

# Proposed Selwyn District Plan



## Right of Reply Report

Light

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10 February 2022

## Contents

1. Purpose of Report .....	3
2. Hearing Panel’s Questions to the s42a Reporting Officer and Response .....	3
3. Clarification regarding matters raised in evidence.....	6
4. Reporting Officer’s Proposed Provision Amendments .....	8
5. Conclusion.....	15
Appendix 1: Updated Table of Submission Points .....	10
Appendix 2: Recommended amendments .....	13

## 1. Purpose of Report

- 1.1 The purpose of this report is to respond to the questions raised by the Hearings Panel during Hearing 16: Light, and for the Officer to address other matters raised in evidence and to propose any further amendments to the notified version of the Proposed District Plan (PDP) above those recommended in the Officer's s42a evidence report.

## 2. Hearing Panel's Questions to the s42a Reporting Officer and Response

### **[1] Whether 24-hour industrial operations are sufficiently enabled in the objective and policies?**

- 2.1 Synlait, Fonterra and LPC have submitted evidence seeking greater policy enablement with respect to their operations which operate on a 24-hour basis and require their sites to be lit to enable efficient operation, and for health and safety purposes.
- 2.2 The submitters note that LIGHT-O1 enables 'work' but that this is a broad term and therefore they consider that the policies are key to explaining and understanding how light is to be enabled for 'work' purposes. The parties consider that amendments to LIGHT-P2 could be made or that a new policy could be introduced in recognition of their operations.
- 2.3 I now agree that the intention of LIGHT-P2 is three-fold: to provide for lighting associated with temporary activities, lighting associated with emergency response, and lighting to provide for health and safety. I consider that LIGHT-P2 could be amended to more clearly express the need to enable lighting associated with health and safety.
- 2.4 Including reference to lighting with an 'operational need' and 'functional need' was also considered but considered unnecessary as lighting required for health and safety purposes is inherently likely to also have a functional or operational need to establish in association with an activity. The reference to "people's health and safety" is considered to reflect the needs of 'work' activities such as 24-hour dairy processing operations, ports and agricultural activities which require lit operations primarily to satisfy health and safety requirements. It is also of note that LIGHT-MAT1 provides for consideration of whether the lighting is necessary to provide for the safe operation of sites, security for buildings, and to enhance the health, safety and wellbeing of people. Therefore, I propose amendment to LIGHT-P2 as follows:

*Enable artificial outdoor lighting of short duration outside of daylight hours associated with temporary activities, and artificial outdoor lighting for the purpose of emergency response, and that which is required to provide for people's health and safety.*

- 2.5 On this basis I consider LIGHT-P1 can remain as drafted (subject to the recommended minor s42A Report Appendix 2 amendment) as the 'managing' policy with respect to managing the effects of light spill and glare on adjoining sites, and LIGHT-P2 is the 'enabling' policy.
- 2.6 It is also considered that this amendment would provide adequate recognition for 'work' activities such as agricultural and rural production which require lighting for health and safety purposes as raised in the evidence of Hort NZ and Federated Farmers.

### **[2] Could LIGHT-P1 be changed to provide for more enabling recognition and leave LIGHT-P2 as it stands?**

- 2.7 As noted in the response above, it is considered preferable to amend LIGHT-P2 so there is a

clear distinction between the management and enablement policies, i.e., LIGHT-P1 addresses management of the effects of light spill and glare on adjoining sites and roads, and LIGHT-P2 enables lighting associated with temporary activities, emergency response, and lighting required to provide for people's health and safety.

- 2.8 If LIGHT-P1 was amended it would have a management component and an enabling component. Whilst this could be achieved in drafting, it is considered less clear to interpret as opposed to keeping the policies separate.

**[3] Would Synlait's proposed amendment to LIGHT-P2 or the proposed new Fonterra and LPC policy be too enabling given LIGHT-P1 and the rule and rule requirement framework/restrictions?**

- 2.9 LIGHT-P1 is seeking to minimise light spill and glare, and the amendments sought by Synlait and Fonterra to LIGHT-P2 or via a new policy are enabling lighting associated with 24-hour business operations. The Panel noted that enabling lighting in association with 24-hour industry could result in a tension with LIGHT-P1 which is seeking to manage lighting to minimise light spill and glare commensurate with the lux levels (LIGHT-REQ1) and glare requirements (LIGHT-REQ2).
- 2.10 I consider that the changes proposed by Synlait, LPC and Fonterra to LIGHT-P2 are more enabling as they not only mention the health and safety requirements but would also enable lighting associated with 24-hour business operations regardless, which would then be difficult to balance with LIGHT-P1 in assessing an application. By virtue of being a 24-hour business should not then enable all associated lighting. It is reasonable to be enabled if it is required for health and safety purposes, which can then be more readily balanced with LIGHT-P1 when an assessment is undertaken as part of a resource consent process.

**[4] How were the lux levels in LIGHT-TABLE1 devised, specifically in regard to spill from the DPZ and PORTZ into the GRUZ?**

- 2.11 The lux levels in LIGHT-TABLE1 are based on AS/NZS4282:2019. AS/NZS4282:2019 is explained at paragraphs 5.1-5.6 of Mr Muir's evidence. AS/NZS4282:2019 identifies Environmental Zones in Table 3.1, which in turn correlate with what is the most appropriate zone under the PDP, which is the basis for the lux levels.
- 2.12 GRUZ has been identified as a 'Low District Brightness' Area and as such light spill levels of 1 lux between 2200-0600 and 5 lux between 0600-2200 have been applied commensurate with AS/NZS4282:2019. In Selwyn it is also recognised that there are large established important infrastructure operators such as the dairy processing plants and the Ports, as well as the well-established Porters Ski Field which are all within Special Purpose Zones within rural environments. With respect to these activities, a higher lux level of 3 lux between 2200 and 0600 received within the adjoining GRUZ sites is considered appropriate in recognition of these established operators. Therefore, greater leniency has been afforded with respect to the permitted light spill level in association with these special purpose zones (DPZ, PORTZ, SKIZ) compared to the GRUZ generally.
- 2.13 Synlait consider that manufacturing and processing activities are not adequately recognised in LIGHT-TABLE1 and request an increase of the DPZ lux levels to the same as PORTZ and made mention of 10 lux at the Hearing. The light spill lux levels are measured on adjoining sites.

Both DPZ and PORTZ are required to comply with 3 lux/5 lux on adjoining GRUZ sites. Therefore, the applicable lux levels which apply to DPZ and PORTZ are already the same so there appears to be some confusion with how LIGHT-TABLE1 is applied.

- 2.14 PORTZ is also required to ensure their lux levels do not exceed 5 lux and 25 lux on adjoining CMUZ or GIZ sites given the Ports are adjoined by zones other than GRUZ. As DPZ is only adjoined by GRUZ no such equivalent lux level applies to DPZ.
- 2.15 Mr Ewan Chapman and Mr Yves Denicourt also referenced the established Kiwirail/Synlait rail siding as an example to illustrate that Synlait required resource consent for lighting associated with the rail siding for an exceedance of the permitted lux levels in the adjoining rural zone. They noted that under the PDP similar lighting developments would also require resource consent and that the lighting within the Synlait site is driven by the Health & Safety Act. They requested that the PDP 'dovetail' with health and safety requirements which can necessitate higher levels of lighting than what the PDP permits.
- 2.16 I have reviewed the consents associated with the Kiwirail/Synlait rail siding lighting. The original consent stated that lighting would be designed to comply so was assessed as permitted (RC195198). Once the detailed design confirmed compliance was not able to be achieved, a resource consent was sought for lighting which exceeds the permitted light spill level of 3 lux within the adjoining rural zoned land (RC215115). The proposal was for 15 x 14m high lights resulting in 16 lux at an adjacent water race and 6 lux at the rail corridor. The proposal was assessed as a restricted discretionary activity under the Operative Plan (which is the same activity status under the PDP), and consent was granted in March 2021 on a non-notified basis with no written approvals. An Outline Plan Waiver was also granted for two 8m high light poles within the Kiwirail designated railway corridor (215111). It is of note that light spill with respect to habitable buildings was not an issue with this consent. Therefore, the rail siding lighting has existing use rights, and the consent process was not complex.
- 2.17 However; Synlait remain concerned that if they were to upgrade the rail siding lighting in the future or establish some other activity requiring lighting near other site boundaries closer to sensitive activities that a consent process would be more complex, hence their request for a higher lux level and more enabling policy.
- 2.18 As was noted in the Hearing by the Panel, even if a higher lux level of 10 were applied within GRUZ adjoining DPZ, a development such as the rail siding lighting would not comply and would need resource consent. I concur and consider that the lux levels have been appropriately set in line with AS/NZS and that greater leniency has already been afforded in recognition of the established nature of the DPZ important infrastructure, and that this is an appropriate threshold to manage lighting effects, including potential effects on surrounding sensitive land uses. The restricted discretionary activity status and the matters for discretion enable the necessity of the lighting and the health and safety requirements to be considered, whilst still balancing the need to manage the effects on the amenity of adjoining rural landowners.
- 2.19 Overall, I do not consider any amendment to the lux level within the GRUZ adjoining DPZ is justified, and it also appears such an amendment is not within scope as Synlait did not submit on LIGHT-REQ1.

### 3. Clarification regarding matters raised in evidence

#### [1] Clarification regarding where light spill is measured from

- 3.1 Ms Amy Clark raised in evidence for RWRL, RIDL, RIHL, and IRHL that LIGHT-REQ1 which manages light spill onto adjoining sites requires compliance to be measured at the boundary, rather than at a notional boundary or other specified distance. The evidence is seeking amendment that in the GRUZ, light spill be measured at a notional boundary being *“within a line 20 metres from any side of a residential unit or other building used for a sensitive activity, or the legal boundary where this is closer to such a building.”*
- 3.2 LIGHT-REQ1 does not specifically state that light spill is measured at the boundary but does refer to light spill meeting lux levels specified “on an adjoining site”, the closest point of which is the adjoining site boundary. The intention was that the measurement point would be determined by AS/NZS4282:2019, so it is agreed that the current wording is not clear enough.
- 3.3 Mr Muir addresses this matter in his evidence at paragraphs 6.7-6.9 and disagrees with the change sought by RWRL, RIDL, RIHL, and IRHL as it is not always possible to know the use and activities of an adjoining site and AS/NZS4282:2019 describes where and when the calculation plane to assess light spill is to be taken. The measurement point is typically 10m from the boundary or on the ‘regulatory building line’ if located closer than 10m from the boundary. Applying a 20m notional boundary would be more lenient and inconsistent with AS/NZS4282:2019.
- 3.4 It is of note that in the GRUZ a 5m setback from internal boundaries is required for structures, and therefore the proposed provision sought by the submitter would also be significantly more lenient than the permitted building setback.
- 3.5 However; it is agreed that LIGHT-REQ1 needs to be more specific about where light is to be measured from, and where that measurement should be taken within an adjoining site for each zone has also been considered further. It is of note that the Christchurch District Plan measures light spill 2 metres within the boundary of any adjacent site (Rule 6.3.6), as does the Proposed Waimakariri District Plan (LIGHT-S1). AS/NZS4282:2019 provides for more detailed assessment in that it considers existing built development and zone setbacks rather than simply setting an arbitrary measurement line of 2m across all zones, i.e., assessment is to be made at the face of the habitable building where within 10m from the boundary, and where the regulatory building setback is less than 10m from the boundary then it is measured at that setback (i.e., 5m in the GRUZ).
- 3.6 There are four options regarding the measurement point:
  - (i) Revise the existing rule so it is clearer that measurement of light spill is in accordance with AS/NZS4282:2019 and not at the boundary. The PDP does not currently reference AS/NZS4282:2019 but the intention was that the standard would be referred to as typically lighting engineers are involved in such applications. An advisory note could be added to the Plan to reference AS/NZS4282:2019 to make this clear;
  - (ii) Translate the standard into detailed measurement wording in the Plan; i.e. at the face of the habitable building where within 10m from the boundary, and where the regulatory building setback is less than 10m from the boundary then it is measured at that setback (i.e., 5m in the GRUZ).

