PARK CITY COUNCIL MEETING
SUMMIT COUNTY, UTAH
January 21, 2021

PUBLIC NOTICE IS HEREBY GIVEN that the City Council of Park City, Utah will hold its regular City Council meeting at the Marsac Municipal Building, City Council Chambers, 445 Marsac Avenue, Park City, Utah 84060 for the purposes and at the times as described below on Thursday, January 21, 2021.

NOTICE OF ELECTRONIC MEETING & HOW TO COMMENT VIRTUALLY:

This meeting will be an electronic meeting without an anchor location as permitted by Utah Code Open and Public Meetings Act section 52-4-207(4) as amended June 18, 2020, and Park City Resolution 05-2020, adopted March 19, 2020. The written determination of a substantial health and safety risk, required by Utah Code section 52-4-207(4) is attached as Exhibit A. Council members will connect electronically. Public comments will be accepted virtually as described below.

To comment virtually, use eComment or raise your hand on Zoom. Written comments submitted before or during the meeting will be entered into the public record, but will not be read aloud. For more information on participating virtually and to listen live, please go to www.parkcity.org.

Exhibit A: Determination of Substantial Health and Safety Risk
On January 14, 2021, the Mayor determined that conducting a meeting with an anchor location presents a substantial risk to the health and safety of those who may be present at the anchor location. Utah Code section 52-4-207(4) requires this determination and the facts upon which it is based, which include: • Statewide COVID cases and hospitalizations remain high; • Based on metrics established by the statewide COVID-19 Transmission Index, Summit County, and all areas within the State of Utah, are designated High Risk; • Summit County has 1,752.8 14-day active positive cases per 100,000 people, the highest rate in the State; and • Park City is a resort community continually hosting visitors from areas which may be experiencing rapid COVID-19 spread. This determination is valid for 30 days, and is set to expire on February 13, 2021.

CLOSED SESSION - 4:15 p.m.

To Discuss Property, Personnel, Advice of Counsel, and Litigation

WORK SESSION

5:00 p.m. - Park City Arts and Culture District – Follow Up Discussion
Arts and Culture District Staff Report

REGULAR MEETING - 6:00 p.m.

I. ROLL CALL

II. COMMUNICATIONS AND DISCLOSURES FROM COUNCIL AND STAFF

Council Questions and Comments

Staff Communications Reports

1. FIS Freestyle World Cup at Deer Valley Event Update
   2021 FIS World Cup Staff Report
   Exhibit A: FIS World Cup COVID 19 Protocols-DRAFT

III. PUBLIC INPUT (ANY MATTER OF CITY BUSINESS NOT SCHEDULED ON THE AGENDA)

IV. CONSIDERATION OF MINUTES

Consideration to Approve the City Council Meeting Minutes from January 7, 2021
January 7, 2021 Minutes

V. NEW BUSINESS

1. Consideration to Approve Resolution 02-2021, a Resolution Proclaiming February, 2021, as Dental Health Month in Park City
   (A) Public Input (B) Action
   Children's Dental Health Month Staff Report
   Exhibit A: Children's Dental Health Month Resolution

2. Consideration to Approve Ordinance 2021-05, an Ordinance Amending Land Management Code § 15-3-3(C), Parking Area Lighting; § 15-3-4(C), Parking Garages and Structures; § 15-5-1, Architectural Review – Policy and Purpose; §15-5-5(J), Lighting; § 15-15-1, Definitions; and § 15-15-2, List of Defined Terms to Update the City's Outdoor Lighting Code
   (A) Public Hearing (B) Action
   Outdoor Lighting Code Amendment Staff Report
   Exhibit A: Outdoor Lighting Code Ordinance
   Exhibit B: Public Input
   Exhibit C: Survey Results
   Exhibit D: HPCA Letter Regarding Seasonal Lights
   Exhibit E: Streetlight Policy
   Exhibit F: Public Safety Considerations
   Exhibit G: Dark Sky Communities and Parks in Utah and IDA Designation Process
   Exhibit H: Draft Compliance Information Mailer
   Exhibit I: Staff Communication - U of U Dark Sky Consortium

3. Discuss 2021 Legislative Policy Platform
   2021 Legislative Platform Staff Report

VI. ADJOURNMENT

A majority of City Council members may meet socially after the meeting. If so, the location will be announced by the Mayor. City business will not be conducted. Pursuant to the Americans with Disabilities Act, individuals needing special accommodations during the meeting should notify the City Recorder at 435-615-5007 at least

24 hours prior to the meeting. Wireless internet service is available in the Marsac Building on Wednesdays and Thursdays from 4:00 p.m. to 9:00 p.m. Posted: See: www.parkcity.org

***Parking validations will be provided for Council meeting attendees that park in the China Bridge parking structure.**

Agenda Item No:

Council Agenda Item Report

Meeting Date: January 21, 2021
Submitted by: David Everitt
Submitting Department: Executive
Item Type: Work Session
Agenda Section:

Subject:
5:00 p.m. - Park City Arts and Culture District – Follow Up Discussion

Suggested Action:

Attachments:
Arts and Culture District Staff Report

City Council Staff Report

Subject: Park City Arts and Culture District – Follow Up Discussion
Author: David Everitt
Department: Executive
Date: January 21, 2021
Type of Item: Work Session

Recommendation

Review and discuss additional considerations regarding the overall transportation and transit expectations for the Park City Arts and Culture District. We anticipate no formal action during the meeting's brief discussion.

Background

This is the City Council's fourth consecutive work session to discuss the Park City Arts and Culture District. Past staff reports and presentations can be found here: December 15, 2020 staff report and audio; December 17, 2020 staff report and audio; and January 7, 2021 staff report, presentation, and audio.

While the Council as a whole continues to express support for the District concept and the community priorities it can achieve, Council has posed several questions:

- The scope of transportation and transit improvements;
- The implications for decreasing parking requirements and expanded transportation and transit infrastructure;
- The proposed plan of finance;
- The cost of and approach to building affordable housing units on-site; and
- The potential for public-private partnerships.

Given the tight timeframe from our last meeting on January 7, 2020, detailed staff analysis remains ongoing. This discussion focuses solely on transportation.

Transportation & Transit

The District's land is arguably among Park City's most desirable. Located in a flexible zoning area, the District sits in the heart of Park City where numerous important community connections are made – connections to Park Meadows, connections to the Wasatch back (HWY 248/Kearns Blvd), connections to the Rail Trail, connections to City Park and Deer Valley Drive, connections to the Prospector Square business district, and connections to Homestake Dr., Fresh Market, and the Iron Horse area. These connections make the District an ideal location for a car-optional neighborhood for residents, businesses, and non-profits.

Staff recommends the District become a nodal area within the overall Park City transit system. While an elevated level of transit service is planned for the District, this area will complement the overall transit system, not become its singular focus.

Other proposed nodal connections include:

- A grade-separated multi-use pathway along Kearns Blvd. that finally connects this area to the McLoud Creek paved trail network to the east;
- Reduced curb cuts on the District's perimeter, providing better pedestrian/cyclist safety;
- Large bus pull-outs on Kearns and Bonanza provide convenient and safe access to the site and the neighborhood for transit riders;
- A transit center/welcome area on the southwest corner of the site with an indoor/outdoor waiting area, heated restrooms, and transit-related information and resources;
- An underground drop and load zone that will reduce congestion and conflicts with pedestrian and cyclists; and
- Underground parking that preserves surface level land for non-car uses.

In addition to the District's master plan, the City is working on a comprehensive approach to prioritizing active transportation infrastructure:

- Develop a long-range and short-range transportation plan (discussed in the October 1, 2020 council meeting);
- Transition regional transit service to the County, which will free up municipal resources and allow for greater creativity and flexibility with regard to Transit services in Park City;
- Coordinate closely with private sector redevelopment initiatives at the Park City Mountain Resort base and Deer Valley's Snow Park resort base;
- Encourage paid parking at both resort bases to complement the City's parking management program;
- Partner with the County to provide bus rapid transit (BRT) on the SR224 corridor – likely including some aspect of transit integration with the District area;
- Coordinate the SR248 bus-only lane westbound (first of its kind in the area) and safer pedestrian crossings at the Bonanza Drive intersection;
- Enhance maintenance and utilization strategies to better activate the rail trail for bicycles, e-bikes, and pedestrians; and
- Construct a new park and ride at Quinn's Junction to convert daily commuters and resort and event-related traffic to transit ridership.

The Park Ave/Fresh Market/Arts & Culture District area is where some of the most significant transportation-related transformational changes exist for Park City in the near term. The master planning work underway will incorporate the projects listed above and provide comprehensive transportation solutions over the next five to ten years.

Council Agenda Item Report

Meeting Date: January 21, 2021
Submitted by: Jenny Diersen
Submitting Department: Sustainability
Item Type: Staff Report
Agenda Section:

Subject:
FIS Freestyle World Cup at Deer Valley Event Update

Suggested Action:

Attachments:
2021 FIS World Cup Staff Report

Exhibit A: FIS World Cup COVID 19 Protocols-DRAFT

City Council
Staff Communications Report

Subject: FIS Freestyle World Cup at Deer Valley
Author: Jenny Diersen
Department: Special Events & Economic Development
Date: January 21, 2021

Deer Valley Resort, United States Ski and Snowboard (US Ski and Snowboard), and the International Ski Federation (FIS) intend to move forward with their annual 2021 Freestyle World Cup. In response to COVID-19, and in conjunction with local, County and State protocols, they have developed an event plan to safely conduct the 2021 Freestyle World Cup at Deer Valley on February 4 to 6, 2021.

According to section 4A-1-1.7(B) of the Municipal Code, in past years, staff determined, due to public safety and transportation measures, that this event was a Level 5 event under City Council's authority for approval. Due to the significantly reduced scope of the event and review of the application, the staff has determined this is a Level 3 event for the following reasons:

- The event will be held for three consecutive days;
- Transportation and parking impacts are projected to be minor to moderate and may require overflow parking. Lot three is used for event operations such as equipment and set up. It is likely that Deer Valley will not need overflow, but in the case that they do, we will use approved overflow and communication plans. This will be considered an special event, not counting towards 10% of skiier days as overflow.
- Tickets will not be sold to the public, and spectators will not be allowed beyond day-skiers, including the elimination of any additional food and beverage hospitality tents, VIP events, no fireworks or other related festivities; and
- Staff anticipates limited public safety needs beyond their normal operations.

According to section 4A-2-3(H) of the Municipal Code (Special Event Permit Application Procedure), Level 3 events have been delegated by City Council to staff authority for approval.

After review of the application and supporting documents, staff has made findings to approve the event. As the applicant, Deer Valley has demonstrated operational plans that exceed state requirements for mitigating any event's impacts, including transportation, public safety, and health.

Continuing to host international winter sports events is important in keeping the Olympic legacy alive as Park City pursues a future Winter Olympic Games. As this year's World Cup event nears, staff will work with Deer Valley and the event partners on final operational details.

Key points of this year's event include:

- Staff will permit overflow parking on Deer Valley drive during the event as needed to accommodate additional parking for athletes, coaches, and operations. These three dates will not count towards Deer Valley's CUP for overflow parking.
- Staff has reviewed the COVID-19 plan, which far exceeds Utah State requirements for events. Deer Valley, US Ski and Snowboard, and the FIS have developed a plan that prioritizes the health and a safety of the community, visitors, staff, and athletes. The Summit County Health Department has also reviewed these protocols and modifications have been made at their request.
- There will be no spectators at the event. The venue is for athletes and competition staff only, who will all follow comprehensive COVID-19 protocols. Any gathering from day-skiers will be dispersed, and therefore do not require enhanced transit and only limited, on-site public safety support. Community members and visitors can support the event by tuning in to television broadcasts.
- All food and beverage will run through the resort's standard operating procedures (advanced reservations required).
- Staff recommends the City Manager approve the Special Event Fee Reduction for this event at $4,550 amount according to section 4A-2-9 of the Municipal Code regarding Fee Reductions. This is significantly less than in previous years and is within annual limits. Staff's recommendation is based on criteria including reasons for choosing Park City and specific venue, and extraordinary efforts for providing economic opportunities to the community including positive tax benefits to the City to offset City services and costs required by the event demonstrates extraordinary efforts to reduce and mitigate environmental, and transportation impacts. Further, this is consistent with how the City has supported the few events that have continued during COVID-19.

Attachments
Exhibit A: Deer Valley FIS World Cup DRAFT COVID-19 Protocols

FIS Freestyle Ski World Cup
Covid-19 Risk Management Plan*
February 1-6, 2021

*This Risk Management Plan is subject to change, and will be updated as needed, to reflect changes in local, state or federal Covid-19 requirements

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Overview

- Deer Valley and U.S. Ski and Snowboard plan to operate this competition with thorough testing, symptom monitoring, physical distancing, and hygiene protocols to help mitigate the spread of COVID-19
- Testing: Testing for the event will be conducted at the COE (Center of Excellence) and with SMRTL (Sports Medicine Research and Testing Lab of Salt Lake City). There will be no additional burden placed upon the testing sites within Summit County
- U.S. Ski and Snowboard conducted a study throughout training camps and FIS Alpine competitions that have happened already this season. Their findings are as follows:
  - Skiing and snowboarding are outdoor sports, where face masks are already always used and in most cases athletes compete 1 at a time and significant physical distance can easily be maintained by athletes, coaches and officials.
  - No environment during COVID-19 can be 100% safe, however very, very low COVID-19 positive cases have been observed in multiple training and competition environments both nationally and internationally
  - All positive cases 'caught' during entry testing requirements
  - By implementing protocols that mitigate congregation of people inside/in close proximity (ie. no using locker rooms, no medal ceremonies) the risks can be further reduced

Athletes, Team Staff and Event Officials COVID-19 Protocols

Pre-Arrival:

- Athletes, Team Staff and Event Officials will need to enter PCR COVID-19 test results in the FIS passport system pre-arrival and mid-week. Prior to travel and receiving any accreditations, the National Governing Body (NGB) and Organizing Committee (OC) requires a negative PCR Covid-19 test from all the accredited persons; results must be entered into the FIS passport system. The PCR COVID-19 test may not be older than 72 hours upon entry into Deer Valley's lodging. Enter Test Results Here
- Athletes, Team Staff, and Event Officials will be required to take a PCR COVID-19 test upon arrival in Utah, 24 hours in advanced of their training day
- No one who tests positive for, or shows symptoms of, COVID-19 within 14 days prior to arrival will be allowed to be involved in the competition and should stay home
- If an individual comes in close contact with a person of known exposure, he/she is not to travel to the competition

During Competition:

- All individuals are required to wear a mask or approved face covering at all times except when actively skiing or eating. For more information on current COVID-19 guidelines in Summit County, UT please check here
- Adhere to all Deer Valley Resort COVID-19 guidelines while at the Resort and during the Competition
- Athletes, Team Staff, and Event Officials will need to take a PCR COVID-19 test mid-week and enter their results into the FIS passport system. If any individual tests positive at this point, Deer Valley will begin the positive COVID-19 test protocol, refer to slide 19-21
- The FIS Passport system will automatically send athletes, team staff and officials daily symptom check text messages that they are required to respond to before they can access the competition venue each day.
- All teams will be considered a "party" based on their nationality. It is up to the teams if they want to split their party into discipline, gender, etc. Based on who the team members have been traveling with for the season. All "parties" will be required to physically distance from each other while on Deer Valley property and at the competition venue.
- Additionally, groups that will be sharing indoor spaces during the event will be considered a "party", only after all individuals in the party have confirmed a negative COVID-19 test result.

Event Contracted Staff, Deer Valley Event Staff COVID-19 Protocols

General COVID-19 Guidelines:

- All individuals are required to wear a mask or approved face covering at all times except when actively skiing or eating. For more information on current COVID-19 guidelines in Summit County, UT please check here
- Adhere to all Deer Valley Resort COVID-19 guidelines while at the Resort and during the competition
- Individuals that receive a bagged lunch will need to stop by the Volunteer Trailer in parking lot #3 at a designated time to pick up their lunch

COVID-19 Screening Protocol:

- All Event Contracted Staff and Deer Valley Event Staff will be assigned a date and time to take a PCR COVID-19 test prior to the event week
- For Event Contracted Staff and Deer Valley Event Staff that interface with multiple competition parties, Deer Valley will require the individual to take a rapid antigen test mid-week
- Event Contracted Staff, Deer Valley Event Staff and Event Volunteers will be required to complete a daily COVID-19 health screening upon arrival to the resort which will be conducted by Deer Valley. Screening will be conducted in parking lot #3 in the Volunteer Trailer
- The screening will be entered into a database for contact tracing purposes
- These individuals will be asked symptom questions. No one who presents symptoms of illness consistent with COVID-19 will be permitted to perform their assignments. If an individual presents symptoms, they will not be allowed to proceed with the competition. If an individual comes in close contact with a person of known exposure, he/she is not to report to their respective assignment at the resort
- If an individual suspects they have COVID-19, it is their responsibility to get a COVID-19 test and report the result to the appropriate Deer Valley Resort COVID-19 coordinator, more information on this can be found on slide 20-21

Deer Valley Daily Operations

(Non-competition related)

- All individuals are required to wear a mask or approved face covering at all times except while actively skiing or eating. For more information on current COVID-19 guidelines in Summit County, UT please check here
- All staff are required to complete a daily COVID-19 health screening process prior to entering the workplace. The screening will be entered into a database for contact tracing purposes
- No staff who presents symptoms of illness consistent with COVID-19 will be permitted to work. If an employee tests positive for COVID-19, or a person they live with tests positive for COVID-19, they are not to report to work
- Staff will use hand sanitizers and handwashing stations frequently during their workday
- Staff will receive continuous training on proper PPE (Personal Protective Equipment) usage and the importance of handwashing, frequent cleaning, and social distancing
- Deer Valley will monitor these requirements and update them to adhere to all State, County, and Local guidelines in a timely manner
- Competition areas will be accessed by credentialed Deer Valley staff only, no other Deer Valley staff will be permitted in the competition areas.
- Deer Valley will continually check restrooms and guest spaces to monitor capacity and cleanliness

Event Volunteers Protocol

General COVID-19 Guidelines:

- All Volunteers will be assigned a date and time to take a pooled PCR COVID-19 test prior to their first shift
- For volunteer assignments that interface with multiple competition parties, Deer Valley will require the volunteer to take a PCR Covid-19 test 72 hours in advance of their first shift and then a rapid antigen test mid-week
- All individuals are required to wear a mask or approved face covering at all times except when actively skiing or eating. For more information on current COVID-19 guidelines in Summit County, UT please check here
- Volunteers will use hand sanitizers and handwashing stations frequently during their workday and practice physical distancing
- Deer Valley Event Staff will be conducting an online volunteer orientations, date TBD, whereby volunteers will tune in and watch and be able to ask competition/volunteer specific questions
- Adhere to all Deer Valley Resort COVID-19 guidelines while at the Resort and during the competition

Check-in:

- Volunteers will be assigned check in times according to their volunteer party. A volunteer party is defined as a group of volunteers performing like duties. Volunteers will only be permitted, one at a time, into the Volunteer Trailer to check in, at which point they will undergo COVID-19 health screening process and receive their bagged lunch for the day
- These volunteers will be asked symptom questions. No one who presents symptoms of illness consistent with COVID-19 will be permitted to perform their assignments. If a volunteer presents symptoms, they will not be allowed to proceed with the competition. If a volunteer comes in close contact with a person of known exposure they are not to report to their respective assignment at the resort. The screening will be entered into a database for contact tracing purposes
- If an individual suspects they have COVID-19, it is their responsibility to get a COVID-19 test and report the result to the appropriate Deer Valley COVID-19 coordinator, more information on this can be found on slide 20-21.

Event Personnel Protocol

(When in indoor spaces)

- All groups that will be sharing indoor spaces during the event will be considered a "party," only after all individuals in the party have confirmed a negative COVID-19 test result and/or passed the COVID-19 health screening
- Those considered a "party" that will be indoors together ie; competition trailers, office spaces, etc. will need to practice physical distancing and wear masks; the OC will provide dividers within confided spaces, where appropriate
- All event personnel are required to wear a mask or approved face covering at Deer Valley at all times except when actively eating or drinking. For more information on current COVID-19 guidelines in Summit County, UT please check here
- Adhere to all Deer Valley Resort COVID-19 guidelines while at the Resort and during the competition
- Event personnel will use hand sanitizers and handwashing stations frequently during their workday and physical distance

Event Registration/Accreditation

- Event Registration/Accreditation office location: Lodges at Deer Valley
- The registration area will be divided into two rooms. One room will be designated as a waiting room, chairs will be spaced 6 feet apart for physical distancing. The second room will be utilized for team check in, one at a time. Only the designated team leader will be allowed to access the registration/accreditation office. The team leader will be required to check over all registration components during their scheduled time and ask for adjustments. No adjustments to registration/accreditation/credentials, etc. will be made after designated registration time frame
- Event Registration/Accreditation Office Hours:
  - 2/1/21: 8 a.m. – 6 p.m.
  - 2/2/21: 8 a.m. - 5 p.m.
  - 2/3/21: 8 a.m. - 8 p.m.
- All teams must pay online, via Square, in advance. No exceptions
- Team Captains Meetings
  - Virtual
- The OC will have a database of all credentials distributed for contract tracing purposes that will supplement the FIS passport system
- All teams will be considered a "party" according to their nation, it is up to the teams if they want to split their party into discipline, gender, etc. based on who the team members have been traveling with for the season. All "parties" will be required to physically distance from each other while on Deer Valley Resort property

Press Protocol

- Press for the 2021 competition will be scaled back this year, with no in-person press room or press conference
- The U.S. Ski and Snowboard team and Deer Valley will work together to determine four to five key press to be onsite to cover the competition and take photos. All other press that wish to cover the competition will need to access the online accreditation form found here. The distribution of competition news is still being finalized, but press will receive updates and information through a press liaison
- The OC will provide Press Security in order to keep the working press areas at the competition venue clear and media physically distanced
- Accredited press will be able to access the venue on skis or via the designated competition walkway

Press COVID-19 Protocol

- Deer Valley will require press to PCR COVID-19 test 72 hours in advance of the competition and then a rapid antigen test mid-week
- Press will be assigned check in times in order to be screened for COVID-19 symptoms. No one who presents symptoms of illness consistent with COVID-19 will be permitted to perform their assignments. If press presents symptoms, they will not be allowed to proceed with covering the competition. If press comes in close contact with a person of known exposure they are not to report to their respective assignment at the resort. Press must complete this process daily when onsite and will only receive their bagged lunch for the day after doing so
- If an individual suspects they have COVID-19, it is their responsibility to get a COVID-19 test and report the result to the appropriate Competition COVID-19 Coordinator, more information on this can be found on slide 19-21
- Press will each be given a map of the press zones in the competition area and must remain in those areas when at the venue
- Live TV and photographers will be assigned different areas to cover the competition

Training/Competition/Finish Area Protocol
(Field of Play)

- Aerials and Moguls teams will be split into Women's and Men's training parties, OC will ask that the nations train together in their respective Women's and Men's parties. Parties will be assigned a training time
- No gathering before inspection, athletes will be sent individually onto course for inspection
- One entry access point to competition start (individuals allowed in the start area will be limited and controlled by event officials)
- National teams, athletes and staff (team parties) will have mapped out space at the competition venue where they can congregate as a party
- Insert Finish Area Drawing

Award Ceremonies

- Awards will be held in the finish area with physically distanced podiums
- No presenters
- Athletes will be called to the podium via the announcer and walk to awards stand to take their award
- Winning athletes are allowing one coach/team member in the finish area for awards

Viewing Areas

- To encourage physical distancing, there will not be spectator zones for the freestyle competitions at Deer Valley this season. Fans are encouraged to tune in to watch or stream on NBC properties
- For those skiing at the resort that choose to ski to the competition venue, the Organizing Committee will have measures in place for ski parties to physical distance from other ski parties and national teams. Should the competition venue begin to get crowded, Organizing Committee and Officials will ask parties to continue with their ski day
- The Organizing Committee will provide a walkway to the competition venue for credentialed access only. This walkway will be controlled by event volunteers to ensure that no one is allowed access without a credential

Broadcast Schedule

(Subject to change)

DATE	TIME	EVENT	NETWORK
Thursday, February 4	4 p.m. EST	Moguls	Olympic Channel
Friday, February 5	2:30 p.m. EST	Dual Moguls	Olympic Channel
Friday, February 5	5:30 p.m. EST	Moguls	NBC Sports Network
Saturday, February 6	4:30 p.m. EST	Aerials	Olympic Channel
Sunday, February 7	6 p.m. EST	Aerials	NBC Sports Network
Sunday, February 7	7 p.m. EST	Dual Moguls	NBC Sports Network
Sunday, February 21	1 p.m. EST	Moguls	NBC Sports
Sunday, March 14	Noon EST	Aerials	NBC Sports

First Aid/Medical Protocol

The OC will adhere to the typical event medical plan with increased COVID-19 best practices as outlined below

- Injury Response
  - Responders will wear appropriate PPE (face covering, gloves, eye protection)
  - One responder will be designated for injured guest interaction. All other responders on scene should maintain a minimum six-foot distance from the guest and other responders
  - Responders will maintain a minimum six-foot distance from the injured guest while not performing a physical assessment
  - If the guest does not a have a face covering, the responder will provide them with one to wear
  - When possible, the responder should maintain a six-foot distance from the injured guest during transportation
  - When possible, conduct assessment and any treatment in an outdoor environment
  - Sanitize all equipment after use
  - Responder and guest information should be documented in order to assist with contact tracing

Doping Protocol

- NGB + OC will work with FIS on doping protocol

HR conference room is reserved in the event of doping

Protocols

More information to come, TBD on if we are having doping tests

Food & Beverage Protocol

- Volunteer and officials' lunches will be provided by Cusine Unlimited. The bag lunches will be individually packaged and distributed in safe and contactless method
- Deer Valley Resort staff will follow employee dining room guidelines
- Deer Valley competition staff can order sack lunches from the employee dining rooms
- To control limited capacities, reservations are required for dining at the resort. Evening and daytime dining reservations are open and can be made through the Deer Valley website or by downloading the resort
- Daytime dining will look quite different this winter, with tables placed to allow for physical distancing as required by current health orders, requiring us to lessen capacities in our restaurants. Our day lodge restaurants in Snow Park, Silver Lake and Empire Canyon Lodges will feature table service and Snow Park Restaurant will also be open for breakfast. Due to the changes in format, we will now be able to offer beer, wine, and cocktail service at these restaurants during the lunch period. **However, these restaurants will ONLY be available with advanced reservations, and no walk-ins or non-dining guests will be allowed in the restaurants at any time.** More information will be communicated to our guests about making day restaurant reservations in coming weeks.
- Competition personnel should be cognizant of the increased chance of virus transmission in an unmasked environment

Lodging Protocol

Prior to arrival: Our residences are all disinfected and sanitized using EPA-registered (Environmental Protection Agency) cleaning agents and hand sanitizers which will be available throughout all properties. All linens are washed in the highest temperature possible using EPA-registered chemicals and bleach, where appropriate. When possible, residences are vacant for 24 hours between guest stays. Please know that we are continuously updating our policies and procedures to follow the latest guidelines and data available.

The check-in process (see Check-in): All teams, Event Officials, and Contracted Staff will check in at either the Lodges at Deer Valley or the Deer Valley Plaza building in order to receive their lodging assignment.

When you arrive: Please plan to wear a mask or face covering, as face coverings are required while inside or queuing for publicly accessed indoor establishments per the Summit County Public Health Order. Guests unwilling to follow this order will be asked to leave Deer Valley property. Our Guest Service staff will ask all guests if they are aware of any personal exposure they have had to COVID-19 positive individuals over the prior 14 days. Our staff may refuse entry and/or request guest's immediate exit of the property if guests show symptoms of sickness.

Signage placed in the garages and front entries will welcome and direct you to your accommodations and outline PPE (Personal Protective Equipment) use and physical distancing guidelines. Physical distancing markers will be placed in areas where queuing may take place.

Please know that we are continuously updating our policies and procedures to follow the latest guidelines and data available. If you have added questions, please reach out to the property directly so we can address your concerns.

During your stay: Daily housekeeping services and maintenance services are available during your stay. If you need anything during your visit, please contact the Front Desk and we will coordinate a time that is convenient for you. Additionally, we ask that you are considerate of individuals not in your party by practicing physical distancing. Elevators will be available for use and we encourage you to only ride the elevator with individuals in your immediate party.

We have updated our daily checklists and procedures to minimize guest and staff contact.

