



**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**

Ottawa Service Area Office  
347 Preston St Suite 420  
OTTAWA ON K1S 3J4  
Telephone: (613) 569-5602  
Facsimile: (613) 569-9670

Bureau régional de services d'Ottawa  
347 rue Preston bureau 420  
OTTAWA ON K1S 3J4  
Téléphone: (613) 569-5602  
Télécopieur: (613) 569-9670

## **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>
Nov 21, 2016	2016_346133_0037	032138-16	Other

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

GIBSON HOLDINGS (ONTARIO) LTD  
343 Amherst Drive Amherstview ON K7N 1X3

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

HELEN HENDERSON NURSING HOME  
343 Amherst Drive Amherstview ON K7N 1X3

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

JESSICA LAPENSEE (133)

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

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**The purpose of this inspection was to conduct an Other inspection.**

**This inspection was conducted on the following date(s): November 8th and 9th,  
2016**

**This Other inspection is related to lighting levels in resident bedrooms.**

**During the course of the inspection, the inspector(s) spoke with the Acting  
Administrator, the Director of Care, the Maintenance worker, the Activity Director,  
registered and non-registered nursing staff, and residents.**

**During the course of the inspection, the Inspector measured lighting levels in  
specified resident bedrooms. As well, the Inspector reviewed minutes from the  
Resident Council meetings from October 2014 to date.**

**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 has failed to ensure that the lighting requirements set out in the Table to section 18 are maintained, specifically related to lighting in four identified bedrooms in the Reception 1 section of the home.

The area of the long term care home in which the identified bedrooms were located was built prior to 2009 and therefore the section of the lighting table that was applied is titled "all other homes". At the bed of each resident, when the bed is at the reading position, a minimum level of 376.73 lux is required. In all other areas of a bedroom, a minimum level of 215.28 lux is required.



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 four identified bedrooms in the Reception 1 section of the home. The light meter sensor was held a standard 30 inches above and parallel to the floor, with the exception of measurements taken at the head of each bed, which was done above the pillow, directly underneath the over bed light if there was one. If all provided bedrooms 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 made. Lamps were not included, as they were not provided by the home. When measuring lux in bedrooms, the bedroom doors were closed in order to eliminate the influence of the corridor lighting on the meter readings. Lux levels were measured between 1700 hours and 1830 hours, when it was dark outside, therefore window coverings were not drawn during the process. The focus in bedrooms was on areas of activity, and above the head of the bed. In all bedrooms assessed, there was a centrally located ceiling mounted globe light fixture. In all bedrooms assessed, there was one or two wall mounted fluorescent tube light fixtures within the bed area. These wall fixtures all contained two 32 watt fluorescent tube light bulbs, and illuminated from the bottom. Wall fixtures in one of the identified bedrooms (#10) also illuminated from the top, and contained one or two additional 32 watt fluorescent tube light bulbs.

On the afternoon of November 8th, 2016, at approximately 15:30 hours, the Inspector and the Director of Care observed several resident bedrooms within the Reception 1 section of the home. During the observation process, resident #001 in bedroom #A informed the Inspector that when he/she arrived at the home, years ago, he/she told them that the light on the ceiling was not enough for the bedroom, but that it had never been changed. The Activity Director (AD), #S102, later confirmed that in the past, resident #001 had mentioned that the ceiling light in his/her bedroom was too dim. The AD explained that she could not recall if resident #001's concern about the dim ceiling light in his/her bedroom was reported for follow up. The AD explained that she did not recall resident #001 mentioning this concern within the recent past.

Lux levels were measured in the following bedrooms on the evening of Tuesday November 8th, 2016, between 1700 hours and 1830 hours. Lux levels were generally non-compliant, with exceptions specifically noted.

#### Bedroom #A:

This was a two bed room that was formerly a four bed room. The two beds were across



from each other, with the foot of each bed towards the centre of the room. On the wall above the head of each bed, there were two wall mounted fluorescent tube fixtures, which illuminated from the bottom. Each bed was positioned generally in between the two wall mounted fluorescent tube light fixtures, perpendicular to the wall.

The highest level of lux measured in the centre of the entrance vestibule of the room was 14 lux. The highest level of lux measured approximately two and a half feet out from the centre of the closed bathroom door was 36 lux.

The highest level of lux measured approximately one and a half feet out from the centre of resident #001's closed closet door was 42 lux. The highest level of lux measured above resident #001's pillow was 310 lux. The highest level of lux measured approximately one and a half feet out from the centre of resident #001's bed, on the right side, was 145 lux. The highest level of lux measured between the left side of resident #001's bed and his/her activity table was 95 lux. The highest level of lux measured approximately one foot out from the side of resident #001's activity table with the chair was 46 lux. The highest level of lux measured approximately two feet in front of the centre of resident #001's comfortable easy chair was 30 lux.

The highest level of lux measured directly beneath the ceiling mounted globe light fixture, approximately 16 feet into the centre bedroom, above the space between the foot of each bed, was 60 lux. As per discussion with the home's maintenance worker, this ceiling fixture contained two 13 watt spiral compact fluorescent (cfl) bulbs.

The highest level of lux measured approximately two feet out from the centre of resident #002's closed closet door was 40 lux. The highest level of lux measured above resident #002's pillow was compliant, in excess of the required 376.73 lux. The highest level of lux measured in between the left side of resident #002's bed and the edge of the shelving unit along the left wall was 150 lux. The highest level of lux measured approximately two feet out from the centre of resident #002's bedside table, on the right of the bed, was 130 lux. The highest level of lux measured approximately two feet out from the centre of resident #002's white dresser was 130 lux. The highest level of lux measured approximately two feet out from the centre of resident #001's comfortable easy chair was 45 lux.