(iii) Apply an arbitrary measurement line (i.e., 2m) within the adjoining site across all zones consistent with the approach taken by other Plans;

(iv) Apply a measurement line consistent with each zones building setback requirement (i.e., 5m in GRUZ).

- 3.7 In my view setting an arbitrary line (option (iii)) is the least preferred option as it is inconsistent with the Standard and option (iv) is also a blunt tool which does not recognise existing habitable development. Option (ii) is essentially the same as option (i) but the wording from the Standard is translated into the Plan. As the wording is detailed the simplest option is considered to be reference to the Standard. It is also of note that typically a lighting engineer would be involved in any significant lighting installations who are familiar with AS/NZS4282:2019 and its application. Therefore, in my view the best option is option (i) as was originally intended for simplicity of understanding, but with an advisory note added to LIGHT-REQ1 to refer to AS/NZS4282:2019 in terms of measurement.

**Advisory note: Measurement of light spill is to be undertaken in accordance with AS/NZS 4282:2019 Control of the obtrusive effects of outdoor lighting**

## **[2] LIGHT-REQ3 and provision for lifeline utilities**

- 3.8 Ms Melanie Foote has raised in evidence for Orion that LIGHT-REQ3.7 restricts any new or upgraded substations that are in ONL's and VAL's from operating between 2200 and 0600. Orion has existing substations at Castle Hill and Arthurs Pass within an ONL. Future upgrades or any new substation would require a resource consent to operate security and motion sensor lighting. It is of note that substations are subject to EI-R21 and are permitted subject to a range of rule requirements including EI-REQ11 Light which applies LIGHT-R1, LIGHT-R2 and LIGHT-R4. LIGHT-R1 in turn refers to LIGHT-REQ1, LIGHT-REQ2 and LIGHT-REQ3.
- 3.9 LIGHT-REQ3.7 excludes public amenity buildings so as not to capture lighting associated with the likes of public toilet buildings that needs to operate at night for safety reasons. Orion is requesting that the wording be extended to also exclude lighting associated with 'the activities of lifeline utilities'. 'Lifeline utility' is defined in the Plan and in turn refers to the Civil Defence and Emergency Management Act 2002. Lifeline utilities include airports, ports and a range of utility providers of gas, electricity, water, wastewater, telecommunications, roading, petroleum products, and rail networks or services. This is a broad list and whilst most of such providers are not located with an ONL, VAL, Coastal Environment or the West Melton Observatory Lighting Area, this amendment would mean that all such providers could establish facilities with continuous light in these sensitive areas.
- 3.10 Therefore, as an alternative to Orion's suggestion, an amendment is proposed that restricts such lighting associated with lifeline utilities to security and temporary motion activated lighting, which Orion notes is a requirement across their substations. This would then provide additional flexibility for such lighting, but ensures it is not a continuous light source within these sensitive environments. Public amenity buildings require the ability to provide continuous lighting for public security and safety purposes, i.e., public toilet buildings and therefore this part of the rule is not proposed to be restricted to temporary motion activated lighting (as per the notified version).

*All non-residential artificial outdoor lighting, excluding any lighting associated with public*

*amenity buildings and temporary motion activated lighting associated with lifeline utility buildings, both of which is required ~~that require lighting~~ for security and safety purposes, shall not operate between 2200 and 0600.*

- 3.11 However; there is a question of scope which is further explained at paragraph 4.9.

### **[3] LIGHT-REQ3 and provision for lifeline utilities**

- 3.12 Ms Lynette Wharfe supports the recommended amendments to exclude rural production activities from LIGHT-REQ3.7 but seeks that the defined term 'rural production' is used rather than agricultural, pastoral and horticultural activities as is recommended in the amendment.
- 3.13 The defined term 'rural production' was considered when considering amendment to LIGHT-REQ3.7 but was considered too broad as is noted in the s42a report as it also provides for aquaculture and forestry activities and includes initial processing as an ancillary activity of commodities and any land and buildings used for the initial processing of commodities. The evidence seeks flexibility with respect to agricultural, pastoral and horticultural activities, but not aquaculture or forestry (which is also regulated by the NES-PF) and therefore use of the defined term is not recommended in this instance.

## **4. Reporting Officer's Proposed Provision Amendments**

- 4.1 On review of the submitter's evidence and the matters raised within the Hearing the following amendments to the proposed provisions are recommended. Note that the amendments as recommended in the s42a evidence are included but are not shown as underlined text or strikethrough. For a full summary of all the proposed amendments to provisions see **Appendix 2**.

### **LIGHT-P2**

- 4.2 *Enable artificial outdoor lighting of short duration outside of daylight hours associated with temporary activities, and artificial outdoor for the purpose of emergency response, and that which is required to provide for people's health and safety.*

*Submission scope:*

- 4.3 Scope is provided for this proposed amendment through the Fonterra, Synlait and LPC submission points, DPR-370.061, DPR-420.009 and DPR-453.049, respectively.

*Reasoning:*

- 4.4 The change is explained at paragraphs 2.1-2.6. No s32AA assessment is deemed necessary.

### **LIGHT-REQ1**

- 4.5 **Advisory note: Measurement of light spill is to be undertaken in accordance with AS/NZS 4282:2019 Control of the obtrusive effects of outdoor lighting**

*Submission scope:*

- 4.6 Scope is provided for this proposed amendment through RWRL, IRHL, RIHL and RIDL's submission points DPR-358.269, DPR-363.258, DPR374.264, and DPR-384.276 respectively.



*Reasoning:*

- 4.7 The change is explained at paragraphs 3.1-3.7. No s32AA assessment is deemed necessary.

**LIGHT-REQ3.7**

- 4.8 *All non-residential artificial outdoor lighting, excluding any lighting associated with public amenity buildings and temporary motion activated lighting associated with lifeline utility buildings, both of which is required that require lighting for security and safety purposes, shall not operate between 2200 and 0600.*

*Submission scope:*

- 4.9 Orion did not originally submit on LIGHT-REQ3 and therefore do not appear to have scope for the proposed amendment. While I agree with the amendment, I am unable to recommend that it be accepted due to the scope issue, and such a change will need to be addressed by way of a plan change.

*Reasoning:*

- 4.10 The change is explained at paragraphs 3.8-3.11. No s32AA assessment is deemed necessary.

# Appendix 1: Updated Tables of Submission Points

Amendments to this table from that included in the s42a report are highlighted below.

## Appendix 1: Table of Submission Points

Submitter ID	Submitter Name	Submission Point	Plan Reference	Position	Decision Requested	Recommendation	Section of Report
DPR-0019	Sue Jarvis	002	LIGHT-R3	Support In Part	Not specified	Accept in part	15
DPR-0068	MetroPort Christchurch (MetroPort)	017	LIGHT-REQ1	Oppose	Amend this provision so that the 2200 to 0600 level for the Port Zone is 10 lux where it adjoins the General Industrial Zone, which is more appropriate standard.	Reject	18
<i>DPR-0358</i>	<i>Rolleston West Residential Limited (RWRL)</i>	<i>FS154</i>	<i>LIGHT-REQ1</i>	<i>Support</i>	<i>Adopt</i>	<i>Reject</i>	<i>18</i>
<i>DPR-0363</i>	<i>Iport Rolleston Holdings Limited (IRHL)</i>	<i>FS154</i>	<i>LIGHT-REQ1</i>	<i>Support</i>	<i>Adopt</i>	<i>Reject</i>	<i>18</i>
<i>DPR-0374</i>	<i>Rolleston Industrial Holdings Limited (RIHL)</i>	<i>FS154</i>	<i>LIGHT-REQ1</i>	<i>Support</i>	<i>Adopt</i>	<i>Reject</i>	<i>18</i>
<i>DPR-0384</i>	<i>Rolleston Industrial Developments Limited (RIDL)</i>	<i>FS154</i>	<i>LIGHT-REQ1</i>	<i>Support</i>	<i>Adopt</i>	<i>Reject</i>	<i>18</i>

Submitter ID	Submitter Name	Submission Point	Plan Reference	Position	Decision Requested	Recommendation	Section of Report
DPR-0453	Midland Port, Lyttelton Port Company Limited	FS002	LIGHT-REQ1	Support	Approve	Reject	18
DPR-0104	Lukas Travnicek	008	LIGHT-REQ3	Oppose	Delete application of this rule requirement (inferred to be in relation to LIGHT-REQ3) to ONL areas.	Accept in part	20
DPR-0301	Upper Waimakariri/Rakia Group (UWRG)	FS012	LIGHT-REQ3	Oppose	Disallow in full	Reject	20
DPR-0407	Royal Forest & Bird Protection Society of New Zealand Inc. (Forest & Bird)	FS560	LIGHT-REQ3	Oppose	Reject the submission	Reject	20
DPR-0116	Robert Glassey	001	LIGHT-O1	Support	Retain as notified.	Accept in part	9
DPR-0301	Upper Waimakariri/Rakia Group (UWRG)	FS013	LIGHT-O1	Support	Allow in full	Accept in part	9
DPR-0415	Fulton Hogan Limited	FS030	LIGHT-O1	Oppose	Disallow the submission.	Reject	9
DPR-0422	Federated Farmers of New Zealand - North Canterbury	FS155	LIGHT-O1	Oppose	Disallow the submission point	Reject	9