Sponsors

- There will be no on-site event sponsor booth or tents; no sponsor sampling or activation due to COVID-19
- Any sponsors attending the event will be managed by the NGB
- Sponsors will be provided with bagged lunches and day lift tickets if they are on site. This is to encourage them to eat at their own accommodation and treat the sponsor package as a ski day at Deer Valley, not an invitation to watch the event.
- More information to come

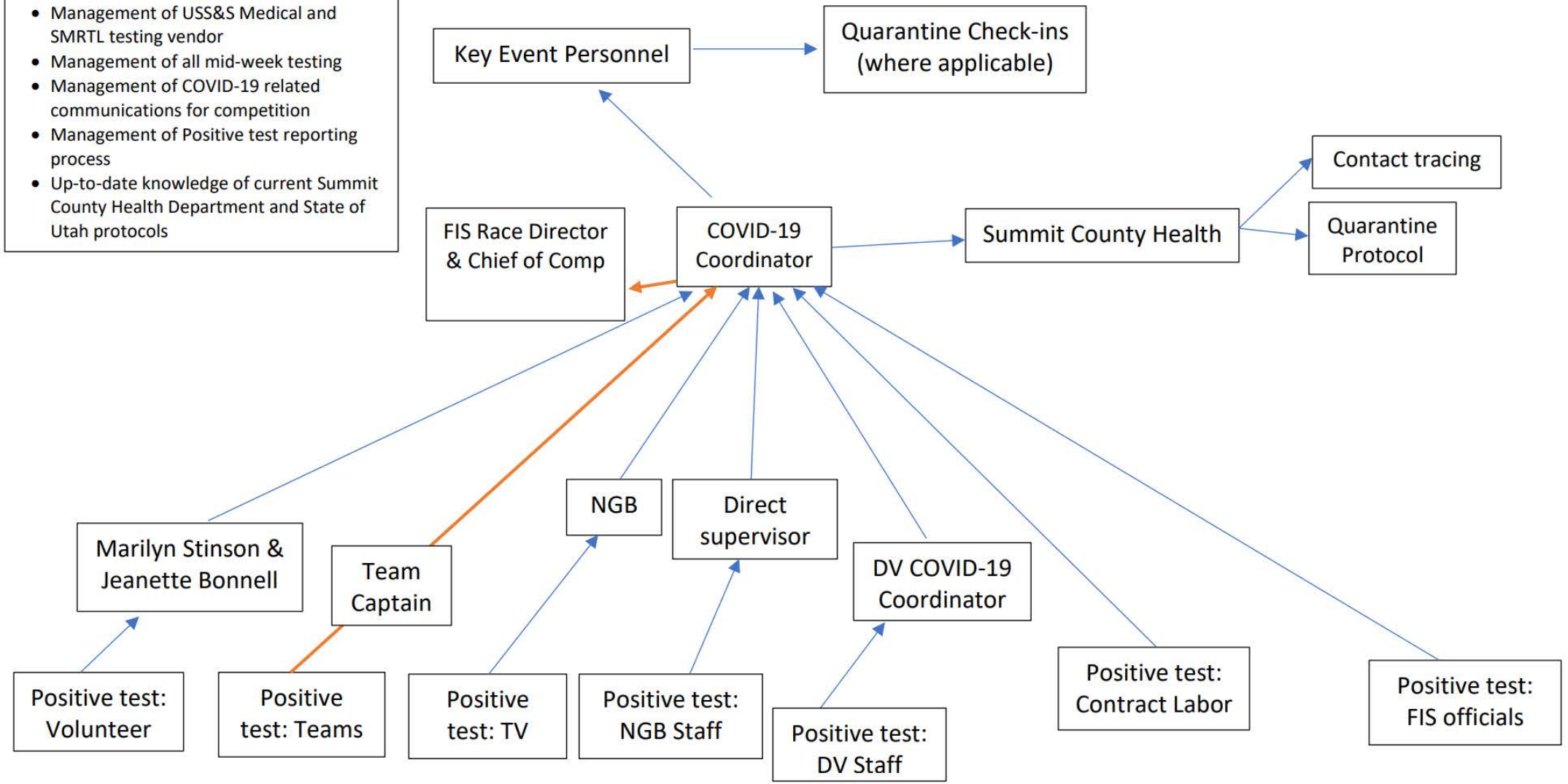
Signage

- The OC will follow their typical competition signage plan. COVID-19 signs will be established and put in place where appropriate in order to encourage and remind competition participants of proper physical distancing and mask protocols and guidelines

COVID Coordinator Responsibilities

- Management of FIS Passport system through NGB
- Management of USS&S Medical and SMRTL testing vendor
- Management of all mid-week testing
- Management of COVID-19 related communications for competition
- Management of Positive test reporting process
- Up-to-date knowledge of current Summit County Health Department and State of Utah protocols

COVID-19 Positive test reporting structure



Positive COVID-19 Test Protocol

- The Covid Coordinators for the competition will be responsible for contact tracing. Close contact means within 6 feet or 2meters and for greater than 15 minutes within 24 hours. Positive cases and those identified as close contact will then be advised to follow CDC recommendations of isolation and quarantine. All test results will be reported to the state, both positive and negative.
- Individual who tests positive must isolate. They can't work, participate, volunteer, travel until symptoms start to get better and they have been fever-free for three (3) days without medicine AND it has been at least 10 days since they first had symptoms or tested positive
- If the individual who tests positive is staying at a Deer Valley lodging property, the lodging division will work with them to arrange accommodation for isolation. Teams are required to pay the FIS accommodation rate for the event time period, January 31 through February 6, 2021 for Moguls and February 1 through 7, 2021 for Aerials. After that time period if isolation is required the Deer Valley Lodging team will work with individual on lodging rates
- Isolation: all COVID-19 positive cases need to isolate for 10 days. Timeline is based on onset of symptoms or test day, that day counts as day 0, individual isolates for 10 days and then on day 11, they are free to move about
- Quarantine for Close Contacts: If you have a party/household/close exposure individuals are required to quarantine for a full 10 days, however 14 days is best, individuals should continue to limit exposure and self-monitor for symptoms for the next 4 days
- If not a household exposure, individuals can test on Day 7 or later no symptoms present one can be released. If no test is complete, individuals are to complete a 10 day quarantine

Contact Information and Line of Command

- The COVID-19 Coordinator and COVID-19 Task Force will keep close communication throughout the event planning process and event days. Event related decisions are made in mutual understanding. When necessary, the experts of different fields are consulted. All the communication is to be as proactive as possible, yet carefully considered.
- Contact information for a positive COVID-19 case (please refer to slide 20 for appropriate communication flow)

Competition COVID-19 Coordinator :

Robyn Hase: robynhase@me.com, 435-640-3452

FIS Race Director:

Andrea Rinaldi: rinaldi@fisski.com, +41-33-244-61-61

Chief of Competition:

Konrad Rotermund: konrad@mainstreamcs.com, 801-558-8618

Deer Valley Resort COVID-19 Coordinator:

Steve Mullins: smullins@deervalley.com, 435-615-6083

Summit County Health Department -

Key Event Personnel:

Carrie Westberg: cwestberg@deervalley.com, 435-513-2786

Victoria Schlaepfer: vschlaepfer@deervalley.com, 303-842-9275

Lindsay Arnold: lindsay.arnold@usskiandsnowboard.org, 435-714-0361

Agenda Item No:

Council Agenda Item Report

Meeting Date: January 21, 2021
Submitted by: Michelle Kellogg
Submitting Department: Executive
Item Type: Minutes
Agenda Section:

Subject:
Consideration to Approve the City Council Meeting Minutes from January 7, 2021

Suggested Action:

Attachments:
January 7, 2021 Minutes

PARK CITY COUNCIL MEETING MINUTES - DRAFT
445 MARSAC AVENUE
PARK CITY, SUMMIT COUNTY, UTAH 84060

January 7, 2021

The Council of Park City, Summit County, Utah, met in open meeting on January 7, 2021, at 3:00 p.m. The meeting was a remote, electronic meeting due to the declared public health emergency.

Mayor Beerman read the Determination of Substantial Health and Safety Risk.

WORK SESSION

Park City Arts and Culture District – Follow Up Discussion:
Julia Collins, Transportation Planner and Jerry Benson, Transit Consultant, discussed the Transit proposal for the district. Benson reviewed a study was performed to determine the best routes to service this district using the original underground plans, and noted there were many constraints. Staff revised the plan so the efficiency of the Transit system was enhanced. Collins stated staff reviewed several alternatives for buses exiting onto Kearns Boulevard. The preferred Transit solution was four at-grade stations – two on Kearns Boulevard and two on Bonanza Drive.

Council Member Joyce clarified there were already stops on these roads, but the new locations would be more convenient. Collins confirmed and stated the proposed sites would accommodate more buses. Council Member Doilney stated pedestrian behavior was different at those two locations. Council Member Joyce liked that the stops would be out of traffic, but stated this was an improvement to the existing routes instead of a new feature of the Arts and Culture district. Council Member Henney didn't think the Arts and Culture district would replace the Old Town Transit Center as the priority hub, but it could be a hub for riders coming from Quinn's Junction Park and Ride, in that it would disperse them from the district. He had concerns with people getting off the bus on the opposite side of the street from the district and suggested moving the northbound Bonanza stop closer to the Rail Trail Tunnel. He indicated the HAWK crossings on Bonanza could really impact traffic at certain times of day.

Council Member Worel was concerned with the northbound Bonanza stop as well and favored moving the stop closer to the tunnel. Council Member Doilney stated the tunnel went in the opposite direction so a pedestrian wanting to get to the district would walk 50 yards out of the way. He felt this was the reason most pedestrians used the HAWK crossing. He knew people would adjust to the new transit configuration. Council

Member Henney hoped to mitigate the existing congestion with the new routes and the new Transit hub.

Mayor Beerman asked if a pedestrian tunnel could parallel the bus tunnel if the bus tunnel option was chosen. Collins stated one constraint was the cemetery, but a tunnel ramp could fit by Zions Bank or Wells Fargo Bank. Collins thought passengers coming inbound from Kearns would turn on Bonanza and disembark in front of the district. Mayor Beerman stated the pedestrian bridge was expensive because of the angle and he suggested moving the bridge to the south since the bus stops were being moved to the south. Everitt stated staff was thinking about the district in relation to other transit stops and how it would work so passengers wouldn't have to transfer buses.

Council Member Gerber indicated it would be nice to have multiple hubs because the routes were currently very long. She hoped the designs would be planned so infrastructure was in place for future expansion.

Benson stated Transit was linked to pedestrian traffic. Park City was doing a lot on pedestrian mobility, but there was more work to be done on pedestrian safety. Council Member Henney asked for a comprehensive explanation on where the preferred principal hub would be and how Quinn's Park and Ride would fit into the plan. Council Member Joyce thought the district would be the new hub because that was where the bus rapid transit (BRT) would end. He also asked for a proposal for the Kearns/Bonanza intersection. Everitt explained there was a disconnect from the City's perspective on the BRT terminus versus the system wide perspective for the terminus. He thought the Old Town Transit Center would be the terminus due to the ski resort locations. He hoped to link the district transit to the Old Town hub by linking pathways and bike lanes in order to make the connection easier. Benson stated the recommended proposal would work for Park City’s destinations, meaning Old Town and the resorts, today and for the near future. There was a lot in play, with the County Transit separation and the resort base developments. A short range transit plan was being developed, but in the meantime the current proposal would serve the destinations that were key to the City without a lot of delay and operating cost.

Mayor Beerman summarized Council initially thought the district hub would take pressure off the other hubs and would also be a hub for future transportation alternatives. This was a nice node for the system as proposed. Benson stated as part of the short range transportation plan, they asked consultants to take the node to the next level and study the impacts to the area and surrounding property owners. Council Member Henney asked staff to work with the County in identifying the terminus for BRT.

Jason Glidden discussed the housing goal in relation to the district. He indicated the number of primary homes stayed relatively steady over the years while secondary home numbers were rising. Council Member Worel stated many second homeowners were

moving to Park City full time and asked if staff had numbers on that change in status. Glidden indicated Park City would know more after property taxes were paid next year. He asserted the building costs for new units were increasing dramatically. He also reviewed the breakdown of jobs in Park City and noted the majority were service oriented. Glidden stated of the 14,282 jobs, over 60% were hourly wages with the median income for hourly employees at $42,000 per year. At this wage, it was impossible for workers to buy into the real estate market. There was a demand for rental units.

Glidden noted there was an 18-24 month waitlist on rental units, with smaller units being in greater demand so people could live alone. He stated because of the initial cost, there was lower diversity in owned units than the rental models. He also felt revenue would be generated with rentals that could enable the City to maintain the Housing Fund for a longer period of time.

Glidden reviewed research done on micro units that were proposed for the district and indicated they cost more to build, but savings were seen with reduced utility and commute costs. He noted these units were popular with Millennials and Baby Boomers. Studies also showed that the micro units out performed conventional units. Everitt stated the proposed housing was planned from looking at market demand, type of units and the highest number of units that could fit on the site given the building height constraints. Daenitz stated the proposal had deviated from the established housing pipeline because there were complications with the sale model, including the lack of a perpetual funding source for future affordable housing. The Woodside II project included market rate units that would have helped fund the project, but it was no longer on the table for being constructed. Looking at the rental model, the revenue from the district's rental units would pay for future affordable housing project debt.

Council Member Joyce asked where the $9 million allocated for housing in the second phase of the district would go. Daenitz stated the use of those units was not certain so he didn't include it in the model. Mayor Beerman stated a rental model would pay for a bond for the Homestake project and asked how rent would factor in with a bond guarantee. Daenitz stated it was a lower credit revenue source. Mayor Beerman asked if it would affect the overall City bond rating. Daenitz stated it would be rated independently against the credit of the Housing Authority.

Daenitz reviewed proposed rental model parameters and stated the district housing was the most affordable with units targeting 60% AMI households. The Homestake project was a more expensive project and the proposed AMI was 80%-85%. Council Member Joyce stated units in the district were double the cost of Homestake and asked for clarification. Daenitz responded that part of the cost for the district housing was parking expenses, which he did not include in the unit costs.

Council Member Joyce asked if operational expenses were built into the numbers presented. Daenitz stated the numbers were a preliminary guess. He also indicated the bond would meet the 65% threshold and was financially viable.

Glidden asked what Council felt was the more important part of the housing goal: to maximize units or serve a lower AMI level. He asked what segment of the market the City wanted to serve: couples with $150,000 or more income per year or workers making $50,000 a year who wanted to live in the City limits. He asked what financial risks the City wanted to own: the sales model, which required a higher subsidy or a rental model, which was a revenue generator. He also asked for feedback on charging a parking fee or giving a rent reduction for renters not choosing parking.

Council Member Worel asked about housing for visiting artists who were not here for extended periods. Everitt stated the Phase I building would not be used for short-term housing, but future housing buildings would incorporate housing for short-term needs. Council Member Joyce suggested having a partnership for those short-term units in order to share the cost, with each partner owning a portion of the units. He was concerned about the costs and requested more data on that. Council Member Henney suggested collecting data from Mountainlands Community Housing. He agreed with Council Member Joyce on his concern with the cost per unit for the micro units. Everitt stated the cost included landscaping, parking, soils removal, net zero systems, etc.

Council Member Doilney asked what costs included in this estimate were not in the Homestake estimates. Everitt stated the mass timber, the building height enclosure, and soils removal costs would be eliminated with the Homestake project. He knew this was expensive, but stressed there was great value in having housing on this campus. Council Member Doilney requested the community benefits be separated from the housing cost. Council Member Gerber stated things like sidewalk costs that would be used by artists and the public could be removed from the housing cost breakdown. Everitt noted the design was top notch and that had to be taken into account. Council Member Gerber asked if the City could recoup parking construction costs if it charged for parking. Everitt stated that would be part of the operation side of the district. He asserted each unit had its own kitchen and bathroom, which drove up the cost. He agreed to have a separate cost analysis on this housing project. Council Member Henney stated the $325,000 per unit cost that was typical to the Homestake housing project was fair and he was supportive, but he would not support the $600,000 per unit cost for the district. He suggested adding units to the Homestake project and eliminating housing for the district.

Council Member Doilney asked if Council Member Henney was favorable to higher density in Homestake. He suggested the district housing could be market rate with some restrictions, such as requiring full time residents and charging extra for parking. Council Member Henney favored those ideas. Council Member Gerber indicated Park

City didn't have a lot of land and space was needed for affordable housing. She didn't want to value engineer all the design out, but some of the costs could be cut. She also asked if the costs for the other aspects in the district would increase if housing was eliminated. She asked if the Homestake project could be funded if it was constructed first. She was in favor of trying to decrease the cost of the units in the district.

Council Member Worel liked Council Member Doilney's idea to use market rate units to offset some of the cost. She also thought the City could partner with a private developer in constructing these units. Council Member Henney asked Council Member Gerber what her threshold was for the cost per unit in the district. Everitt stated he would look at having a portion of the units market rate in order to offset the cost for the remaining units. Council Member Doilney stated the City considered having a portion of market rate in Woodside II, and he didn't want that option removed with future projects. He also liked the private developer partnership idea. Council Member Gerber didn't want to trade off valuable land when a rental model was viable.

Mayor Beerman asserted that although the City could finance the project, that didn't mean it was wise use of funds. He asked if Council should also look at market rate commercial, which would be more lucrative and help subsidize the housing. Council Member Doilney felt all ideas had to be considered. Council Member Henney thought the district and Homestake should be considered at the same time since they would be connected with the walkability project. Council Member Joyce suggested moving the first phase of housing to Homestake and then moving some of the studio space to the second floor of Building One. After Building One was completed, the food court building could be built. The rest of the land could be sold or used for other purposes. Mayor Beerman asked if Council favored mixing in commercial. Council Member Henney suggested having Mountainlands Community Housing model the Homestake parcel for housing. Council Member Worel agreed with the idea for Mountainlands to model Homestake. She also wanted to explore new ideas like incentives that could be given to make the project viable for a private developer.

Mayor Beerman opened the meeting for public input.

Aldy Milliken, Executive Director, Kimball Art Center (KAC), read a prepared statement (attached) and indicated he supported the construction of the district. He stated KAC paid over $500,000 toward its building in the district thus far and he needed a commitment from the City that this project would proceed. He thought the district would jumpstart growth in this area. He also indicated the Sundance building would be the pinnacle of the district and having Sundance in Park City was priceless.

Dan Lemaitre, KAC Board, thanked the City Council for the support given this year. He stated this property had unique challenges and currently did not have enough foot traffic. The district needed to be interactive to draw the foot traffic. He needed some

governance model so as elected officials came and went, the model would be in place. He liked some comments on retail because that would draw traffic. He needed a confirmation from the City so the board could move forward.

Ed Parigian was glad the Council was having this discussion and he looked forward to more. He also liked the discussion on Homestake.

Jaimie Mitchell, KAC employee, stated Park City was considered a recreation destination and she looked forward to it being an arts and culture center as well. She felt this would be a destination where she could bring her son and help him grow to be a cultured person.

Mayor Beerman closed the public input portion of the meeting.

Council Member Worel reviewed she hoped to explore private developer partnerships. Council Member Gerber asked for the district housing numbers to be reviewed by those who had worked on previous City affordable housing projects. Council Member Joyce agreed with Council Member Henney that the cost was too much. He complimented Collins and Benson for their work to make transit work. Council Member Henney thanked staff for the honest numbers, and stated it was an opportunity to make adjustments. He wanted Homestake looked at as part of the district. He wanted to see if Mountainlands could build the housing at Homestake. He also thought paid parking or satellite parking was a viable option. Also, he favored a mix of affordable and market rate units to offset the taxpayer subsidy. He felt the district could be transformational for the community.

REGULAR MEETING

I) ROLL CALL

Attendee Name	Status
Mayor Andy Beerman Council Member Max Doilney Council Member Becca Gerber Council Member Tim Henney Council Member Steve Joyce Council Member Nann Worel Matt Dias, City Manager Mark Harrington, City Attorney Michelle Kellogg, City Recorder	Present via technology
None	Excused

II) APPOINTMENTS

1. Appointment of a Mayor Pro Tem and Alternate for Calendar Year 2021:

Council Member Gerber moved to approve Max Doilney as the Mayor Pro Tem and Tim Henney as the Alternate Mayor Pro Tem. Council Member Worel seconded the motion.

RESULT: APPROVED
AYES: Council Members Doilney, Gerber, Henney, Joyce, and Worel

III) COMMUNICATIONS AND DISCLOSURES FROM COUNCIL AND STAFF

Council Questions and Comments:

Council Member Doilney promoted picking up trash on the trail. Council Member Henney attended a Joint Transportation Advisory Board (JTAB) meeting and indicated Quinn's Park and Ride was discussed as well as the regional transit system.

Council Member Worel reminded the community about small business free rapid COVID testing for employees, and noted exposed individuals were in quarantine for seven days and could work if they tested negative at the end of the quarantine period.

Council Member Joyce stated Tuesday was Coffee with Council and the topic was on the City's finances. He indicated there were good questions from the public.

Mayor Beerman commented that what happened at the Capitol Wednesday was not who Americans are. Leaders had to act like leaders and they should know the entity came first, not the individual. He felt the City needed to build its capacity for tolerance and empathy.

Staff Communications Reports:

1. Renewable Energy Project for City Operations:

Mayor Beerman asked why the utility was expected to be completed fall of 2022. Cartin indicated because of COVID, the financing delay, and the extended hearing with the Public Service Commission, the project was delayed. Mayor Beerman congratulated Cartin on his work to this point.

Council Member Doilney stated Rocky Mountain Power dropped its rates and he asked if they could self-regulate up to 15%-20% because they set the standard. Cartin stated they dropped the rate because of renewables. Their regulated rate of return was 12% and the financials were systematically reviewed by regulators. Council Member Doilney asked if over-building the system would result in future rate drops. Cartin stated the

system was not seeing consumer growth because of conservation so that's why the customers saw the rate reduction.

Matt Dias affirmed the progress for this project was astounding.

2. COVID-19 Community Support Measures:

IV) PUBLIC INPUT (ANY MATTER OF CITY BUSINESS NOT SCHEDULED ON THE AGENDA)

Mayor Beerman opened the meeting for anyone who wished to comment on items not included on the agenda. No comments were given. Mayor Beerman closed the public input portion of the meeting.

V) CONSIDERATION OF MINUTES

Consideration to Approve the City Council Meeting Minutes from December 10, 15, and 17, 2020:

Council Member Gerber noted on the December 10th minutes, Page Three, Line 41, that the affordable housing goal was 800 new units.

Council Member Worel indicated on the December 17th minutes, Page Five, Lines 14-15, the City had an obligation to honor its commitment to the community and its partners.

Council Member Henney stated on the December 10th minutes, Page Six, Line Nine, the grant for Communities that Care could be renewed each year for 10 years for $125,000.

Council Member Worel moved to approve the City Council meeting minutes from December 10, 15, and 17, 2020 as amended. Council Member Henney seconded the motion.

RESULT: APPROVED
AYES: Council Members Doilney, Gerber, Henney, Joyce, and Worel

VI) OLD BUSINESS

1. Skier Day Parking at Deer Valley Snow Park Base Area Update:

Steve Issowitz, Deer Valley Resort, stated they were working with the City on parking along Deer Valley Drive. He praised City staff for their efforts. He introduced Jeremy Levitt, the new president of Deer Valley. Levitt reviewed his career in the ski resort industry and stated he had been in Park City for two months. Safety was the top priority for his staff so that the resort could stay open.

Council Member Henney asked if the capacity in the parking lots was related to lowering the skier limit on the hill. Levitt stated the pass sales spiked and most of those users flew to Utah and stayed at the resort so they didn't have cars. He was unsure of holiday parking. Issowitz indicated before the holidays the lots were filled at a higher level. The discussion tonight was for the resort to be prepared in the event of overflow parking. Council Member Worel commended Deer Valley staff on the safety with the lift lines.

Alex Ananth, Senior Planner, stated Deer Valley requested overflow parking on the west side of Deer Valley Drive to the Y, as well as having an express bus from the Prospector area to Deer Valley Resort. She reviewed the Deer Valley operational plan, including overflow parking for an additional 142 stalls. She indicated there were five overflow days last ski season. Regarding the Transit request, the winter service was reduced due to COVID budget constraints, but this request would be considered for next season.

Council Member Doilney asked if Deer Valley overflowed to the Y before. Ananth stated during special events they were allowed to have overflow parking to the Y. Council Member Henney stated having parking only on the west side of Deer Valley Drive last year was so much better than previous years. He indicated there were times in years past when both sides of the street had parking to the Y. Council Member Henney commented that 1,340 cars at the resort were too many and traffic was crippled with the outload. He hoped to improve that in the future. Council Member Doilney stated solutions for direct bus routes to Deer Valley needed to be found. Council Member Joyce stated transit and paid parking would solve that problem. Council Member Gerber complimented Deer Valley on their safety measures. She felt this parking request was a good solution for this situation.

Issowitz stated traffic in general remained an issue for Park City. Mayor Beerman stated the community was grateful Deer Valley was open. The City made many exceptions this year and it was willing to help Deer Valley. In the future, the extended parking might be harder to get approved. But he hoped transit would fill that need.

Mayor Beerman opened the meeting for public input. No comments were submitted. Mayor Beerman closed the public input portion of the meeting.

VII) NEW BUSINESS

1. Consideration to Approve Ordinance 2021-01, an Ordinance Approving the 2021 Regular Meeting Schedule for City Council:

Council Member Henney moved to approve Ordinance 2021-01, an ordinance approving the 2021 regular meeting schedule for City Council. Council Member Worel seconded the motion.

RESULT: APPROVED
AYES: Council Members Doilney, Gerber, Henney, Joyce, and Worel

2. Consideration to Approve Ordinance No. 2021-02, an Ordinance Approving an Extension of City Council's January 15, 2019 Approval of Ordinance No. 2019-03, an Ordinance Approving the 510 Ontario Avenue Plat Amendment, Located at 510 Ontario Avenue, Park City, Utah, and Ordinance No. 2019-04, an Ordinance Amending Ordinance No. 15-12 and Approving the Roundabout Condominiums First Amendment, Located at 300 Deer Valley Drive, Park City, Utah:

Rebecca Ward, Land Use Planner, presented this item and stated some of the area was transferred without City approval. There were negotiations, but they were not approved before the plat approval expired so the developer requested an extension. She recommended that both plats be recorded on the same day.

Mayor Beerman opened the public hearing. No comments were submitted. Mayor Beerman closed the public hearing.

Council Member Worel asked why staff recommended a year extension when they were so close to recording. Ward stated several departments and agencies needed to sign the plat and that could take time.

Council Member Joyce moved to approve Ordinance No. 2021-02, an ordinance approving an extension of City Council's January 15, 2019 approval of Ordinance No. 2019-03, an ordinance approving the 510 Ontario Avenue Plat Amendment, located at 510 Ontario Avenue, Park City, Utah, and Ordinance No. 2019-04, an ordinance amending Ordinance No. 15-12 and approving the Roundabout Condominiums First Amendment, located at 300 Deer Valley Drive, Park City, Utah. Council Member Doilney seconded the motion.

RESULT: APPROVED
AYES: Council Members Doilney, Gerber, Henney, Joyce, and Worel

3. Consideration to Approve Ordinance No. 2021-03, an Ordinance Approving the King's Crown Re-Subdivision Second Amended Lot Line Adjustment Plat, Amending Lots 27, 28, and 29, Located in Park City, Summit County, Utah:

Rebecca Ward stated this was a lot combination which complied with the development agreement and MPD/CUP approval. The Planning Commission gave a maximum 3,900 building square footage for each lot. She noted the public input that was included with the staff report was directed at Building D and not this ordinance. Rory Murphy, Developer, stated the project should be completed in the next year.

Mayor Beerman opened the public hearing. The following comment was submitted:

Elena Stein e-Comment: "Thank you for including our input on the last 12/9/20 planning commission meeting. We love our neighborhood and hope that the new development fits and conforms to the rest of the neighborhood in terms of size and scale of the buildings relative to neighboring properties. The proposal from the planning commission for 3,900 max square feet per each single family home seems reasonable unless it needs to be smaller according to existing land code in our zone given the sloping topography and the unmistakable visual impact on Park City "post card" of the town image. We also hope the new buildings will be built with minimal disruption to our life on the street (we are at 1232 Lowell) with someone patrolling the roads for safety given so much machinery and equipment that is necessary to support the construction efforts across the street from us."

Mayor Beerman closed the public hearing.

Council Member Joyce asked about the HOA fees when there was a lot combination. Murphy stated the breakdown would be reset based on the new number of lots.

Council Member Henney moved to approve Ordinance No. 2021-03, an ordinance approving the King's Crown Re-Subdivision Second Amended Lot Line Adjustment Plat, amending Lots 27, 28, and 29, located in Park City, Summit County, Utah. Council Member Worel seconded the motion.

RESULT: APPROVED
AYES: Council Members Doilney, Gerber, Henney, Joyce, and Worel

4. Consideration to Approve Ordinance 2021-04, an Ordinance Accepting the Public Improvements for the Park City Heights, Phase 1 Subdivision and Park City Heights, Phase 2 Subdivision:

Corey Legge, Deputy City Engineer, presented this item and stated the public improvements had exceeded the one year warranty period. Public Works did snow removal for Park City Heights Phase I, but they would not remove snow on Phase II until 50% of homes obtained their certificates of occupancy.

Mayor Beerman opened the public hearing. No comments were submitted. Mayor Beerman closed the public hearing.

Council Member Joyce asked if there was a visual inspection before the City accepted the public improvements. Legge stated there was a 4% inspection fee and in this situation the fee went to a third party inspector. The City would hold a final inspection by City staff as well.

Council Member Joyce moved to approve Ordinance 2021-04, an ordinance accepting the public improvements for the Park City Heights, Phase 1 Subdivision and Park City Heights, Phase 2 Subdivision. Council Member Doilney seconded the motion.

RESULT: APPROVED
AYES: Council Members Doilney, Gerber, Henney, Joyce, and Worel

5. Consideration to Approve Resolution 01-2021, a Resolution Adopting the American Public Works Association (APWA) Standard Specifications/Plans and the Park City 2020 Supplemental Standard Plans and Specifications as the Standards to be Used for the Design and Construction of Projects, Including Private Development, within Existing and Future Public Right of Way:

John Robertson, City Engineer, presented this item. He stated he started working at the City a year ago and his first observation was that these standards needed to be updated. He stated the standards helped contractors have a uniform standard of materials and requirements. The standards were consistent with State and Federal regulations. Having standards helped improve the longevity of improvements and also protected the City from potential litigation. He noted the APWA water standards would not be adopted because Park City had created supplemental standards that addressed its water system, and they were attached to the APWA standards.

