



**Ministry of Health and  
Long-Term Care**

**Inspection Report under  
the Long-Term Care  
Homes Act, 2007**

**Ministère de la Santé et des  
Soins de longue durée**

**Rapport d'inspection sous la  
Loi de 2007 sur les foyers de  
soins de longue durée**

**Long-Term Care Homes Division  
Long-Term Care Inspections Branch**

**Division des foyers de soins de  
longue durée  
Inspection de soins de longue durée**

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## **Public Copy/Copie du public**

<b>Report Date(s) / Date(s) du rapport</b>	<b>Inspection No / No de l'inspection</b>	<b>Log # / Registre no</b>	<b>Type of Inspection / Genre d'inspection</b>
Dec 30, 2016	2016_552531_0048	032078-16	Complaint

### **Licensee/Titulaire de permis**

2109577 ONTARIO LIMITED  
195 Forum Drive Unit 617 MISSISSAUGA ON L4Z 3M5

### **Long-Term Care Home/Foyer de soins de longue durée**

2109577 ONTARIO LIMITED O/A ARBOUR HEIGHTS  
564 Tanner Drive KINGSTON ON K7M 0C3

### **Name of Inspector(s)/Nom de l'inspecteur ou des inspecteurs**

SUSAN DONNAN (531)

## **Inspection Summary/Résumé de l'inspection**

**The purpose of this inspection was to conduct a Complaint inspection.**

**This inspection was conducted on the following date(s): December 19 and 20, 2016.**

**A complaint inspection was completed related to lighting levels.**

**During the course of the inspection, the inspector(s) spoke with a resident, the Administrator, the Environmental Services Manager and the Director of Care. Lighting levels were measured in all corridors, dining rooms, lounges, resident rooms, resident bathrooms, tub/shower rooms, and resident common areas.**

**The following Inspection Protocols were used during this inspection:**



Safe and Secure Home

During the course of this inspection, Non-Compliances were issued.

- 1 WN(s)
- 1 VPC(s)
- 0 CO(s)
- 0 DR(s)
- 0 WAO(s)

NON-COMPLIANCE / NON - RESPECT DES EXIGENCES

<p>Legend</p> <p>WN – Written Notification  VPC – Voluntary Plan of Correction  DR – Director Referral  CO – Compliance Order  WAO – Work and Activity Order</p>	<p>Legendé</p> <p>WN – Avis écrit  VPC – Plan de redressement volontaire  DR – Aiguillage au directeur  CO – Ordre de conformité  WAO – Ordres : travaux et activités</p>
<p>Non-compliance with requirements under the Long-Term Care Homes Act, 2007 (LTCHA) was found. (a requirement under the LTCHA includes the requirements contained in the items listed in the definition of "requirement under this Act" in subsection 2(1) of the LTCHA).</p> <p>The following constitutes written notification of non-compliance under paragraph 1 of section 152 of the LTCHA.</p>	<p>Le non-respect des exigences de la Loi de 2007 sur les foyers de soins de longue durée (LFSLD) a été constaté. (une exigence de la loi comprend les exigences qui font partie des éléments énumérés dans la définition de « exigence prévue par la présente loi », au paragraphe 2(1) de la LFSLD.</p> <p>Ce qui suit constitue un avis écrit de non-respect aux termes du paragraphe 1 de l'article 152 de la LFSLD.</p>

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**WN #1: The Licensee has failed to comply with O.Reg 79/10, s. 18. Every licensee of a long-term care home shall ensure that the lighting requirements set out in the Table to this section are maintained. O. Reg. 79/10, s. 18.**

**TABLE****Homes to which the 2009 design manual applies****Location - Lux****Enclosed Stairways - Minimum levels of 322.92 lux continuous consistent lighting throughout****All corridors - Minimum levels of 322.92 lux continuous consistent lighting throughout****In all other areas of the home, including resident bedrooms and vestibules, washrooms, and tub and shower rooms. - Minimum levels of 322.92 lux****All other homes****Location - Lux****Stairways - Minimum levels of 322.92 lux continuous consistent lighting throughout****All corridors - Minimum levels of 215.28 lux continuous consistent lighting throughout****In all other areas of the home - Minimum levels of 215.28 lux****Each drug cabinet - Minimum levels of 1,076.39 lux****At the bed of each resident when the bed is at the reading position - Minimum levels of 376.73 lux****O. Reg. 79/10, s. 18, Table; O. Reg. 363/11, s. 4****Findings/Faits saillants :**

1. The licensee failed to ensure that required levels of lighting were provided in all areas of the long term care home including: a minimum of 322.92 lux of lighting throughout residents' bedrooms, entrance vestibules, ensuite bathrooms and tub rooms.