#### Bedroom #B:

This was a single bed room. The bed was parallel to the wall, on which there was a

fluorescent tube light fixture that illuminated from the bottom. The bed was positioned centrally beneath the fixture, and therefore the head of the bed was not beneath the fixture. The highest level of lux measured above the resident's pillow was up to 158 lux.

The highest level of lux measured directly beneath the ceiling mounted globe light fixture, approximately 10 feet into the centre of the bedroom, was 145 lux. As per discussion with the home's maintenance worker, this ceiling fixture contained two 23 watt spiral cfl bulbs. The Inspector was advised that upon request from resident #003 for more lighting, the maintenance worker had put higher wattage bulbs into this ceiling fixture.

The highest level of lux measured in the centre of the entrance vestibule of the room was 40 lux. The highest level of lux measured approximately two feet out from the centre of the closed bathroom door was 110 lux. The highest level of lux measured approximately one foot out from the centre of resident #003's comfortable easy chair was 125 lux. The highest level of lux measured approximately two feet out from the centre of resident #003's bed was 115 lux. The highest level of lux measured approximately one and a half feet out from the centre of resident #003's closed closet door was 48 lux.

#### Bedroom #C:

This was a two bed room that was formerly a four bed room. At the time of the assessment, it was not possible to measure lux in and around resident #004's bed space. On the wall above resident #005's bed area, there were two wall mounted fluorescent tube light fixtures which illuminated from both the top and the bottom. Resident #005's bed was positioned perpendicular to the wall, half way under the wall fixture on the right (when facing the foot of the bed).

The highest level of lux measured in the centre of the entrance vestibule of the room was 19 lux. The highest level of lux measured approximately two feet out from the centre of resident #005's closed closet door was 96 lux. Lux levels measured at the head of resident #005's bed were compliant, in excess of 376.73 lux. Lux levels measured between the left side of the bed and resident #005's chair were compliant, up to 215 lux. Lux levels measured between the right side of the bed and resident #005's table and dresser were compliant, up to 215 lux.

The highest level of lux measured directly beneath the ceiling mounted globe light fixture, approximately 16 feet into the centre of the bedroom, was 155 lux. The foot of resident #005's bed was approximately one foot to the side of this area of measurement. As per





discussion with the home's maintenance worker, this ceiling fixture contained two 13 watt spiral cfl bulbs.

#### Bedroom #D:

This was a single bed room. The bed was positioned perpendicular to the wall, on which there was a fluorescent tube light fixture, which illuminated from the bottom. The head of the bed was positioned centrally beneath the fixture. The lux measured above resident #006's pillow was compliant, in excess of 376.73 lux.

The highest level of lux measured directly beneath the ceiling mounted globe light fixture, at the foot of resident #006's bed, which was approximately 10 feet into the centre of the bedroom, was 74 lux. As per discussion with the home's maintenance worker, this ceiling fixture contained two 13 watt spiral cfl bulbs.

The highest level of lux measured in the centre of the entrance vestibule of the room was 21 lux. The highest level of lux measured approximately two feet out from the centre of the closed bathroom door was 64 lux. The highest level of lux measured approximately one foot out from the centre of resident #006's bedside table, on the left side of the bed, was 110 lux. The highest level of lux measured approximately one and a half feet out from the centre of resident #006's bedside table, on the right side of the bed, was 75 lux. The highest level of lux measured approximately one foot out from the centre of resident #006's chair was 51 lux. The highest level of lux measured approximately one and a half feet out from the centre of resident #006's closed closet door was 35 lux.

On the evening of November 8th, 2016, at approximately 19:40 hours, the Inspector spoke with a Registered Practical Nurse (RPN, #S100) and a Registered Nurse (RN, #S101) and asked if the low lighting in bedrooms such as those assessed by the Inspector presented a challenge with regards aspects of the provision of care. The RPN and the RN indicated that low lighting can complicate wound assessments. They explained that the light from the central ceiling light fixture in such rooms is not enough, therefore the wall mounted lights in the bed areas must be turned on when doing wound assessments. They explained that while the light from the wall mounted light fixture helps, if the wound is on the lower body, they may also need to use a flashlight as the light from the wall fixture does not extend down the length of the bed.

On the morning of November 9th, 2016, at approximately 10:00 hours, the Inspector met with the Acting Administrator (AA) and with the Maintenance Worker (MW) to discuss





lighting levels in the specified resident bedrooms. The AA confirmed that the home does not provide lamps for the resident bedrooms. With regards to the wall mounted fluorescent tube light fixtures above the beds, the MW informed that they all have the capacity to illuminate from the top, with either one or two additional tube lights. The MW informed that when a bedroom is newly occupied, he ensures that the top and the bottom are functional. The MW explained that he relies on reports from staff, residents or visitors to inform him if the top tube light(s) need to be changed. With regards to the centralized ceiling mounted globe light fixtures, the MW explained that in the absence of requests from residents for increased lighting, he has been using two 13 watt spiral cfl bulbs in these fixtures. The MW noted that two 23 watt spiral cfl bulbs could be used in the ceiling fixtures, as was done upon request from resident #003, in bedroom #B. [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 lux in the identified bedrooms in the Reception 1 section of the home, as set out in the lighting Table (All Other Homes). 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. The plan is to explore options for additional lighting as may be required. The plan is, to be implemented voluntarily.***

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Issued on this 21st day of November, 2016

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

Original report signed by the inspector.