Council Member Doilney asked if there was language in the standards that would hamper Park City's authority to regulate 5G towers. Robertson stated a separate set of standards was being drafted specifically for 5G facilities. Council Member Doilney stated there were regulations for rubber and steel plates on driveway entrances, and asked how that would be enforced. Robertson stated if someone had an improvement permit for work, the City would require them to remove the plate at that time.

Mayor Beerman opened the public hearing. No comments were submitted. Mayor Beerman closed the public hearing.

Mark Harrington, City Attorney, noted language needed to be added to the resolution. In Section One, the second sentence would read, "The APWA Standards and Supplemental Standards are hereby adopted as attached." In Section Two, the word resolution would replace ordinance.

Council Member Doilney moved to approve Resolution 01-2021, a resolution adopting the American Public Works Association (APWA) Standard Specifications/Plans and the Park City 2020 Supplemental Standard Plans and Specifications as the standards to be used for the design and construction of projects, including private development, within existing and future public right of way, in a form approved by the City Attorney. Council Member Worel seconded the motion.

RESULT: APPROVED
AYES: Council Members Doilney, Gerber, Henney, Joyce, and Worel

VIII) ADJOURNMENT

IX) PARK CITY HOUSING AUTHORITY MEETING

I) ROLL CALL

Attendee Name	Status
Chair Andy Beerman Board Member Max Doilney Board Member Becca Gerber Board Member Tim Henney Board Member Steve Joyce Board Member Nann Worel Matt Dias, Executive Director Mark Harrington, City Attorney Michelle Kellogg, Secretary	**Present via Technology**
None	**Excused**

II) PUBLIC INPUT (ANY MATTER OF CITY BUSINESS NOT SCHEDULED ON THE AGENDA)

Chair Beerman opened the meeting for public input on items not included on the agenda. No comments were submitted. Chair Beerman closed the public input portion of the meeting.

III) NEW BUSINESS

1. Consideration to Approve Resolution HA 01-2021, a Resolution Establishing a Regular Meeting Date, Time, and Location for 2021 Meetings and Appointing Officers of the Board of Directors of the Housing Authority of Park City, Utah:

Chair Beerman opened the public hearing. No comments were submitted. Chair Beerman closed the public hearing.

Board Member Gerber moved to approve Resolution HA 01-2021, a resolution establishing a regular meeting date, time, and location for 2021 meetings and appointing officers of the Board of Directors of the Housing Authority of Park City, Utah. Board Member Henney seconded the motion.

RESULT: APPROVED
AYES: Board Members Doilney, Gerber, Henney, Joyce, and Worel

IV) ADJOURNMENT

X) PARK CITY REDEVELOPMENT AGENCY MEETING

I) ROLL CALL

Attendee Name	Status
Chair Andy Beerman Board Member Max Doilney Board Member Becca Gerber Board Member Tim Henney Board Member Steve Joyce Board Member Nann Worel Matt Dias, Executive Director Mark Harrington, City Attorney Michelle Kellogg, Secretary	**Present via Technology**
None	**Excused**

II) PUBLIC INPUT (ANY MATTER OF CITY BUSINESS NOT SCHEDULED ON THE AGENDA)

Chair Beerman opened the meeting for public input on items not included on the agenda. No comments were submitted. Chair Beerman closed the public input portion of the meeting.

III) NEW BUSINESS

1. Consideration to Approve Resolution RDA 01-2021, a Resolution Establishing a Regular Meeting Date, Time, and Location for 2021 Meetings and Appointing Officers of the Board of Directors of the Redevelopment Agency of Park City, Utah:

Chair Beerman opened the public hearing. No comments were submitted. Chair Beerman closed the public hearing.

Board Member Joyce moved to approve Resolution RDA 01-2021, a resolution establishing a regular meeting date, time, and location for 2021 meetings and

appointing officers of the Board of Directors of the Redevelopment Agency of Park City, Utah. Board Member Henney seconded the motion.

RESULT: APPROVED
AYES: Board Members Doilney, Gerber, Henney, Joyce, and Worel

IV) ADJOURNMENT

With no further business, the meeting was adjourned.

_____
Michelle Kellogg, City Recorder

Council Agenda Item Report

Meeting Date: January 21, 2021
Submitted by: Michelle Kellogg
Submitting Department: Executive
Item Type: Resolution
Agenda Section:

Subject:
Consideration to Approve Resolution 02-2021, a Resolution Proclaiming February, 2021, as Dental Health Month in Park City
(A) Public Input (B) Action

Suggested Action:

Attachments:
Children's Dental Health Month Staff Report

Exhibit A: Children's Dental Health Month Resolution

City Council
Staff Report

Subject: Children's Dental Health Month
Author: Michelle Kellogg
Department: Executive
Date: January 21, 2021
Type of Item: Administrative

Recommendation
Approve the proposed resolution proclaiming February 2021, as Children's Dental Health Month.

Executive Summary
Peoples Health Clinic started in 1999 as the dream of local medical providers and community members who realized the enormous need for low-cost health services in the Park City area. This organization supports Children's Dental Health Month and requests that the City Council adopt a supporting resolution. To stay in line with current health precautions, the Peoples Health Clinic will host a Facebook Live event in February for parents and children regarding the importance of proper teeth cleaning, and will also provide dental goodie bags to the first 100 participants.

Children's Dental Health Month is an opportunity for Park City to unite citizens of Utah and raise public awareness about the importance of preventative dental care.

Department Review
Legal and Executive Departments

Funding Source
There are no commitments associated with this resolution.

Resolution 02-2021

A RESOLUTION DECLARING FEBRUARY 2021 AS CHILDREN'S DENTAL HEALTH MONTH IN PARK CITY

Whereas, our community recognizes that the success of Park City depends on supporting every individual without medical insurance so they may pursue their dreams and strengthen our county; and

Whereas, we recognize that through dental education and regular preventative dental care, tooth decay is almost completely preventable, and children can remain healthy and contribute to the success of their community, as their healthy smiles are the cornerstone of our resort town; and

Whereas, research shows that through supervised tooth brushing programs and preventative care children can reduce dental-related illness, which causes kids in the U.S. to miss 51 million school hours each year starting as early as first grade; and

Whereas, through a balanced diet, brushing and flossing after every meal, and regular dental check-ups, children can avoid cavities and remain healthy; and

Whereas, in 2021 children who reside in Utah can visit People's Health Clinic and receive dental exams and education at no cost; and

Whereas, Children's Dental Health Month is an opportunity for Park City to unite citizens of Utah to raise public awareness about the importance of preventative dental care for all people; and

Therefore, the Mayor and City Council of Park City, Utah, hereby declare February, 2021, as Park City's Children's Dental Health Month.

PASSED AND ADOPTED this 21st day of January, 2021.

PARK CITY MUNICIPAL CORPORATION

_____

Mayor Andy Beerman

Attest:

_____
Michelle Kellogg, City Recorder

Approved as to form:

_____
City Attorney’s Office

City Council Staff Report

Subject: Outdoor Lighting Amendments
Application: PL-20-04545
Authors: Rebecca Ward; Elizabeth Jackson
Date: January 21, 2021
Type of Item: Legislative – Land Management Code Amendment

Recommendation

Review the outdoor lighting amendments, hold a public hearing, and consider adopting Ordinance No. 2021-05.

Description

Applicant:	Planning Department
Zoning District:	Citywide
LMC Sections:	15-3-3, *General Parking Area and Driveway Standards* 15-3-4, *Parking Garages and Structures* 15-5-1, *Policy and Purpose* 15-5-5(J), *Lighting* 15-15-1, *Definitions* 15-15-2, *List of Defined Terms*
Reason for Review:	The Commission has the primary responsibility of reviewing Land Management Code amendments and forwarding a recommendation for City Council's consideration. The City Council holds a public hearing and takes Final Action.

Acronyms

IDA	International Dark-Sky Association
LMC	Land Management Code
MCPC	Municipal Code of Park City
SBDC	Snyderville Basin Development Code

Terms that are capitalized as proper nouns throughout this staff report are defined in LMC § 15-15-1.

Background

The policy of mitigating outdoor lighting impacts is woven throughout the General Plan and Land Management Code (LMC). The General Plan establishes a strategy to ~~–m~~improve visibility of night sky through enforcement of the existing light ordinance and potential enactment of a new night sky ordinance."[1] The LMC is ~~-d~~esigned, enacted, restated and reorganized to implement the goals and policies of the Park City General Plan . . . [for the] preservation of night skies."[2]

The concept of regulating the community's outdoor lighting in order to preserve and enhance night sky visibility has been a topic of discussion in Park City for years.

[1] City Implementation Strategy 5.14, p. 11
[2] LMC § 15-1-2(F)

Ordinance No. 98-7 (p. 237) established the current outdoor lighting regulations. Enacted in 1998, this Ordinance was developed to minimize light trespass, glare, and light pollution.

In addition to the lighting regulations implemented in the 1990s, the City recognized the need for increased improvements to night sky protections. In 2010, the City Council passed Resolution No. 22-10, which outlined a goal to incorporate environmental considerations as an integral part in assessing growth management options, land use plans, transportation plans, and development proposals. Objective 4.3 of the Resolution is to —[i]mprove visibility of night sky."

However, the City's outdoor lighting ordinance has not been updated since 1998 and does not reflect current best practices, LEDs, or light fixtures that are Fully Shielded to direct light downward, reducing glare and light pollution. On May 13, 2020, the Planning Commission prioritized amending the outdoor lighting ordinance (Staff Report; Minutes, p. 4).

The Planning Commission conducted the following work sessions and public hearings on the proposed amendments:

September 9, 2020 work session	Staff Report; Minutes, p. 7
November 11, 2020 public hearing	Staff Report; Minutes, p. 13
December 9, 2020 work session	Staff Report; Minutes, p. 5
January 13, 2021 public hearing	Staff Report; Audio

The Commission discussed streetlights, seasonal lights on Main Street, trail lights, potential waste and recycling of retrofit fixtures and bulbs, public safety, recreational lights, and the impacts of requiring compliance for all properties by December 31, 2024.

On January 13, 2021, after extensive discussion focused largely on whether to require existing properties to comply with the proposed requirements by a date certain, the Commission voted unanimously to forward a positive recommendation of the ordinance to City Council with the following changes:[3]

- Clarify that exceptions for Historic fixtures apply only to Historic Sites (redline 410);
- Allow approval of outdoor lights that exceed 12' above Existing Grade with additional shielding in Ridge Line Areas and on Steep Slopes (redline 421);
- Add a subsection to the compliance timeline stating that property owners shall not replace outdoor lighting with non-compliant fixtures (redlines 514-515); and

[3] These changes are shown in blue in Exhibit A

- Remove the provision that requires existing properties to comply with the proposed ordinance by the end of 2024, resulting in no date certain for existing properties to come into compliance.

The most significant change is regarding the compliance timeline. Staff proposed that outdoor lights citywide be brought into compliance with the new standards by December 31, 2024. This recommendation was based on the following:

- Summit County recently enacted a similar outdoor lighting ordinance. The County requires all outdoor lighting to be brought into conformance with the new code in five years, which will be in March of 2024.[4]
- 306 community members participated in a Dark Sky Engage Park City survey and 73.9% of respondents felt they could bring their outdoor lighting into compliance with the proposed code by December 31, 2024.
- Staff added a subsection to the proposed code that would permit certain low Lumen fixtures that are not Fully Shielded. This subsection encompasses outdoor lighting fixtures approved by the Planning Department in the past five years, although some properties may have been required to change out a light bulb. Additionally, the subsection would allow property owners flexibility for retrofitting glass outdoor fixtures that may have been approved prior to 2015. Staff reached out to lighting manufacturers and they outlined steps they take to make certain light fixtures compliant with night sky standards, including painting, chemical etching, sandblasting, and insertion of liners.

However, ultimately the Commission recommended that property owners with existing outdoor lights only be required to replace existing light bulbs. The Commission replaced redlines 497-501 with language stating —[a]ll outdoor lighting legally existing and installed prior to the effective date of this outdoor lighting subsection, and which is not exempted, shall be updated with lights that comply with the 3,000 degrees Kelvin requirement by December 31, 2024" (see redlines 504 – 507).

The goals of the proposed outdoor lighting amendments are to:

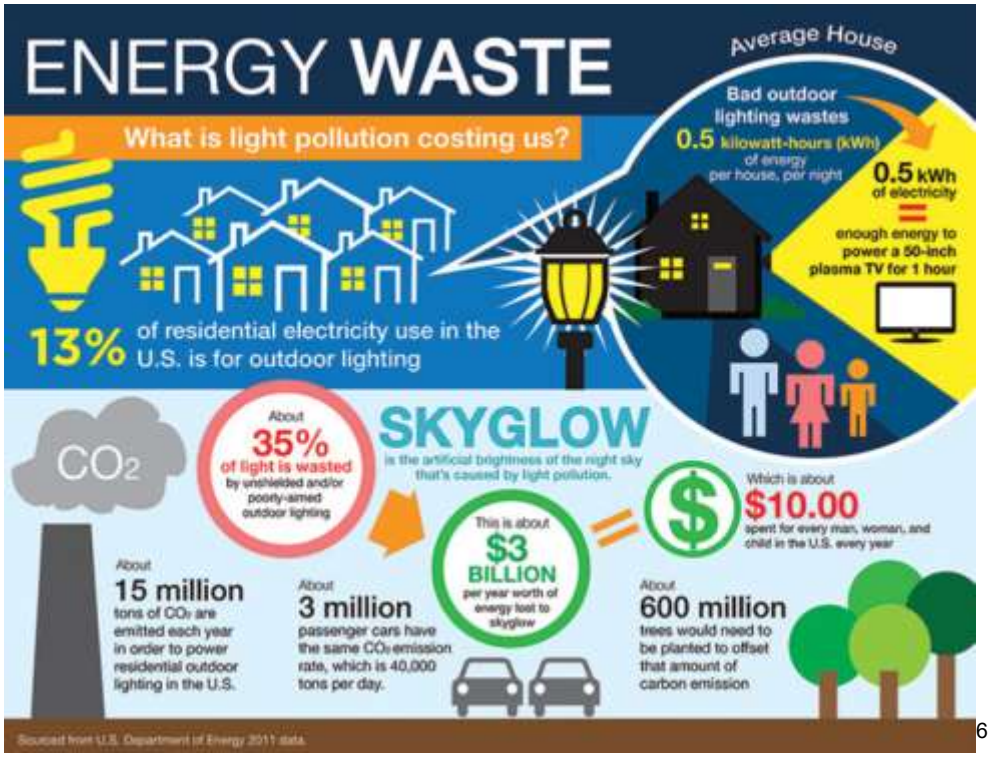
Align with Summit County's Recently Adopted Outdoor Lighting Code and International Dark-Sky Association Standards

In March of 2019, the Summit County Council adopted amendments to the Snyderville Basin Development Code (SBDC) Lighting Regulations outlined in SBDC § 10-4-21. These amendments encompass many International Dark-Sky Association principles. The proposed LMC amendments align Park City lighting regulations with those of Summit County, but are tailored for the City's Historic Districts, the resort season, outdoor lighting on Ridge Line Areas and Steep Slopes, and community compliance.

[4] Snyderville Basin Development Code § 10-4-21(C)(2)(c)

Conserve Energy

IDA estimates that nearly 35% of light is wasted because it is unshielded or poorly aimed.[5]



[6]

Protect the Ecosystem and Wildlife

Artificial light disrupts plant and animal behaviors, impacting reproduction, nourishment, sleep, and protection.[7]

Protect Human Health

Artificial light at night disrupts circadian rhythms and melatonin, which can impact the immune system.[8]

[5] https://www.darksky.org/light-pollution/energy-waste/
[6] Used with International Dark-Sky Association permission
[7] https://www.darksky.org/light-pollution/wildlife/
[8] https://www.darksky.org/light-pollution/human-health/

Support Public Safety

Sufficient outdoor lighting that is Fully Shielded reduces glare and directs light downward where it is needed to safely illuminate building entrances, pathways, and Parking Areas. Public trails lighting is exempt from the proposed outdoor lighting code.

Exempt Streetlights

Streetlights are exempt from the proposed code. Please see Exhibit E outlining the current streetlight policy—which exceeds the proposed code—and the opportunities to update the streetlights on Rocky Mountain Power poles with dark-sky compliant lights.

Require Good Neighbor Lighting

Establish a light trespass standard so that the City can enforce intrusive outdoor lighting that is directed onto adjacent properties.

Maintain a Balance for Recreational Uses

No changes are proposed for outdoor lighting for ski area runs or for recreational fields. In 2018, the International Dark-Sky Association (IDA) developed Criteria for Community-Friendly Outdoor Sports Lighting and a program to certify sports complexes for compliance with heightened mitigations.

Staff reached out to companies that specialize in sports lighting to learn about the recommended lighting for safe sports illumination. At this time, the proposed code does not adopt the IDA criteria for sports lighting for the following reasons:

- Under the current and proposed code, recreation lighting must comply with the Illuminating Engineering Society of North America standards, which establishes Class III and Class IV lighting standards for high school and sports club lighting, addresses lighting required to illuminate balls in the air for safe play, and mitigates light spill and glare;
- Under the existing code, recreation area lighting must be Fully Shielded, or have fixtures with sharp, cutoff capability to mitigate glare;
- Recreation lighting is operated during limited seasons with restricted hours. The lighting for the Park City Sports Complex at Quinn's Junction is operated approximately 125 hours per year (due to COVID-19 and limitations on indoor facilities, the use of outdoor fields will increase this winter, but this is proposed to be a temporary solution for community recreation during the pandemic); and
- Recreation lighting must be turned off by 11:00 PM.

Staff recognizes that community members are—and have been—concerned with the

sports lights at the Park City Sports Complex in the Quinn's Junction area. These lights are operated under a Lighting Management Plan, approved in 2006, which requires that lights be turned off one-half hour after the last game and no later than 11:00 PM. Over the years, staff has worked to mitigate impacts to residential areas. For example, in 2010, staff worked with a lighting company to explore additional external visors on certain lights. However, due to the weight of the visors, all poles would need to be replaced and the cost was estimated to be over $250,000.

Earlier this year, staff proposed budgeting $500,000 to replace and update the lighting at the Park City Sports Complex. However, due to COVID-19 and budget restraints, approval of this proposal has been deferred. Staff plans to update the recreation lighting when the budget allows and will reach out to the community and residents to provide information on mitigation strategies that are planned to be implemented.

Mitigate Impacts of Residential Seasonal Lights and Update the Code to Reflect Existing Conditions on Main Street and Swede Alley

Please see Section 14 below.

Analysis

The Planning Commission has the primary responsibility of reviewing Land Management Code (LMC) amendments and forwarding a recommendation for City Council's consideration.[9] The City Council holds a public hearing and takes Final Action on LMC amendments.[10]

The following LMC amendments minimize light pollution, glare, and light trespass; to conserve energy and resources while maintaining nighttime safety, utility, and security; and to curtail the degradation of the nighttime visual environment:

(1) Set a Maximum Lumen for Multi-Unit Dwellings and Non-Residential Fixtures and Properties

Lumen is a measurement of light output or the amount of light emitting from a Luminaire.[11] The table below compares Lumens and watts (the amount of energy to produce a certain amount of light):[12]

	LUMENS				
BRIGHTNESS	**220+**	**400+**	**700+**	**900+**	**1300+**
Incandescent	25W	40W	60W	75W	100W
LED	4W	6W	10W	13W	18W

[9] LMC § 15-12-15(B)(3)
[10] LMC § 15-1-7(D)
[11] LMC § 15-15-1
[12] https://www.ledlightandpower.com/wattage-mean-led-lighting/

Summit County's lighting regulations establish maximum Lumens for individual outdoor fixtures and for total acreage through residential and commercial classifications.[13] The proposed code includes a similar maximum Lumen for Multi-Unit Dwellings and commercial Uses:

> Outdoor lighting for Multi-Unit Dwellings and commercial Uses shall not exceed 2,500 Lumens per Luminaire. The total lighting shall not exceed 100,000 Lumens per acre. Lumens shall correspond with the size of the Lot.

The proposed code exempts Parking Area Lumens from the maximum Lumen calculation and retains Foot Candle measurements to ensure adequate Parking Area lighting, but Parking Area lighting must be Fully Shielded and 3,000 degrees Kelvin.

(2) Establish a maximum of 3,000 Degrees Kelvin for Outdoor Lights

Kelvin is a unit of temperature measurement – the lower degrees Kelvin, the warmer the light.

The International Dark-Sky Association and Summit County set a maximum of 3,000 degrees Kelvin for outdoor lighting color temperature. The proposed code establishes:

- The maximum color temperature for outdoor lighting at 3,000 degrees Kelvin
- Planning Director discretion to approve a maximum of 5,000 degrees Kelvin for outdoor lighting required for public safety or the activities of law enforcement

(3) Fully Shield Outdoor Lighting

Fully Shielded lighting directs light output downward, where it is needed for people-oriented illumination:

[13] Snyderville Basin Development Code § 10-4-21(K)

Courtesy of Grand County and Moab, Utah

The proposed amendments:

- Requires all non-exempt outdoor lighting to be Fully Shielded

- Updates the definition of Fully Shielded:
  An outdoor Luminaire constructed and installed in such a manner that all light emitted by the Luminaire, either directly from the lamp or a diffusing element, or indirectly by reflection or refraction from any part of the Luminaire, is projected below the horizontal plane through the Luminaire's lowest light-emitting part. The top and sides of a Fully Shielded fixture are made of completely opaque material such that light only escapes through the bottom of the fixture.

- Exempts the following from the Fully Shielded requirement:
  - Fixtures having a total light output less than 1,000 Lumens (allowing a maximum of a 60-watt incandescent, a 15-watt compact fluorescent bulb, or LED equivalent) provided:
    (1) The fixture has a top that is completely opaque such that no light is directed upwards;
    (2) The fixture has sides that completely cover the light source and are made of opaque or semi opaque material. Fixtures with opaque sides may have incidental decorative perforations that emit small amounts of light;
    (3) Semi opaque material such as dark tinted glass or translucent plastic may be used if the light source is not discernable behind the material;
    (4) Completely transparent materials, such as clear glass, are prohibited;
    (5) The bulb or lamp must not be visible from any point outside the property on which the fixture is located
  - String Lights used to illuminate decks, porches, and patios, but prohibited from illuminating landscaping or outlining Structures

- Low-voltage LED lights and solar lights used to illuminate pathways in residential areas that are less than eighteen inches (18”) in height with a light output that is less than 300 Lumens
- Seasonal Lights

(4) Update Parking Area Lighting

- Retain Foot Candles as the unit of measurement and exempt Parking Area lighting from Lumen maximums for public safety purposes
- Require Parking Areas with 200 or more parking spaces to have programmable fixtures, dimmable lights, and motion sensors

(5) Move the Purpose Section

- Shift night sky protection language from LMC Chapter 15-5, *Architectural Review*, to LMC § 15-5-5(J)(1), *Outdoor Lighting*

(6) Establish a Light Trespass Standard

- Define light trespass as artificial light that falls beyond the legal boundaries of the property it is intended to illuminate

(7) Create a Subsection for all Prohibited Lighting

Consolidate prohibited lighting in one Subsection to include:

- Up-lighting
- Unshielded Floodlights
- Unshielded Spotlights
- Architectural lighting
- Landscape lighting
- Search lights, laser source lights, or high intensity lighting, except by police and fire personnel or at their direction
- Flashing, blinking, intermittent, or other lights that move or give the impression of movement
- Neon or luminous tube lighting
- Lighting affixed to Buildings for purposes of illuminating Parking Areas

(8) Heighten Gas Station Canopy Lighting Regulations

- Require Full Shielding and recessed, flat lenses flush with the bottom surface of the canopy and shielded by the fixture or edge of the canopy
- Require a non-reflective canopy undersurface

(9) Clarify Building Canopy, Soffit, and Wall-Mounted Lighting

- Require canopy and soffit lighting to be recessed or flush with the bottom surface of the soffit and Fully Shielded by the fixture or edge of the soffit
- Wall-mounted lighting cannot exceed 18 feet

(10) Clarify that Landscape Lighting is Limited to Pathway Illumination

- Allow Fully Shielded pathway lighting.
- Exempt LED and solar lights used to illuminate pathways that are less than eighteen inches (18”) in height with a total light output that is less than 300 Lumens from the Fully Shielded requirement.

Example of Fully Shielded landscape lighting:

Pathway Lighting Image Courtesy of thisoldhouse.com

Example of prohibited landscape up-lighting:

Landscape Lighting Image Courtesy of bobvila.com

(11) Exempt Historic Fixtures and Historic Replica Fixtures for Structures listed on the Historic Sites Inventory from the Fully Shielded Requirement

- Restrict lamps to no more than 400 Lumens to mitigate impacts to adjacent properties and to reflect historic lighting

(12) Establish Standards to Mitigate Light Pollution in Ridge Line Areas and Steep Slopes

- Limit light to provide adequate illumination of pathways, entryways, and private outdoor areas
- Prohibit floodlights
- Limit outdoor lights to 12' above Existing Grade while allowing lights above 12' with additional shielding
- Encourage ground-level fixtures
- Allow for additional shielding to mitigate glare or light trespass
- Establish a Planning Commission or Planning Staff review process

(13) Exempt Additional Lighting from the Fully Shielded Requirement

- Temporary lighting for permitted outdoor filming
- Traffic control signals and devices and streetlights
- Public Trails lighting
- Underwater lighting in swimming pools, hot tubs, and other water features

Image Courtesy of shorelinepools.com

(14) Mitigate Seasonal Lights

The existing code allows seasonal lights from November 1 through April 15, but seasonal lights must be turned off by midnight. Staff originally proposed exempting seasonal lights that outline Buildings on Main Street, Swede Alley, and for commercial uses in the General Commercial Zoning District from the November 1 through April 15 duration to reflect existing conditions. The Planning Commission recommended allowing

these lights to remain illuminated until 2:00 AM.

On November 18, 2020, the HPCA submitted a letter requesting that lights that outline Buildings on Main Street be allowed to remain illuminated until 2:30 AM (Exhibit D). The proposed code includes these extended hours, but also works to balance residential seasonal lighting.

The proposed code reduces the allowed duration of residential and non-residential seasonal lights from November 1 through March 1.

Additionally, the following regulations for residential seasonal lights are proposed:

- Residential seasonal lights must:
  - Be turned off by 11:00 PM
  - Comply with zone-required Setbacks
  - Not cause light trespass or interfere with reasonable use and enjoyment of property
- Commercial seasonal lights must:
  - Be turned off by midnight (except for seasonal lights on Main Street and Swede Alley that are permitted to remain on until 2:30 AM)
- Exempt seasonal lights on Main Street, Swede Alley, and the General Commercial Zoning District from the November 1 through March 1 duration.

The Proposed Code Distinguishes String Lights from Seasonal Lights

To distinguish seasonal lights from decorative string lights common in outdoor dining areas and outdoor patios, the proposed code defines string lights and exempts them from the Fully Shielded requirement:

> **STRING LIGHTS.** A maximum 2.8-watt system designed for exterior installation and use featuring clear bulbs that produce white light with individual bulb receptacles connected by exposed electrical wires that hang between two posts, poles, or columns.

String Lights are exempt from the Fully Shielded requirement and may be used to illuminate decks, porches, and patios, but are prohibited from illuminating landscaping or outlining Structures.

(15) Establish Compliance Timeline

- Require all outdoor lighting installed after the effective date of the ordinance to conform
- Require all outdoor lighting legally existing and installed prior to the effective date of the ordinance to replace bulbs with bulbs that are 3,000 degrees Kelvin by December 31, 2024
- Require compliance for site improvements, reconstruction, expansion, alteration, or modification of existing Structures

- Require damaged or inoperative nonconforming outdoor lighting to be replaced or repaired with compliant lighting

Public Outreach

To develop the proposed outdoor lighting amendments, staff:

- Created an Engage Park City webpage
- Mailed information to all property owners within the City
- Conducted a series of virtual meeting with community members to gather input
- Conducted community virtual meetings with staff and International Dark-Sky Association (IDA) representatives
- Reached out to homeowner associations, the Park City Home Builders Association, Historic Park City Alliance, and the Park City Area Lodging Association
- Created a community survey

Survey Results

Staff created an online Engage Park City community survey to learn about existing outdoor lighting, the estimated cost to retrofit outdoor lighting to comply with the proposed amendments, potential compliance by December 31, 2024, and interest in pursuing Dark Sky Community certification.

Over 300 community members participated. The results indicate:

- More than half of the respondent's outdoor lighting most likely already complies with the proposed outdoor lighting ordinance;
- The cost of outdoor lighting retrofits could range from a few hundred dollars to thousands of dollars for some properties;
- 73.9% of respondents could bring their outdoor lighting into compliance with the proposed code by December 31, 2024;
- Only 41% of respondents would support regulations mitigating indoor lighting on ridge line areas through window film and other measures regulating indoor lighting;
- 69.3% of respondents would like to see Park City designated an International Dark Sky Community.

Please see Exhibit C for detailed responses.

Next Steps

If the outdoor lighting amendments are adopted, staff will:

- Create an informative mailer outlining the new requirements and send to all property owners by March 1, 2021;
- Create a webpage outlining resources to help property owners come into compliance;

- Create a one-page attachment to Planning Department applications explaining the new requirements;
- Conduct community meetings four times each year to go over the updated outdoor lighting code and compliance requirements;
- Continue outreach to Homeowner Associations, the Park City Home Builders Association, Historic Park City Alliance, and the Park City Area Lodging Association;
- Research opportunities for grant money to help property owners that can demonstrate an economic hardship come into compliance;
- Collaborate with the University of Utah for the Dark Sky Consortium spring semester 2021 project to evaluate outdoor lighting for City-owned Buildings (see Exhibit I);
- Finalize a plan to bring outdoor lighting for City-owned Buildings into compliance by December 31, 2024; and
- Work with Rocky Mountain Power to update all cobra-head lights with City boundaries to comply with the new dark sky compliant fixtures that are Fully Shielded with lights that are 3000 degrees Kelvin.

