



To: Ogden Valley Planning Commission

From: Janet Muir

Date: January 3, 2017

Re: Proposed Dark Sky Exterior Lighting Ordinance: Community Character and Private Property Rights

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We would like to take this opportunity to add some perspective to the decision now before the Planning Commission and to have this document included in the meeting packet.

General Plan Mandate From Residents.

The Ogden Valley General Plan incorporates the residents' repeatedly voiced wish to retain rural community character through commonsense dark sky controls. See below for excerpts from the General Plan.

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Community Character

a. Gateways and Viewsheds

Ogden Valley's natural setting provides opportunities for spectacular views of local agriculture, the mountains, Pineview Reservoir, and the stars in the night sky.

b. Dark Sky Preservation

Ogden Valley residents have expressed a strong desire to preserve their legacy dark skies. In 2000, dark-sky lighting and sign ordinances were passed, and in spring 2015, North Fork Park became the world's 21st International Dark Sky Park, constituting a northern anchor for the national parks in Utah that have also been accredited. Astrotourism (a natural companion to agritourism) is an accelerating trend that not only can support the local economy but also can honor Ogden Valley's rural heritage and distinct natural beauty.

- c. **Dark Sky Preservation Goal 1:** A goal of Weber County is to protect the night sky in order to preserve the Valley's rural character and heritage.

Dark Sky Preservation Principle 1.1: Encourage programs for residential and agricultural dark-sky-lighting compliance. **Dark Sky Preservation Implementation 1.1.1:** Review the current dark-sky lighting ordinance for consistency with dark-sky principle and current technology; identify possible updates. Consider amendments as necessary. **Dark Sky Preservation Principle 1.2:** Promote the accreditation of North Fork Park as the world's 21st International Dark Sky Park, and encourage astro-, agri-, and ecotourism development. **Dark Sky Preservation Implementation 1.2.1:** Evaluate current dark-sky sign ordinance for community character effectiveness and competitiveness with other Amenity West1 communities; identify possible updates.

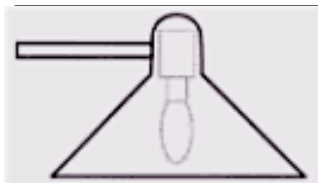
- d. **Commercial Development Principle 2.3:** Ensure that all signage in Ogden Valley is compatible with the context of the sign's location and the rural character of Valley. **Commercial Development Implementation 2.3.1:** Evaluate and revise the commercial sign standards for Ogden Valley **to promote dark sky lighting and** a consistent design theme that is compatible with the rural character of the Valley.

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Dark Sky Lighting = Good Neighbor Lighting + Enhanced Security + Defense of Private Property Rights

The ad below has been run multiple times by Ogden Valley Starry Nights in the *Ogden Valley News* to aid in public education. The fact that it is residential lighting growth that most threatens the accreditation of North Fork Park makes an educational lead-in for residential coverage important.

Additionally, dark sky standards for multi- and single-family residences reinforces the private property rights aspect of dark skies. Why should my neighbor be able to light-trespass on my property - especially when shielding and motion detecting are such inexpensive and commonsense approaches?

Good Neighbor Lighting	Protects Dark Skies and Enhances Security
<ul style="list-style-type: none">Commit no light trespass.Shield lights fully.Direct downward.Use timers and sensors.Avoid landscape uplighting.Place limits on string lighting.	<ul style="list-style-type: none"><input checked="" type="checkbox"/> Motion sensors alert residents to time and location of intrusion.<input checked="" type="checkbox"/> Shielded, downward-directed lights illuminate most effectively.<input checked="" type="checkbox"/> Standard floodlights produce glare that obscures unwanted activity. <p>For good neighbor, dark-sky, security-enhanced lighting see www.starrynightsutah.org.</p>
	<p>Fully Shielded Light Fixture</p> 

Attachment 1



Tyler Nordgren: New Artwork for North Fork Park (December 2016)