Submitter ID	Submitter Name	Submission Point	Plan Reference	Position	Decision Requested	Recommendation	Section of Report
DPR-0460	Marama Te Wai Ltd	FS006	LIGHT-O1	Support	Include the rules as proposed and in particular foster adoption of new LED technologies to do so	Accept in part	9
DPR-0578	Elene (Helen) Anderson	FS001	LIGHT-O1	Support	All submission points to be allowed in full.	Accept in part	9
DPR-0116	Robert Glassey	002	LIGHT-P1	Support	Retain as notified.	Accept in part	10
DPR-0415	Fulton Hogan Limited	FS031	LIGHT-P1	Oppose	Disallow the submission.	Reject	10
DPR-0422	Federated Farmers of New Zealand - North Canterbury	FS156	LIGHT-P1	Oppose	Disallow the submission point	Reject	10
DPR-0460	Marama Te Wai Ltd	FS007	LIGHT-P1	Support	Include the rules as proposed and in particular foster adoption of new LED technologies to do so	Accept in part	10
DPR-0578	Elene (Helen) Anderson	FS002	LIGHT-P1	Support	All submission points to be allowed in full.	Accept in part	10
DPR-0116	Robert Glassey	003	LIGHT-P2	Support	Retain as notified.	Accept in part	11
DPR-0415	Fulton Hogan Limited	FS032	LIGHT-P2	Oppose	Disallow the submission.	Reject	11
DPR-0460	Marama Te Wai Ltd	FS008	LIGHT-P2	Support	Include the rules as proposed and in particular foster adoption of new LED technologies to do so	Accept in part	11

Submitter ID	Submitter Name	Submission Point	Plan Reference	Position	Decision Requested	Recommendation	Section of Report
DPR-0578	Elene (Helen) Anderson	FS003	LIGHT-P2	Support	All submission points to be allowed in full.	Accept in part	11
DPR-0116	Robert Glassey	004	LIGHT-P3	Support	Generally retain, however consider explicitly defining the night sky as the stars and the Milky Way.	Accept in part	12
DPR-0301	Upper Waimakariri/Rakaia Group (UWRG)	FS014	LIGHT-P3	Support	Allow in full	Accept in part	12
DPR-0415	Fulton Hogan Limited	FS033	LIGHT-P3	Oppose	Disallow the submission.	Reject	12
DPR-0460	Marama Te Wai Ltd	FS009	LIGHT-P3	Support	Include the rules as proposed and in particular foster adoption of new LED technologies to do so	Accept in part	12
DPR-0578	Elene (Helen) Anderson	FS004	LIGHT-P3	Support	All submission points to be allowed in full.	Accept in part	12
DPR-0116	Robert Glassey	005	LIGHT-R1	Support	Retain as notified.	Accept	13
DPR-0415	Fulton Hogan Limited	FS034	LIGHT-R1	Oppose	Disallow the submission.	Reject	13
DPR-0460	Marama Te Wai Ltd	FS010	LIGHT-R1	Support	Include the rules as proposed and in particular foster adoption of new LED technologies to do so	Accept in part	13
DPR-0578	Elene (Helen) Anderson	FS005	LIGHT-R1	Support	All submission points to be allowed in full.	Accept	13
DPR-0116	Robert Glassey	006	LIGHT-R2	Support	Retain as notified.	Accept	14

Submitter ID	Submitter Name	Submission Point	Plan Reference	Position	Decision Requested	Recommendation	Section of Report
DPR-0415	Fulton Hogan Limited	FS035	LIGHT-R2	Oppose	Disallow the submission.	Reject	14
DPR-0460	Marama Te Wai Ltd	FS011	LIGHT-R2	Support	Include the rules as proposed and in particular foster adoption of new LED technologies to do so	Accept in part	14
DPR-0578	Elene (Helen) Anderson	FS006	LIGHT-R2	Support	All submission points to be allowed in full.	Accept	14
DPR-0116	Robert Glassey	007	LIGHT-R3	Support	Retain as notified.	Accept in part	15
DPR-0415	Fulton Hogan Limited	FS036	LIGHT-R3	Oppose	Disallow the submission.	Reject	15
DPR-0460	Marama Te Wai Ltd	FS012	LIGHT-R3	Support	Include the rules as proposed and in particular foster adoption of new LED technologies to do so	Accept in part	15
DPR-0578	Elene (Helen) Anderson	FS007	LIGHT-R3	Support	All submission points to be allowed in full.	Accept in part	15
DPR-0116	Robert Glassey	008	LIGHT-R4	Support	Retain as notified.	Accept	16
DPR-0415	Fulton Hogan Limited	FS037	LIGHT-R4	Oppose	Disallow the submission.	Reject	16
DPR-0460	Marama Te Wai Ltd	FS013	LIGHT-R4	Support	Include the rules as proposed and in particular foster adoption of new LED technologies to do so	Accept in part	16
DPR-0578	Elene (Helen) Anderson	FS008	LIGHT-R4	Support	All submission points to be allowed in full.	Accept	16

Submitter ID	Submitter Name	Submission Point	Plan Reference	Position	Decision Requested	Recommendation	Section of Report
DPR-0116	Robert Glassey	009	LIGHT-R5	Support	Retain as notified.	Accept in part	17
DPR-0415	Fulton Hogan Limited	FS038	LIGHT-R5	Oppose	Disallow the submission.	Reject	17
DPR-0460	Marama Te Wai Ltd	FS014	LIGHT-R5	Support	Include the rules as proposed and in particular foster adoption of new LED technologies to do so	Accept in part	17
DPR-0578	Elene (Helen) Anderson	FS009	LIGHT-R5	Support	All submission points to be allowed in full.	Accept in part	17
DPR-0116	Robert Glassey	010	LIGHT-REQ3	Support	Retain as notified.	Accept	20
DPR-0301	Upper Waimakariri/Rakaia Group (UWRG)	FS015	LIGHT-REQ3	Support	Allow in full	Accept	20
DPR-0415	Fulton Hogan Limited	FS039	LIGHT-REQ3	Oppose	Disallow the submission.	Reject	20
DPR-0460	Marama Te Wai Ltd	FS015	LIGHT-REQ3	Support	Include the rules as proposed and in particular foster adoption of new LED technologies to do so	Accept in part	20
DPR-0578	Elene (Helen) Anderson	FS010	LIGHT-REQ3	Support	All submission points to be allowed in full.	Accept	20
DPR-0116	Robert Glassey	011	LIGHT-REQ3	Support	Retain as notified.	Accept	20



Submitter ID	Submitter Name	Submission Point	Plan Reference	Position	Decision Requested	Recommendation	Section of Report
DPR-0415	Fulton Hogan Limited	FS040	LIGHT-REQ3	Oppose	Disallow the submission.	Reject	20
DPR-0460	Marama Te Wai Ltd	FS016	LIGHT-REQ3	Support	Include the rules as proposed and in particular foster adoption of new LED technologies to do so	Accept in part	20
DPR-0578	Elene (Helen) Anderson	FS011	LIGHT-REQ3	Support	All submission points to be allowed in full.	Accept	20
DPR-0116	Robert Glassey	012	LIGHT-REQ3	Support	Retain as notified.	Accept in part	20
DPR-0415	Fulton Hogan Limited	FS041	LIGHT-REQ3	Oppose	Disallow the submission.	Reject	20
DPR-0460	Marama Te Wai Ltd	FS017	LIGHT-REQ3	Support	Include the rules as proposed and in particular foster adoption of new LED technologies to do so	Accept in part	20
DPR-0578	Elene (Helen) Anderson	FS012	LIGHT-REQ3	Support	All submission points to be allowed in full.	Accept in part	20
DPR-0116	Robert Glassey	013	LIGHT-REQ4	Support	Retain as notified.	Accept	21
DPR-0415	Fulton Hogan Limited	FS042	LIGHT-REQ4	Oppose	Disallow the submission.	Reject	21
DPR-0460	Marama Te Wai Ltd	FS018	LIGHT-REQ4	Support	Include the rules as proposed and in particular foster adoption of new LED technologies to do so	Accept in part	21

Submitter ID	Submitter Name	Submission Point	Plan Reference	Position	Decision Requested	Recommendation	Section of Report
DPR-0578	Elene (Helen) Anderson	FS013	LIGHT-REQ4	Support	All submission points to be allowed in full.	Accept	21
DPR-0116	Robert Glassey	014	LIGHT-REQ5	Support	Retain as notified.	Accept	22
DPR-0415	Fulton Hogan Limited	FS043	LIGHT-REQ5	Oppose	Disallow the submission.	Reject	22
DPR-0460	Marama Te Wai Ltd	FS019	LIGHT-REQ5	Support	Include the rules as proposed and in particular foster adoption of new LED technologies to do so	Accept in part	22
DPR-0578	Elene (Helen) Anderson	FS014	LIGHT-REQ5	Support	All submission points to be allowed in full.	Accept	22
DPR-0116	Robert Glassey	015	LIGHT-MAT3	Support	Retain as notified.	Accept in part	25
DPR-0415	Fulton Hogan Limited	FS044	LIGHT-MAT3	Oppose	Disallow the submission.	Reject	25
DPR-0460	Marama Te Wai Ltd	FS020	LIGHT-MAT3	Support	Include the rules as proposed and in particular foster adoption of new LED technologies to do so	Accept in part	25
DPR-0578	Elene (Helen) Anderson	FS015	LIGHT-MAT3	Support	All submission points to be allowed in full.	Accept in part	25
DPR-0116	Robert Glassey	016	New	Neither Support	Insert a map of the West Melton Observatory Lighting Area (WMOLA) into the planning maps. The extent of the WMOLA should be set at a 10km radius from the site of	Accept in part	26

Submitter ID	Submitter Name	Submission Point	Plan Reference	Position	Decision Requested	Recommendation	Section of Report
				Nor Oppose	the West Melton Observatory (increased from the current 5km in the operative plan).		
DPR-0415	Fulton Hogan Limited	FS045	New	Oppose	Disallow the submission.	Reject	26
DPR-0422	Federated Farmers of New Zealand - North Canterbury	FS154	New	Oppose	Disallow the submission point	Reject	26
DPR-0453	Midland Port, Lyttelton Port Company Limited	FS036	New	Oppose	Reject	Reject	26
DPR-0460	Marama Te Wai Ltd	FS021	New	Support	Include the rules as proposed and in particular foster adoption of new LED technologies to do so	Accept in part	26
DPR-0578	Elene (Helen) Anderson	FS016	New	Support	All submission points to be allowed in full.	Accept in part	26
DPR-0142	New Zealand Pork Industry Board (NZ Pork)	034	LIGHT-O1	Support In Part	Amend LIGHT-O1 as follows: Artificial outdoor lighting enables work, <u>rural production</u> , recreation...	Reject	9
DPR-0372	Dairy Holdings Limited	FS005	LIGHT-O1	Support	Accept the submission.	Reject	9
DPR-0422	Federated Farmers of New	FS157	LIGHT-O1	Support	Allow the submission point	Reject	9