Department Review

The Development Review Committee and Recreation, Police Department, Public Works, Planning, Engineering, and Legal Departments reviewed the proposed outdoor lighting amendments.

Notice

Staff mailed notice to property owners within Park City the week of October 12 and October 19. Staff published notice on the City's website and the Utah Public Notice website, and posted notice on December 28, 2020. The *Park Record* published notice on December 30, 2020. LMC § 15-1-21.

Exhibits

Exhibit A: Ordinance 2021-05 and Land Management Code Redlines
Exhibit B: Public Input
Exhibit C: Survey Results
Exhibit D: HPCA Letter Regarding Seasonal Lights
Exhibit E: Streetlight Policy
Exhibit F: Public Safety Considerations
Exhibit G: Dark Sky Communities and Parks in Utah and IDA Designation Process
Exhibit H: Draft Compliance Information Mailer
Exhibit I: Staff Communication – U of U Dark Sky Consortium

With Gratitude

Thank you to the many community members who provided input and participated in community meetings and to Summit County; Grand County; Moab, Utah; Helper, Utah; Flagstaff, Arizona; and Fort Collins, Colorado for sharing their wisdom in implementing night sky ordinances.

Resources

Dark Skies, Bright Future: City Policies Throw Shade on Light Pollution (Allen Best, Planning Magazine, May 2017)

Finding a Way Back into Darkness: Regulating Light Pollution in Florida and Beyond (Shannon Dolson, Animal and Environmental Law, Fall 2014)

Guidance & Best Practices: Dark Sky Planning (Utah Workforce Services Housing & Community Development Office)

Light Pollution in the United States: An Overview of the Inadequacies of the Common Law and State and Local Regulation (Kristen M. Ploetz, New England Law Review, 2003)

Light Trespass and Light Pollution: Practical Approaches to Dealing with Problems (Ian Lewin, IESNA Street and Area Lighting Conference, Minneapolis, Minnesota, September 2000)

Missing the Dark: Health Effects of Light Pollution (Ron Chepsiuk, Environmental Health Perspectives, January 2009)

Pattern Outdoor Lighting Code (USA) Standard ver. 2.0 (Christian B. Luginbuhl, U.S. Naval Observatory Flagstaff Station, 2010)

States Shut Out Light Pollution (National Conference of State Legislatures, 2016)

The Promise and Challenge of LED Lighting: A Practical Guide (International Dark-Sky Association, 2018)

Other Codes for Reference

- Flagstaff, Arizona
- Ketchum, Idaho
- Moab, Utah
- Springdale, Utah
- Summit County, Utah
- Torrey, Utah
- International Dark-Sky Association Model Code

DRAFT ORDINANCE 2021-05

AN ORDINANCE AMENDING LAND MANAGEMENT CODE § 15-3-3(C), *PARKING AREA LIGHTING*; § 15-3-4(C), *PARKING GARAGES AND STRUCTURES*; § 15-5-1, *ARCHITECTURAL REVIEW – POLICY AND PURPOSE*; §15-5-5(J), *LIGHTING*; § 15-15-1, *DEFINITIONS*; AND § 15-15-2, *LIST OF DEFINED TERMS* TO UPDATE THE CITY'S OUTDOOR LIGHTING CODE

WHEREAS, the City's outdoor lighting code has not been updated since 1998 and the General Plan City Implementation Strategy 5.4 recommends enactment of a new night sky ordinance;

WHEREAS, the Land Management Code implements the goals, objectives, and policies of the Park City General Plan to maintain the quality of life and experiences for City residents and visitors;

WHEREAS, the Land Management Code was adopted by the City Council of Park City, Utah, to promote the health, safety, and welfare of the residents, visitors, and property owners of Park City;

WHEREAS, the Land Management Code is designed, enacted, restated, and reorganized to implement the goals and policies of the General Plan in part for the preservation of night skies;

WHEREAS, the International Dark-Sky Association establishes model codes to help communities mitigate impacts of outdoor lighting to protect human health, nocturnal habitats, and public enjoyment of the night sky;

WHEREAS, on March 13, 2019, the Summit County Council adopted Ordinance 896, updating the Snyderville Basin Development Code Lighting Regulations, establishing International Dark-Sky Association best practices, including a maximum Lumen per property, 3,000 degrees Kelvin for outdoor lighting, and a requirement to fully shield outdoor lighting;

WHEREAS, to implement these best outdoor lighting practices in Park City with an outdoor lighting code that is tailored for the City's Historic Districts, the resort seasons, outdoor lighting on Ridge Line Areas and Steep Slopes, and community compliance, the Planning Commission duly noticed and conducted a work session on September 9, 2020, duly noticed and conducted a public hearing on November 11, 2020, duly noticed and conducted a work session on December 9, 2020, and duly noticed and conducted a public hearing on January 13, 2021, forwarding a positive recommendation to City Council with amendments;

WHEREAS, the City Council duly noticed and conducted a public hearing on January 21, 2021.

NOW, THEREFORE, BE IT ORDAINED by the City Council of Park City, Utah, as follows:

SECTION 1. MUNICIPAL CODE OF PARK CITY, LAND MANAGEMENT CODE TITLE 15. The recitals above are incorporated herein as findings of fact. Sections 15-3-3(C), 15-3-4(C), 15-5-1, 15-5-5(J), 15-15-1, and 15-15-2 are hereby amended as outlined in Attachment 1.

SECTION 2. EFFECTIVE DATE. This Ordinance shall be effective upon publication.

PASSED AND ADOPTED this 21st day of January, 2021

PARK CITY MUNICIPAL CORPORATION

_____
Andy Beerman, Mayor

Attest:

_____
City Recorder

Approved as to form:

_____
Mark Harrington, City Attorney

15-3-3 General Parking Area And Driveway Standards

Off-Street parking shall meet the following standards:

. . .

C. **PARKING AREA LIGHTING**. [~~Low pressure or high pressure sodium light sources are the only allowed light sources for Parking Areas with five (5) or more spaces.~~] Lighting fixtures affixed to Buildings for the purposes of lighting Parking Areas [~~shall be~~] are prohibited. Light levels [~~should~~] shall be designed with minimum light trespass off Site by using [~~cut off~~] Luminaries that are Fully Shielded with no light distributed above the horizontal plane of the Luminaire.

1. **MAXIMUM LIGHT DISTRIBUTION**. For uniformity in lighting and prevention of shadows, an average horizontal luminance level of two (2) Foot Candles with a 4:1 Uniformity Ratio over the Site is the maximum allowed.
2. **POLE HEIGHT/WATTAGE/DESIGN**. Luminaries mounting height must be measured from the Parking Lot or driveway surface in the range of twelve feet (12') to twenty feet (20') as determined by the Planning Department and/or the Planning Commission. The maximum height shall only be allowed after the review and approval of the Planning Department with specific findings. The determination shall be based on:
    a. review of the Site plan,
    b. proposed land Uses,
    c. surrounding land Uses,
    d. Parking Area size,

e. Building mass,

f. location of the Site with respect to other lighting sources,

g. impacts on the adjacent Properties,

h. topography of Site, and

i. other Site features.

Light poles higher than sixteen feet (16') are appropriate only for Parking Areas exceeding two hundred (200) stalls and not in close proximity to residential Areas.

3. **PARKING AREA WATTAGE/DESIGN STANDARD**.

a. Luminaries for twelve foot (12') to sixteen foot (16') poles must not exceed fifty (50) watts per fixture or 105 watts per pole.

b. Luminaries for eighteen foot (18') and twenty foot (20') poles must not exceed seventy-five (75) watts per fixture or 150 watts per pole.

c. Wood fixtures and fixtures mounted on wooden poles are encouraged. They must be naturally stained or painted in earth tones. If metal fixtures or poles are used they should be black, dark brown, or earth tone.

d. The base of the pole shall be treated with paint, stain, stucco, or another form of decorative cover. All attempts shall be made to place the base of light poles within landscape Areas.

e. The maximum color temperature for Parking Area lighting is 3,000 degrees Kelvin.

f. Parking Areas exceeding two hundred (200) stalls shall have programmable fixtures, dimmable lights, and motion sensors.

4. **UNDERGROUND PARKING GARAGE ENTRYWAYS**. Light sources within the first thirty feet (30') of an open garage entryway must be [~~high pressure sodium light sources with~~] partially shielded fixtures.

5. **SUBMISSION REQUIREMENTS**. An Application for Development with Off-Street parking must contain the following:

   a. plans indicating the location on the premises, and the type of illumination devices, fixtures, lamps, supports, reflectors, installation, and electrical details;

   b. description of illuminating devices, fixtures, lamps, supports, reflectors, and other devices, that may include, but is not limited to, manufacturer catalog cuts and drawings, including section where required;

   c. photometric data, such as that furnished by manufacturers or similar showing the angle of the cut off or light emission. A point by point light plan may be required to determine the adequacy of the lighting over the Site.

6. [~~**NON-CONFORMANCE**. All operable outdoor light fixtures previously lawfully installed, that do not meet these lighting requirements, are considered to be non-conforming fixtures. The Applicant must bring such fixtures into compliance with this Code with any exterior Building Permit.~~

~~On residential Structures, only new exterior fixtures on remodels or new additions must comply with these requirements.~~]

15-3-4 Specific Parking Area And Driveway Standards For Single Family Residences And Duplexes, Parking Areas With 5 Or More Spaces, And Parking Structures

A. **SINGLE FAMILY RESIDENCES AND DUPLEXES**.

1. **SINGLE GARAGES**. In Single Family Dwellings, single car garages must have a minimum interior dimension of eleven feet (11') wide by twenty feet (20') deep. Double car garages must be at least twenty feet (20') wide by twenty feet (20') deep.
2. **CIRCULAR DRIVEWAYS**. Circular driveways are permitted for Single Family and Duplex Dwellings provided one leg leads directly to and from a legally located garage or carport, subject to the following conditions:
    a. Such drives shall be paved with a hard surface.
    b. Such drives shall be a minimum of twelve feet (12') and a maximum of twenty-four feet (24”) in width.
    c. There shall be a Landscaped Area at least fifteen feet (15') in depth from the Front Property Line to the inside of the drive.
3. **PARKING RESTRICTIONS**.
    a. All vehicles, boats, RVs, trailers, and similar vehicles must be parked on an approved paved surface. At no time shall a vehicle be parked on lawn or other landscaped Areas.

b. Driveway Areas are not to be used for the storage of any trailer, camper, motor home, boat or equipment at any time.

c. Passenger automobiles may be parked on driveways serving private residences, provided the automobile is parking completely on private Property. EXCEPTIONS: Parking may be allowed within a Right-of-Way Area, such as within the Historic District when the Street is not located within the platted Right-of-Way and the Right-of-Way is between the Street and garage. Exceptions must be approved by the City Engineer.

B. **PARKING AREAS WITH FIVE (5) OR MORE SPACES**.

1. All Parking Lots shall maintain the required Front and Side Setbacks as would be required for any Structure.
2. Wherever a Parking Lot or driveway to a Parking Lot is proposed to abut a Residential Use, the Applicant must Screen the Lot or drive.
3. Adjacent driveways must be separated by an island of the following widths: Multi-Unit Dwelling a minimum width of eighteen feet (18'); Commercial a minimum width of twenty-four feet (24').
4. Driveways must be at least ten feet (10') from any intersecting Right-of-Way.
5. A geotechnical report must be submitted to the City Engineer providing recommendations on Parking Lot design and construction parameters.

The City Engineer may approve minor spacing and width deviations.

C. **PARKING GARAGES AND STRUCTURES**.

1. **STRUCTURED PARKING REQUIREMENTS**. Parking within a fully enclosed Parking Structure where the weather does not affect the availability of Spaces requires the following:

   a. Twenty-four foot (24') minimum aisle width, for ninety degree (90°) layout;

   b. Adequate circulation to ensure that each required Space is readily accessible as well as usable. Column and wall locations must be specifically addressed in terms of automobile and pedestrian circulation and maneuvering.

   c. Light sources within the first thirty feet (30') of a Parking Structure opening must be [~~high pressure sodium or compact fluorescent light sources with~~] Partially Shielded fixtures.

. . .

15-5-1 Policy And Purpose

As a community dependent upon the tourism industry, the atmosphere and aesthetic features of the community take on an economic value for the residents and Property Owners of Park City.

It is in the best interests of the general welfare of the community to protect the aesthetic values of the community through the elimination of those architectural styles, and those Building and Landscape materials, which, by their nature, are foreign to this Area, and this climate, and therefore tend to detract from the appearance of the community.

Most of Park City's Main Street and many homes in Park City's older neighborhoods are listed on the National Register of Historic Places as well as being locally designated as Historic Sites, which is a point of considerable importance to the tourism industry. New Development, while distinct from surrounding Historic Sites, should not detract from them. Park City is densely developed due to the shortage of level, buildable land.

The effect of one Development is felt on the community as a whole. It is the policy of the City to foster good design within the constraints imposed by climate, land ownership patterns, and a Compatible architectural theme.

[~~It is also the intent of this section to encourage lighting practices and systems which will minimize light pollution, glare, and light trespass; conserve energy and resources while maintaining night time safety, utility, and security; and curtail the degradation of the night time visual environment.~~

~~It is recognized that the topography, atmospheric conditions and resort nature of Park City are unique and valuable to the community. The enjoyment of a starry night is an experience the community desires to preserve. The City of Park City, through the provisions herein contained, promotes the reduction of light pollution that interferes with enjoyment of the night sky.~~]

. . .

15-5-5 Architectural Design Guidelines

. . .

J. **OUTDOOR LIGHTING**.

1. **PURPOSE**. It is the intent of this Subsection to establish lighting practices and systems to minimize light pollution, glare, and light trespass; conserve energy and resources while maintaining nighttime safety, utility, and security; and curtail the degradation of the nighttime visual environment.

It is recognized that the topography, atmospheric conditions, and resort nature of Park City are unique and valuable to the community. The enjoyment of a starry night is an experience the community desires to preserve. The City of Park City, through the provisions herein contained, promotes the reduction of light pollution that interferes with enjoyment of the night sky.

The functional objectives in providing [~~exterior Area~~] outdoor lighting are to illuminate Areas necessary for safe, comfortable, and energy-efficient Use. [~~The number of fixtures~~] Outdoor lighting shall be limited to provide for safe entry and egress and for sign and Business identification. [~~Illumination of new Building features for architectural enhancement is prohibited. Historic Structures may be illuminated under the terms prescribed in this Code.~~]

With the exception of Americans with Disabilities Act, the minimum lighting standards generally applied and recommended by the Illuminating Engineering Society of North America (IES)[~~,~~] are observed by this Code.

2. **CONFORMANCE WITH APPLICABLE CODES**. All outdoor electrically powered illuminating devices shall be permitted, inspected, and installed in conformance with the provisions of this Code, the International Building Code, the Electrical Code, the Illuminating Engineering Society of North America standards, and the Sign Code [~~under the appropriate permit and inspection~~]. When discrepancies in these Codes exist, the most restrictive shall apply.

3. **APPROVED MATERIALS AND METHODS OF CONSTRUCTION OR INSTALLATION/OPERATION**. The provisions of this Code are not intended to prevent the Use of any design, material, or method of installation or operation not specifically prescribed by this Code, provided any such alternate has been approved. The Chief Building Official may approve any such proposed alternate providing [~~he/she~~] they find[~~s~~] that:

a. The alternative provides approximate equivalence to the applicable specific requirement of this Code;

b. The alternative is otherwise satisfactory and complies with the intent of this Code; or

c. The alternate has been designed or approved by a registered professional engineer and the content and function promotes the intent of this Code.

4. **SUBMISSION OF PLANS AND EVIDENCE OF COMPLIANCE WITH CODE**.

a. The Applicant for any permit required by any provisions of the laws of this jurisdiction in connection with proposed work involving outdoor lighting fixtures shall submit, as part of the Application for

permit, evidence that the proposed lighting [~~fixtures and Light Source~~] will comply with this Code. The submission shall contain the following:

1. Plans indicating the location on the premises, and the type of illumination devices, fixtures, lamps, supports, reflectors, and installation and electrical details;
2. Description of illuminating devices, fixtures, lamps, supports, reflectors, and other devices. The description may include, but is not limited to, catalog cuts by manufacturers, and drawings [~~illustrations , including section where required~~]. For commercial, resort, recreation, and industrial Uses, [~~P~~]photometric data[~~, such as that furnished by manufacturers or similar showing the angle of the cut off or light emission~~] is required. A point by point light plan may also be required to determine the adequacy of lighting over the entire Site.
3. A table showing the total number of proposed exterior lights by fixture type, degrees Kelvin, Lumens per fixture, and lamp type.
4. Additional information may be required elsewhere in the laws of this jurisdiction upon Application for the required permit.

b. Lamp or Fixture Substitution. On commercial Structures if any outdoor light fixture or the type of Light Source therein is proposed

to be changed after the permit has been issued, a change request must be submitted to the Planning Department for approval. Adequate information to assure compliance with this Code must be provided and the request must be received prior to substitution.

5. COLOR TEMPERATURE. The maximum color temperature for outdoor lighting is 3,000 degrees Kelvin. The Planning Director may approve outdoor lighting with a color temperature up to 5,000 degrees Kelvin when required for public safety or law enforcement activities.

6. LUMENS.

a. Multi-Unit Dwellings and commercial Uses shall not exceed 2,500 Lumens per light and the total lighting shall not exceed 100,000 Lumens per acre. Lumens shall correspond with the size of the Lot.

b. Parking Area lighting is exempt from the Lumen calculation.

[~~5.~~] 7. SHIELDING. All non-exempt outdoor lighting [~~fixtures~~] shall [~~have shielding~~] be Fully Shielded [~~as required by Table 1 of this Chapter below.~~

~~a. Historic District Shielding and Fixture Exemption. Fixtures in the HR-L, HR-1, HR-2, HCB, HRM, and HRC Zoning Districts that replicate a Historic fixture shall be permitted to be installed without partial shields with the approval of the Planning Director. All fixtures shall be filtered and refractors that direct the light downward shall be installed if the bulb is exposed.~~

Historic fixtures that are fifty (50) years or older and contribute to the architectural and cultural character of the Historic District, are exempt from these requirements.

Architectural features on Historic Structures may be illuminated with fully shielded fixtures.

6. **WATTAGE/FIXTURE AND LIGHT SOURCE REQUIREMENTS**. Wattage, fixture and Light Source requirements as outlined in the following Table 1 apply to all zones throughout the City:

Table 1

Light Source	Fully Shielded	Partially Shielded	Watt (Maximum Per Fixture)
High Pressure Sodium[1]		x	50
Low Pressure Sodium		x	55
Metal Halide[2]		x	1,500
Low Voltage/Halogen[3]		x	50
Compact Fluorescent		x	75

Other Sources: As approved by the Planning Director

Note: "x" indicates the required standard.

[1]This is the standard Light Source for Park City and Summit County unless otherwise noted in a specific section. Fully shielded fixtures are preferred but not required with this Light Source. Other sources are only permitted as noted. Residential porch lights and exterior garage and post lights may

~~utilize incandescent bulbs, provided that the bulbs are Shielded. Lighting for signs may use halogen bulbs, provided that they are Shielded and directed at the sign face. Wattages outlined are the maximum and can be decreased under the Building Permit review process depending on the number and location of the fixture on each project. In no case shall the levels be reduced to levels below the Illuminating Engineering Society (IES) minimum standards.~~

~~[2]Metal Halide sources shall be permitted only for recreational sport field or ski Area Uses and installed only in one hundred percent (100%) fully enclosed Luminaries. Metal Halide lights shall also be filtered.~~

~~[3]Low voltage/halogen sources are permitted in landscaping lighting only.]~~

[~~7~~]8. GAS STATION CANOPIES. Lighting for Gas station canopies shall be Fully Shielded with flat lenses so that the lighting is recessed or flush with the bottom surface of the canopy and shielded by the fixture or edge of the canopy. The canopy undersurface shall be non-reflective. [~~may not exceed an average horizontal luminance level of eight (8) Foot Candles across the Site and the maximum point levels should not exceed fifteen (15) Foot Candles within the Area directly underneath the canopy~~].

[~~8~~]9. [~~AREA LIGHTING -~~] BUILDING CANOPY, [~~AND~~] SOFFIT, AND WALL MOUNTED LIGHTING. [~~Area, stand alone or wall~~] Lighting fixtures mounted on a Canopy or soffit shall be recessed so that the lighting is flush with the bottom surface and Fully Shielded by the fixture or the edge of the Canopy or soffit. Wall-mounted fixtures shall not be mounted above eighteen feet (18') as measured from the top of the fixture to the adjacent Grade or horizontal plane being lit by the fixture. [~~The horizontal~~

~~luminance level along the sidewalk or Building Facade shall not exceed one (1) Horizontal Foot Candle with a uniformity ratio of 4:1.~~]

[~~9~~]10. **CONSTRUCTION SITES**. All commercial construction Sites shall submit a lighting plan as part of the Construction Mitigation Plan for the project prior to Building Permit issuance. Criteria for review shall include duration, number, location, height, Light Source, and hours of operation.

[~~10~~]11. [~~**LANDSCAPE**~~] **PATHWAY LIGHTING**. [~~The primary function of landscape lighting is to provide illumination for pathways, steps, and entrances to Buildings. Pathway Lighting. Two types of lights can be selected: Three foot (3') bollards with louvers and ten foot (10') pole mounted, down directed Luminaries. Bollard lights shall be low voltage.~~] The intent of pathway [~~lights~~] lighting is to provide pools of light to help direct pedestrians along the path, not to fully illuminate the path. [~~Steps and path~~] Pathway intersections should be illuminated for safety. Pathway lighting shall not be mounted more than ten feet (10') above finished grade. [~~The maximum Foot Candle permitted on the ground is one (1) Horizontal Foot Candle or less.~~]

Pathway lighting less than eighteen inches (18") in height with a total light output that is less than 300 Lumens is exempt from the property Lumen calculation and the Fully Shielded requirement.

a. [~~Highlighting, Backlighting. Only low voltage systems are permitted. Lights must be partially shielded and light must not be directly off the Property. A maximum Foot Candle permitted at ten feet (10') is~~

~~0.6 Horizontal Foot Candles from the Light Source. Up-lighting is prohibited.~~

b. ~~Moonlighting. Low voltage systems may be placed in trees or on Buildings to give the effect of moonlight. Lights must be down-directed and partially shielded. A maximum Foot Candle permitted at ten feet (10') is 0.25 Horizontal Foot Candle from the Light Source. Up-lighting is prohibited.~~]

[~~11~~]12. **RECREATIONAL LIGHTING**. Because of their unique requirements for nighttime visibility and their limited hours of operation, baseball diamonds, playing fields, tennis courts, and ski area runs may [~~Use the Light Source permitted under Table 1 above with~~] operate with the following conditions and exceptions:

a. The height of outdoor recreational posts shall not exceed seventy feet (70') above Natural Grade. The average Horizontal Foot Candle shall not exceed 3.6 across the Area boundary with a uniformity ratio of 4:1. Ski area lighting may require higher illumination levels in some instances. Those levels shall be reviewed and approved by the Planning Commission under the Conditional Use process outlined in [~~the LMC~~] Section 15-1-10.

b. All fixtures [~~used for event lighting~~] shall be [~~fully shielded~~] Fully Shielded [~~as defined in Section (4) herein,~~] or be designed or provided with sharp, cutoff capability[~~, so as~~] to minimize up-light, spill light, and glare.

c. Recreational lighting shall be turned off within thirty (30) minutes of the completion of the last game, practice, or event. In general, recreational lighting shall be turned off [~~after~~] by 11:00 [~~p.m.~~] PM, unless an exception is granted by the Planning Director for a Special Event, permitted under Municipal Code Title 4A [~~specific event or as approved as part of a Master Festival license~~].

d. Private sport court facilities shall use Fully Shielded fixtures. Lighting shall be turned off by 11:00 PM.

[~~12. RESIDENTIAL LIGHTING~~.

a. ~~All exterior lights on porches, garage doors, or entryways shall be shielded to prevent glare onto adjacent Property or public right of ways and light trespass into the night sky. Lights shall be directed at walkways or entries and shall not be directed into the night sky.~~

b. ~~Compact fluorescent fixtures are the recommended Light Source. High pressure sodium and incandescent bulbs may be permitted, provided the wattage is low and the light is Shielded and down-directed.~~

c. ~~Bare bulb light fixtures such as flood or spotlights are not permitted.~~

d. ~~Lighting exterior Building features for architectural interest is prohibited.~~

e. ~~Security lighting shall be fully shielded and shall be set on a timer or motion detector. Infrared sensor spotlights are the recommended light type for security.~~

f. ~~Private sport court facilities shall Use fully shielded fixtures and shall not Use the lights past 11 p.m.~~]

13. SEASONAL DISPLAY OF LIGHTS. [~~Seasonal restrictions apply to the HCB, GC, LI, and HRC zones. Residential Uses in the HR-1, HR-2, E, HRL, SF, RM, R-1, RDM, and RD zones are exempt from these requirements.~~] Low-Lumen winter seasonal [~~displays~~] lights that do not cause light trespass or interfere with the reasonable use and enjoyment of property are permitted from the first of November to the first of March. [~~15th of April per the Park City Municipal Code. Displays should~~] Seasonal lights are exempt from the Fully Shielded requirement and any color of lights may be used; however, seasonal lights shall not be used to create advertising messages or signs. Spelling out the name of a Business with seasonal lights is prohibited.

a. Residential seasonal lights shall comply with zone-required Setbacks and be turned off by 11:00 PM.

b. Commercial seasonal lights shall be turned off by midnight.

c. EXCEPTIONS.

1. Low-Lumen seasonal lights outlining buildings on Main Street, Swede Alley, and the General Commercial Zoning District are allowed year-round. Seasonal lights outlining buildings on Main Street and Swede Alley shall be turned off [~~at midnight~~] by 2:30 AM.

2. String Lights are exempt from the Fully Shielded requirement and may be used year-round to illuminate decks, porches, and patios,

but are prohibited from illuminating landscaping or outlining Structures.

[~~Any color of lights may be used; however, the lights shall not be used to create advertising messages or signs. Spelling out the name of a Business is prohibited.~~]

14. OUTDOOR DISPLAY LOTS. Any Light Source permitted by this Code may be used for lighting of outdoor display Lots such as, but not limited to, automobile sales or rental, recreational vehicle sales, Building material sales, and seasonal goods, provided all the following conditions are met:

a. All fixtures shall be Fully Shielded [~~as defined in LMC Chapter 15-15~~].

b. [~~The maximum horizontal illumination across the Site shall not exceed an average Foot Candle of two (2) across the Site with a uniformity ratio of 4:1.~~] The lighting shall be setback so that the lighting does not trespass on adjacent properties.

c. Display lighting shall be turned off within thirty (30) minutes of closing of the Business. Lighting used after 11 [~~p.m.~~] PM shall be security lighting. Security lighting shall be required to be motion sensor [~~sensitive not permanently illuminated~~]. Infrared sensor security lights are the only type of security light permitted.

15. PROHIBITED LIGHTING. Unless otherwise exempted, the following are prohibited:

a. Up-lighting;

b. Unshielded Floodlights;

c. Unshielded Spotlights;

d. Architectural lighting;

e. Landscape lighting;

f. Search lights, laser source lights, or high intensity lighting except by police and fire personnel or at their direction;

g. Flashing, blinking, intermittent, or other lights that move or give the impression of movement;

h. Neon or luminous tube lighting;

i. Lighting fixtures affixed to Buildings for the purposes of lighting Parking Areas.

16. OUTDOOR LIGHTING IN THE HISTORIC DISTRICTS. Fixtures ~~in the HR-L, HR-1, HR-2, HCB, HRM, and HRC Zoning Districts, or located~~ on Sites listed on the Historic Sites Inventory that replicate a Historic fixture shall be permitted to be installed without Full Shielding with the approval of the Planning Director. The Owner bears the burden of proving the fixture replicates a Historic fixture, which shall be reviewed in accordance with Section 15-11-10, Park City Historic Sites Inventory. Each Historic fixture replica shall be limited to extremely low output lamps, no more than 400 Lumens each.

17. OUTDOOR LIGHTING IN RIDGE LINE AREAS AND STEEP SLOPES. Outdoor lighting in Ridge Line Areas and on Steep Slopes shall be the minimum necessary to provide adequate illumination of pathways, entryways, and private outdoor areas.

a. Floodlights are prohibited.

b. Outdoor lights generally may not exceed twelve feet (12') above Existing Grade, but the Planning Commission or Planning staff may approve outdoor lights twelve feet (12') above Existing Grade with additional shielding.

c. Ground-level fixtures are encouraged.

d. Additional shielding may be required to mitigate glare or light trespass.

e. The Planning Commission shall consider outdoor lighting restrictions for Properties located in Ridge Line Areas at the time of Subdivision or Plat approval.

f. The Planning Commission or Planning staff shall consider additional shielding requirements to mitigate outdoor lighting as part of a Steep Slope Conditional Use Permit review.

g. The Planning Director shall verify compliance with shielding requirements for Properties located in Ridge Line Areas and on Steep Slopes at the time of Building Permit approval.

