has a wide entrance hallway with cloakroom, a main room for large gatherings up to 250 people, a serving bar area, a fitness room, and a commercial kitchen with walk-in cooler.

KEY ENERGY CONSUMING USES

Heating and cooling of the building as well as maintaining the temperatures of coolers/freezers is the main energy use of this building.

PROPOSED ENERGY SAVING MEASURES

- Recent upgrades include new LED Retrofit energy-efficient lighting throughout the interior and exterior of the building.
- Since this building is new, it has up-to-date insulation, roofing, energy-efficient windows and electrical system.

Veteran's Memorial Hall

56-B Charles Street
Killarney, ON P0M 2A0

Function: Recreational facility equipped with a fitness centre operational year round, kitchen, bar, washrooms and a hall area capable of hosting various events

Total size of building in which Operations are conducted:
6570 square feet

Average Number of Hours per Week: **30 Hours**





FACILITY OVERVIEW

Year of Construction: 1985

Primary Heating Source: Propane

There is no air conditioning.

A gas powered portable generator is available nearby to provide power during emergency situations.

KEY PHYSICAL FEATURES

The Community Centre has a small main room for gatherings, along with three dressing rooms and a canteen/kitchen. It is adjacent to the ice hockey rink and the curling rink, and is meant largely to be a warming centre during winter recreational events.

KEY ENERGY CONSUMING USES

Heating and lighting are the main energy uses of this building.

PROPOSED ENERGY SAVING MEASURES

- Recent upgrades include new LED Retrofit energy-efficient lighting throughout the interior and exterior of the building.
- A new roof was installed on this building not long ago. Additional energy-saving measures to plan for include insulation and energy-efficient windows.

Killarney Community Centre

58 Charles Street
Killarney, ON P0M 2A0

Function: Recreational facility equipped with washrooms and a heated area to accompany an outdoor rink and curling rink

Total size of building in which Operations are conducted:
2046 square feet

Average Number of Hours per Week: **40 Hours**

Seasonal Facility – Ice pad & curling rinks open in December until closing in March-April





FACILITY OVERVIEW

Year of Construction: 1985

Primary Heating Source: This is a seasonal facility that does not operate in the winter. No heating is required during the winter months.

Cooling: Air conditioning using electrical means (fans)

KEY PHYSICAL FEATURES

The building contains a small area in the corner for the attendant (desk & chair). Washroom facilities are located across the street at Municipal Building.

The log building is used to display artifacts from our heritage.

KEY ENERGY CONSUMING USES

Cooling is the main energy use of this building (fans).

PROPOSED ENERGY SAVING MEASURES

- Recent upgrades include electrical upgrades and new LED Retrofit energy-efficient lighting throughout the interior and exterior of the building.
- Repaired/restored rotten logs on exterior. Sandblasted and re-painted exterior of building.
- Upgrades of insulation and new energy-efficient windows.

Killarney Museum

29 Commissioner Street
Killarney, ON P0M 2A0

Function: Cultural facility.
Local heritage museum.

Total size of building in which
Operations are conducted:
1200 square feet

Average Number of Hours per
Week: **36 Hours**

Seasonal Facility – Opens in
June until closing the first week
of September





FACILITY OVERVIEW

Year of Construction: 1885

Primary Heating Source: This is a seasonal facility that does not operate in the winter. No heating is required during the winter months.

Cooling: Air conditioning using electrical means (fans)

KEY PHYSICAL FEATURES

The building contains a small area in the corner for the leasee to operate a cash register. Washroom facilities are located across the street at Municipal Building.

The building is used to sell souvenirs and gifts all focused around Killarney.

KEY ENERGY CONSUMING USES

Cooling is the main energy use of this building (fans).

PROPOSED ENERGY SAVING MEASURES

- Upgrade of lighting system, insulation, and new energy-efficient windows.

Jailhouse

9 Charles Street
Killarney, ON P0M 2A0

Function: Rented by a local business owner to operate a small souvenir - gift shop

Total size of building in which Operations are conducted:
400 square feet

Average Number of Hours per Week: **36 Hours**

Seasonal Facility – Opens in May-June until closing in September-October





FACILITY OVERVIEW

Year of Construction: 1958

Primary Heating Source: This is a seasonal facility that does not operate in the winter. No heating is required during the winter months.

Cooling: Air conditioning using electrical means (fans)

KEY PHYSICAL FEATURES

The building contains a small area in the corner for the leasee to operate a cash register. Washroom facilities are available at Veteran`s Memorial Hall.

The building is used to sell souvenirs and gifts all focused around Killarney and it`s heritage. Clothing and handmade knick knacks are available.

KEY ENERGY CONSUMING USES

Cooling is the main energy use of this building (fans).

PROPOSED ENERGY SAVING MEASURES

- Upgrade of lighting system, insulation, and new energy-efficient windows.

Welcome Centre

52 Charles Street
Killarney, ON P0M 2A0

Function: Rented by a local business owner to operate a small souvenir - gift shop

Total size of building in which Operations are conducted:
600 square feet

Average Number of Hours per Week: **40 Hours**

Seasonal Facility – Opens in May-June until closing in September-October