Attachment 2



Ogden Valley Dark Sky Mural Trail

Mural #1: Fuller Barn (across from Valley Elementary School)

Photo: Ron Gleason



Attachment 3



The Committee for Dark Sky Studies (in process to become formal academic center at the University of Utah)



Mission

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The Committee for Dark Sky Studies (CDSS) is dedicated to the discovery, development, communication, and application of knowledge across a wide range of disciplines and professional fields pertaining to the quality of night skies, growing light pollution and the varied human, animal, and environmental responses to the "disappearing dark."
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Location

The largest region of high quality dark skies in the developed world is that of the Interior West (Mountain States).¹ With vast tracts of public land and an unparalleled concentration of national parks and monuments, the area provides substantial night sky and environmental research opportunities, while providing significant astro-tourism dollars to its gateway communities and constituent states: Arizona, Colorado, Idaho, Montana, Nevada, New Mexico, Utah, and Wyoming.

Institutional Members

University of Utah (administrative base)
Brigham Young University
Dixie State University
Salt Lake Community College
Southern Utah University
Utah State University
Utah Valley University
Weber State University
Westminster College

Affiliate Members

Boise State University [Monica Hubbard, Assistant Professor, Department of Public Policy and Administration]
Colorado Mesa University (Center for Natural Resources) [Tim Casey, Director]
Northern Arizona University [Nadine Barlow, Professor, Department of Physics and Astronomy]
Ohio Northern University [Bryan Boulanger, Chair and Associate Professor, Department of Civil and Environmental Engineering]
Rensselaer Polytechnic Institute (Lighting Research Center) [Mark Rea, Director]
University of Wyoming (Berry Biodiversity Conservation Center) [Carlos Martinez del Rio, Director]

¹ One of nine geographic divisions officially recognized by the U.S. Census Bureau

Attachment 4



Great Western Starry Way

GREAT WESTERN STARRY WAY ★ INTERNATIONAL DARK SKY PLACES

Montana

Glacier National Park*

Wyoming

Yellowstone National Park*
Grand Teton National Park*
Devils Tower National Monument*

Colorado

Black Canyon of the Gunnison National Park
Canyon of the Ancients National Monument*
Salinas Pueblo Mission National Monument

Idaho

Craters of the Moon National Monument*
City of Ketchum Dark Sky Community*

Nevada

Great Basin National Park

Utah

Capitol Reef National Park
Canyonlands National Park
Zion National Park*
Cedar Breaks National Monument*
Dinosaur National Monument*
Grand Staircase-Escalante National Monument*
Hovenweep National Monument
Natural Bridges National Monument
Timpanogos Cave National Monument*
Glen Canyon National Recreation Area*
State Parks
Antelope Island State Park*
Coral Pink Sand Dunes State Park*
Dead Horse Point State Park

Utah (continued)

Deer Creek State Park*
East Canyon State Park*
Fremont Indian State Park*
Goblin Valley State Park
Goosenecks State Park*
Gunlock State Park*
Jordanelle State Park*
Red Fleet State Park*
Rockport State Park*
Steinaker State Park*
Quail Creek State Park*

County Park

North Fork Park (Weber County)

Arizona

Grand Canyon National Park (provisional)
Grand Canyon-Parashant National Monument
Kaibab Paiute Dark Sky Nation
Pipe Organ Cactus National Monument
Flagstaff Area National Monument
Kartchner Caverns State Park
Oracle State Park
Red Rock State Park
Big Park/Oak Creek Dark Sky Community
Flagstaff Dark Sky Community
Fountain Hills Dark Sky Community
Sedona Dark Sky Community

New Mexico

Capulin Volcano National Monument
Chaco Canyon National Historical Park
Cosmic Campground

* in accreditation process International Dark-Sky Association





GLACIER-TO-GRAND CANYON AND BEYOND
International Dark Sky Places and Communities [draft]



Attachment 5

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Before and After