18. LIGHT TRESPASS. Light trespass is artificial light that falls beyond the legal boundaries of the property it is intended to illuminate. Outdoor lighting shall be aimed and Fully Shielded so that the direct illumination shall be confined to the property boundaries of the source.

[~~15. PROHIBITIONS~~. ~~The following light fixtures and Light Sources are prohibited: mercury vapor lamps, laser Light Sources, unshielded floodlights or spotlights, metal halide, except for recreational Uses, see Section (10), and searchlights.~~]

[~~16~~]19. [~~OTHER~~] EXEMPTIONS.

a. [Nonconformance. All other outdoor light fixtures lawfully installed prior to and operable on the effective date of the ordinance codified in this Chapter, including City owned or leased Street lights, are exempt from all requirements of this Code. On commercial projects, all such fixtures shall be brought into compliance with this Code upon any Application for any exterior Building Permit. On residential Structures, only new exterior fixtures on remodels or new additions must comply with this ordinance.]

The following are exempt from this Subsection:

b. **a.** [Fossil Fuel] Gas Lights. All outdoor light fixtures producing light directly by the combustion of natural gas or other fossil fuels are exempt from the requirements of this Code.

c. **b.** Up-lighting. Up-lighting is permitted in limited circumstances [under the following conditions]: [The use of luminaires for up-lighting on any residentially or commercial zoned Lot or Property or within a City ROW or Open Space zone, is permitted only] for City-funded or owned statues, public monuments, the McPolin Barn, ground–mounted Public Art, or flags of the United States of America.

1. All up-lighting shall be shielded and/or have beam-angle control and shall be aimed to limit the directed light to the illuminated object only.

2. Up-lighting is permitted thirty (30) minutes before sunset and until 11:00 PM [~~p.m.;~~] or, one hour after the close of location based on normal hours of operations, whichever is later.

~~d.~~ **c.** Temporary lighting for outdoor filming and outdoor performance venues.

~~e.~~ **d.** Underwater lighting in swimming pools, hot tubs, and other water features.

~~f.~~ **e.** Traffic control signals and devices.

~~g.~~ **f.** Streetlights.

~~h.~~ **g.** Public Trails lighting.

The following are exempt from the Fully Shielded requirement:

~~i.~~ **a**. Pathway lighting less than eighteen inches (18") in height with a total light output that is less than 300 Lumens.

~~j.~~ **b**. Fixtures having a total light output less than 1,000 Lumens (a 60-watt incandescent, a 15-watt compact fluorescent bulb, or LED equivalent), provided:

1. The fixture has a top that is completely opaque such that no light is directed upwards;
2. The fixture has sides that completely cover the light source and are made of opaque or semi opaque material. Fixtures with opaque sides may have incidental decorative perforations that emit small amounts of light;

3. Semi opaque material such as dark tinted glass or translucent plastic may be used if the light source is not discernable behind the material;
4. Completely transparent materials such as clear glass are prohibited;
5. The bulb or lamp is not visible from any point outside the property on which the fixture is located.

~~k.~~ c. Seasonal Lights

~~l.~~ d. String Lights

20. COMPLIANCE TIMELINE.

a. All outdoor lighting installed after the effective date of this Outdoor Lighting Subsection shall conform.

~~b. All outdoor lighting legally existing and installed prior to the effective date of this Outdoor Lighting Subsection and which is not exempted shall be considered nonconforming and the Property Owner shall bring the Property into compliance by December 31, 2024.~~

b. All outdoor lighting legally existing and installed prior to the effective date of this Outdoor Lighting Subsection and which is not exempted shall be updated with lights that comply with the 3,000 degrees Kelvin requirement by December 31, 2024.

c. Immediate compliance is required as a condition of approval for site improvements, construction, reconstruction, expansion, alteration, or modification of existing Structures.

d. Damaged or inoperative nonconforming outdoor lighting shall be replaced or repaired with lighting that complies with this Outdoor Lighting Subsection.

e. Property owners shall not replace outdoor lighting with non-compliant fixtures.

[~~17~~]21. TEMPORARY EXEMPTION.

a. Requests. Any Person may submit a written request to the Planning Director for a temporary exemption. A temporary exemption request shall contain the following information:

1. Specific exemption or exemption request;
2. Type and Use of outdoor light fixtures involved;
3. Duration of time for requested exemption;
4. Total [~~wattage~~] Lumens;
5. Proposed location on Site;
6. Description of event or reason for need of exemption; and
7. Other data as deemed necessary to adequately review and made a determination on the request.

b. Approval; Duration. The Planning Department shall have ten (10) Business days from the date of a complete submission of the temporary request to act, in writing, on the request. The Planning

Department shall approve the request if it finds that the exemption is necessary for public safety, security, or other public necessity and the exemption does not materially subvert the purpose of this [~~Chapter~~] Subsection. If approved, the exemption shall be valid for not more than thirty (30) days from the date of approval. The approval shall be renewable by the Planning Director upon consideration of all the circumstances and provided a finding of public safety or necessity is made, and no intent to circumvent the intent of this [~~Chapter~~] Subsection is present. Each such renewed exemption shall be valid for not more than thirty (30) days.

c. Denial/Appeal. If the request for a temporary exemption is denied, the Person making the request, in writing, may appeal the decision to the Planning Commission within ten (10) days of the denial as provided for in [~~LMC Chapter 15-1~~] Section 15-1-18.

15-15-1 Definitions

For the purpose of the LMC, certain numbers, abbreviations, terms, and words shall be used, interpreted, and defined as set forth herein. Defined terms will appear as proper nouns throughout this Title. Words not defined herein shall have a meaning consistent with Webster's New Collegiate Dictionary, latest edition.

Unless the context clearly indicates to the contrary, words used in the present tense include the future tense; words used in the plural number include the singular; the word "herein" means "in these regulations"; the word "regulations" means "these regulations";

"used" or "occupied" as applied to any land or Building shall be construed to include the words "intended, arranged, or designed to be used or occupied".

. . .

[**FILTERED LIGHT FIXTURE**. ~~Any outdoor light fixture that has a refractive light source. Quartz or clear glass do not refract light.~~]

. . .

[**FOOT CANDLE**. ~~A unit for measuring the amount of illumination on a surface. The measurement is a candle power divided by distance.~~

1. ~~Foot Candle, Average (afc). The level of light measured at an average point of illumination between the brightest and darkest Areas, at the ground surface or four to five feet (4' to 5') above the ground surface.~~
2. ~~Foot Candle, Horizontal (hfc). A unit of illumination produced on a horizontal surface, all points of which are one foot (1') from a uniform point source of one (1) candle.~~
3. ~~Foot Candle, Vertical (vfc). A unit of illumination produced on a vertical surface, all points of which are one foot (1') from a uniform point source of one (1) candle.~~]

. . .

FULLY SHIELDED. [~~Luminaires that are constructed so that no light rays are emitted at angles above the horizontal plane, as certified by a photometric test report.~~] An outdoor Luminaire constructed and installed in such a manner that all light emitted by the Luminaire, either directly from the lamp or a diffusing element, or indirectly by reflection or refraction from any part of the Luminaire, is projected below the horizontal plane through the Luminaire's lowest light-emitting part. The top and sides of a Fully Shielded

fixture are made of completely opaque material such that light only escapes through the bottom of the fixture.

. . .

LIGHT SOURCE. A single artificial point source of luminescence that emits a measurable radiant energy in or near the visible spectrum.

1. [~~**Light Source, Refractive**. A Light Source that controls the Vertical and Horizontal Foot Candles and eliminates glare.~~]

. . .

LUMEN. A measurement of light output or the amount of light emitting from a Luminaire.

. . .

LUMINAIRE. A complete lighting unit consisting of a light source and all necessary mechanical, electrical, and decorative parts.

~~1.~~ [~~**Luminaire, Cutoff-Type**. A Luminaire with shields, reflectors, refractors, or other such elements that direct and cut-off emitted light at an angle less than ninety degrees (90º).~~

~~2. **Luminaire, Fully Shielded**. Luminaires that are constructed so that no light rays are emitted at angles above the horizontal plane, as certified by a photometric test report.~~

3. ~~**Luminaire, Partially Shielded**. Luminaires that are constructed so that no more than ten percent (10%) of the light rays are emitted at angles above the horizontal plane, as certified by a photometric test report.~~]

. . .

[~~**REFRACTIVE LIGHT SOURCE**. A light source that controls the Vertical and Horizontal Foot Candles and eliminates glare.~~]

. . .

SPOTLIGHT. A fixture designed to light only a small, well-defined Area.

. . .

STRING LIGHTS. A maximum 2.8-watt system designed for exterior installation and use featuring clear bulbs that produce white light with individual bulb receptacles connected by exposed electrical wires that hang between two posts, poles, or columns.

15-15-2 List Of Defined Terms

. . .

-F-

Facade, Building

Façade, Front

Facade Easement

Facade Shift

Fence

[~~Filtered Light Fixture~~]

Final Action

Final Plat

Firewise Landscapes/Landscaping

First Story

Flood Plain Area

Floor Area, Gross Commercial

Floor Area, Gross Residential

Floor Area, Net Leasable

Floor Area Ratio (FAR)

Food Truck

Food Truck Location

[~~Foot Candle~~

~~Foot Candle, Average (afc)~~

~~Foot Candle, Horizontal (hfc)~~

~~Foot Candle, Vertical (vfc)~~]

Frontage

Fully Shielded

. . .

-R-

Receiving Site

Reconstruction

Recreation Equipment, Outdoor

Recreation Facilities, Commercial

Recreation Facilities, Private

Recreation Facilities, Public

Recycling Facility

Recycling Facility, Class I

[~~Refractive Light Source~~]

Regulated Use

Rehabilitation

Residential Use

Resort Support Commercial

Restaurant

Restaurant, Drive-Through

Restoration

Resubdivision

Rhythm and Pattern

Retail and Service, Commercial-Auto Related

Retail and Service, Commercial-Major

Retail and Service, Commercial-Minor

Retail and Service, Commercial-Personal Improvement

Ridge Line Area

Riding Stable, Commercial

Right-of-Way

Road, Collector

Road Classification

Road Right-of-Way Width

Roof Form

Roof Form, Contributing

Roof Form, Flat

667 Roof Form, Secondary

668 Roof, Total

669 **-S-**

670 Salt Lake City 2002 Winter Olympic Games Olympic Legacy Displays

671 Satellite Receiving Station

672 SBWRD

673 Screen or Screened

674 Secondary Living Quarters

675 Sending Site

676 Sensitive Land

677 Sensitive Land Analysis

678 Sensitive or Specially Valued Species

679 Setback

680 Sexually Oriented Businesses

681 Shared Driveway

682 Significance

683 Significance, Period of Historic (see Period of Historic Significance)

684 Significant Ridge Line Area

685 Significant Site

686 Significant Vegetation

687 Single Family Subdivision

688 Site

689 Site Development Standards

690 Site Distance Triangle

691 Site Suitability Analysis

692 Sketch Plat

693 Slope

694 Slope, Steep

695 Slope, Very Steep

696 Solar Energy System

697 Spacing

698 Special Event

699 Spotlight

700 Storefront Property (see Property,

701 Storefront)

702 Story

703 Stream

704 Stream Corridor

705 Street

706 Street, Public

707 Streetscape

708 Streetscape, Architectural

709 String Lights

710 Structure

711 Studio Apartment

712 Subdivision

713 Subdivision, Major

714 Subdivision, Minor

715 Subdivision Plat

716 Substantial Benefit

717 Substantial Economic Hardship (see Economic Hardship, Substantial)

718 Suitability Determination

September 9, 2020, 8:10 PM

Hello PC Council members!

I am so happy you are updating the dark skies regs for Park City!

As per my earlier email to the council about 955 Saddle View, I believe the council should also consider requiring window treatments, esp for houses up on bluffs, where their lighting is seen far & wide! At the very least, I hope you issue recommendations for indoor lighting and window treatments.

Florida coastal lighting regs for turtle friendly lighting is a life & death matter to hatchlings. While not life and death, we have large numbers of moose and deer bedding down near McLeod Creek. This makes the issue of both indoor and outdoor lighting an important one, not just for us but also for our wildlife.

Here is a good article on permissible FL coastal lighting, including lamp posts. It addresses state rules for indoor lighting on page 4. https://www.accessfixtures.com/wp-content/uploads/2019/01/updated-2018-fwc-sea-turtle-lighting-guidelinesdoc.pdf

Lastly, I hope you will address the issue of outside party lights on ridgeline homes when you update the regs. I've attached a pic I took several nights ago of a house up on Finnigan's Bluff. (My apologies that it is blurry, but you will see the bright row of party lights on the bottom right side of the house.)

Thanks again for your service to us all and for revisiting and updating the important regs to insure we all continue to enjoy our wonderful starry nights and dark skies!

Warm regards,

Mari Mennel-Bell

September 11, 2020, 12:20 PM

Hello Council members!

Again, this is SO exciting that you are revisiting and updating the dark sky regs for Park City!

The issue of inside lights shining out, esp. from ridge line homes remains a priority to me. So far, there seem to be 3 alternatives:

1. What's known as —tdle friendly windows," with treatment applied between glass layers. (This could be required for new homes, esp. on ridgelines.)

2. Films that are applied to existent windows.

3. A major public awareness campaign to educate and encourage people to use dimmer inside lighting alternatives, such as LED bulbs and window-shades. (Maybe an info handout sent with property taxes?)

On other aspects of dark sky regs, here is some info I found, some of which you may be helpful, some redundant.

Utah.darksky.ngo. Chapter contact: Joseph Dane,

chapter email: idautah@darksky.org

https://sustainability.utah.edu/in-defense-of-dark-skies/

RECREATION LIGHTING

International Dark Sky Association criteria for community-friendly sports lighting: https://www.darksky.org/wp-content/uploads/2018/03/IDA- Criteria-for-Community-Friendly-Outdoor-Sports-Lighting.pdf

Powder Mountain Night Skiing: 6,248,060 total lumens for 19 acres of skiable terrain (ratio of 7.6 lumens per square foot). 6500 Kelvin color temp. http://ultratechlighting.com/wp-content/uploads/2016/01/SNBT-FL-300W-B2.pdf

Nordic Valley Night Skiing: 6,639,390 lumens and about 54 acres of skiable terrain (ratio of about 3 lumens per square foot). 6500 Kelvin color temp.

International Tennis Federation: http://www.itftennis.com/technical/facilities/facilities-guide/lighting.aspx

FLAG LIGHTING

Federal law for US flag: http://www.senate.gov/reference/resources/pdf/RL30243.pdf

Federal and state facilities: See UCA §17-27a-304. http://le.utah.gov/xcode/Title17/Chapter27A/17-27a-S304.html

Canopy lighting a parking lot light: See IDA model ordinance regarding lumens per gas pump and lumens per parking stall: http://darksky.org/ our-work/public-policy/mlo/

http://www.darksky.org/idsp/become-a-dark- sky-place/

Thanks again for your service and for undertaking this worthwhile update to dark sky regs!

All my best, Mari (Mennel-Bell)

September 11, 2020, 12:51 PM

Hello all, I am very excited about this as well. ESPECIALLY on RIDGELINES.

Thanks for the work you are doing on this.

Cheers.

Suze Weir

September 13, 2020, 4:06 PM

Hello, Tim -
I would like to raise an issue on this matter for your attention, and was not completely sure whom to include on the email, so I apologize if this email is being cc"d to folks not directly involved in this matter. I have a concern regarding residential compliance with Park City Municipal Code Title 15, Chapter 5. I live in Park Meadows and have seen a plethora of home remodels with out-facing exterior lighting that is not shielded or downfacing. While I had interacted with Code Enforcement last Fall regarding the home remodel next door to me, and was eventually told that the house in question, after some (undefined to me) modifications to the very high-intensity wall-mounted lighting (see attached photo), unshielded free-standing yard lighting (see attached photo), and unshielded eaves flood lights the seller had installed, was in compliance and no further action would be required. I am still having problems with the exterior lighting shining into my house all night long. Recently, another newly completed and sold residential remodel nearby also has the same style of out-facing, non-shielded exterior lights. These lights are now being used on numerous remodels in the neighborhood.
I don't understand how the apparently popular new style of lighting is being approved these days. It clearly does not comply with the concept of dark skies or with the Code as currently written, as far as I can discern. I am not trying to single out or ask for any action regarding my new neighbors, and I have resigned myself to living with the situation, but as long as the matter of Dark Skies is being raised, I think this issue, as it pertains to numerous houses and the neighbors around those houses, deserves recognition and consideration regarding Code Enforcement. I would appreciate some clarification of why this type of residential exterior lighting is being permitted in building plans and how the complete lack of shielding or down-facing in this style is not being regulated during the inspection process.

With much appreciation for the work you are doing - thank you –
Katherine Fagin

September 17, 2020, 12:46 PM

Hi Michelle -

Thank you for the documents. After reviewing them, my main questions are:
How are compliance, enforcement, and follow-up intended? Is this concept going to be mandated (and how would violations be addressed/corrected) or just a recommendation? Park City residents should not have to be the police for the Building and Planning Depts. The City employees in these departments need to be proactive from the start on any project. Standards are great but mean nothing if monitoring/enforcement/correction and verified compliance are waived, brushed aside, "given a pass", etc. I don't see any of that accountability in these documents.
Is the proposal meant to address pre-existing, vs currently being remodeled vs. planned construction (whether remodel or new construction)? Whenever the proposal becomes an enforceable policy document, its distribution to the community, especially in the property ownership transfer process but also for owners to provide as a requirement (not recommendation) to renters, should be mandated and signed by the respective occupants of those properties. Fines should be applicable for non-compliance.
I was unable to find anything regarding residential lighting being permitted to remain on all night. Residential exterior lighting should have a restriction on timing, since nocturnal wildlife wanders the neighborhoods, and the proposal does emphasize that leaving exterior lighting on is not a crime deterrent. Again, how would this be enforced besides putting neighbors in the position of policing others?
In the proposal, page 12, it might be more enforceable to state exactly how the horizontal plane for full shielding is determined, ex. horizontal plane is based on the lowest point of the fixture's opaque (not translucent) housing, and not at the lowest point of the contained light bulb. This is illustrated in the drawing on page 10, but could be sidestepped on technicalities.
As you can tell, I am very concerned about current residences having lighting exposures that not only don't come close to your proposal, but already flagrantly violate the existing Municipal Code.
For instance,
- As the —new" popular style of unshielded out-facing exterior residential lighting is proliferating rapidly throughout neighborhoods with remodeling or new construction, the lack of enforcement during inspections and before final permits are issued is allowing a toxic situation to embed itself in the community. This is immensely more difficult to reverse vs. not permitting these fixtures in the first place.
- Another popular trend is garage doors that have translucent glass as a major part of the doors. This obviously is unshielded light that illuminates driveways and spills out into the street. Why is this being allowed? If this style of exterior door is allowed to be installed by put actually is non-compliant, I can only imagine the pushback to try to get builders or owners to change these very expensive doors rather than clearly block their installations up front.
In the existing code, Section 15-5-5-5 J.3.3 provides a big loophole, which thwarts the entire premise of regulating exterior lighting to comply with code. Paragraph 6 Footnote 1 in this same Section also includes phrasing of "preferred but not required". This makes the code unenforceable and useless for protecting the tenets the Code apparently is intended to address. Paragraph 8 does not address lights mounted under eaves (ie neither free-standing nor wall-mounted). Does that mean those are exempt from all regulations?

I can offer a real-life experience with the failures of the City to protect our neighborhoods in the pursuit of night-sky friendly conditions. This past year, the owner/remodeler/seller of the house next door to me flagrantly ignored existing code on exterior lighting. I raised this issue with Code Enforcement, who ultimately bent over backwards to accommodate the seller's allegations that he had not received the numerous warnings about non-compliance, waived all the penalties to the seller related to his ignoring the Department notices for many weeks, and eventually approved the final permit, allowing a wholly inadequate (ie basically nonexistent) adjustment for the blatant violations, which are in large part still present. The entire exterior lighting system of this house was and still is in violation of Section 12. Light spillage to my property, flood lights, code-violating pole-mounted unshielded yard lighting, etc etc. What did I learn? The system did not work, the seller got away with clear violations, passed them on to the unsuspecting buyers, and I'm left dealing with this probably for the next 20 years. Liability belongs to the seller and the personnel who approved the final permit. I am pretty confident I am not the only neighbor of such a situation. Would the outcome of your project retroactively fix such situations?
I'm only one resident in Park Meadows. I do wonder what the City's position is when obviously non-shielded exterior lights are installed and final permits are approved. For example, look at 2401 Holiday Ranch Loop Rd.
Those front lights will shine outward unobstructed. Why was that house's exterior lighting approved? It violates existing code.
I also echo the many complaints about 955 Saddleview on the ridge line above the bike park. The entire Code Section on ridgeline lighting is violated by this residence. When an obviously non-compliant residential construction is approved, why does the community have to literally get into an uproar in order for the City to even pay attention to gross oversights in the permit and code compliance process?
Thank you very much for this opportunity to offer my thoughts. I would be happy to follow up with anyone on your committee on these matters, as I feel strongly that the community's commitment to a harmonious and synergistic relationship with our amazing natural setting is of utmost priority to both residents and visitors.

Sincerely,
Katherine Fagin

September 18, 2020, 9:12 AM

GM Tim!

Would you be so kind as to forward this to the appropriate staff & commissioners working in PC dark sky regs? As you will see, it was taken after midnight on a week night (from my deck looking up at the bluff.) There's so much wildlife up there! I noticed to young moose moving silently off the right side of my deck just after I took the pic. I apologize for the quality – iPhones don't do it very good job in the dark!

I have also included a daytime picture with 955 in it. It deeply concerns me to think about the lighting that will be up there if this house is allowed.

Best regards,
Mari (Mennel-Bell)
2208 Jupiter View Way

October 14, 2020, 1:40 PM

Hello Rebecca and Liz!

I'm SO sorry that the people I reached out to really cut it down to the wire getting info back to me! Here is what my cousin who is an architect in Charlottesville sent. He has been working for four years to get them to adopt some of the attached regs from Edinborough.

I haven't looked at this doc yet but I wanted to get it to you immediately.

All the best & see you soon on Zoom!

Mari

October 14, 2020, 2:39 PM

I participated on the zoom call today. I am completely supportive of this effort by Park City to join the world in improving our night time darkness.

Joni Boulware

October 14, 2020, 6:50 PM

Hello Rebecca and Liz!

Just a quick thanks for the Zoom meeting today! I misunderstood & thought it was prescheduled for the public, not mainly for us to meet! That said, it was great to get others ideas. I was happy to have already shared via email the info from Fort Lauderdale and about Edinborough.

I'm sure you are aware of France being a leader in protecting their dark Skies.. Here's a good article:

https://www.darksky.org/france-light-pollution-law-2018/

Lastly, here is a really cute informative video that you might want to share with PC schools!! Kind of the Smokey the Bear approach of influencing kids AND their parents..
😇

https://www.youtube.com/watch?v=t3s8Fj8iQE4&feature=emb_logo

All the best & thanks for everything you are doing!

Mari

October 19, 2020, 8:16 AM

Hi Michelle.

I left you a voice message but wanted to follow up with an email and some photos.

Our rear neighbor has installed spotlights on the back of his house which he turns on nearly every night and leaves on overnight. They are aimed right into our house and make it worse than living in a city. He also just installed Christmas lights in the backyard which are over the top and light up our entire house. He is already turning them on and has left them on until midnight several nights. It is making our life miserable as we not only can't enjoy the peace of the mountains, but our house is so lit up inside it is difficult to sleep.

We have wanted to go talk to him, but wanted to find out the city rules first. I have attached some photos for your reference. All the photos are from inside my house.

Please call me at your earliest convenience.

Diane Turner

October 22, 2020, 3:54 PM

Rebecca - a couple questions on the impacts to residential areas:

1. Do these regulations consider property safety (i.e. break-ins/robberies)?
   Comment - Low or no exterior lighting provides less security.

2. Do these regulations consider the potential impact of collisions with wildlife in residential areas?

Comment - it is currently very dark at night in residential areas. Our area has no street lights and the little bit of exterior lights off the homes is helpful. Additionally, night vision degrades as we age and our area has a large number of seniors.

Thanks, Jeff Klein

October 22, 2020, 4:00 PM

Mayor Andy Should be the first to Set an Example of the Dark Sky initiative by turning off those UGLY "F"ing lights on Treasure Inn.

Its a "F"ing eyesore that never should have been allowed

Jeff Weissman

October 22, 2020, 6:42 PM

Hello Liz,

It was great talking with you all tonight. I'm forwarding the registration for the webinar on the new partnership between Audubon and IDA below for you and Rebecca (and anyone else who might be interested). I'm hoping it will cover some good content on the effects of artificial light at night and birds and provide some of the resources you might be looking for.

I'm so excited you all are doing this!

Cheers,

Heidi M. Hoven, PhD
Assistant Gillmor Sanctuary Manager

October 23, 2020, 12:19 PM

Rebecca

I live in Park City and got, in the mail, a flyer about the proposed changes to the Land Management Code covering outdoor lighting.

While the basic idea of keeping the nights dark enough to enjoy the sky is one I support, like many people who are not specialists, I struggle to understand exactly what –ulmens"

and —degrees Kelvin" actually mean for the lights I encounter in my neighborhood and around Park City. My main concern is with the holiday lighting that many people put up on trees and along roof lines for much of the winter season. I do this myself on my house.

So I have two questions:

1. Will the types of strings of lights people put up for the winter season be likely to run foul of the proposed changes?

2. Where can I get more information about the implications of these regulations for homeowners? The links on your website seem to be mainly relevant for commercial lighting installations. Is this because there are effectively few implications for the typical residence?

Thanks

Michael Atkin

October 23, 2020, 1:09 PM

Thanks for the notification. My first reaction is negative, but I'd like a better explanation of the proposal. What prompted this? What is the concern? What is the benefit to the community? What are the costs to the city and to individual property owners? What's the timeline for implementation and enforcement? What are the consequences of non-compliance? Etc.....

So, lots of questions, but I clearly want to learn more. My experience in Park City is that many times these issues are influenced by emotion and not fact. Is there a detailed explanation on a website? If so, please point me in the right direction.

Thank you!

Ken Cook

October 23, 2020, 8:47 PM

Hi, Liz & Rebecca!

I completed the night sky survey but was hoping for an opportunity for free-response input. Just one comment. . . We live near the intersection of Payday Drive and 224. Our bedroom has transom windows through which we used to enjoy seeing the stars. Recently, however, the city/state installed high-mounted spotlights at the

intersection, and they glare into our bedroom all night long. Is there a way the city could adapt those to more moderate downlighting? I understand this is a dangerous intersection, but it seems like there could be a way to lower or better focus those spotlights in order to reduce the neighborhood impact.

Thanks for your consideration,

Krista Dana

October 23, 2020, 7:00 PM

Liz and Rebecca:

I am happy that PC is updating the dark sky regulations. They have needed updating for a long time. While I fully support the program, there do need to be exceptions in my opinion. Significantly, this community has spent a lot of money and resources purchasing, protecting, and preserving the white barn. It was the very first open space bond passed in the area and its success paved the way for many more successful open space and community protection bonds. Furthermore, the McPolin Barn has become among the most identifiable and celebrated images of Park City.

For years, the barn was lighted with High Pressure Sodium lights, the poor CRI of which resulted in the barn looking orange at night. Instead of simply replacing the energy hogging and poor CRI lamps with energy saving LED's which could reveal the accurate color of the barn and American Flag hanging there, now for some reason there are dark blue filters on the old lights essentially eliminating any effective illumination while wasting significant energy. Now, the barn is easily missed at night, and no longer serves at the iconic beacon of Park City. We need to contemplate exceptions to the proposed regulations which would allow the barn (and similar civic assets) to be appropriately lighted and celebrated as the community asset it is. I would be happy to help this effort in any way,

Thanks,

Peter Tomai

October 23, 2020, 7:35 PM

I have read the Park City Dark Sky material with great interest. As a long time resident, the current light pollution in the city and the Basin is disturbing. The new build out at the Canyons is particularly shocking. The new Apex residences high on the hill have no

foliage around them and their hall and stairway lighting is like that of an office building in a downtown urban setting. The Grand Summit is not very noticeable at all, but these new condos are. I am afraid of what the rest of the buildings will bring. There is also a spot light that shines on the maintenance vehicle parking lot at the Canyons and is not pointed down - rather horizontally. This light shines to the south along highway 224, across the farms and into the homes in Solamere that face that direction. It never goes off. It is a terrible example of lighting for Dark Skies. They can do better - but who holds them accountable?

I realize the Canyons is in the county - but the light pollution created there effects Park City residents. I would be happy to forward my concerns to Summit County, I am just not sure who to send them to.

Thank you for your work,

Lynn Cier

October 23, 2020, 8:15 PM

Hello Ladies,

I think dark skies are one of the biggest failures of our growing city. It's very important to keep our skies beautiful. When I first moved here, 27 years ago, I loved going out at night and seeing so many stars. As the years have gone by we have talked about dark skies, yet the growth keeps happening and no one is doing anything about the lights.

I'm super excited that you two are taking this on.

I would love to start with the City's lights. Which reminds me will the ordinance affect businesses? I certainly hope so.

Shirin Spangenberg

October 24, 2020, 7:23 AM

Rebecca,

Quick dark sky question- would dark sky prohibit Christmas tree lights on outdoor trees?

Many thanks, ELP

Ed Plummer

October 24, 2020, 10:38 AM

Hi Liz and Rebecca,

Thanks so much for hosting the community meeting this week and for listening to my thoughts about your dark sky initiative.

Just to formally submit my comments:

"I wanted to say that I'm thrilled that you're pursuing dark sky practices for Park City and I hope Summit County will as well. It's an important part of preserving what makes our community special both because it helps to keep our treasured wildlife healthy and safe, and because it allows residents and visitors to enjoy the night sky.