Submitter ID	Submitter Name	Submission Point	Plan Reference	Position	Decision Requested	Recommendation	Section of Report
	<i>Zealand - North Canterbury</i>						
DPR-0159	Lincoln Envirotown Trust	005	LIGHT	Neither Support Nor Oppose	Not specifically stated.	Reject	8
DPR-0207	Selwyn District Council	106	New	Support	Insert the West Melton Observatory Lighting Control Area Map and include in the list of Map Tools as the 'West Melton Observatory Lighting Area Overlay' under the General District-Wide Matters tab.	Accept	26
<i>DPR-0578</i>	<i>Elene (Helen) Anderson</i>	<i>FS017</i>	<i>New</i>	<i>Support</i>	<i>Submission point to be allowed in full.</i>	<i>Accept</i>	<i>26</i>
DPR-0215	Winstone Aggregates	042	LIGHT-P3	Support	Amend as follows: Minimise potential upward light that causes sky glow by controlling new artificial outdoor lighting to: .. 4. ensure the safe and efficient operation of roads and public pedestrian access, and public sports courts, and grounds while minimising sky glow.	Accept in part	12
DPR-0255	Robert B Glassey	001	New	Neither Support Nor Oppose	Amend LIGHT policy and rules to address flashing lights from irrigators where they impact on adjoining properties and to the roading network, and to help restore the natural nightscape of the Canterbury Plains.	Reject	27

Submitter ID	Submitter Name	Submission Point	Plan Reference	Position	Decision Requested	Recommendation	Section of Report
DPR-0301	Upper Waimakariri/Rakaia Group (UWRG)	FS034	New	Support In Part	Allow in part	Reject	27
DPR-0372	Dairy Holdings Limited	FS026	New	Oppose	Reject the submission.	Accept	27
DPR-0388	Craigmore Farming Services Limited	FS003	New	Oppose	Reject the submission.	Accept	27
DPR-0415	Fulton Hogan Limited	FS046	New	Oppose	Disallow the submission.	Accept	27
DPR-0255	Robert B Glassey	002	New	Neither Support Nor Oppose	Amend LIGHT policy and rules to address flashing lights from irrigators where they impact on adjoining properties and to the roading network, and to help restore the natural nightscape of the Canterbury Plains.	Reject	27
DPR-0301	Upper Waimakariri/Rakaia Group (UWRG)	FS035	New	Support In Part	Allow in part	Reject	27
DPR-0415	Fulton Hogan Limited	FS047	New	Oppose	Disallow the submission.	Accept	27
DPR-0318	Susan Chaney	002	LIGHT-REQ2	Support In Part	Requests that glare be addressed as it can be dangerous whilst driving.	Accept in part	19

Submitter ID	Submitter Name	Submission Point	Plan Reference	Position	Decision Requested	Recommendation	Section of Report
DPR-0345	Porters Alpine Resort	029	LIGHT-P3	Oppose In Part	Amend LIGHT-P3 to read as follows, or wording of similar effect: Minimise potential upward light..... 4. ensure the safe and efficient operation of roads and public pedestrian access, and public sports courts, <del>and</del> grounds <u>and outdoor recreation areas</u> while minimising sky glow.	Reject	12
DPR-0407	Royal Forest & Bird Protection Society of New Zealand Inc. (Forest & Bird)	FS814	LIGHT-P3	Oppose	Reject the submissions	Accept	12
DPR-0345	Porters Alpine Resort	030	LIGHT-R3	Oppose In Part	Amend the title of LIGHT-R3 to read as: LIGHT-R3 Artificial Outdoor Lighting - Recreation Amend LIGHT-R3.1. to read as: 1. Artificial outdoor lighting for public sports courts, grounds, <u>ski and outdoor recreation areas</u> .	Reject	15
DPR-0391	Castle Hill Adventure Tours Limited	FS004	LIGHT-R3	Support	We wish the submission point to be allowed in full as requested by Porters Alpine Resort	Reject	15
DPR-0407	Royal Forest & Bird Protection Society of New Zealand Inc. (Forest & Bird)	FS815	LIGHT-R3	Oppose	Reject the submissions	Accept	15

Submitter ID	Submitter Name	Submission Point	Plan Reference	Position	Decision Requested	Recommendation	Section of Report
DPR-0345	Porters Alpine Resort	031	LIGHT-REQ5	Oppose In Part	Amend as follows: LIGHT-REQ5 Sky Glow – <del>Public Sports Courts and Grounds</del> <u>Outdoor Recreation</u>	Reject	22
DPR-0407	Royal Forest & Bird Protection Society of New Zealand Inc. (Forest & Bird)	FS816	LIGHT-REQ5	Oppose	Reject the submissions	Accept	22
DPR-0345	Porters Alpine Resort	032	LIGHT-MAT3	Oppose In Part	Amend as follows: <u>5. The appropriateness of the lighting to enable people to enjoy night-time outdoor recreation activities that can only be conducted in alpine environments.</u>	Accept in part	25
DPR-0407	Royal Forest & Bird Protection Society of New Zealand Inc. (Forest & Bird)	FS817	LIGHT-MAT3	Oppose	Reject the submissions	Accept	25
DPR-0353	Horticulture New Zealand	210	LIGHT-O1	Oppose In Part	Amend as follows: Artificial outdoor lighting enables work, <u>rural production</u> , recreation, and entertainment activities to occur beyond daylight hours, while....	Reject	9
DPR-0372	Dairy Holdings Limited	FS044	LIGHT-O1	Support	Accept the submission.	Reject	9

Submitter ID	Submitter Name	Submission Point	Plan Reference	Position	Decision Requested	Recommendation	Section of Report
DPR-0353	Horticulture New Zealand	211	LIGHT-REQ3	Oppose In Part	Amend as follows: 7. All non-residential artificial outdoor lighting, excluding <u>primary production</u> and public amenity buildings that require lighting for security and safety purposes shall not operate between 2200 and 0600.	Accept in part	20
DPR-0372	Dairy Holdings Limited	FS045	LIGHT-REQ3	Support	Accept the submission.	Accept in part	20
DPR-0388	Craigmore Farming Services Limited	FS013	LIGHT-REQ3	Support	Accept the submission.	Accept in part	20
DPR-0358	Rolleston West Residential Limited (RWRL)	258	LIGHT-Overview	Support In Part	Amend as follows: ... The provisions for artificial outdoor lighting provide for adequate lighting to support activities and enable safety and security, while <del>minimising</del> <u>managing</u> potential adverse effects.	Reject	8
DPR-0358	Rolleston West Residential Limited (RWRL)	259	LIGHT-O1	Support In Part	Retain as notified	Accept in part	9
DPR-0358	Rolleston West Residential Limited (RWRL)	260	LIGHT-P1	Support	Amend as follows: Manage new artificial outdoor lighting to <del>minimise</del> <u>manage</u> light spill and glare onto adjoining sites and glare onto roads to provide for the health and safety of people	Reject	10



Submitter ID	Submitter Name	Submission Point	Plan Reference	Position	Decision Requested	Recommendation	Section of Report
					and the safe and efficient operation of the land transport network.		
DPR-0358	Rolleston West Residential Limited (RWRL)	261	LIGHT-P2	Support	Retain as notified	Accept in part	11
DPR-0358	Rolleston West Residential Limited (RWRL)	262	LIGHT-P3	Support In Part	Amend as follows: <del>Minimise</del> <u>Manage</u> potential upward light that causes sky glow by controlling new artificial outdoor lighting to:...	Reject	12
DPR-0358	Rolleston West Residential Limited (RWRL)	263	LIGHT-R1	Support	Retain as notified	Accept	13
DPR-0358	Rolleston West Residential Limited (RWRL)	264	LIGHT-R2	Support	Retain as notified	Accept	14
DPR-0358	Rolleston West Residential Limited (RWRL)	265	LIGHT-R3	Support	Retain as notified	Accept in part	15
DPR-0358	Rolleston West Residential Limited (RWRL)	266	LIGHT-R4	Support	Retain as notified	Accept	16
DPR-0358	Rolleston West Residential Limited (RWRL)	267	LIGHT-R5	Support	Retain as notified	Accept in part	17

Submitter ID	Submitter Name	Submission Point	Plan Reference	Position	Decision Requested	Recommendation	Section of Report
DPR-0358	Rolleston West Residential Limited (RWRL)	268	LIGHT-REQ1	Support In Part	Amend this provision to provide more appropriate and achievable lux levels.	Reject	18
DPR-0358	Rolleston West Residential Limited (RWRL)	269	LIGHT-REQ1	Support In Part	Amend provision to state that levels be assessed from the 'notional boundary' or a point 20m from the side of any building used for a 'sensitive activity.'	Accept in part	18
DPR-0358	Rolleston West Residential Limited (RWRL)	270	LIGHT-REQ2	Support	Retain as notified	Accept in part	19
DPR-0358	Rolleston West Residential Limited (RWRL)	271	LIGHT-REQ3	Support	Retain as notified	Accept in part	20
DPR-0358	Rolleston West Residential Limited (RWRL)	272	LIGHT-REQ4	Support	Retain as notified	Accept	21
DPR-0358	Rolleston West Residential Limited (RWRL)	273	LIGHT-REQ5	Support	Retain as notified	Accept	22
DPR-0358	Rolleston West Residential Limited (RWRL)	274	LIGHT-MAT1	Support	Retain as notified	Accept in part	23

Submitter ID	Submitter Name	Submission Point	Plan Reference	Position	Decision Requested	Recommendation	Section of Report
DPR-0358	Rolleston West Residential Limited (RWRL)	275	LIGHT-MAT2	Support	Retain as notified	Accept in part	24
DPR-0358	Rolleston West Residential Limited (RWRL)	276	LIGHT-MAT3	Support	Retain as notified	Accept in part	25
DPR-0358	Rolleston West Residential Limited (RWRL)	417	Non-notification clauses	Oppose	Insert the following words, or words to the like effect, to all controlled and restricted discretionary activity rules: <u>Applications shall not be limited or publicly notified, on the basis of effects associated specifically with this rule and the associated matters of control or discretion.</u>	Reject	28
DPR-0032	Christchurch City Council	FS203	Non-notification clauses	Oppose In Part	Do not limit notification where neighbouring properties, communities, or the wider district are potentially directly affected and the adverse effects are potentially more than minor or where the Act requires notification.	Accept	28
DPR-0298	Trices Road Re-zoning Group	FS934	Non-notification clauses	Support	Accept submission	Reject	28
DPR-0371	Christchurch International Airport Limited	FS055	Non-notification clauses	Support In Part	Accept in part	Accept in part	28
DPR-0375	Waka Kotahi NZ Transport Agency	FS345	Non-notification clauses	Oppose	Retain relevant provisions without a non-notification clause.	Accept	28

