



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

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

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

**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**

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<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>
Oct 21, 2016	2016_189120_0064	022502-16	Complaint

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**Licensee/Titulaire de permis**

REVERA LONG TERM CARE INC.  
55 STANDISH COURT 8TH FLOOR MISSISSAUGA ON L5R 4B2

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

NORTHRIDGE  
496 POSTRIDGE DRIVE OAKVILLE ON L6H 7A2

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

BERNADETTE SUSNIK (120)

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

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

**This inspection was conducted on the following date(s): October 20, 2016**

**Inspectors who conducted the Resident Quality Inspection in August 2016 uncovered several poorly illuminated areas within the home but were not able to take illumination measurements at the time. This inspection was conducted to confirm whether illumination levels met or exceeded the minimum regulatory requirements.**

**During the course of the inspection, the inspector(s) spoke with the Executive Director and Environmental Services Supervisor.**

**During the course of the inspection, the inspector took illumination levels of artificial light sources located in spa and shower rooms, resident bedrooms and common washrooms.**

**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**

Legend

WN – Written Notification  
VPC – Voluntary Plan of Correction  
DR – Director Referral  
CO – Compliance Order  
WAO – Work and Activity Order

Legendé

WN – Avis écrit  
VPC – Plan de redressement volontaire  
DR – Aiguillage au directeur  
CO – Ordre de conformité  
WAO – Ordres : travaux et activités

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).

The following constitutes written notification of non-compliance under paragraph 1 of section 152 of the LTCHA.

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.

Ce qui suit constitue un avis écrit de non-respect aux termes du paragraphe 1 de l'article 152 de la LFSLD.

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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 did not ensure that the lighting requirements set out in the lighting table were maintained.

The home was built prior to 2009 and was therefore subject to lighting requirements under the section of the lighting table titled "All other homes."

Lighting levels were measured using a portable analogue light meter (Sekonic Handi Lumi) following guidelines identified in the Lighting Handbook, 10th edition published by the Illuminating Engineering Society of North America. All light fixtures within a given space were turned on if not already illuminated and allowed to warm up to peak

operating levels. The light meter was held 30 inches above and parallel to the floor in areas where residents would most benefit from adequate illumination levels (at the bed, in the tub, in the shower, dressing areas, sitting areas, in front of the sink). Areas that were avoided included room corners, transition points, doorways and along walls. The outdoor conditions were overcast during the process and natural light sources were excluded as much as possible by closing window curtains and doors. The purpose of measuring without natural light sources is to determine the level of illumination that would be available to residents during night time conditions when artificial sources of light would be used. The minimum illumination levels required in resident rooms, tub/shower rooms, common spaces and washrooms is 215.28 lux. The minimum required illumination levels required at the head of the bed (for reading) is 376.73. The following illumination levels were achieved on October 20, 2016;

#### A) Resident Bedrooms

Resident bedrooms throughout the home were equipped with two wall mounted fluorescent tube lights with a valence open at the top, directing light towards the ceiling. One fixture was above the bed and the other fixture was on the opposite side of the bed. The semi private and private rooms specifically measured were 2216 and 1216.

In room 2216, the lux over the head of the bed was 300, the foot of the bed was 195 and around a sitting area within the room was 175 lux.

In room 1216, the lux over the head of the bed was 320 and the foot of the bed was 200 lux.

The minimum requirement of 215.28 lux was not provided around the entire bed, in the area of the room used by residents for sitting, reading and watching television and 376.73 lux was not provided at the head of the bed (for reading purposes).

#### B) Spa Rooms

Spa rooms in each of the 6 home areas were equipped with a tub area, shower area, toileting area (with sink) and an entry area with cabinets and a sink. Each spa room was equipped with the same number and style of light fixtures which included recessed pot lights, wall sconces and one fluorescent tube light with lens. Some minor variations were noted in where the fixtures were mounted. Light measurements were taken in 3 separate spa rooms (one on second floor and two on first floor).



### Trafalgar House

\*Wall sconce in entry area burnt out on one side of sink. Two pot lights available in entry area, 65 lux upon entry and towards tub and shower areas. 75 lux at the sink, 165 lux under 1 pot light and 110 lux under the second pot light.

\*Tub area was equipped with 5 pot lights, 1 was burnt out. Lux under several pot lights was 175 and the general lux around the tub was 150.

\*Toilet area was equipped with 1 pot light and a wall mounted fluorescent single tube light over the sink. The lux over the toilet was 110.

\*Shower area was equipped with 2 pot lights and no light within the shower enclosure. The lux within the shower enclosure was 95 lux, 150 lux under the pot light near the shower and 200 lux at the 2nd pot light.

### Chisolm House

\*Two pot lights available in entry area, and both sconces working, however lux was 150 at the sink.

\*Tub area was equipped with 5 pot lights, all were functioning. Lux under several pot lights was over 220 and the lux around the tub was 200.

\*Toilet area was equipped with 1 pot light and a wall mounted fluorescent single tube light over the sink. The lux over the toilet was 190.

\*Shower area was equipped with 2 pot lights and no light within the shower enclosure. The lux within the shower enclosure was 110 lux, 175 lux under the pot light near the shower and 100 lux at the 2nd pot light.

### Mill House

\*Two pot lights available in entry area, but one was burnt out with a lux of 25 at the door entry and 215 lux near the sink. Lux over the sink was 150 with both sconces working.

\*Tub area was equipped with 5 pot lights, all were functioning. Lux under several pot lights was between 175 and 200 and the perimeter around the tub was 150 to 175 lux.

\*Toilet area was equipped with 1 pot light and a ceiling mounted double tube fluorescent light over the sink. The lux over the toilet was 205.

\*Shower area was equipped with 2 pot lights and no light within the shower enclosure. The lux within the shower enclosure was 100 lux, 225 lux under the pot light near the shower and 195 lux at the 2nd pot light. The general illumination level between the two pot lights was 110 lux.

The minimum requirement of 215.28 lux was not provided in the shower enclosure, general shower area, entry area into the spa room and path of travel towards the shower and tub area, at the sink in the entry area, above or around the toilet and around the tub.

### C) Shower Rooms

Shower rooms in each of the 6 home areas were equipped with an entry area with a sink, a shower area with a toilet and shower enclosure. Each shower room was equipped with the same number and style of light fixtures which included one wall sconce, one fluorescent tube light with opaque lens above the sink and 3 pot lights. Light measurements were conducted in 3 separate shower rooms. For all three home areas which included Chisolm Trafalgar and Mill House, the lux levels at the toilets were between 75 and 125, the shower enclosures between 35 and 50 and the general shower area was between 125 and 150.

The minimum requirement of 215.28 lux was not provided in the shower enclosure, general shower area and above or around the toilet.

### D) Public and resident common washrooms

All 6 home areas including the corridor near the chapel had a washroom which were all equipped with one toilet and sink and a single wall mounted fluorescent tube light over the sink. Four washrooms were measured and all four were deficient in illumination within the room and at the toilet. The lux levels ranged from 50 to 135 at the toilet depending on the type of bulb that was in the light fixture. The general room illumination levels (when several feet from the sink area) ranged between 250 and 100 lux.

The minimum requirement of 215.28 lux was not provided in the room and at the toilet.

Verification would need to be made by the licensee to establish if adequate illumination levels have been provided in other areas of the home that were not measured during this inspection. [s. 18.]



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***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 to ensure that the lighting requirements set out in the lighting table are maintained, to be implemented voluntarily.***

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**Issued on this 21st day of October, 2016**

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

**Original report signed by the inspector.**