We moved here from a big city a few years ago and consider ourselves exceptionally lucky to be able to see as many stars as we do each night, something that's becoming increasingly rare in urban and suburban areas around the world. Thank you for working to ensure that special connection we're all able to enjoy to nature through our wildlife and our night skies will continue for generations to come. I think it's critical for maintaining quality of life for residents and to retain an important component of what makes our city attractive to tourists."

I also mentioned Heather on the call - Heather Currie is at Recycle Utah and is the co-author of a wonderful local email series focused on advocacy opportunities for Park City and Summit County residents. You might want to reach out to her so she can include some of your announcements in her emails. Her email is: [redacted]

Have a lovely weekend,

Trish Kenlon

Founder, Sustainable Career Pathways

October 25, 2020, 8:59 AM

Team,

Firstly, thanks for starting the Dark Sky initiative. Couple of questions:

1- What is happening with the most egregious lighting I have seen in the area...Quinns Junction. Are we waiting until 2024 to enforce this?

2- Why 2024? Costs? It's like my current company...which is basically —Let's be sustainable but not if affects our margin."

3- Is there a new construction enforcement starting now...or does that come into force in 2024?

Again, I truly appreciate the direction that we want to take this city...but am just questioning implementation...

Cheers!

Howard Silverman

October 25, 2020, 11:33 AM

Ms. Jackson,

I live at 2083 Three Kings Court, in Thaynes Canyon and am a full time resident. I'm in receipt of your flyer about outdoor lighting in the City.

There is a street light on the corner of Three Kings Court and Thaynes Canyon Drive that is, to my mind, unnecessarily bright for a residential neighborhood. Wondering if that could be mitigated.

Thank you; Kenny Levine

October 25, 2020, 11:35 AM

Hi Liz

I am very concerned with the city looking to become a dark sky community. For new construction this is fine; however, to expect existing homeowners to spend thousands of dollars to change their current lighting to comply with this is outrageous.

Money doesn’t grow on trees and I don’t have thousands of dollars to retrofit and change my landscape lighting fixtures. To change the rules, you need to grandfather people’s existing lighting or the commission is heartless. You can’t ignore the economic impact, regardless of the timeframe allowed to comply, this has on homeowners. It will take 5-10 years for many to recover from the economic effects of the pandemic and now you want to retroactively institute a change for existing homeowners- unfair and –etone deaf”.

I also think that lighting on houses and businesses that outline the eves of the home or business should be exempt as this is a signature of our city at all times of the year, not just the holidays.

You are biking or community even less affordable to live in. Don't enact this unless existing homes are exempt.

Calvin Regan

October 25, 2020, 11:35 AM

Liz & Rebecca

I am happy to participate with the Dark Sky initiative and have completed the minimal survey. I missed the Oct 22 discussion as the mailed invite arrived at the PC post office on Oct 24.

My first primary question/comment concerns street lights. Our home is on PayDay Drive in Thaynes. The public works folks have been most accommodating in placing partial shields on some of the down facing street lights to reduce specific glare issues. I would be very happy to see complete 360º shields installed on all the street lights. This is a very simple process as public works has a demonstrated competency in making and installing shields.

This process would well serve as a sign of the city's commitment to actually address the situation in the near term and lead by example. Putting off a compliance issue until the 2024 deadline is just silly.

Thanks

Kevin McCarthy

October 25, 2020, 11:23 PM

Hi Liz!

I got your letter this past day and have to admit, was surprised.

1. Our building, the Quittin Time Condominium on Woodside Avenue has exterior lighting fueled by shielded compact fluorescents that are probably beyond the desired 3,00K color. I have no idea if warmer substitutes are available as we got them 12 years ago. I am guessing not a lot of effort is going into these fixtures. If not, how should we proceed?

2. My first reaction was that this whole exercise is political. You have a 2 million person metropolis less than 20 miles away that blankets the sky with street level

> illumination. What effect will shaming contractors and existing home owners into changing their lighting choices accomplish other than being able to wave the flag? Don't get me wrong. Drive down to Torrey/Teasdale/Bouder and you can see the night sky that you are trying to preserve/protect/reclaim? I think that the ship has already sailed.

My wife and I were up to our place in Old Town yesterday. The traffic was horrendous from I-80 all the way to Woodside Avenue, our turn off. The charm of our yesteryears is long gone. What is it you are trying to preserve?

Chris Whitworth

October 26, 2020, 5:20 PM

I hope this addresses commercial properties as well as residential.
Case in point- I lived on upper Saddleview Way and was always disappointed with the lighting of the Hotel Park City lighting.

Charles David

October 26, 2020, 5:39 PM

Hi Rebecca, Liz,

Hope you're both doing well and your weeks are off to a good start. My name is Mason Barrett, and I'm a Park City resident living at 2036 Prospector Ave. I recently received the Dark Sky Association compliance proposal, and wanted to reach out to share my full and enthusiastic support. Thanks for taking this initiative on and working to protect the natural environment (including the night sky) of Park City. Please let me know if there are any other steps I can take to voice my support.

On that note, I ended up poking around the Land Management Code and I have a question for you I'm hoping to get answered:

How can I assess - or ask someone from the city to assess - whether or not certain existing exterior lighting is compliant with current code, specifically considering shielding and max wattage? There are several parking and sidewalk lights on the Berrett Ln pedestrian corridor that seem to not be shielded at all and are exceptionally bright and harsh in color only ~15 yards away from (and about level in height with) my window. I've had to hang up blackout curtains, otherwise it's almost as bright as daylight all night long.

Thanks!

Mason Barrett

October 26, 2020, 9:29 PM

Ladies:

Very pleased you are spearheading this issue.

Part of the ethos of Park City is a laid back attitude that, despite the wealth in the area, generally defines our lifestyle. Of course there are always peacocks that just can't help showing what they got.

I live on April Mountain and while most of the neighbors feel no need to keep our door and garage lights on at night, we have some that always keep the lights on, while some even have the home outlined like a Broadway theater. —Look at me I have a big house!" How boring, and gauche.

And the real travesty is the impact it has on wildlife habitat and our ability to see the night sky. Both are reasons people move to a resort community. Why allow urbanization?

With the all the new folks, and some with significant wealth, coming to town, it is time to let people know what the rules are and establish PC as an ecological sensitive resort town, not an LA suburb.

John Barry

October 27, 2020, 8:36 AM

I am grateful for the opportunity to participate in this conversation.

I am thrilled with the Dark Sky efforts, and believe whole heartedly that the community as a whole benefits from reduction of exterior lighting at night.

For the wildlife, for the sky watchers, for the community aesthetic, and for mental health - I am enthusiastically in favor of the Dark Sky standards.

Thank you!!!!

Cathy Lanigan

October 27, 2020, 9:44 AM

Liz, Rebecca

While I support limiting the light escaping PC into the night, one of the aspects of PC that I find truly special is the lighting in the winter that everyone puts in the trees, bushes, house gutters, etc. That lighting makes every day seem like Christmas and makes our town feel special to residents and the tourists. I hope that this initiative fully embraces this while finding ways to mitigate some of the light pollution.

Thank you
Michael Plummer

October 27, 2020, 10:30 AM

Hi Rebecca.

Thank you for reaching out.

I did have a conversation with my neighbor and I think we have resolved the issue. However, I do think that this dark sky lighting issue is huge. Spotlights, massive outdoor lighting etc really take away from the mountain community. Part of the reason many people move here is to get out of city lights and be able to see the stars. I am excited that you are working on this project.

I took the survey, but do not think I am able to attend the meeting today. I would, however, like to be involved in this project.

Please keep me informed and let me know if you need citizen involvement.

Thank you,

Diane Tanner

October 27, 2020, 11:25 AM

Dear Liz

I look forward to today's meeting and wanted to provide comments

I live in the Old Town residential area and lighting definitely needs to be addressed. I am very lucky to be able to see the Milky Way from my property on moonless nights. Just love seeing it. However, to see it, I have to climb the hillside to get above the City's

unshielded orange sodium vapor anti-crime street light which bathes the house and neighborhood in extremely harsh lighting. I trust the City will also comply with these lighting regulations and I note that Park Meadows has very limited and shielded streetlights. My exterior lights are rarely on, generally for arrival of guests. If it will help, I am happy to adopt and replace the streetlight in front of 280 Daly Ave. Would replace with a down facing LED light or remove altogether. About five years ago I contacted the City and Power Company about removing the light. I was told the City's first responders require it, I don't think that is true. I have polled the year round residents within the lights halo of excessive illumination and there is unanimous agreement that they would support removal or a much lower light level and downward lighting.

Thanks for moving in this direction

Let me know if I can be of any help

Tom Gadek

October 27, 2020, 12:19 PM

Bruce,

I'd like to add my concerns about night sky issues to those of other Park City citizens.

In our tight physical neighborhood I'm noticing a lot more LED patio lights that are not on timers. These lights are left on all night long to illuminate backyards and neighbors backyards. Some of these outdoor lights are approved installations by Park City building department. Others are LED string lights that are hung by the owners or the renters.

As you knew LED lights are much more invasive than our old lights used to be. This puts an undue burden on neighbors to request that lights be turned off at a reasonable hour. Everyone should be able to be outside or inside and enjoy that connection to our skies.

Currently there is an airy residence that has an overabundance of conifers lit up with LED lights. These lights are kept on all night long. These lights have lit up my backyard, on the opposite side of the canyon, as though there was a full moon. Doesn't daylight savings time mess with my head enough?

I understand the purpose of the LED lights on the buildings on Main Street. It was a requirement in 2002 to help Olympic visitors have a warm and festive experience. Even our visitors deserve to add an incredible night sky to their Park City experience. Can't we be known as the resort town that turns their decorative lighting OFF at night?

Thank you for your time and consideration.
Peg Bodell

October 27, 2020, 2:39 PM

Liz and Rebecca,

It is nice to see this project in the works however it seems the "SURVEY" is a bit lacking on space where people can make comments and or provide noted area of concern with regard to lighting that seems non-compliant with the desire to protect out night skys.

I have addressed a few concerns in the past with a gentleman in Park City offices however I do not recall who I spoke with... In any event I was basically told that the blinding lights along the rail trail on NEW mixed-use, condo and older existing buildings that house El Chabasco, San Fran Design etc were acceptable with in the current ordinance.

I invited said individual to walk that trail with me after dark.... declined I often wonder how often Park City field inspectors inspect things after dark? Lighting would seem to require after dark inspections?

Two additional areas of concern are, the homes on the ridge line looking into Park City from the Colony. I believe that there are 3 homes visible in that area. At one point we were seeing SPOT LIGHTS from one of the homes that were visible pointed toward Hwy 248 and Prospector area. I have not noticed these lately. The last area of concern is; Do the lights in the playing fields near the ice rink have to point out across Hwy 40 and up Hwy 248 to the point where they are near blinding as one drives into town at night? Would it be possible to orient these lights to point more toward the ground/playing fields and not broadcast them to infinity when in use?

Thank you, I look forward to continued dark skies in Park City

Is there a forum to note/list areas of concern that will be reviewed/investigated?

Steven Gibson

October 27, 2020, 2:55 PM

Hi Rebecca, Greetings Liz,

Thank you so much for the Zoom conversation today. I feel elated that the city is tending to this exponentially worsening problem.

I would like to highlight some things from the meeting and add additional comments for you to carry forward as you bring this info to other planners.

- The way to change behavior is to change the framework—change the story (which we all know).

Valuing the night sky must become cultural. Let's CELEBRATE! How lucky we are to live in the mountains.

Can we create a public program via marketing and really have fun with this? Can it go out to all tourists and residents? Can we sponsor skywatching events? …ha, would be challenging, but maybe it could be done with Zoom as well.

Perhaps jumping off my comment about the lights preventing us from seeing Nature's lights….**the stars**. Stars, to my knowledge, are have no Earthly carbon emissions and there is no carbon footprint on sourcing (the fixtures), nor the energy to create the lighting display (as in the energy it takes to emit the light).

What hubris we have to think we can improve the stars by hanging dot lighting on trees. It's so very ironic. We humans are a funny bunch.

Get the public, both citizens and visitors to **look up**!

How about having neighborhood Sky Parties sponsored by the city—the same way we've had great representation from the city at my Prospector Park HOA meetings.

Come to think of it, a Zoom meeting with an astronomer or naturalist would be great way to track, who can see what (stars) from their homes. Like I said, I've lived in Prospector Place for 18 years (Park City for over 35 yrs) and the stars keep disappearing.

Would be cool to gauge our success as a city when every household in the municipality could see a specific constellation or something.

<u>But for those who don't want to play and **celebrate,** this ordinance must have teeth. Why is it so easy to enforce parking but not the other ordinances?</u>

"Holiday Lighting"

I do think the —holiday lighting" window (Meg's comment on the herstory of the timeline with ski areas) should be decreased—significantly. It's not special when it goes on for so many weeks and months.

Additionally, everything—every Being needs rest, and tho' I have no data on this, I have wondered the negative impact on our conifers whose needles are sensitive to light—even in the winter—respond to that constant night lighting.

Wildlife

I consider conifers wildlife (see comment above).

There is significant data from all over the world on the negative impacts of night lighting on insects. This in turn affects our bird populations.

Though there seems to be many reasons that 1,000's of birds—some say hundreds of thousands—fell from the sky in Colorado, Texas and New Mexico this summer, ornithologists report that many of the birds were emaciated and point to the decrease in insect populations. Birds are starving. Why add to the problem with our night lighting?

The changes to the environment are happening so quickly, organisms can't keep up. We have no way of knowing how 24 hour lighting affects the microbial kindom nor the larger primates and every Being in between.

Lead by Example

I emphatically agree with Meg Ryan's comments that the City should lead by example. Over the years, I've felt so frustrated when one arm of the City says, for example, —save water" and then another department installs sod along parking strips.

Same with soils and mine tailings. I worked hard to contain the mine tailings in my yard—went waaaaay over the ordinance and spent $40k doing. I worked with the city's soils guy at the time. Then the water department came and changed my water vault and left hot soil spread across a large area of my yard. (This was many years ago.)

My point is that **all departments** must be involved in this Night Sky campaign.

Timeline w City Changes

I would still like to understand how in the world the new lights installed last summer along Prospect Ave. were approved….and also the lighting at the Kearns Cemetary. I agree with the Mr. Levin, WHY do we have to wait so long?

Part of this program must be an examination about how the Kearns Cemetary lighting and the Prospect Ave lighting happened. Something in the system isn't working.

The city must make these changes immediately. I understand with Covid budget shortages that we may not be able to do them all immediately, but even a one year time line is too long. How many more millions of insects will perish, then the birds and so on.

The City will need to point to examples of changes, document them (that slide from Moab was fantastic) and then kick off a ~~-m~~arketing" program.

Groups I think the City should target:

- Landscape contractors (I am one and tho' Red Ant doesn't promote night lighting--in fact I discourage it--we landscapers make money from this and often oversell lumens.

- HOAs

- Businesses

- Second homeowners (raise awareness of lighting when they aren't even here)

- Nightly rentals

- The School District (they didn't get the memo on saving water, so can we please involve them in lighting)

Ha, hoping you are still with me and if you are, I would love to stay involved in this program. If you have a citizen input / involvement group, count me in. I am passionate about the stars and light pollution and living lightly on this Earth.

Thank you again for initiating!

Dee Downing

October 27, 2020, 3:02 PM

Ladies,

There are a lot of street lights that glare terribly and are not compliant with dark sky regulations. Can those be shielded? It would seem fairly ease to do by adapting a top flared cover over the neighborhood or city streetlights that have the classic design per attached. They don't need replacement just a shielded cover.

Looking forward to changes,

Steve Hooker

October 27, 2020, 3:08 PM

Dear Rebecca,

We received the pamphlet regarding Outdoor Lighting Regulations.

We have a number of up lights on our trees that I am not sure comply with the new regulation.

It is unclear to me from the pamphlet what level of lighting is approved. Would you please help me understand so we can comply?

Thanks,

Bob Rollo

October 27, 2020, 3:16 PM

Hello Rebecca and Liz,

I tried to log on to the live meeting at noon on 10/27 and it says the link is expired. So I'm submitting my comment here. I also put it in the survey, but this is more detailed and specific in recommendations.

Please revise the updated lighting code to REMOVE or REVISE the Holiday Lighting EXEMPTION, for the following reasons:

- The current exemption makes it impossible for PC to be dark sky for 5 months of the year. What's the point of even trying?
- The LED lights on the trees can be VERY bright. Especially from a company called Brite Nites. With this exemption, could we issue guidelines for all lighting companies to create acceptable light installations in Park City. How would they be sold/communicated/enforced?
- In current exemption, how is "dangerous glare" defined? "dangerous glare on adjacent streets or properties"
- Our nextdoor neighbor installs holiday lights that are EXTREMELY bright. They light up half the fairway on the adjacent golf course and disturb wildlife, sleep patterns in neighboring homes, and definitely shine into windows and on the road. They are uniquely visible from the ski resort. Our HOA has refused to impose any lighting restrictions.
- If you cannot remove the exemption, or work with vendors, could you regulate hours for holiday lighting in residential neighborhoods -- 5-9 p.m. ONLY. 6-8 a.m. ONLY. AND ENFORCE IT??!!

If you are able to remove the exemption or revise it as above, you will have a chance at dark skies and happier healthier neighborhoods and neighbor relations.

Current Exemption language below:

> H. Exemptions: The following shall be exempt from the requirements and review standards of this section:

1. Holiday Lighting: Winter holiday lighting which is temporary in nature and which is illuminated only between and including November 15 and March 1 shall be exempt from the provisions of this section, provided that such lighting does not create dangerous glare on adjacent streets or properties, is maintained and does not constitute a public hazard.

Many thanks,

Alexandra Ziesler

October 27, 2020, 3:52 PM

Greetings,

I filled out the survey just now.

I would have liked more questions on the survey. I am in favor of adding: any remodel requiring a permit, signal that a mandatory update in a resident's exterior lighting needs to be updated to adhere to the dark sky requirements.

In other words, I'm for current residences NOT be grandfathered in.

I hope that the LMC updates will be for all buildings

(commercial as well) and structures.

I also am in favor of a time limit on outdoor holiday lights.

For example- Nov through Jan. Thankfully they are almost always LED lights now, but some are up for 6 months!

Sincerely,

Jennifer Gardner

October 27, 2020, 6:47 PM

I question whether your ~~–I~~mportant Outdoor Lighting Regulations Updates" mailing meets the notice requirements. My envelope was postmarked October 22nd (day of the first discussion) and received today after the second discussion meeting. No ability to participate or understand this ~~–si~~sue". The FAQ's are woefully inadequate.

While trying to keep an open mind, I find this idea to be a big waste of time and money. We have a lot more important things to address.

Robert Finney

October 28, 2020, 2:50 PM

Hi,

Thanks for the link; if I can't join your next Zoom meeting please submit my —dark skies" request to remove holiday lighting as an exemption; see my reasons below.

> *H. Exemptions: The following shall be exempt from the requirements and review standards of this section:*

1. Holiday Lighting: Winter holiday lighting which is temporary in nature and which is illuminated only between and including November 15 and March 1 shall be exempt from the provisions of this section, provided that such lighting does not create dangerous glare on adjacent streets or properties, is maintained and does not constitute a public hazard.

Reasons for exemption to holiday lighting?

1-In our neighborhood some do not follow date restrictions. Today (and before Oct. 28) some trees and fences are fully lit and kept on past the 5 months allowed.

2-In our neighborhood some holiday lighting remains on **all night**! Why not turn it off at 10pm as with the 10 o'clock whistle tradition?

3-In our neighborhood, glass garage doors are dominating houses and emit light **all night** even if on timers, which can malfunction.

4-In all neighborhoods, immediately enforce restrictions on holiday lighting to encourage quiet neighborliness instead of self-interests.

5-One of the reasons people move to the mountains (and visitors visit) is to see the stars at night without light pollution.

Thanks for inviting local input on this important topic,

Bitsy Beall

October 28, 2020, 4:54 PM

Dear Liz:

I don’t care much for corresponding with the city on issues like this because you’ve almost always made up your mind and are just trying to cajole the community into complying.

But let me just say, I love the Christmas lights people put up during the winter season. I don’t want that to change.

Regards,

DJ Brooks

October 28, 2020, 9:06 PM

Liz,

I read the article on KSL yesterday describing the new Park City Dark Sky Ordinance. I would like to see what precautions you would like us to take concerning new signs.

We are planning on purchasing a light meter to make sure we are compliant with our signs. Can you give me any details that you might have to help us? I have already had a couple of clients who are wanting us to check their Lumen output, and another asking if we can retro-fit their existing signs for LED’s that are within the correct range.

Looks like the City is really supporting Dark Sky.

Thank you for all of help!

Greg Domm

Park City Signs

October 29, 2020, 9:30 AM

I fully support this. Enforcement needs to be done. Doing this without addressing the enforcement issue is worse than not doing anything.

Bill Watson

October 29, 2020, 12:46 PM

Dear Rebecca:

Thank you for taking our input.

I think the **least** amount of light for signs, outdoor house lighting and street lights, the better. Animals need darkness and so do humans. And what a treat to see the milky way and stars (I just got off a 17-day Grand Canyon trip where the galaxy is magical).

I even think Park City should discourage ostentatious Christmas lights. Or ask that citizens turn them off at 10pm so wildlife can co-exist.

Best wishes,

Jen Seabury

November 5, 2020, 3:03 PM

Sorry I had to drop and run before questions got around to me.

I sent some comments along with my survey as to why are we not now installing 360º shades on all the street lights in Thaynes Canyon. I don't know if other lights in town are of similar design. This would be a no-brainer, the city fellow that takes care on these already makes shades to block out neighbor complaints so he could readily just make more.

Next, first an inquiry. Doesn't PCMC have current regulations addressing backlit illuminated signs? I believe we have had this in place for decades. If so, why are these regulations being enforced before we go off creating new ones for 12/31/2024. Case in point, PayDay Drive north side. The new subdivision of Country Lane proudly proclaims its presence and Private status with two large backlit and illuminated signs facing both directions to PayDay Drive. I know for certain that other neighbors have made complaint about this and the lights went out for a few months. They are now brightly illuminated all night every night.

This is a wonderful initiative, thank you for taking up the challenge. Personally I love the dark and will be most happy to see most of this vision solution removed.

V/r

Kevin McCarthy

November 5, 2020, 6:26 PM

Hi Rebecca

I saw the notice on the lighting changes. I am concerned on three points:

1. I rent my place when I am not there. Dimly lit paths and steps to the porch for those unfamiliar with my homes can lead to injuries.

2. I am retired, and cannot afford to throw out and buy new. Especially a number of bulbs all at once!

3. When light bulbs burn out I am happy to replace with the new requirements if mandated...but this is a waste of resources and only prematurely adds more to our landfills

When does this go into effect?

Thanks

Cay

November 6, 2020, 1:43 PM

I am a resident in April Mountain at 1511 Seasons Drive. I received the flyer in the mail today about the lighting regulation updates.

In the community discussions and public meetings, I would like the community to consider how this applies to Deer Valley resort. The lights at snow park lodge and parking at the base of the resort are brightly lit 365 days a year. As a resident whose home faces the resort, it is so bright at night that we have to have the curtains closed in order to sleep let alone have dark sky.

We used to live in Silver Lake area where the resort lighting was never a problem, but it is noticeable and disturbing at the snow park location. Deer Valley should not need to run lights past 10 pm when there are no events being conducted such as concerts.

Thank you for your anticipated support in putting this issue forward.

Julie Schwarz

November 7, 2020, 4:08 PM

Thank you for addressing the lighting in Park City. I would love to see PC designated as a Dark Sky City.

A major light pollution that I see in Old Town is the floor to ceiling/wall to wall windows on recent houses on the east side of Park City Old Town. The light shining from these

windows is intense and is far beyond the light coming from other house windows. I would recommend window walls in future houses not be approved by the planning dept.

Thanks again for working on this. -Jill Lesh

Jill & Richard Lesh
327 Woodside Ave.
Park City
UT 94060

November 8, 2020, 11:12 AM

Dear Planning Commissioners:

We appreciate the opportunity to share our thoughts on the proposed outdoor lighting regulation updates. We are very supportive of the proposal and have the following personal observations:

- Many residents are not here full time, yet their lights burn all year round. So much energy could be saved in our community by reasonable attention here by property managers, HOA's, etc.
- The holiday lighting proliferation can have a reasonable place and neighbor-friendly scale. We need a way to reasonably contain this impact without denying reasonable expression. Maybe —number of trees", —lumens from the street or property line". Whatever it is, it seems like it needs to be definable and explicit. Our neighbor wires five trees on a very small lot that blows the neighbors away with the intensity. You can read a newspaper from the street and wildlife must be bewildered by this growing phenomenon as people move here from large cities.
- Decorative lighting on homes seems to be increasing with fixtures washing exterior walls etc. on many homes. The objective seems to be —look at me" and is generally unnecessary. Can we limit this through property caps on exterior lumens that multiply fixtures x output, regardless of whether the fixtures comply with code? While architectural lighting might look great sometimes, it is unnecessary and should be eliminated if we are to meet our community objectives on carbon neutrality.
- Enforcement needs to be factored into this plan. If we pass regulations, there needs to be reasonable follow up and maintenance built into the City budget. We think we will have supportive residents but like all code, it will require enforcement.
- While compliance by 2024 is better than nothing, we fear that time is of the essence and any shortening of this deadline would have a bigger impact that is

sorely needed. This recent documentary by Sir David Attenborough (trailer link) emphasizes the urgency of this emergency.

Work and commitment by our community may require some sacrifices and adjustments to our normal way of thinking but if we can make these inconvenient choices, we will be rewarded with big dividends:

- These choices make a statement about the kind of community that we are and provides a leadership example for others to follow. More people will want to live in this kind of a community than not.
- These choices align our community priorities with our vision to be carbon neutral by 2030. Carbon neutrality will go a long way to protecting our local economy that is threatened by climate change.
- These choices support some of the reasons that we live in Park City by protecting dark skies, wildlife, conservation, and being good neighbors.

Best wishes on your efforts here and many of our friends and neighbors are very supportive of this initiative.

David and Sarah Peters

November 10, 2020, 9:30 AM

I fully support Dark Sky initiatives. Lighting regulations are a good start. Education, public relations, and eventual enforcement will be necessary to achieve optimal outcomes.

What plans are in place to inform the public of the benefits? How will regulations and codes be promoted? Can we enlist community support through social media and volunteerism, Dark-Sky ambassadors?

How do we implement immediate changes to get ahead of the timeline?…

Home Depot outdoor lighting displays sell almost exclusively non-compliant fixtures. Seems to me this is a HUGE opportunity for suppliers. They just need to be educated

New construction seems to be about 50% compliant. How do we educate builders and suppliers to DROP non-compliant lines. Is the code included in approval process?

What tools can be used to inform and educate residents and businesses about the changes and timeline?

Is there money available for subsidies to accelerate change? — Create a pool to incentivize homeowners willing to swap out fixtures now to avoid enforcement actions years from now.

I am willing to be involved. This is the greatest opportunity to improve our community at low cost and tremendous, universal reward.

Sincerely,

Graham Anthony

November 11, 2020, 8:28 AM

I can see the Milky Way on moonless nights from my property on Daly Ave in Old Town. This is nice and I support the Dark Sky initiative! However, I have to climb the hill to get above the orange hue of the sodium vapor streetlights which intrude on the native beauty. I believe the offending light is owned by Rocky Mountain Power and leased by the City. It has no shielding to direct the light downward and limit it to the street. In fact, the light is designed to spread illumination 360 degrees horizontally. The local neighborhood comprised is year round residents and would support adopting the light, even to the point of paying to have the light replaced with something similar to the downlighting Park Meadows has enjoyed for decades.

November 11, 2020, 10:17 AM

Good morning, Ms. Ward. At your invitation, I am following up on our brief but helpful discussion about Park City's proposed outdoor lighting regulation, last Friday. Having studied the three graphic representations in your update bulletin, I have questions about the stipulated maximum lumens and fully shielded lighting for residential and city lighting. Not to sound as though there must be someone lurking behind every tree, bush and shrub, are safety and security being considered for residences and the greater Park City area? And is law enforcement being included in the Park City planning process?

Frankly, while I like the woke concept of stemming light pollution, I also am a firm believer that light is our friend! The reduced lumens and very narrow downlighting suggested by the city will leave pockets of darkness and shadows which may enable or even invite intrusion and other nefarious activity, not to mention allowing for missteps on uneven surfaces. Over the last several decades of environmental and conservation efforts around the nation, many of those efforts have presented unexpected and undesired consequences. These efforts have ended up in even more precious resources and labor being consumed! Can we be sure that the proposed lighting will not demand that additional fixtures be installed to provide adequate lighting?

I have not heard our Park City Police Department and other law enforcement professionals weigh in on what their plans may be for our heretofore resort community, as we become "citified." Major media around the country have reported on Park City's becoming a major residential destination for folks who are fleeing their cities in favor of our inviting winter and summer climate, terrain and culture. With this influx, I assume that our city leaders and planners, to include law enforcement, must be aware of what such rapid growth will bring to our community. Such change and growth will bring challenges, not all of which will be pretty!

As a Park City homeowner since 1992, our neighbors and we have looked forward to adjourning to our little idylls in the Utah mountains, where we could leave the crush of our cities, take in breaths of our good mountain air, and still feel safe and secure, here in Park City. We know that change is coming, but I hope that any change in lighting policy will support and foster continued community safety and security.

