

Hannah Elliott



From: Mathieu Federspiel <mathieuf.sc@gmail.com>
Sent: Saturday, February 24, 2024 5:41 PM
To: Plan
Subject: regarding 217-24-00016-PLNG

Planning Commission:

It has been brought to my attention that you will be discussing outdoor lighting standards at your next meeting. I would like to raise some points for your consideration. Note that I am a resident of Crook County, living in the Powell Butte area.

Many new houses and related structures (like workshops) have been erected over the years I have lived here. Many of these use outdoor lighting throughout the night. This detracts from my enjoyment of the night sky and stars.

One workshop in particular has a very bright yard light on all night. This is a particular problem for me because that structure is on a hill above mine and the bright light shines down onto my property.

I am also concerned about how lights at night are detrimental to wildlife, including insects, bats, and birds. This is well documented by <https://darksky.org/> and many other organizations including:

- US Fish and Wildlife <https://www.fws.gov/story/2023-07/dim-lights-pollinators-and-plants-night>
- National Geographic <https://www.nationalgeographic.com/environment/article/light-pollution-how-to-help-wildlife>
- National Wildlife Federation [nwf.org](https://www.nwf.org)
- NASA <https://earthobservatory.nasa.gov/images/145767/night-lights-can-disrupt-wildlife>

Please consider outdoor lighting standards that include shielding light from the sky to direct it where it is needed, using colors that are not as detrimental to insects and wildlife as is white light, shielding light from neighbors with consideration of elevation differences, and lights-off hours.

Thank you.

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Mathieu Federspiel

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