Submitter ID	Submitter Name	Submission Point	Plan Reference	Position	Decision Requested	Recommendation	Section of Report
DPR-0414	Kāinga Ora - Homes & Communities	FS128	Non-notification clauses	Support	Not Specified	Reject	28
DPR-0453	Midland Port, Lyttelton Port Company Limited	FS055	Non-notification clauses	Support In Part	Accept in part	Accept in part	28
DPR-0456	Four Stars Development & Gould Developments Ltd	FS024	Non-notification clauses	Support	Accept submission	Reject	28
DPR-0363	Iport Rolleston Holdings Limited (IRHL)	247	LIGHT-Overview	Support In Part	Amend as follows: ... The provisions for artificial outdoor lighting provide for adequate lighting to support activities and enable safety and security, while <del>minimising</del> <u>managing</u> potential adverse effects.	Reject	8
DPR-0363	Iport Rolleston Holdings Limited (IRHL)	248	LIGHT-O1	Support In Part	Retain as notified	Accept in part	9
DPR-0363	Iport Rolleston Holdings Limited (IRHL)	249	LIGHT-P1	Support	Amend as follows: Manage new artificial outdoor lighting to <del>minimise</del> <u>manage</u> light spill and glare onto adjoining sites and glare onto roads to provide for the health and safety of people	Reject	10

Submitter ID	Submitter Name	Submission Point	Plan Reference	Position	Decision Requested	Recommendation	Section of Report
					and the safe and efficient operation of the land transport network.		
DPR-0363	Iport Rolleston Holdings Limited (IRHL)	250	LIGHT-P2	Support	Retain as notified	Accept in part	11
DPR-0363	Iport Rolleston Holdings Limited (IRHL)	251	LIGHT-P3	Support In Part	Amend as follows: <del>Minimise</del> <u>Manage</u> potential upward light that causes sky glow by controlling new artificial outdoor lighting to:...	Reject	12
DPR-0363	Iport Rolleston Holdings Limited (IRHL)	252	LIGHT-R1	Support	Retain as notified	Accept	13
DPR-0363	Iport Rolleston Holdings Limited (IRHL)	253	LIGHT-R2	Support	Retain as notified	Accept	14
DPR-0363	Iport Rolleston Holdings Limited (IRHL)	254	LIGHT-R3	Support	Retain as notified	Accept in part	15
DPR-0363	Iport Rolleston Holdings Limited (IRHL)	255	LIGHT-R4	Support	Retain as notified	Accept	16
DPR-0363	Iport Rolleston Holdings Limited (IRHL)	256	LIGHT-R5	Support	Retain as notified	Accept in part	17

Submitter ID	Submitter Name	Submission Point	Plan Reference	Position	Decision Requested	Recommendation	Section of Report
DPR-0363	Iport Rolleston Holdings Limited (IRHL)	257	LIGHT-REQ1	Support In Part	Amend this provision to provide more appropriate and achievable lux levels.	Reject	18
DPR-0363	Iport Rolleston Holdings Limited (IRHL)	258	LIGHT-REQ1	Support In Part	Amend provision to state that levels be assessed from the 'notional boundary' or a point 20m from the side of any building used for a 'sensitive activity.'	Accept in part	18
DPR-0363	Iport Rolleston Holdings Limited (IRHL)	259	LIGHT-REQ2	Support	Retain as notified	Accept in part	19
DPR-0363	Iport Rolleston Holdings Limited (IRHL)	260	LIGHT-REQ3	Support	Retain as notified	Accept in part	20
DPR-0363	Iport Rolleston Holdings Limited (IRHL)	261	LIGHT-REQ4	Support	Retain as notified	Accept	21
DPR-0363	Iport Rolleston Holdings Limited (IRHL)	262	LIGHT-REQ5	Support	Retain as notified	Accept	22
DPR-0363	Iport Rolleston Holdings Limited (IRHL)	263	LIGHT-MAT1	Support	Retain as notified	Accept in part	23

Submitter ID	Submitter Name	Submission Point	Plan Reference	Position	Decision Requested	Recommendation	Section of Report
DPR-0363	Iport Rolleston Holdings Limited (IRHL)	264	LIGHT-MAT2	Support	Retain as notified	Accept in part	24
DPR-0363	Iport Rolleston Holdings Limited (IRHL)	265	LIGHT-MAT3	Support	Retain as notified	Accept in part	25
DPR-0363	Iport Rolleston Holdings Limited (IRHL)	437	Non-notification clauses	Oppose	Insert the following words, or words to the like effect, to all controlled and restricted discretionary activity rules: <u>Applications shall not be limited or publicly notified, on the basis of effects associated specifically with this rule and the associated matters of control or discretion.</u>	Reject	28
DPR-0032	Christchurch City Council	FS232	Non-notification clauses	Oppose In Part	Do not limit notification where neighbouring properties, communities, or the wider district are potentially directly affected and the adverse effects are potentially more than minor or where the Act requires notification.	Accept	28
DPR-0298	Trices Road Re-zoning Group	FS963	Non-notification clauses	Support	Accept submission	Reject	28
DPR-0371	Christchurch International Airport Limited	FS153	Non-notification clauses	Support In Part	Accept in part	Accept in part	28
DPR-0375	Waka Kotahi NZ Transport Agency	FS346	Non-notification clauses	Oppose	Retain relevant provisions without a non-notification clause.	Accept	28

Submitter ID	Submitter Name	Submission Point	Plan Reference	Position	Decision Requested	Recommendation	Section of Report
DPR-0414	Kāinga Ora - Homes & Communities	FS157	Non-notification clauses	Support	Not Specified	Reject	28
DPR-0422	Federated Farmers of New Zealand - North Canterbury	FS210	Non-notification clauses	Support In Part	Allow the submission on controlled activity. Disallow the submission point that notification is not required for all restricted discretionary applications.	Accept in part	28
DPR-0453	Midland Port, Lyttelton Port Company Limited	FS151	Non-notification clauses	Support In Part	Accept in part	Accept in part	28
DPR-0456	Four Stars Development & Gould Developments Ltd	FS053	Non-notification clauses	Support	Accept submission	Reject	28
DPR-0365	Stuart PC Limited	036	LIGHT-P1	Oppose	Amend to recognise that Industrial Activities need lighting provisions that enable their operation to be effective and efficient and also to protect such activities from reverse sensitivity effects.	Reject	10
DPR-0365	Stuart PC Limited	037	LIGHT-P2	Oppose	Amend policies to recognise that Industrial Activities need to lighting provisions that enable their operation to be effective and efficient and also to protect such activities from reverse sensitivity effects.	Reject	11
DPR-0365	Stuart PC Limited	038	LIGHT-P3	Oppose	Amend policies to recognise that Industrial Activities need to lighting provisions that enable their operation to be	Reject	12



Submitter ID	Submitter Name	Submission Point	Plan Reference	Position	Decision Requested	Recommendation	Section of Report
					effective and efficient and also to protect such activities from reverse sensitivity effects.		
DPR-0365	Stuart PC Limited	039	LIGHT-R1	Oppose	Amend the Light Spill standard to better enable activities within the GIZ to operate 24/7.	Reject	13
DPR-0367	Orion New Zealand Limited	116	LIGHT-R4	Support In Part	Amend as follows: 1. Artificial outdoor lighting for the purpose of emergency response, <u>or urgent repairs and maintenance of important infrastructure.</u>	Reject	15
DPR-0375	Waka Kotahi NZ Transport Agency	FS168	LIGHT-R4	Support	Accept the proposed amendment.	Reject	15
DPR-0407	Royal Forest & Bird Protection Society of New Zealand Inc. (Forest & Bird)	FS685	LIGHT-R4	Oppose	Reject aspects of the submission which do not directly relate to electricity lines and services as critical infrastructure.	Accept in part	15
DPR-0367	Orion New Zealand Limited	119	LIGHT-P2	Support In Part	Amend as follows: Enable artificial outdoor lighting <del>of short duration</del> outside of daylight hours associated with temporary activities, and artificial outdoor lighting for the purpose of emergency response, and public health and safety.	Reject	11
DPR-0407	Royal Forest & Bird Protection Society of New	FS688	LIGHT-P2	Oppose	Reject aspects of the submission which do not directly relate to electricity lines and services as critical infrastructure.	Accept in part	11

Submitter ID	Submitter Name	Submission Point	Plan Reference	Position	Decision Requested	Recommendation	Section of Report
	<i>Zealand Inc. (Forest &amp; Bird)</i>						
DPR-0367	Orion New Zealand Limited	121	LIGHT-R1	Support	Retain as notified.	Accept	13
<i>DPR-0407</i>	<i>Royal Forest &amp; Bird Protection Society of New Zealand Inc. (Forest &amp; Bird)</i>	<i>FS690</i>	<i>LIGHT-R1</i>	<i>Oppose</i>	<i>Reject aspects of the submission which do not directly relate to electricity lines and services as critical infrastructure.</i>	<i>Reject</i>	<i>13</i>
DPR-0370	Fonterra Limited	060	LIGHT-P1	Oppose In Part	Amend as follows: Manage new artificial outdoor lighting to minimise light spill and glare onto adjoining sites and glare onto roads to provide for the health and safety of people and the safe and efficient operation of the land transport network, <u>while also recognising that different zones have different functional requirements and amenity expectations.</u>	Reject	10
<i>DPR-0209</i>	<i>Manmeet Singh</i>	<i>FS792</i>	<i>LIGHT-P1</i>	<i>Oppose In Part</i>	<i>Reject submission in part</i>	<i>Accept in part</i>	<i>10</i>
DPR-0370	Fonterra Limited	061	LIGHT-P2	Oppose In Part	Amend as follows: Enable artificial outdoor lighting of short duration outside of daylight hours associated with temporary activities, <del>and artificial outdoor lighting for the purpose of emergency response and public health and safety,</del> <u>as also to support 24-hour business operations.</u>	Accept in part	11