Best wishes, Ms. Ward, and thank you for serving our delightful Park City. Can I entrust you to take the content of this email to the meeting of the Planning Commission, this evening, and to the City Council meeting on December 10th., or should I forward this email to them myself? Please advise . . .

Karen Whitney, Ph. D.
5925 Royal St.
Park City, UT 84060

November 11, 2020, 10:50 AM

Rebecca, please count me among those who are in favor of the lighting regulations. When we built our home in 1989, I could look out the window at night and see a sky filled with stars. Now I'm lucky if I see a planet or two. I long for a view of the universe! I will go to the online survey, but I'm afraid I am too late for its deadline.
Annie Lewis Garda

November 11, 2020, 3:45 PM

Hi Rebecca

Wanted to provide two case studies or examples of why we need a updated lighting plan to preserve our dark sky's. Up in Deer Valley at the Empire lodge next to the Montage & the Chase Bank next to Jans on 224. These are examples of two business that have significant light pollution as they use extremely bight lighting that contribute to light pollution..

Thanks

John

November 11, 2020, 7:36 PM

Hi Rebecca & Liz!
I'm looking to see if there are any grants & what states have addressed lighting issues. Here are 2 links that might be helpful. I can try to get a name in Ft Lauderdale for code enforcement for you to speak to. There was a lot of grumbling about the changes, and now several years later, it is simply accepted practice.
Thanks again for all your work!
Best regards, Mari

http://www.cityofbandera.org/DocumentCenter/View/1441/Outdoor-Lighting-Grant

November 12, 2020, 10:27 AM

Dear Rebecca and Liz,

I was able to join the meeting last night and thanks for your work on this. While my impressions were fresh I thought I would jot down a few of my reactions to share with the commissioners if you want.

- One of the comments was why can't we speed this adoption up? I would agree but even if we didn't, the point that the City could surely be an early adopter and lead the way with City buildings and street lights was a good one. Maybe public by 12/31/24 and City by 12/31/22?
- There was a comment about the string lights on Main Street being exempt from the 11pm cutoff and what happens to bar patrons when —all the lights go off". We should remember that these are not —all the lights", these are just the holiday lights strung across the street and around many buildings. These were installed just prior to the Olympics and were then left on buildings and annually reinstalled across Main Street. Everything worked well before the Olympics and I would support leaving them on a little longer but aren't the residents of Old Town entitled to dark skies as well? They shouldn't have to wait until 2am to have some normalcy and enjoy the stars. I would still expect the Main Street lights to be higher efficiency, correct color temperature, lower lumens, and still achieve great ambiance. I also agree that non-compliant private lighting on Main Street be off 30 or 60 minutes after closing. Again this is not all lighting, just exterior holiday lights.
- I agree with the comment that the fixtures that currently don't comply don't have to be —junked" but can often be re-bulbed, modified, or abandoned. I have a neighbor with 30 soffit lights brightly washing his home with no real utility. I would think he could unscrew 26 of them to comply and it would have no safety consequence of any kind.

- I agree with the ridgeline concerns but this is probably a phase 2 exploration that may be much less necessary if the above comment is addressed with so many properties.
- Regarding safety and security, we need to remember that we are not mandating eliminating lights. We are restricting how they shine and their intensity. All sidewalks, pathways, front doors, back doors, etc. can clearly be lit with the right fixture or bulb and dramatically lower our pollution. There should be no reason that law enforcement has issues if they fully understand what is being proposed. As was also stated in the meeting, dozens of cities are taking the lead on this kind of initiative and can find no online issues from Flagstaff, Tuscon, Ketchum and other cities. The IDS website has a number of published safety studies supporting dark sky initiatives.
- I looked last night at Old Town and agree that there are generally a few 1000watt residents that really don't ~~g~~et it" and spoil things for everyone. Most people have some level of consideration for their neighbor and this should be a welcome reminder that our code does need to be updated on this after 18 years.
- I agree that if the County can do this so can Park City, and maybe better. Why can't we be an International Dark Sky Community like Helper, Flagstaff, Tuscon, Sedona, etc.? What a great additional reason to live here.

Finally I think it is important when considering these changes to remember <u>why we are doing this</u>. Park City chose to build a great trail system, we chose to buy lots of open space, we chose to eliminate plastic bags, we chose to buy electric busses, we chose to pursue an aggressive energy goal by 2030. We can also choose to live in better harmony with the nature that existed here before we arrived. Some people may not like it and that's ok. Others will really love it and this will be another strong expression of our community values and what makes Park City special.

Thanks,

David Peters

November 17, 2020, 10:47 AM

Park City Planning Commissioners:

There's a reason that astronomers, even amateur ones, use a red light when studying charts and looking back up at the sky. White lights are so bright they obscure one's vision for a few minutes. Why is this relevant to the discussion of Dark Sky regulations? White holiday lighting, especially with snow on the ground, is incredibly bright. I have noticed recently that the large conifers at THE MARC are glowing so bright white that they obscure the stop sign on Monitor Drive. The City staff may want to switch to colored lights next year.

Many residents and business owners spend thousands of dollars on holiday lighting; and, therefore, want to have them on for as long as possible. Maybe by 2024, this practice could be restrained to the traditional holiday season: Thanksgiving through New Year's Day.

Marianne Cone

November 17, 2020, 11:29 AM

Hello Ladies,

I am Bob Sfire, living at 220 King Rd for 22 years. I've always had driveway lighting for my 300' driveway. it's steep. this is the highest house in Old Town. you can only see this lighting from Marsac, except for one light that maybe a neighbor on Norfolk can see. I can and will black out that side of the light. all but 2 of our driveway lights are "neighbor friendly" with yellow shades inside. Wasatch lighting sold them to me about 3 years ago. my driveway needs lighting for safety.

if any of my neighbors have complained, please let me know and it will be corrected.

please call if you want to talk. I just saw the letter regarding the virtual discussions.

Take a deep breath,

Bob

November 19, 2020, 11:50 AM

Hi Rebecca,

Thank you for your response and for sharing all of this information with us.

It's heartening to know that there are people in our local government who understand how fragile our environment is. Kudos to those of you who are working to promote a better future.

Simultaneously, it's disheartening to know that our leaders have failed to act on this knowledge for decades, especially in as enlightened community as Park City where most people would choose to be considerate of the environment, wildlife and their human neighbors.

I appreciate the invite to call and to attend Zoom meetings. However my hearing is declining so rapidly that it has become difficult for me to communicate via speech. Without closed captioning, I miss 50-70% of the spoken dialogue on television and both my husband and I sometimes mishear things. He is also partially deaf. So, thank you very much, but we need important communication to be in writing.

While all of the information you have sent is interesting, it still does not answer our questions about what is **currently** acceptable with regards to nighttime light pollution.

We are going to interpret the proposal to change the time limit on seasonal lighting from midnight to 11 pm, as meaning that it is currently not permissible for a seasonal lighting display to be left on after midnight in single-family neighborhoods. Please advise us if that is not correct.

The accompany photos were taken in our yard on November 18, 2020 with an iPhone. There was barely a crescent moon and it was obscured by clouds for most of the dark hours that I surveyed seasonal lighting around this neighborhood. Though other neighbors have added string lighting to multiple trees, none of their displays appeared as intense and as intrusive as is the display at 7 Payday Drive, which for two of the last three nights has been on all night through at least six in the morning.

According to proposed restrictions, this "seasonal" lighting at 7 Payday Drive is probably much too bright. It also severely trespasses, falling beyond the legal boundaries of the property it is intended to illuminate. It also creates glare, which we imagine would appear much worse if we had the view that birds do. And, a little buck keeps coming back to graze in the nearby grass at night.

We would applaud the passage of ordinances that are recommended in your Sept 2020 Work Session and we would add the following restrictions.

- Seasonal lighting should be allowed only between Nov 15 and March 30.
  - The prime time for spring bird migration is from late March to early May and light pollution is an impediment to the success of songbird survival. More bugs anyone?
  - Deer are still rutting until early December and many of our wildlife species are migrating to winter ranges in November. Do we need to confuse them for our vanity?
  - Even if our winters weren't getting warmer and shorter, the ski corporations have made it fairly obvious that they are unlikely to be offering much skiing before December and after March. I long for the days when we could ski from early November to late April, but they are in the past and so should be these seasonal lighting displays.
  - Just because merchants switch from Halloween décor to Christmas decor on November 1, does not justify starting the "season of lights" two months ahead of the holiday they represent.
  - By April, most people have psychologically moved ahead to spring, there's natural light in the evening and the season of lights should be behind us
  - The nearly 6-month period allowing seasonal lights is a colossal waste of energy.
- Light displays must be located at least twenty-five feet away from the windows of adjacent dwellings.
  - Notice in these two accompanying photos, that a light display at 7 Payday Drive is ten feet away from the side of our home at 9 Payday Drive. The light pollution does not intrude on the home of the residents at 5 Payday Drive who installed the display approximately 75 away from their own house.

- Regulation of obnoxious seasonal lighting should not have to wait until 2024.

Respectfully,
Beverly and Kenneth Hurwitz

November 28, 2020, 10:35 AM

Dear Rebecca and Liz,

We live in Park Meadows and are familiar with the successes that the International Dark Sky Association has had in both rural and urban areas. It is a great idea to bring the model lighting ordinance to Park City and hopefully to Summit County in the future. The following are some thoughts on the topic but most specifically I would like to know what we can do to help the new regulations be adopted and to be implemented over time.

Target Audiences:

1. **Federal and State Highway lighting** - while recognizing that I-80 is not directly connected to Park City, the wasted light from inefficient freeway lights costs taxpayer money and reduces night sky visibility. Hopefully the new Park City regulation will encourage LED versus old style halogen lights along I-40 interchanges and along Utah 224 and 248 approach roads to Park City. If Summit County adopts a similar set of guidelines in the future, then the entire Park City/Snyderville Basin will be that much closer to carbon neutral and IDA standards.

2**. New Commercial Developments** - given the madcap pace of development that is back underway in Park City/Summit County, these regulations will be fantastic. We can see Park City Mountain Resort from where we live and we do not want to have a view of a "mountain Manhattan" as the parking lot is built up. I assume the folks in Deer Valley feel the same way about their future parking lot development not to mention the massive commercial developments around Kimball Junction. The glow from Redstone is a major issue for sky watching to the north side of Quarry Mountain and Round Valley. I assume that the new Sundance Institute and Arts Center will be in full compliance with the new ordinance as they are built out.

3. **Park City Mountain and Deer Valley Ski Resorts** - The elimination of night skiing at Park City mountain was generally a good thing - especially from a carbon neutral and dark sky perspective. Much of the lighting issues that the ski resorts must manage will be down at ground level and fall under the commercial development category. I do have two specific questions - first, why does Park City Mountain Resort use old style halogen lighting at an operational facility near the Treasure Hollow run all night and all year long? First, if it is for safety, it makes no sense to have an unshielded light. Second, it is clearly less efficient to operate pink halogen than a modern LED shielded light. And finally, why does it need to be on all night long summer and winter? I am not talking about SnowCat operation. They are actually interesting to watch each night and the drivers need good lighting for safe operations. But a modern fixed facility lighting installation at Treasure Hollow would have motion sensing lights and or/timers and more efficient warm LED versus the pink halogen light that glows on the mountain all night

long. There is also a relatively new facility built by Vail near Porcupine Ridge that also has lights on all night long all year long. It is not even on a major ski run that I can tell (seems to be just off Iron Canyon hiking trail). Again, why not use modern motion sensing LED lights with timers?

4. **Hideout Canyon** - the illegal annexation of Richardson Flat should be fought for as long as it takes (I have written to Park City Council about this in the past). In the meantime, Wasatch County style "non-regulation" development standards should not be allowed in the Park City/Round Valley/Summit County view shed. During the single public hearing Hideout Canyon held before the developer-owned town council moved ahead with the illegal annexation, I specifically challenged the Hideout Council to stop claiming that they support "open space and dark sky regulations" as they attempt to build their trashy development in Summit County. While I fully support the National Abilities Center (great group), I do wonder if they need old fashioned halogen lights for the horse corrals? It would be a fairly simple solution to modernize the few light sources that are in and around Round Valley to keep it clear from the worsening Wasatch County light pollution and waste of energy.

5. **Existing Larger Commercial Developments** - I assume that the generally progressive real estate development community in Park City and Summit County will be in favor of this regulation. The incremental cost of the better lighting is minimal especially when considering the life time energy savings, improved ground level safety and overall enhancement of neighborhood property values. Is there a real estate development advisory council helping you with this regulation? I think they would be very influential - hopefully in a positive way. I note that many of the designer houses in Park City have spent thousands of dollars on their outdoor lighting fixtures some of which are actually dark sky compliant. Fortunately they tend to be low lumen designer fixtures.

6. **Retail and Public Lighting** - As the IDA points out, properly designed lighting puts more light at ground level where it benefits customers and the general public and costs less. I believe that Moab did a detailed survey of their lighting issues (they used some college interns as I recall) and developed a long term plan to preserve as much of the night sky as they could given the need to accomodate a constant flow of paying tourists. Is there a similar survey to help guide implementation of this ordinance in Park City? Winter time lighting (e.g. the famed Bill White holiday trees) are much better now with LEDs but I do hope that all of them are turned off after a certain time when no one is going to see them. Easy enough to install timers. Ditto with the sky- facing lighting of the McPolin Barn and the barn in Snyderville which can both be optimized as a civic attraction while allowing a dark sky.

7. **Public Safety Considerations** - As with the lighting survey, has the Park City Police Department done geo-mapping of all the crimes and issues that they have to manage within city boundaries? I imagine that there is an excessive amount of older, poorly designed lighting in areas with low issues and other areas where new IDA compliant lighting could help address crime and public safety issues. I would assume that the private security systems vendors in Park City could also be incorporated in this planning effort. It is in everyone's best interest to have efficient ground level lighting, with minimal dark spots as often occurs with out-of-date lighting installations and motion sensors.

8. **HomeOwners Associations** - We belong to the Cove/Eagle Mountain HomeOwners Association(HOA). As with the real estate development council, I hope that you can develop a lighting advisory group of the HOA leaders and managers. If there is to be gradual change in an older development like ours, it will need to be done through with their assistance and potentially funding. For instance, the outdoor lights in our development are not overly harsh but they are only shielded to the standards of the late 1990's. To gradually make the transition to lighting fixtures that meet modern standards while actually improving light on the ground will take some time per association.

9. **General Residential Considerations** - Generally I find that people in Park City are thoughtful with their residential lighting with a few exceptions. In a new development not far away, there is a homeowner with new lighting, unfortunately not shielded, who is apparently afraid of the dark. No timers, no motion sensors, all night long, all year long. In California, during the major water shortages, the big users of water were contacted and encouraged to reduce consumption. This is a touchy area but it would be useful to have a municipal process that encourages timers and motion sensors for any lighting that impacts neighbors within the viewshed (not just next door) that encourages timers. Turning off all non-essential light after 11 PM or 12 PM should not really be a burden on anyone and should be gently encouraged.

10. **General Sky Awareness** - Beyond the improved energy conservation and public safety that modern lighting installations can provide, there are the health benefits of seeing a clear night sky. Whitman said it best:

When I heard the learn’d astronomer,
When the proofs, the figures, were ranged in columns before me,
When I was shown the charts and diagrams, to add, divide, and measure them,
When I sitting heard the astronomer where he lectured with much applause in the lecture-room,
How soon unaccountable I became tired and sick,
Till rising and gliding out I wander’d off by myself,
In the mystical moist night-air, and from time to time,
Look’d up in perfect silence at the stars.

While not an astronomer myself, I do enjoy watching the stars, the phases of the moon, the planets, meteor showers and these days, satellites. If there was a greater public knowledge of and interest in the constant activity in the night sky, people would be more supportive of progressive lighting ordinances. The Salt Lake Astronomical Society (SLAS) does (during non-COVID times) star parties at Jordanelle and in the Wasatch. One thought would be to engage this group with free publicity in Park City for events, say at Bonanza Flats or in Round Valley in the summer where there is access parking. I would hope that the Park Record would assist by including a weekly night sky report from either the SLAS or the Clark Planetarium that would encourage private sky watching as well as create supporters for Park City and future Summit County lighting ordinances.

Please let me know how we can be of support to this great effort,

Best regards,

Craig Wallentine
2731 Gallivan Loop
Park City, Utah 84109
One suggestion for you - if the annual Park City Civic Day is going to be held in early February (perhaps by videoconference due to the COVID epidemic), could you ask to have a section included on this Dark Sky Initiative? We always try to attend this excellent session to learn what is going on in Park City and Summit County and I think this would be a great topic to "spotlight".

Dark Sky Survey

SURVEY RESPONSE REPORT

01 October 2020 - 10 November 2020

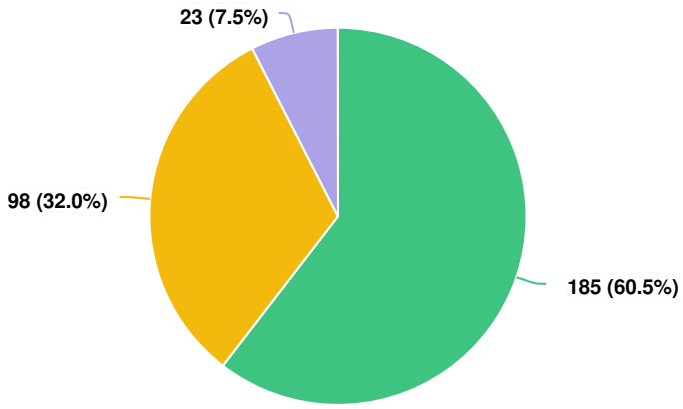
PROJECT NAME:

Dark Sky Land Management Code Amendments

BANG THE TABLE engagementHQ

SURVEY QUESTIONS

Q1 Do you feel your property currently complies with the proposed Dark Sky amendments?



Question options

Yes No Other (please specify)

Mandatory Question (306 response(s))
Question type: Dropdown Question

Q2 If your property does not comply, what do you estimate the cost would be to bring your outdoor lighting into compliance?

Anonymous 10/13/2020 11:06 PM	$10,000 (36 Condominiums) Need to install new outside lights (140), existing lights shine up and down. Off switches for outside lights - current on light sensors. New LED to reduce Lumens and colour temp. New Road lights (3) -- current have opaque sides.
Anonymous 10/14/2020 03:45 AM	The City should send all homeowners, hotels & restaurants info on how to mitigate indoor lighting from shining out. Often it is simply a matter of lack of awareness of the effects of lightings on dark skies
Anonymous 10/14/2020 03:05 PM	This is unknown as there are approx. 470 exterior lights on the residences and a few on the pool house. None are fully shielded. About 200 are on photocell control which would require rewiring to eliminate the photocell plus 74 new switches.
Anonymous 10/20/2020 07:23 PM	N/a
Anonymous 10/20/2020 08:22 PM	No idea. I live in an apartment

Anonymous 10/20/2020 08:33 PM	less than $500
Anonymous 10/20/2020 09:52 PM	$150
Anonymous 10/21/2020 09:22 AM	$200
Anonymous 10/22/2020 11:09 AM	better caps on the parking lot lights
Anonymous 10/22/2020 03:04 PM	500
Anonymous 10/22/2020 03:31 PM	$800
Anonymous 10/22/2020 03:55 PM	Minimal and worth every cent. MAYOR ANDY's Hotel is Hideous and should not be grandfathered. Let that SOB Be the first example of Dark Skys
Anonymous 10/22/2020 08:50 PM	nothing. we like dark skies. Our next door neighbor though has incredibly bright Christmas lights. How will these regulations apply to BRITENITES and other seasonal lighting companies' practices?
Anonymous 10/22/2020 11:16 PM	?
Anonymous 10/23/2020 08:40 AM	Already use Dark Sky fixtures so only bulb change may be required < 10 dollars.
Anonymous 10/23/2020 12:49 PM	don't know. It is a condo
Anonymous 10/23/2020 02:10 PM	$500
Anonymous 10/23/2020 07:39 PM	Thousands of dollars
Anonymous 10/23/2020 07:55 PM	It shouldn't be enough to deter anyone from doing the right thing
Anonymous 10/23/2020 08:14 PM	$500.00

Anonymous 10/23/2020 08:34 PM	Don’t know
Anonymous 10/23/2020 08:36 PM	NA
Anonymous 10/23/2020 10:03 PM	I do not know how to install a downlight or change my walkway light.
Anonymous 10/24/2020 07:21 AM	No sure
Anonymous 10/24/2020 10:19 AM	No idea
Anonymous 10/24/2020 11:05 AM	n/a
Anonymous 10/24/2020 12:50 PM	$2000
Anonymous 10/24/2020 04:47 PM	I'm willing to pay if need be.
Anonymous 10/24/2020 06:11 PM	$1,000
Anonymous 10/24/2020 10:01 PM	$4800 for our HOA of 16 units
Anonymous 10/25/2020 07:56 AM	Too much
Anonymous 10/25/2020 08:38 AM	$1000 for shielded light fixtures
Anonymous 10/25/2020 10:09 AM	10,000
Anonymous 10/25/2020 10:09 AM	3,000
Anonymous 10/25/2020 10:10 AM	NA

Anonymous 10/25/2020 10:11 AM	5,000
Anonymous 10/25/2020 12:45 PM	complete revamping of landscape lighting to provide for safety issues
Anonymous 10/25/2020 12:47 PM	a lot
Anonymous 10/25/2020 02:55 PM	NA
Anonymous 10/25/2020 03:26 PM	I just have to get an electrician, which is easier said than done.
Anonymous 10/25/2020 03:43 PM	3,000
Anonymous 10/25/2020 03:44 PM	5000
Anonymous 10/25/2020 03:45 PM	3000
Anonymous 10/25/2020 03:46 PM	4000
Anonymous 10/26/2020 12:57 AM	1000
Anonymous 10/26/2020 12:57 AM	0
Anonymous 10/26/2020 12:58 AM	2300
Anonymous 10/26/2020 05:08 AM	Couldn't guess. Park Avenue Condos
Anonymous 10/26/2020 06:42 AM	$20,000
Anonymous 10/26/2020 07:55 AM	1500

Anonymous 10/26/2020 10:29 AM	minimal, perhaps $1,000.00
Anonymous 10/26/2020 02:22 PM	I believe my property complies but I do have non-harsh Christmas tree lights in the trees
Anonymous 10/26/2020 04:28 PM	$500
Anonymous 10/26/2020 06:56 PM	$200
Anonymous 10/26/2020 08:29 PM	I don’t know
Anonymous 10/26/2020 08:29 PM	5000.00
Anonymous 10/27/2020 05:53 AM	$10,000
Anonymous 10/27/2020 06:01 AM	$100
Anonymous 10/27/2020 08:09 AM	1000
Anonymous 10/27/2020 08:47 AM	I could not afford to make the changes
Anonymous 10/27/2020 09:11 AM	A couple hundred dollars and a few hours of time.
Anonymous 10/27/2020 09:38 AM	2000.00
Anonymous 10/27/2020 10:26 AM	Approx. $1,000. n- $1,500
Anonymous 10/27/2020 10:29 AM	0
Anonymous 10/27/2020 10:47 AM	Na

Anonymous 10/27/2020 11:45 AM	The problem is not my lighting, but the City's unshielded sodium vapor high temperature and mega-lumen streetlight.
Anonymous 10/27/2020 12:41 PM	$5-$10
Anonymous 10/27/2020 12:59 PM	NA
Anonymous 10/27/2020 01:21 PM	Minimal
Anonymous 10/27/2020 01:35 PM	$1000
Anonymous 10/27/2020 01:38 PM	NA
Anonymous 10/27/2020 02:13 PM	$50,000 minimum; quite likely more. Our HOA would need to replace 4-6 attached lighting fixtures on each of our 121 residences, plus more on our clubhouse.
Anonymous 10/27/2020 02:47 PM	0
Anonymous 10/27/2020 03:50 PM	not interested
Anonymous 10/27/2020 04:52 PM	I do not think it is appropriate for Park City to place an additional cost on current landowners.
Anonymous 10/27/2020 05:24 PM	$400
Anonymous 10/27/2020 05:29 PM	$600
Anonymous 10/27/2020 06:34 PM	$5000
Anonymous 10/27/2020 06:53 PM	$20
Anonymous 10/27/2020 07:02 PM	Have no idea. Outdoor lighting is managed by HOA Board.

Anonymous 10/27/2020 08:46 PM	I have no outdoor lights
Anonymous 10/27/2020 08:56 PM	There is not much option to address these issues except yes and no. Question #3 concerns me that compliance is all the way out to Dec. 2024. That's waaaaay too long for compliance.
Anonymous 10/27/2020 09:22 PM	Don’t know.
Anonymous 10/28/2020 12:04 AM	Too much..
Anonymous 10/28/2020 09:21 AM	I live in a condo unit so I am not sure
Anonymous 10/28/2020 09:47 AM	unknown
Anonymous 10/28/2020 10:43 AM	uplighting of two trees probably cannot be used, spotlights on trees for occasional use would not be able to be modified to comply and serve same purpose
Anonymous 10/28/2020 12:36 PM	$200 or more
Anonymous 10/28/2020 12:38 PM	1000.
Anonymous 10/28/2020 01:12 PM	n/a
Anonymous 10/28/2020 01:24 PM	n/a
Anonymous 10/28/2020 03:26 PM	5k-10k
Anonymous 10/28/2020 03:28 PM	no idea
Anonymous 10/28/2020 04:51 PM	are you kidding me?
Anonymous 10/28/2020 05:30 PM	$200.00 or so

Anonymous 10/28/2020 11:27 PM	5000
Anonymous 10/29/2020 07:02 AM	I don't know, but it would likely be several thousand dollars.
Anonymous 10/29/2020 07:21 AM	$800
Anonymous 10/29/2020 08:10 AM	$500
Anonymous 10/29/2020 09:33 AM	Can't determine at the moment
Anonymous 10/29/2020 09:34 AM	too many $$$$$
Anonymous 10/29/2020 11:09 AM	$500 - $800
Anonymous 10/29/2020 06:21 PM	No idea
Anonymous 10/29/2020 08:02 PM	$100
Anonymous 10/30/2020 12:31 AM	Na
Anonymous 10/30/2020 08:29 AM	Again, I don't know, but it would be worth the expenditure. Maybe phase it in.
Anonymous 10/30/2020 08:49 AM	No idea, depends on the level of government action imposed on us.
Anonymous 10/30/2020 11:15 AM	No idea
Anonymous 10/30/2020 01:17 PM	It will depend on availability of dark sky compliant lighting, but presumably it will not be a huge cost. We will need to replace four exterior lighting fixtures. Our HOA will need to replace several too.
Anonymous 10/30/2020 11:22 PM	A few hundred dollars maybe?