A hand held digital light meter was used (Amprobe LM-120, operating error < 10%) to measure lux levels over the course of the inspection. Lux levels were measured in a sample of 50% of residents rooms located on the six home units . The light meter sensor was held 3-4 feet above and parallel to the floor, with the exception of measurements taken at the head of each bed, which was done above the pillow. If all provided bedroom lights were not on when the Inspector arrived to measure the lux, they were turned on



and allowed to warm up for at least 10 minutes before measurements were assessed. When measuring lux levels in bedrooms and tub rooms, the bedroom door, bathroom door and window coverings were closed in order to eliminate the influence of the corridor or natural lighting on the meter readings. Privacy curtains, where provided, were open when light levels were measured.

The focus in bedrooms was on areas of activity, and above the head of the bed. In all bedrooms assessed, there was a 6 inch, frosted covered recessed ceiling light fixture in the entrance vestibule, a 18 inch table lamp with a 8 inch shade at each bedside and a ceiling mounted 14 inch frosted dome light fixture above the foot of the bed.

In addition the focus in the tub rooms was on areas of activity, the entrance side of the tub, resident seating area in the tub room and directly over the tub. In all the tub rooms assessed there were frosted covered ballast light fixtures with fluorescent bulbs in the entrance vestibule, two approx. 6 inch frosted covered recessed ceiling light fixture over the tub and one wall mounted approx. six inch frosted circular light fixture on each side of the vanity. Some of the provided lights were not functioning.

Levels of illumination throughout the sample of residents' bedrooms and tub rooms, were less than 50 to 75 % of the required lighting level of 322.92 lux, unless immediately underneath or in close proximity to most of the provided ceiling mounted or bedside table lamp fixtures.

On the afternoon of December 20 , 2016, at approximately 11:45, the Inspector and the Administrator, the Director of Care and the Environmental Services Manager observed several resident bedrooms and the tub rooms on the second and third floor. During the observation process, resident #001 informed the Inspector and the Administrator that he/she found the lighting to be dark.

The lux levels were measured and were generally non compliant with exceptions noted.

Bedroom #313 was a single bed room. The highest level of lux measured in the centre of the entrance vestibule directly beneath the ceiling recessed 6 inch frosted circular light fixture measured 198 lux. The highest lux level measured above the pillow measured 106 lux. The level of lux measured one foot out from the centre of the resident's bed, on the left side in front of the resident's activity/bedside table and closet measured 81.9 lux. The highest level of lux measured directly beneath the ceiling mounted frosted 14 inch circular dome light fixture, above the space at the foot of the bed measured 117 lux. The



highest level of lux measured in the ensuite bathroom in front of the toilet measured 134 lux.

In addition the level of lux measured in room #366 (jacuzzi/tub) measured in front of the tub (entrance/exit door) measured 107.7 lux; between the tub and vanity the level of lux measured 90 lux and the level of lux over the tub directly beneath the 6 inch circular recessed ceiling light measured 70.2 lux.

Low levels of lighting are a potential risk to the health, comfort, safety and well being of residents. Insufficient lighting levels may negatively impact the ability of staff to clean effectively and to deliver safe and effective care to residents including: the distribution or application of prescribed drugs and treatments and conduct assessments. Low levels of illumination and shadows may negatively impact residents' perception of the surrounding environment affecting mobility, nutritional intake and overall quality of life. [s. 18.]

***Additional Required Actions:***

***VPC - pursuant to the Long-Term Care Homes Act, 2007, S.O. 2007, c.8, s.152(2) the licensee is hereby requested to prepare a written plan of correction for achieving compliance with the requirement to provide minimum levels of 322.92 lux in residents bedrooms, entrance vestibules, ensuite bathrooms and two resident tub rooms. The plan is to include processes that will ensure that existing provided lighting is fully functional. The plan is to explore options and strategies for enhancing and improving existing provided lighting and to explore options for additional lighting as may be required, to be implemented voluntarily.***

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Issued on this 30th day of December, 2016

**Signature of Inspector(s)/Signature de l'inspecteur ou des inspecteurs**



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**Original report signed by the inspector.**