Submitter ID	Submitter Name	Submission Point	Plan Reference	Position	Decision Requested	Recommendation	Section of Report
DPR-0209	Manmeet Singh	FS793	LIGHT-P2	Oppose In Part	Reject submission in part	Accept in part	11
DPR-0370	Fonterra Limited	062	LIGHT-REQ1	Support	Retain as notified	Accept in part	18
DPR-0209	Manmeet Singh	FS794	LIGHT-REQ1	Oppose In Part	Reject submission in part	Reject	18
DPR-0374	Rolleston Industrial Holdings Limited (RIHL)	253	LIGHT-Overview	Support In Part	Amend as follows: ... The provisions for artificial outdoor lighting provide for adequate lighting to support activities and enable safety and security, while <del>minimising</del> <u>managing</u> potential adverse effects	Reject	8
DPR-0374	Rolleston Industrial Holdings Limited (RIHL)	254	LIGHT-O1	Support In Part	Retain as notified	Accept in part	9
DPR-0374	Rolleston Industrial Holdings Limited (RIHL)	255	LIGHT-P1	Support	Amend as follows: Manage new artificial outdoor lighting to <del>minimise</del> <u>manage</u> light spill and glare onto adjoining sites and glare onto roads to provide for the health and safety of people and the safe and efficient operation of the land transport network.	Reject	10
DPR-0374	Rolleston Industrial Holdings Limited (RIHL)	256	LIGHT-P2	Support	Retain as notified	Accept in part	11

Submitter ID	Submitter Name	Submission Point	Plan Reference	Position	Decision Requested	Recommendation	Section of Report
DPR-0374	Rolleston Industrial Holdings Limited (RIHL)	257	LIGHT-P3	Support In Part	Amend as follows: <del>Minimise</del> Manage potential upward light that causes sky glow by controlling new artificial outdoor lighting to:...	Reject	12
DPR-0374	Rolleston Industrial Holdings Limited (RIHL)	258	LIGHT-R1	Support	Retain as notified	Accept	13
DPR-0374	Rolleston Industrial Holdings Limited (RIHL)	259	LIGHT-R2	Support	Retain as notified	Accept	14
DPR-0374	Rolleston Industrial Holdings Limited (RIHL)	260	LIGHT-R3	Support	Retain as notified	Accept in part	15
DPR-0374	Rolleston Industrial Holdings Limited (RIHL)	261	LIGHT-R4	Support	Retain as notified	Accept	16
DPR-0374	Rolleston Industrial Holdings Limited (RIHL)	262	LIGHT-R5	Support	Retain as notified	Accept in part	17
DPR-0374	Rolleston Industrial Holdings Limited (RIHL)	263	LIGHT-REQ1	Support In Part	Amend this provision to provide more appropriate and achievable lux levels.	Reject	18

Submitter ID	Submitter Name	Submission Point	Plan Reference	Position	Decision Requested	Recommendation	Section of Report
DPR-0374	Rolleston Industrial Holdings Limited (RIHL)	264	LIGHT-REQ1	Support In Part	Amend provision to state that levels be assessed from the 'notional boundary' or a point 20m from the side of any building used for a 'sensitive activity.'	Accept in part	18
DPR-0374	Rolleston Industrial Holdings Limited (RIHL)	265	LIGHT-REQ2	Support	Retain as notified	Accept in part	19
DPR-0374	Rolleston Industrial Holdings Limited (RIHL)	266	LIGHT-REQ3	Support	Retain as notified	Accept in part	20
DPR-0374	Rolleston Industrial Holdings Limited (RIHL)	267	LIGHT-REQ4	Support	Retain as notified	Accept	21
DPR-0374	Rolleston Industrial Holdings Limited (RIHL)	268	LIGHT-REQ5	Support	Retain as notified	Accept	22
DPR-0374	Rolleston Industrial Holdings Limited (RIHL)	269	LIGHT-MAT1	Support	Retain as notified	Accept in part	23
DPR-0374	Rolleston Industrial Holdings Limited (RIHL)	270	LIGHT-MAT2	Support	Retain as notified	Accept in part	24

Submitter ID	Submitter Name	Submission Point	Plan Reference	Position	Decision Requested	Recommendation	Section of Report
DPR-0374	Rolleston Industrial Holdings Limited (RIHL)	271	LIGHT-MAT3	Support	Retain as notified	Accept in part	25
DPR-0374	Rolleston Industrial Holdings Limited (RIHL)	483	Non-notification clauses	Oppose	Insert the following words, or words to the like effect, to all controlled and restricted discretionary activity rules: <u>Applications shall not be limited or publicly notified, on the basis of effects associated specifically with this rule and the associated matters of control or discretion.</u>	Reject	28
DPR-0032	Christchurch City Council	FS270	Non-notification clauses	Oppose In Part	Do not limit notification where neighbouring properties, communities, or the wider district are potentially directly affected and the adverse effects are potentially more than minor or where the Act requires notification.	Accept	28
DPR-0298	Trices Road Rezoning Group	FS997	Non-notification clauses	Support	Accept submission	Reject	28
DPR-0371	Christchurch International Airport Limited	FS084	Non-notification clauses	Support In Part	Accept in part	Reject	28
DPR-0375	Waka Kotahi NZ Transport Agency	FS347	Non-notification clauses	Oppose	Retain relevant provisions without a non-notification clause.	Accept	28
DPR-0414	Kāinga Ora - Homes & Communities	FS191	Non-notification clauses	Support	Not Specified	Reject	28

Submitter ID	Submitter Name	Submission Point	Plan Reference	Position	Decision Requested	Recommendation	Section of Report
DPR-0453	Midland Port, Lyttelton Port Company Limited	FS084	Non-notification clauses	Support In Part	Accept in part	Reject	28
DPR-0456	Four Stars Development & Gould Developments Ltd	FS087	Non-notification clauses	Support	Accept submission	Reject	28
DPR-0375	Waka Kotahi NZ Transport Agency	114	LIGHT-Overview	Support In Part	<p>Amend as follows:</p> <p>....</p> <p>There are three main types of obtrusive or adverse lighting effects that can cause nuisance to nearby residents, users of adjacent areas <u>and roads</u>, and to astronomical observation.</p> <p>....</p> <p>It is also recommended that Council considers the inclusion of reference to AS/NZ 4282:2019.</p>	Accept	8
DPR-0375	Waka Kotahi NZ Transport Agency	115	LIGHT-O1	Support In Part	<p>Amend as follows:</p> <p>Artificial outdoor lighting enables work, recreation, <u>transportation</u>, and entertainment activities to occur beyond daylight hours, while:</p> <ol style="list-style-type: none"> <li>1. maintaining the health, safety, and amenity values of people; and</li> <li>2. protecting the District's natural darkness and natural features.</li> </ol>	Accept	9

Submitter ID	Submitter Name	Submission Point	Plan Reference	Position	Decision Requested	Recommendation	Section of Report
DPR-0375	Waka Kotahi NZ Transport Agency	116	LIGHT-P1	Support In Part	Amend as follows: Manage new artificial outdoor lighting to minimise light spill and glare onto adjoining sites and <del>glare onto</del> roads to provide for the health and safety of people and the safe, <u>effective</u> and efficient operation of the land transport network.	Accept	10
DPR-0375	Waka Kotahi NZ Transport Agency	117	LIGHT-P3	Support In Part	Amend as follows: Minimise potential upward light that causes sky glow by controlling new artificial outdoor lighting to: 1. maintain people's ability to view the night sky; and 2. maintain the distinct character and amenity values of the district's night sky; and 3. protect the health and well-being of people and ecosystems. <del>4. ensure</del> <u>Whilst ensuring</u> the safe, <u>effective</u> and efficient operation of roads and public pedestrian access, and public sports courts, and grounds while minimising sky glow.	Accept in part	12
DPR-0375	Waka Kotahi NZ Transport Agency	118	LIGHT-R1	Support In Part	Retain as notified, subject to the suggested amendments below to the applicable rule requirements.	Accept in part	13
DPR-0375	Waka Kotahi NZ Transport Agency	119	LIGHT-R2	Support	Retain as notified.	Accept	14
DPR-0375	Waka Kotahi NZ Transport Agency	120	LIGHT-R3	Support In Part	Amend as follows: Where this activity complies with the following rule requirements:	Accept	15



Submitter ID	Submitter Name	Submission Point	Plan Reference	Position	Decision Requested	Recommendation	Section of Report
					<u>LIGHT-REQ2 Glare</u> LIGHT-REQ5 Sky Glow - Public Sports Courts and Grounds		
DPR-0375	Waka Kotahi NZ Transport Agency	121	LIGHT-R4	Support	Retain as notified.	Accept	16
DPR-0375	Waka Kotahi NZ Transport Agency	122	LIGHT-R5	Support In Part	Amend as follows: 1. Artificial outdoor lighting for any temporary activity which operates between 0700 and 2200 only, otherwise LIGHT-R1 applies. <u>Where this activity complies with the following rule requirements:</u> <u>LIGHT-REQ2 Glare</u>	Accept	17
DPR-0375	Waka Kotahi NZ Transport Agency	123	LIGHT-REQ1	Support In Part	Amend to provide clarification on how this rule applies to roads and controls the effects of light spill onto/from roads.	Accept	18
DPR-0375	Waka Kotahi NZ Transport Agency	124	LIGHT-REQ2	Support In Part	Amend as follows: <del>Fixed a</del> 1. Artificial outdoor lighting is directed away from and/or screened from adjoining properties and roads.	Accept	19
DPR-0375	Waka Kotahi NZ Transport Agency	125	LIGHT-REQ3	Support In Part	Amend as follows: <u>Note: This requirement does not apply to roads and public pedestrian accessways and cycleways, which are subject to LIGHT-REQ4.</u>	Reject	20
DPR-0375	Waka Kotahi NZ Transport Agency	126	LIGHT-REQ4	Support In Part	Amend as follows: 1. All <u>new</u> artificial outdoor lighting for roads and public pedestrian accessways and cycleways shall:	Reject	21

Submitter ID	Submitter Name	Submission Point	Plan Reference	Position	Decision Requested	Recommendation	Section of Report
					a. Utilise flat glass luminaires; and b. Be directed downward and shielded from above to ensure that all light shines below the horizontal; and c. Have a maximum uplight value of U0; and d. Have the ability to connect to control systems to enable lighting to be turned off or dimmed.		
DPR-0375	Waka Kotahi NZ Transport Agency	127	LIGHT-MAT1	Support In Part	Amend as follows: 1. Whether the artificial outdoor lighting is necessary to provide for the safe operation of sites <u>and the state highway network</u> , security for buildings and enhance the health, safety, and wellbeing of people.	Accept in part	22
DPR-0375	Waka Kotahi NZ Transport Agency	128	LIGHT-MAT2	Support In Part	Amend as follows: 1. The actual or potential risk of any glare from artificial outdoor lighting creating a distraction or other impediment to the safe, <u>effective and efficient</u> operation of the transport network.	Accept in part	24
DPR-0375	Waka Kotahi NZ Transport Agency	129	LIGHT-MAT3	Support In Part	Amend as follows: <u>5. Whether the sky glow is a consequence of necessary network utility infrastructure, such as road lighting, and the specific situation means that the sky glow is unavoidable in order to provide for the safe, effective and efficient operation of the network utility.</u>	Accept in part	25
DPR-0384	Rolleston Industrial	265	LIGHT-Overview	Support In Part	Amend as follows: ... The provisions for artificial outdoor lighting provide for adequate lighting to support activities and enable safety	Reject	8