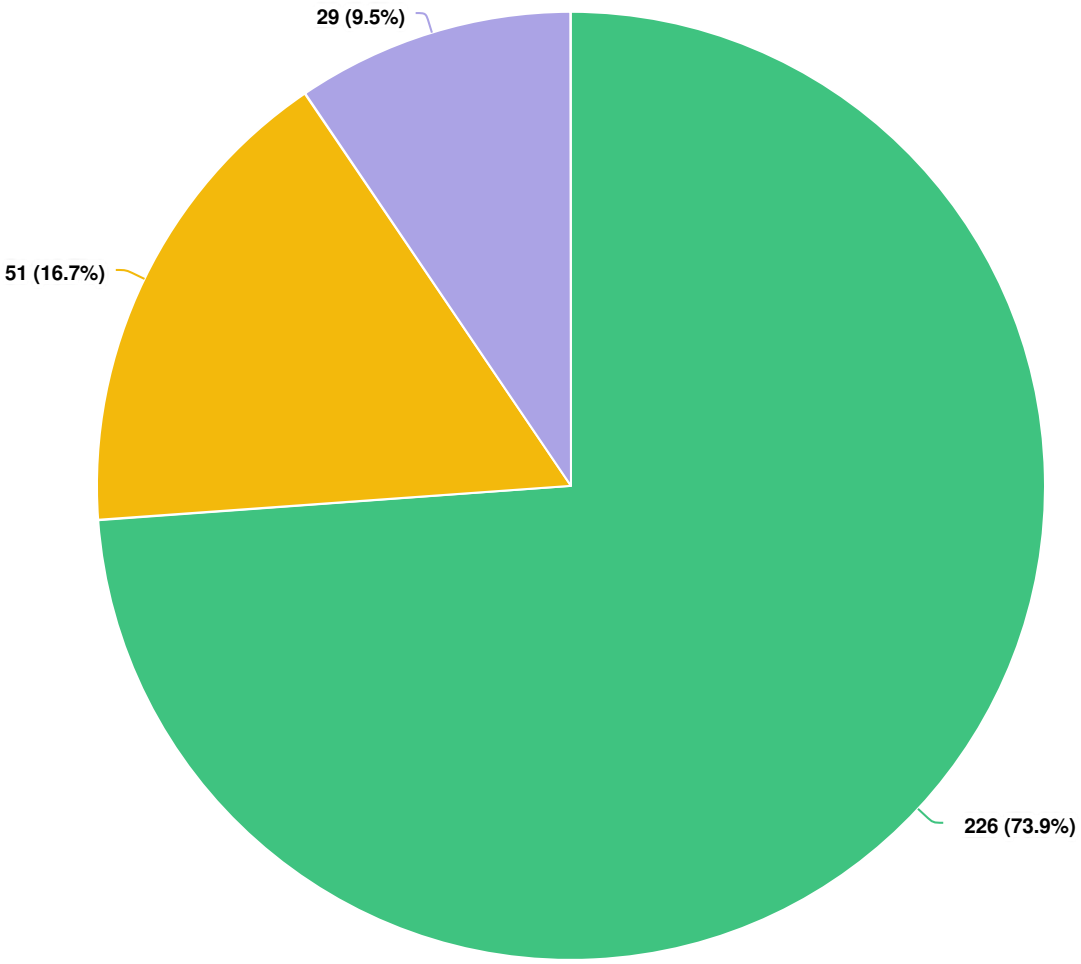
Anonymous 11/01/2020 08:55 AM	2000
Anonymous 11/01/2020 08:56 AM	0
Anonymous 11/01/2020 08:57 AM	Na
Anonymous 11/01/2020 12:31 PM	I live in a condo on Park Ave. I'm not sure that we comply or do not comply. We have minimal outdoor lighting, with lighting in the hall and in the garage downstaris.
Anonymous 11/01/2020 02:41 PM	lots
Anonymous 11/01/2020 03:23 PM	$10,000
Anonymous 11/01/2020 04:35 PM	worth it
Anonymous 11/02/2020 07:36 AM	thousands
Anonymous 11/02/2020 09:08 AM	do not know
jimkoolkat 11/02/2020 10:27 AM	$400
Anonymous 11/02/2020 03:00 PM	A lot of money.
Anonymous 11/02/2020 05:05 PM	Possibly Replace light bulbs and possibly light fixtures. It would help if there were limits to the number of trees that are allowed to have seasonal lights as well as time limit when they must be turned off at night.
Anonymous 11/02/2020 06:58 PM	$10,000.00
Anonymous 11/03/2020 01:17 AM	Na
Anonymous	2400

11/03/2020 01:17 AM	
Anonymous 11/03/2020 11:05 AM	250
Anonymous 11/03/2020 11:20 AM	minimal/not an issue
Anonymous 11/03/2020 02:52 PM	5000
Anonymous 11/03/2020 02:56 PM	Limited. I am in a townhouse building and I think the bulbs are too bright so it would just be purchasing new lightbulbs that comply.
Anonymous 11/03/2020 04:15 PM	$100
Anonymous 11/03/2020 08:20 PM	Less than the time, energy, and economic resources the city has already wasted on this program
Anonymous 11/03/2020 10:35 PM	2200
Anonymous 11/04/2020 03:24 PM	Only new construction should be required to meet any of these new rules.
Anonymous 11/06/2020 07:56 AM	I'm not sure. I missed the public meetings and can't find information online about the proposed amendments. I also can't find the FAQ referenced above.
Anonymous 11/06/2020 02:04 PM	?
Anonymous 11/06/2020 02:05 PM	?? ask hoa
Anonymous 11/07/2020 02:42 PM	$750 (15 outdoor lights @$50 each)
Anonymous 11/07/2020 03:51 PM	$150.00 Two of our old exterior fixtures shine outward. We need to replace them.
Anonymous 11/07/2020 03:58 PM	2500
Anonymous	3400

11/07/2020 03:59 PM	
Anonymous 11/08/2020 07:58 AM	Not sure, but most likely hundreds of dollars (even over a thousand) to swap out exterior light fixtures
Anonymous 11/08/2020 06:08 PM	3300
Anonymous 11/08/2020 06:09 PM	2000
Anonymous 11/08/2020 06:09 PM	1500
Anonymous 11/09/2020 08:52 PM	$5,000
Anonymous 11/10/2020 09:44 AM	I have no idea
Anonymous 11/10/2020 11:41 AM	Do not know, but assume expensive!
Anonymous 11/10/2020 01:29 PM	I'd estimate $10,000 for the HOA or approx. $400/owner, unless our current fixtures can be capped to direct light downward (they're metal cylinders, open at top & bottom)
Anonymous 11/10/2020 02:17 PM	$10,000-$14,000 This is a bad idea. What do our local police say about this initiative? Have you considered the increase in crime as a result of this proposition? Safety is also an issue.
Anonymous 11/10/2020 03:54 PM	I have no idea

Optional question (150 response(s), 156 skipped)
Question type: Single Line Question

Q3 **Summit County enacted their lighting ordinance on March 13, 2019. Community members who live in unincorporated Summit County have until March 13, 2024 to bring their outdoor lighting into compliance with the new code. If the City enacts Dark Sky am...**

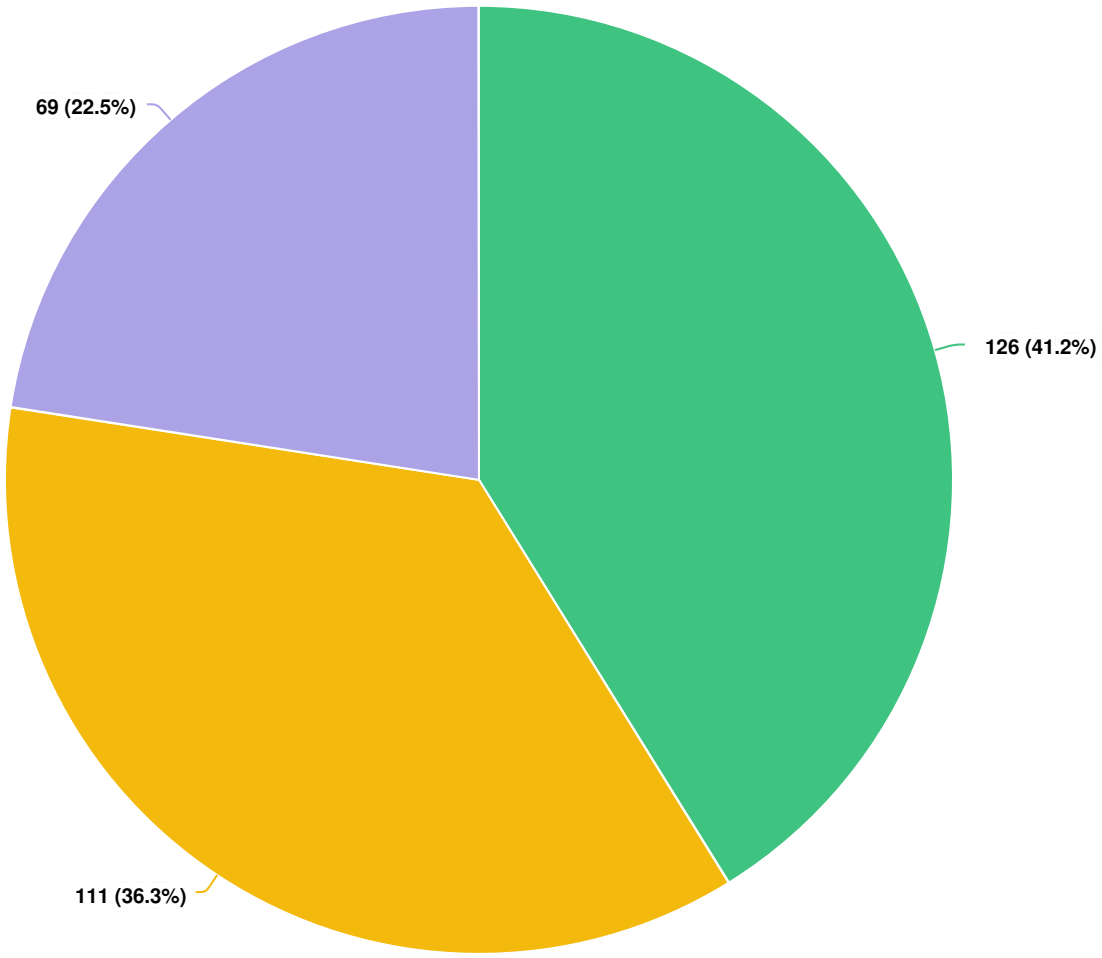


Question options

Yes No Uncertain

Mandatory Question (306 response(s))
Question type: Dropdown Question

Q4 **The current code and proposed amendments address outdoor lighting only. Community members have expressed concern about interior lighting in glass-façade structures and structures with large windows. If you own a structure with a glass façade or lar...**

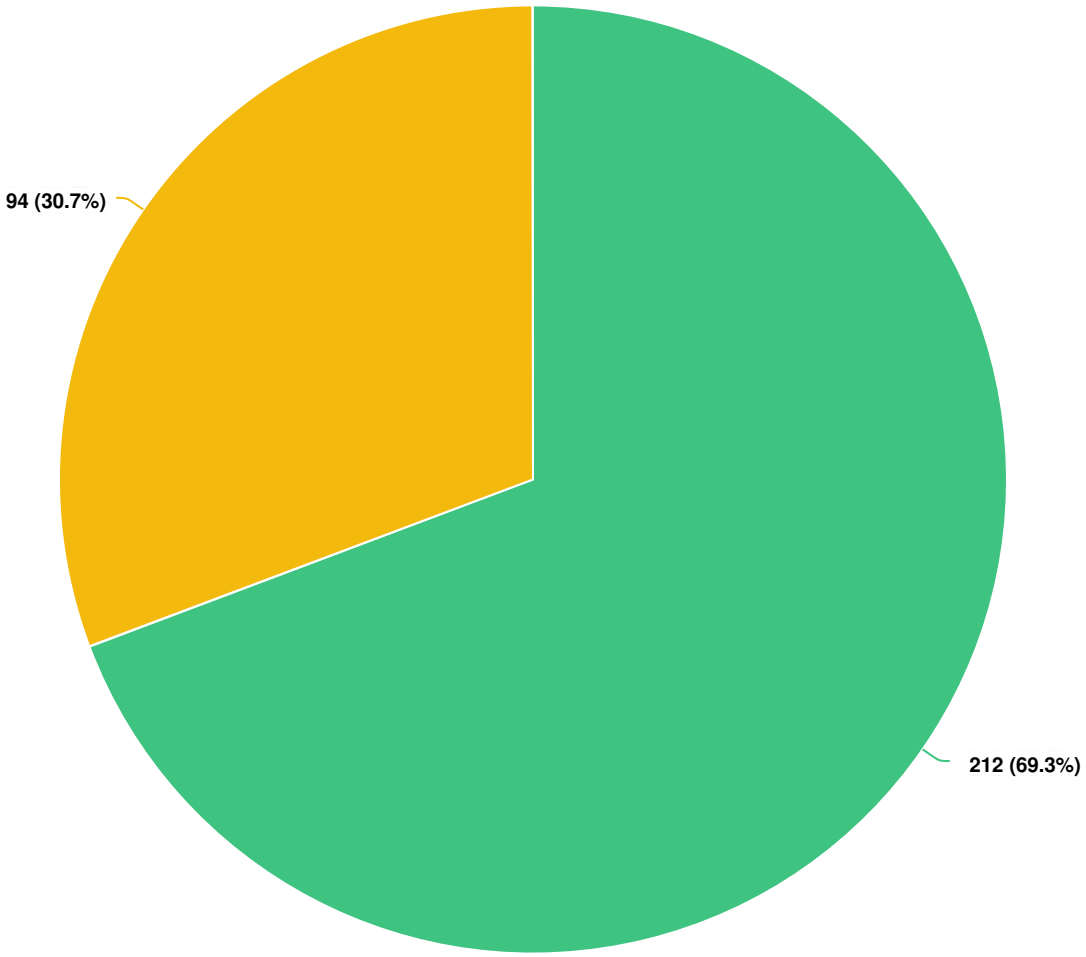


Question options

Yes No Other (please specify)

Mandatory Question (306 response(s))
Question type: Dropdown Question

Q5 Would you like to see Park City designated an International Dark Sky Community?



Question options

Yes No

Mandatory Question (306 response(s))
Question type: Dropdown Question

November 18, 2020

Liz Jackson
Planner
Park City Municipal Corporation
PO Box 1480
Park City, UT 84060

Liz:

Thank you for providing me with information regarding the proposed lighting code amendments. Seasonal lights on Main Street and potential code changes are a topic the Historic Park City Alliance would like to provide comment on.

During the Olympics the City facilitated the addition of accent lighting on buildings to add atmosphere to the attractions and activities on Main Street. From 2013 through 2027 the City completed infrastructure improvements to Main Street that included sidewalks, light poles and enhanced connections from Swede Alley. Seasonal lights are used to highlight these connections for guests to find paths to return to the Transit Center or China Bridge Parking Garage.

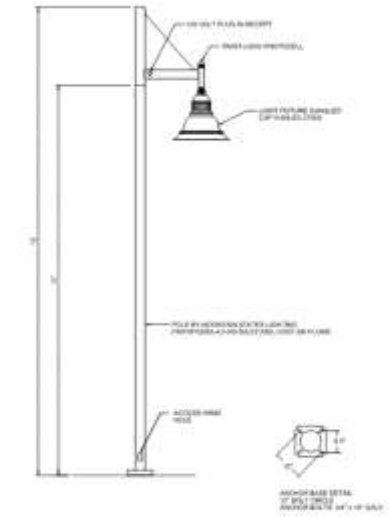
Bars on Main Street remain open until 2 am. The HPCA requests the Planning Commission consider allowing seasonal lights until 2:30 am. This would allow time for employees to leave businesses after their shifts and still benefit from the enhanced lighting as they return to the Transit Center or their vehicles.

Please let me know if you have questions regarding my comments.

Best regards,

Alison Kuhlow
Executive Director

Streetlights are exempt from the proposed Outdoor Lighting Code



STREET LIGHT WITH BANNER ARMS

The City's streetlight policy exceeds the proposed outdoor lighting code. Since 2015, the City has been updating streetlights with LEDs that are 2700 degrees Kelvin. Newly installed fixtures are Fully Shielded and can be seen along Bonanza Drive, Iron Horse Drive, and Prospector Avenue.

For public safety purposes, streetlights operate on photocells so they turn on when it is dark and stay on all night. The streetlights also have a timer feature so they do not turn on during cloudy days. (Similarly, the Poison Creek Trail lighting operates on photocells and remains on all night.)

Beginning in January of 2021, Rocky Mountain Power will provide an option to update the cobra-head lights on RMP poles with dark sky compliant lights.

Several community members raised concerns about the cobra-head lights on Rocky Mountain Power (RMP) poles, mostly located in Old Town. The City leases these lights through RMP. Beginning in January of 2021, RMP is initiating a new option so that cities may update the cobra-head lights on RMP poles with lights that are 3000 degrees Kelvin and Fully Shielded. Staff is exploring the cost and benefits of this update and will propose a budget to City Council to update these lights. Additionally, some of the RMP lights are being evaluated for redundancy with existing streetlights and may be removed.

The Proposed Outdoor Lighting Amendments Result in Lighting that is Directed Where it is Needed, not Necessarily in Less Lighting.

Many factors impact public safety and outdoor lighting is important not only in creating a feeling of security, but also in illuminating a secure and safe environment. Referring to the code as a dark sky code is a bit of a misnomer. The goal is not darkness. The goal is to update the code to reflect best practices, sometimes referred to as “good neighbor lighting,” by directing sufficient light where it is needed and reducing light pollution, excessive glare, and light trespass, resulting in enhanced visibility of the night sky.

There are safety implications for outdoor lighting ordinances that require low-pressure sodium (LPS) lights. LPS lights, while energy efficient, produce a nearly monochromatic light, making color difficult to distinguish. Municipalities that require low-pressure sodium lights often also require LEDs in parking areas and near building entrances to help illuminate color.

The image below illustrates this color distortion: the car on the left is bright red; the car on the right is black.

Credit: Darkest tree - Own work, CC BY-SA 4.0, https://commons.wikimedia.org/w/index.php?curid=64836710

Exhibit F

The existing outdoor lighting code allows LPS lights. The proposed outdoor lighting amendments replace LPS lights with lights that are 3000 degrees Kelvin or less, preferably LEDs. LEDs provide a more accurate color rendering.

Uniform, consistent lighting is safe lighting. Fully Shielded light can help reduce glare, clarify defining features, and direct light where it is needed, improving nighttime visibility, shown in the images below:

Overly bright light can mask intruders.

With the light shielded, the intruder is easily seen.

The glare creates deep shadows.

The glare from the light hid a possible attacker.

[1]

The Park City Police Department reviewed the proposed code. To address public safety considerations, staff incorporated public and Planning Commission input and made the following changes:

- Exempted Parking Area lighting from maximum Lumen constraints
- Removed the maximum Lumen constraints for residential properties
- Exempted public trails lighting
- Doubled the maximum Lumen regulations for Multi-Unit Dwellings and non-Residential Properties

[1] Images Courtesy of IDA Light Pollution and Safety Brochure

Source: IDA. Lights from cities along the Wasatch Front and the Milky Way arching overhead as seen from Ben Lomond Mountain above North Fork Park, Utah. The area draws many for cross-country skiing. Photo by Casey Grimley.

The Dark Sky Movement and the International Dark-Sky Association

The dark sky movement began as a method of reducing light pollution and preserving the visibility of the night sky. Flagstaff, Arizona was the first community to enact a Dark Sky Ordinance in 1958. In 2001, Flagstaff became the first International Dark Sky Community, a designation given by the International Dark-Sky Association (IDA) to recognize exceptional preservation of the night sky through effective lighting regulations, public outreach and education, and citizen support. Although Flagstaff's population is more than 70,000, the Milky Way is still visible at night.

IDA is a non-profit organization that provides resources and education on the benefits of dark skies to protect the night skies for present and future generations. IDA sets light pollution-limiting standards for outdoor lighting that communities can implement. According to IDA, the concept of preserving the night sky is not only beneficial for a community's tourism and economy, but also its environmental and public health.

The International Dark-Sky Association recognizes many locations within Utah for exceptional night skies

Some communities and state and national parks in Utah protect the night sky. Many are linked to the state's tourism industry. In the initial Park City Vision 2020 process, the community prioritized Sustainable Tourism. As the City continues the visioning process and defines Sustainable Tourism, protecting the night sky may be considered an enhancement to the City's resort and tourism experience and economy.

IDA designated two Utah communities International Dark Sky Communities – Helper and Torrey. IDA designated many Dark Sky Parks in Utah, including Antelope Island State Park, Arches National Park, Bryce Canyon National Park, Canyonlands National Park, Capital Reef National Park, Cedar Breaks National Monument, Dead Horse Point State Park, Dinosaur National Monument, East Canyon State Park, Goblin Valley State Park, Hovenweep National Monument, Jordanelle State Park, Kodachrome Basin State Park, Natural Bridges National Monument, Weber County North Fork Park, Rockport State Park, Steinaker State Park, Dark Sky Parks offer exceptional night sky quality and a nocturnal environment that is protected for scientific, natural, educational, and cultural heritage.

Additionally, IDA designated Rainbow Bridge Monument a Dark Sky Sanctuary. A Dark Sky Sanctuary has exceptional or distinguished visibility of the night sky and is protected for its scientific, natural, educational, or cultural heritage.

Summit County recently adopted an outdoor lighting code that encompasses many IDA principles. Additionally, Hideout initiated a process to develop a dark sky code.

Dark Sky Community Certification

The International Dark-Sky Association certifies communities that "show exceptional dedication to the preservation of the night sky through the implementation and enforcement of quality lighting policies, dark-sky education, and citizen support of the ideal of dark skies."

The IDA goals are to:

- Identify communities with exceptional commitment to and success in pursuing dark sky preservation and restoration, and promotion of quality outdoor lighting
- Promote improved outdoor nighttime quality of life for residents and visitors
- Protect human health, nocturnal habitats, public enjoyment of the night sky and its heritage, and areas ideal for professional and amateur astronomy
- Provide local, national, and international recognition for such communities
- Promote ideals of IDA by encouraging communities to identify dark skies as a valuable community asset and aspiration[1]

Designation as a Dark Sky Community may help establish the expectation of outdoor lighting standards as a part of the community culture, beyond the regulations outlined in

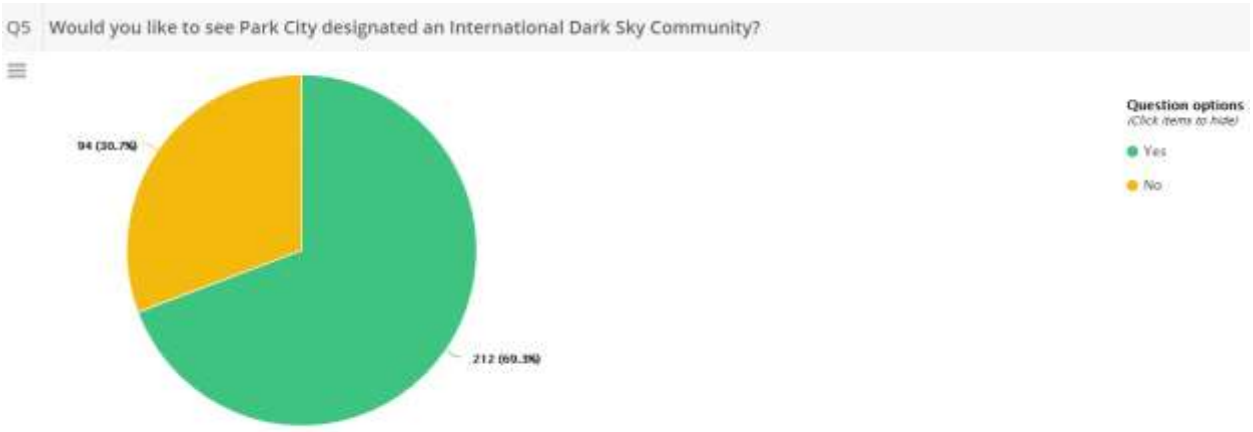
[1] *International Dark Sky Communities Program Guidelines* (June 2018)

the lighting ordinance. However, this process requires time, public support, and consistent efforts over a period of many years. The steps include the following:

- Adoption of an outdoor lighting code that complies with fully shielded requirements, a maximum of 3000 degrees Kelvin for lights, and a maximum Lumen allowance per acre
- Publicly-owned lighting compliance
- Municipal support
- Community support
- Two community dark sky awareness events per year
- Dark sky awareness information for residents and visitors
- Evidence of light pollution control, demonstrated by compliant new construction or measured reduction of light pollution

If the designation is granted, the community is required to install Dark Sky Community signage in the City's entry corridors.

Of the 306 survey respondents, 63.9% expressed an interest in pursuing Dark Sky Community designation for Park City.



Tips for Updating Existing Outdoor Lighting Fixtures

To protect the night sky, Park City Municipal Corporation amended the Land Management Code's (LMC) lighting requirements to align with International Dark-Sky Association's (IDA) standards and Summit County's code. See Ordinance 2021-XX.

HOW YOU CAN PROTECT THE NIGHT SKY WHEN PURCHASING NEW FIXTURES

1) Use outdoor lights only when and where they are needed.

2) Install bulbs with a maximum of 3,000 degrees Kelvin and 2,000 lumens per outdoor fixture.

3) Use dimmers, timers, or motion sensors for outdoor lighting.

4) Select outdoor lighting fixtures that are fully shielded.

EXAMPLE SCENARIOS FOR EXISTING FIXTURES

For existing fixtures that need to be updated to align with the code, see tips below. Tips may be helpful if your fixtures are not down-directed or shielded, have the incorrect bulb type or color, etc.

Existing lights are not shielded and/or down-directed:

1) Add fixture shields, visors, or caps. Many light fixtures can have these attached to prevent up-lighting and light trespass. Reach out to your local hardware store or lighting distributor for options.

DRAFT

Example shielding images courtesy of halcolighting.com and homedepot.com.

2) Many fixtures may be recycled through local organizations, if the fixture can not be modified and needs to be replaced.

Existing lights are shielded and down-directed currently:

1) Install dimmers and/or timers. Many dimmers and timers can be added after the lights have been installed.

2) Add filtering materials to screen out blue light emissions. This can be achieved by changing out transparent shades/globe covers to frosted or solid covers that shelter the bulb from view.

3) Replace bulbs to low wattage, LED bulbs. The bulb temperature may be up to 3,000 degrees Kelvin.

For more information, please visit https://www.parkcity.org/dark-sky.

PROJECT INFORMATION & CONTACT:
Questions and public comments may be directed to the
Planning Department at planning@parkcity.org

City Council
Staff Communications Report

Subject: Assessment of City-owned properties for Dark Skies compliance
Author: Celia Peterson, Rebecca Ward and Elizabeth Jackson
Department: Environmental Sustainability and Planning
Date: January 21, 2021
Type of Item: Communications

Summary:

In order to examine the light footprint of various Park City municipal buildings, the Planning and Sustainability departments intend to contract with Dr. Daniel Mendoza of AQUEHS Corp. and the University of Utah to analyze the outdoor lighting of several Park City Municipal properties, including City Hall, and several City-owned water pump stations. Dr. Mendoza is an expert on Dark Skies, and co-director of the Consortium for Dark Skies Studies at the University of Utah (link), with specific expertise on the health impacts of atmospheric and light pollution. He is also the coordinator for the Minor in Dark Skies Studies program at the U. In the autumn, work will continue with university graduate students from the Dark Skies Studies program to assess Park City areas with drone sensors to determine light pollution.

The intent of this project is to gain an understanding of which City properties will require lighting retrofits to comply with any new Dark Skies lighting Municipal Code amendments.

The scope of the project will include:

- An assessment and quanitification of eight municipal properties using handheld sensors to determine if current lighting meets proposed Dark Skies Code;
- An assessment of light pollution for eight selected site in Park City using drone sensors;
- A report compiling the assessment of municipal properties, detailing results of the above sensor-based assessments;
- A list of fixtures that are in violation of the proposed Code; with
- Recommendations on fixture updates needed to reach compliance with the proposed Code, with special focus on leading energy efficient technologies.

The assessment of City properties will take place February through April, with the final report and recommendations delivered by the end of May 2021. The assessment of light pollution in Park City with university students will proceed during autumn of 2021, with a final report due at the end of December.

Background:

The City's outdoor lighting regulations have not been updated since 1998. The proposed amendments align the outdoor lighting regulations with Summit County's Code and the International Dark-Sky Association standards, but are tailored for the

City's Historic Districts, the resort season, outdoor lighting on Ridge Line Areas and Steep Slopes, and community compliance. Staff conducted a work session with the Planning Commission on September 9, 2020 (staff report linked here) and received a recommendation to update the current outdoor lighting standards. Staff conducted multiple virtual community discussions, sent an informative notification mailer to all Park City residents, and created an engageparkcity webpage that included a community survey. The results of said survey were in general support of the amendments. The Planning Commission reviewed the proposed amendments on November 11, 2020 (staff report linked here). Based on that review, staff brought forward updated amendments to the December 9, 2020 Planning Commission meeting (staff report linked here).

Funding Source:
The total cost proposed for the project is $6000, funded by the Planning and Sustainability departments.

Council Agenda Item Report

Meeting Date: January 21, 2021
Submitted by: Matt Dias
Submitting Department: Executive
Item Type: Staff Report
Agenda Section:

Subject:
Discuss 2021 Legislative Policy Platform

Suggested Action:

Attachments:
2021 Legislative Platform Staff Report

City Council
Staff Report

Subject:	**2021 Legislative Policy Platform**
Author:	**Matthew Dias**
Department:	**Executive**
Date:	**January 19, 2021**
Type of Item:	**Informational & Legislative**

Summary Recommendations:
Review and, as necessary, amend the proposed "2021 Legislative Platform" policy guidelines. Per Council request, the Platform was updated in 2019 to reflect the inclusion of the newest Community Critical Priority – Social Equity.

This year, Park City plans to expand its representation from one lobbyist to two, in addition to maintaining our active participation and leadership roles in the Utah League of Cities and Towns, Utah City Manager Association, and Utah Chiefs of Police Association.

Background:
With the 2021 Legislative Session beginning this week, staff anticipates a very unique Session in terms of how the Legislature will convene physically and maintain public transparency while also upholding the necessary COVID-19 precautions and social distancing measures. In many regards, it may be easier for the public and cities and towns to follow the Legislature electronically now that we are more accustomed to the virtual work environment. On the other hand, those that are unable to attend the Session in-person may also suffer a disadvantage, as much of what transpires on a day-to-day basis is built upon relationships and trust.

In terms of our focus this year, we anticipate a concerted effort to further inhibit local government's ability to regulate and control growth and development – zoning, building code and inspection regulations, affordable housing, and impact fees are known target areas.

Monitoring the State's legislative activities requires ongoing Council and staff commitment throughout the 45 day Session. Despite the unpredictable nature of future legislative actions, staff recommends Council review and, as necessary, amend the proposed "**2021 Legislative Platform,**" which serves as a policy guidebook.

Legislative Platform:
The Legislative Platform was drafted to better define the City's legislative strategies and to provide a solid foundation for staff and Council-led advocacy efforts at the Federal, State, and local levels. Staff has successfully deployed the Platform for several years to help identify legislative subject areas of general concern, as well as to make recommendations to Council on specific legislation using overarching policy guidelines. Additionally, the Platform helps staff and Council to respond to a legislative proposal prior to receiving formal Council direction (frequently necessary when we are caught

between Council meetings). Council and staff only express positions that are generally consistent with the Platform, and subsequently seek Council reaffirmation at the next available meeting.

Policy Guidelines

Park City Municipal generally supports:

1. Legislation that leads to greater financial independence from Federal and State entities, and protects local resources from Federal, State, and other governmental controls;
2. Legislation maintaining maximum local flexibility in all areas of its day-to-day responsibilities, municipal operations, and local land use authority;
3. Legislation that advocates fair and proportionate representation on regional/interlocal boards/commissions; and
4. Legislation that fosters understanding and promotes more equitable access to resources for all residents, visitors and community workforce.

Park City Municipal generally opposes:

1. Legislation that makes the City more dependent on Federal, State, and other governmental agencies for policy direction;
2. Legislation that erodes the City's broad public safety authority or interferes with local decision making regarding land use control;
3. Legislation that imposes intrusive, unnecessary or unfunded mandates that preempts local authority; and
4. Legislation that impedes the equitable administration of public services, justice, and social well-being.