Submitter ID	Submitter Name	Submission Point	Plan Reference	Position	Decision Requested	Recommendation	Section of Report
	Developments Limited (RIDL)				and security, while <del>minimising</del> <u>managing</u> potential adverse effects.		
DPR-0384	Rolleston Industrial Developments Limited (RIDL)	266	LIGHT-O1	Support In Part	Retain as notified	Accept in part	9
DPR-0384	Rolleston Industrial Developments Limited (RIDL)	267	LIGHT-P1	Support	Amend as follows: Manage new artificial outdoor lighting to <del>minimise</del> <u>manage</u> light spill and glare onto adjoining sites and glare onto roads to provide for the health and safety of people and the safe and efficient operation of the land transport network.	Reject	10
DPR-0384	Rolleston Industrial Developments Limited (RIDL)	268	LIGHT-P2	Support	Retain as notified	Accept in part	11
DPR-0384	Rolleston Industrial Developments Limited (RIDL)	269	LIGHT-P3	Support In Part	Amend as follows: <del>Minimise</del> <u>Manage</u> potential upward light that causes sky glow by controlling new artificial outdoor lighting to:...	Reject	12
DPR-0384	Rolleston Industrial Developments Limited (RIDL)	270	LIGHT-R1	Support	Retain as notified	Accept	13

Submitter ID	Submitter Name	Submission Point	Plan Reference	Position	Decision Requested	Recommendation	Section of Report
DPR-0384	Rolleston Industrial Developments Limited (RIDL)	271	LIGHT-R2	Support	Retain as notified	Accept	14
DPR-0384	Rolleston Industrial Developments Limited (RIDL)	272	LIGHT-R3	Support	Retain as notified	Accept in part	15
DPR-0384	Rolleston Industrial Developments Limited (RIDL)	273	LIGHT-R4	Support	Retain as notified	Accept	16
DPR-0384	Rolleston Industrial Developments Limited (RIDL)	274	LIGHT-R5	Support	Retain as notified	Accept in part	17
DPR-0384	Rolleston Industrial Developments Limited (RIDL)	275	LIGHT-REQ1	Support In Part	Amend this provision to provide more appropriate and achievable lux levels.	Reject	18
DPR-0384	Rolleston Industrial Developments Limited (RIDL)	276	LIGHT-REQ1	Support In Part	Amend provision to state that levels be assessed from the 'notional boundary' or a point 20m from the side of any building used for a 'sensitive activity.'	Accept in part	18

Submitter ID	Submitter Name	Submission Point	Plan Reference	Position	Decision Requested	Recommendation	Section of Report
DPR-0384	Rolleston Industrial Developments Limited (RIDL)	277	LIGHT-REQ2	Support	Retain as notified	Accept in part	19
DPR-0384	Rolleston Industrial Developments Limited (RIDL)	278	LIGHT-REQ3	Support	Retain as notified	Accept in part	20
DPR-0384	Rolleston Industrial Developments Limited (RIDL)	279	LIGHT-REQ4	Support	Retain as notified	Accept	21
DPR-0384	Rolleston Industrial Developments Limited (RIDL)	280	LIGHT-REQ5	Support	Retain as notified	Accept	22
DPR-0384	Rolleston Industrial Developments Limited (RIDL)	281	LIGHT-MAT1	Support	Retain as notified	Accept in part	23
DPR-0384	Rolleston Industrial Developments Limited (RIDL)	282	LIGHT-MAT2	Support	Retain as notified	Accept in part	24

Submitter ID	Submitter Name	Submission Point	Plan Reference	Position	Decision Requested	Recommendation	Section of Report
DPR-0384	Rolleston Industrial Developments Limited (RIDL)	283	LIGHT-MAT3	Support	Retain as notified	Accept in part	25
DPR-0384	Rolleston Industrial Developments Limited (RIDL)	516	Non-notification clauses	Oppose	<p>Insert the following words, or words to the like effect, to all controlled and restricted discretionary activity rules:</p> <p><u>Applications shall not be limited or publicly notified, on the basis of effects associated specifically with this rule and the associated matters of control or discretion.</u></p>	Reject	28
DPR-0032	Christchurch City Council	FS305	Non-notification clauses	Oppose In Part	Do not limit notification where neighbouring properties, communities, or the wider district are potentially directly affected and the adverse effects are potentially more than minor or where the Act requires notification.	Accept	28
DPR-0298	Trices Road Re-zoning Group	FS1024	Non-notification clauses	Support	Accept submission	Reject	28
DPR-0371	Christchurch International Airport Limited	FS117	Non-notification clauses	Support In Part	Accept in part	Reject	28
DPR-0375	Waka Kotahi NZ Transport Agency	FS348	Non-notification clauses	Oppose	Retain relevant provisions without a non-notification clause.	Accept	28

Submitter ID	Submitter Name	Submission Point	Plan Reference	Position	Decision Requested	Recommendation	Section of Report
DPR-0414	Kāinga Ora - Homes & Communities	FS225	Non-notification clauses	Support	Not Specified	Reject	28
DPR-0453	Midland Port, Lyttelton Port Company Limited	FS117	Non-notification clauses	Support In Part	Accept in part	Reject	28
DPR-0456	Four Stars Development & Gould Developments Ltd	FS121	Non-notification clauses	Support	Accept the submission	Reject	28
DPR-0420	Synlait Milk Limited	009	LIGHT-P2	Oppose In Part	Amend as follows: Enable artificial outdoor lighting of short duration outside of daylight hours associated with temporary activities, and artificial outdoor lighting for the purpose of emergency response and <u>public the health and safety of all persons; and the operational requirements of industry.</u>	Accept in part	11
DPR-0420	Synlait Milk Limited	010	LIGHT-P3	Oppose In Part	Amend as follows: Minimise potential upward light that causes sky glow by controlling new artificial outdoor lighting to: 4. ensure the safe and efficient operation of roads, <u>important infrastructure</u> and public pedestrian access, and public sports courts, and grounds while minimising sky glow.	Reject	12
DPR-0370	Fonterra Limited	FS017	LIGHT-P3	Support	Accept the submission.	Reject	12

Submitter ID	Submitter Name	Submission Point	Plan Reference	Position	Decision Requested	Recommendation	Section of Report
DPR-0375	Waka Kotahi NZ Transport Agency	FS169	LIGHT-P3	Support	Amend LIGHT-P3 to read as follows: 4. <del>ensure</del> <u>Whilst ensuring the safe, effective and efficient operation of roads and public pedestrian access, important infrastructure, and public sports courts, and grounds while minimising sky glow.</u>	Accept in part	12
DPR-0453	Midland Port, Lyttelton Port Company Limited	FS034	LIGHT-P3	Support	Accept	Reject	12
DPR-0422	Federated Farmers of New Zealand - North Canterbury	025	Artificial Outdoor Lighting	Oppose In Part	Amend as follows:: Any <u>electrically-powered</u> exterior <del>or non-residential interior</del> lighting <u>and/or sign</u> that emits directly into the outdoor environment <del>and includes signs</del>	Reject	7
DPR-0422	Federated Farmers of New Zealand - North Canterbury	236	LIGHT-Overview	Oppose In Part	Amend the Overview to clearly acknowledge the need for rural and/or primary production to occur at night, and their needs must be considered and balanced with other District priorities like night sky observations.	Reject	8
DPR-0422	Federated Farmers of New Zealand - North Canterbury	237	LIGHT-O1	Support In Part	Amend as follows: Artificial outdoor lighting enables work, <u>rural production</u> , recreation, and entertainment activities to occur beyond daylight hours, ...	Reject	9
DPR-0422	Federated Farmers of New Zealand - North Canterbury	238	New	Neither Support Nor Oppose	Insert a new policy that recognises and enables certain rural and primary activities may require artificial outdoor lighting outside normal working hours, under certain	Reject	27



Submitter ID	Submitter Name	Submission Point	Plan Reference	Position	Decision Requested	Recommendation	Section of Report
					conditions, in order for its rural community to thrive in the District.		
DPR-0372	Dairy Holdings Limited	FS065	New	Support	Accept the submission.		
DPR-0422	Federated Farmers of New Zealand - North Canterbury	239	New	Neither Support Nor Oppose	Insert new rule to permit normal farming operations for peak seasonal work.	Reject	27
DPR-0375	Waka Kotahi NZ Transport Agency	FS170	New	Oppose In Part	Council should consider carefully the appropriateness of the proposed permitted activity and any permitted activity should be subject to controls regarding light spill and glare onto roads.	Reject	27
DPR-0422	Federated Farmers of New Zealand - North Canterbury	240	LIGHT-REQ3	Oppose In Part	Either delete all zones covered by this requirement, except the West Melton Observatory Lighting Area, or have a permitted rule for rural production activities that reflects the practical, operational needs of a farm.	Accept in part	20
DPR-0375	Waka Kotahi NZ Transport Agency	FS201	LIGHT-REQ3	Oppose In Part	Council should consider carefully the appropriateness of the relief sought and any permitted activity should be subject to controls regarding light spill, distraction (e.g. flashing lights) and glare onto roads.	Accept in part	20
DPR-0442	Castle Hill Community Association Inc.	005	LIGHT-REQ1	Support In Part	Amend LIGHT-REQ1 by adding Castle Hill Village to LIGHT - TABLE1 - Maximum Light Spill from Artificial Outdoor Lighting at the same level as GRUZ.	Accept	18

Submitter ID	Submitter Name	Submission Point	Plan Reference	Position	Decision Requested	Recommendation	Section of Report
DPR-0453	Midland Port, Lyttelton Port Company Limited	049	LIGHT-P2	Oppose In Part	Amend as follows Enable artificial outdoor lighting <u>outside of daylight hours, as necessary to facilitate the operations of Important Infrastructure and associated health and safety of people, or artificial outdoor lighting of short duration outside of daylight hours</u> as associated with temporary activities, and artificial outdoor lighting for the purpose of emergency response and public health and safety..	Accept in part	11
DPR-0375	Waka Kotahi NZ Transport Agency	FS171	LIGHT-P2	Support In Part	<i>Council should carefully consider the wording of this policy to ensure that where lighting is occurring outside of daylight hours, it is managed appropriately to minimise adverse effects on the safety of road users.</i>	Accept	11
DPR-0453	Midland Port, Lyttelton Port Company Limited	050	LIGHT-REQ1	Oppose	Amend LIGHT-TABLE1 as follows: Zone of the adjoining site receiving light spill <u>(unless otherwise stated)</u> GRUZ adjoining DPZ or PORTZ, SKIZ <u>(as measured at the notional boundary of any rural dwelling in the GRUZ)</u> :  Or in the alternative: GRUZ adjoining DPZ or Portz, SKIZ 2200 to 0600: <u>10</u> <del>3</del> -lux Hours of darkness from 0600 to 2200 <u>25</u> lux CMUZ, GIZ, PORTZ, KNOZ 2200 to 0600: <u>25</u> lux ... Refer to original submission for full decision requested.	Reject	18

## Appendix 2: Recommended amendments

### Legend:

- Proposed amendments recommended by the s42a report are highlighted in yellow.
- Proposed amendments recommended by the right of reply report are highlighted in blue.

## Appendix 2: Recommended amendments

	<b>LIGHT-Overview</b>
	<p>...</p> <p>There are three main types of obtrusive or adverse lighting effects that can cause nuisance to nearby residents, users of adjacent areas <b>and roads</b>,<sup>1</sup> and to astronomical observation. These are:</p> <p>...</p>
	<b>LIGHT-Objectives</b>
<b>LIGHT-O1</b>	<p>Artificial outdoor lighting enables work, <b>transportation</b>,<sup>2</sup> recreation, and entertainment activities to occur beyond daylight hours, while:</p> <ol style="list-style-type: none"> <li>1. maintaining the health, safety, and amenity values of people; and</li> <li>2. protecting the District's natural darkness and natural features.</li> </ol>
	<b>LIGHT-Policies</b>
<b>LIGHT-P1</b>	<p>Manage new artificial outdoor lighting to minimise light spill and glare onto adjoining sites and <b>glare onto</b> roads to provide for the health and safety of people and the safe, <b>effective</b> and efficient operation of the land transport network.<sup>3</sup></p>
<b>LIGHT-P2</b>	<p>Enable artificial outdoor lighting of short duration outside of daylight hours associated with temporary activities, and artificial outdoor lighting for the purpose of emergency response, and <b>public</b><sup>4</sup> <b>that which is required to provide for people's</b><sup>5</sup> health and safety.</p>
<b>LIGHT-P3</b>	<p>Minimise potential upward light that causes sky glow, <b>whilst ensuring the safe, effective and efficient operation of roads, public pedestrian access and public sports courts and grounds</b>, by controlling new artificial outdoor lighting to:</p> <ol style="list-style-type: none"> <li>1. maintain people's ability to view the night sky; and</li> <li>2. maintain the distinct character and amenity values of the district's night sky; and</li> </ol>

<sup>1</sup> 375.114 Waka Kotahi

<sup>2</sup> 375.115 Waka Kotahi

<sup>3</sup> 375.116 Waka Kotahi

<sup>4</sup> 370.061 Fonterra, 420.009 Synlait

<sup>5</sup> 370.061 Fonterra; 420.009 Synlait; 453.049 LPC

	3. protect the health and well-being of people and ecosystems; and 4. ensure the safe and efficient operation of roads and public pedestrian access, and public sports courts, and grounds while minimising sky glow. <sup>6</sup>	
	<b>LIGHT-Rules</b>	
<b>LIGHT-R3</b>	<b>Artificial Outdoor Lighting - Public Sports Courts and Grounds</b>	
<b>All Zones</b>	<b>Activity status:</b> PER 1. Artificial outdoor lighting for public sports courts and grounds  <b>Where this activity complies with the following rule requirements:</b> LIGHT-REQ4 Sky Glow - Public Sports Courts and Grounds LIGHT-REQ2 Glare <sup>7</sup>	...
<b>LIGHT-R5</b>	<b>Artificial Outdoor Lighting - Temporary Activity</b>	
<b>All Zones</b>	<b>Activity Status:</b> PER 1. Artificial outdoor lighting for any temporary activity which operates between 0700 and 2200 only, otherwise LIGHT-R1 applies  <b>Where this activity complies with the following rule requirements:</b> LIGHT-REQ2 Glare <sup>8</sup>	<b>Activity status when compliance not achieved:</b>  2. When compliance with any of LIGHT-R5.1 is not achieved: Refer to the Rule Requirements relevant to LIGHT-R1.  3. When compliance with any rule requirement listed in this rule is not achieved: Refer to Light-Rule Requirements <sup>9</sup>

<sup>6</sup> 215.042 Winstone Aggregates, 375.117 Waka Kotahi

<sup>7</sup> 375.120 Waka Kotahi

<sup>8</sup> 375.122 Waka Kotahi

<sup>9</sup> 375.122 Waka Kotahi (cl 16(2) amendment within scope)

	<b>LIGHT - Rule Requirements</b>																			
<b>LIGHT-REQ1</b>	<b>Light Spill</b>																			
<b>All Zones</b>	<p>1. The maximum level of light spill from artificial outdoor lighting shall not exceed the horizontal or vertical illuminance levels outlined in LIGHT - TABLE1 below on an adjoining site, <del>excluding</del> <u>including</u> roads<sup>10</sup>.</p> <p><b>Advisory notes:</b></p> <p><u>LIGHT-REQ1 shall not apply to light spill from road lighting within roads.</u><sup>11</sup></p> <p><u>Measurement of light spill is to be undertaken in accordance with AS/NZS 4282:2019 Control of the obtrusive effects of outdoor lighting.</u><sup>12</sup></p> <p><b>LIGHT-TABLE1 - Maximum Light Spill from Artificial Outdoor Lighting</b></p> <table> <tr> <th>Zone of the adjoining site receiving light spill</th><th>2200 to 0600</th><th>Hours of darkness from 0600 to 2200</th></tr> <tr> <td>GRUZ</td><td>1 lux</td><td>5 lux</td></tr> <tr> <td><u>SCA-AD2</u><sup>13</sup></td><td></td><td></td></tr> <tr> <td>GRUZ adjoining DPZ or PORTZ SKIZ</td><td>3 lux</td><td>5 lux</td></tr> <tr> <td>RESZ MPZ GRAZ TEZ</td><td>2 lux</td><td>10 lux</td></tr> <tr> <td>CMUZ GIZ PORTZ KNOZ</td><td>5 lux</td><td>25 lux</td></tr> </table>	Zone of the adjoining site receiving light spill	2200 to 0600	Hours of darkness from 0600 to 2200	GRUZ	1 lux	5 lux	<u>SCA-AD2</u> <sup>13</sup>			GRUZ adjoining DPZ or PORTZ SKIZ	3 lux	5 lux	RESZ MPZ GRAZ TEZ	2 lux	10 lux	CMUZ GIZ PORTZ KNOZ	5 lux	25 lux	...
Zone of the adjoining site receiving light spill	2200 to 0600	Hours of darkness from 0600 to 2200																		
GRUZ	1 lux	5 lux																		
<u>SCA-AD2</u> <sup>13</sup>																				
GRUZ adjoining DPZ or PORTZ SKIZ	3 lux	5 lux																		
RESZ MPZ GRAZ TEZ	2 lux	10 lux																		
CMUZ GIZ PORTZ KNOZ	5 lux	25 lux																		
<b>LIGHT-REQ2</b>	<b>Glare</b>																			

<sup>10</sup> 375.123 Waka Kotahi

<sup>11</sup> 375.123 Waka Kotahi (cl 16(2) amendment within scope)

<sup>12</sup> 358.269 RWRL; 363.258 IRHL; 374.264 RIHL; and 384.276 RIDL

<sup>13</sup> 442.005 Castle Hill Community Association

<b>All Zones</b>	1. Fixed Artificial outdoor lighting is directed away from and/or screened from adjoining properties and roads. <sup>14</sup> ...	...
<b>LIGHT-REQ3</b>	<b>Sky Glow</b>	
<b>ONL</b> <b>VAL</b> <b>Coastal Environment</b> <b>West Melton Observatory Lighting Area</b>	7. All non-residential artificial outdoor lighting, excluding that associated with agricultural, pastoral and horticultural activities and public amenity buildings that require lighting for security and safety purposes, shall not operate between 2200 and 0600. <sup>15</sup>	...
	<b>LIGHT - Matters for Control or Discretion</b>	
<b>LIGHT-MAT1</b>	<b>Health and Safety and Amenity</b>	
	6. The actual or potential risk of spill light from artificial outdoor lighting creating a distraction or other impediment to the safe, effective and efficient operation of any road. <sup>16</sup>	
<b>LIGHT-MAT2</b>	<b>Transport Safety</b>	
	1. The actual or potential risk of any glare from artificial outdoor lighting creating a distraction or other impediment to the safe, effective and efficient operation of any road the transport network. <sup>17</sup>	
<b>LIGHT-MAT3</b>	<b>Sky Glow</b>	

<sup>14</sup> 375.124 Waka Kotahi

<sup>15</sup> 104.008 Lukas Travnicek, 353.211 Hort NZ, 422.240 Federated Farmers

<sup>16</sup> 375.127 Waka Kotahi

<sup>17</sup> 375.128 Waka Kotahi


	<p>1. Whether the timing, duration, intensity, direction, location, type, design, and operation of the artificial outdoor lighting contributes to avoidable or unnecessary sky glow which impacts on the character and amenity values of the district's night sky.</p> <p>2. Whether the artificial outdoor lighting is location-specific and necessary to provide for the safe operation of sites, security for buildings and to enhance the health, safety and wellbeing of people.<sup>18</sup></p> <p>2. 3. The proximity of the proposed artificial outdoor lighting to, and any potential effects on any: Outstanding Natural Landscape; Visual Amenity Landscape; Coastal Environment; and the West Melton Observatory Lighting Area.</p> <p>3. 4. Reference shall be made where appropriate to Australian/New Zealand Standards AS/NZS11581.2:2010 (Lighting for roads and public spaces) and AS/NZS4282:2019 (Control of the obtrusive effects of outdoor lighting) to limit light levels and obtrusive lighting effects.</p> <p>4. 5. The effects of artificial outdoor lighting on people's health and amenity values, including whether the proposal has the potential to result in sleep disturbance</p>
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The following spatial amendments are recommended to PDP Planning Maps:

Map Layer	Description of recommended amendment	Link
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<sup>18</sup> 345.032 Porters Alpine Resort, 375.129 Waka Kotahi



<p>General District-Wide Matters</p> <p>'West Melton Observatory Lighting Overlay'</p>	<p>a) Amend the Planning Maps by inserting the West Melton Observatory Lighting Control Overlay Map and include in the list of Map Tools as the 'West Melton Observatory Lighting Overlay' under the General District-Wide Matters tab.<sup>19</sup></p>	
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<sup>19</sup> 116.016 Robert Glassey, 207.106 SDC