

SA Tomorrow Sustainability Plan

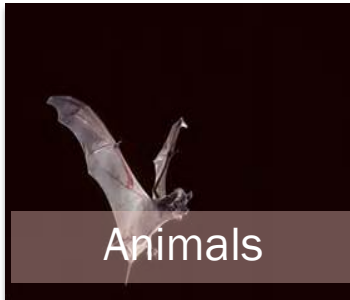
Dark Sky Policy Evaluation Process
Workshop #4

September 15th, 2017

Green Buildings and Infrastructure 10

Working with a broad stakeholder group, study and consider whether to update San Antonio's Dark Sky Ordinance.

The current ordinance only applies to areas around military bases. An update to this ordinance, if deemed necessary through a broad stakeholder process, could expand the reach and leverage newer technology to promote energy savings in addition to the other environmental and health benefits associated with dark skies.

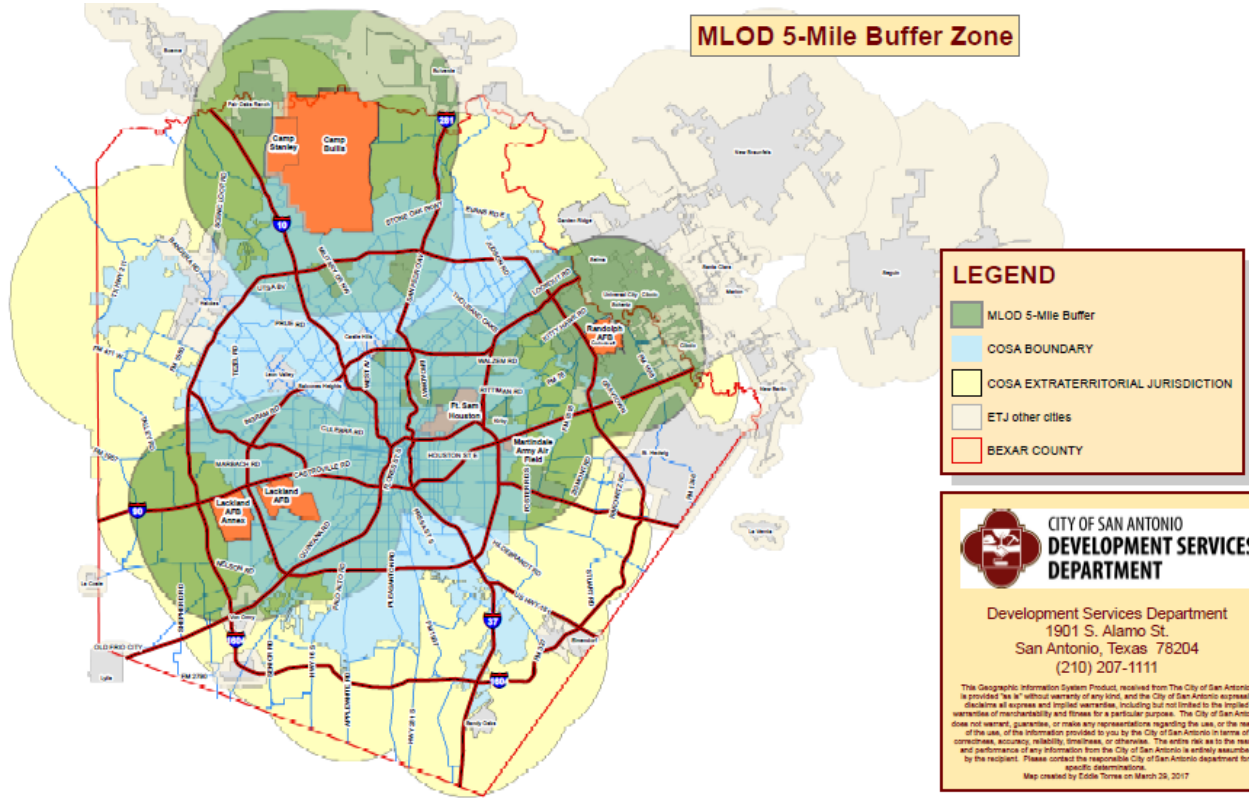


Objectives

- Review current dark sky ordinance
- Evaluate current lighting initiatives and studies
- Evaluate national best practices
- Evaluate pros and cons of expanding the dark sky ordinance
- Discuss scenarios for expanding the dark sky ordinance

Current MLOD Map

MLOD 5-Mile Buffer Zone



LEGEND

- MLOD 5-Mile Buffer
- COSA BOUNDARY
- COSA EXTRATERRITORIAL JURISDICTION
- ETJ other cities
- BEXAR COUNTY



**CITY OF SAN ANTONIO
DEVELOPMENT SERVICES
DEPARTMENT**

Development Services Department
1901 S. Alamo St.
San Antonio, Texas 78204
(210) 207-1111

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Map created by Eddie Torres on March 28, 2017

Current Dark Sky Ordinance Overview

- December 2008 Military Lighting Overlay District (MLOD) enabling ordinance was established
- Currently applies to 5 mile area around Camp Bullis
- Applies to residential and commercial uses, as well as outdoor signs and street lights

Current Dark Sky Ordinance Overview

- MLOD requires:
 - downward light fixtures for outdoor lighting
 - regulates lighting intensity; and
 - restricts outdoor lighting after 11:00 PM with some exceptions
- Board of Adjustments considers any variances and special exceptions

Staff Proposal

1. Update Current Bullis MLOD and apply through rezoning
2. Apply Updated MLOD to Lackland AFB & Medina Training Annex

Summary of Proposed Amendments

- **Additions to Definitions**- BUG: a luminaire classification system that rates backlight (B), upright (U), and glare (G)
- **Implement Two Military Lighting Regions with Standards:**
 - MLR1- within 3 miles = max. 3000K for all outdoor lighting
 - MLR2- between 3 and 5 miles = max. 4100K for all outdoor lighting

Summary of Proposed Amendments

- **Require Outdoor Lighting Specifications:**
 - Residential shall include - Light source information, Including Location, Shielding, and Controls
 - Non-residential shall include - Luminaire/Lamp manufactures and catalog number, Mounting height, BUG rating for each luminaire type, including for any variations in lamping and shielding, and Color information (CCT and CRI)

Summary of Proposed Amendments

- **Provide Exceptions:**
 - Businesses that operate on a 24 hour basis
 - Residential landscape lighting
 - Lighting for steps, stairs, walkways, and building entrances
- **Signage:**
 - NO uplight

Timeline & Next Steps

- Stakeholder Meeting- September/October 2017
- Technical Advisory Meeting- October 2017
- Planning Commission- November/December 2017
- Zoning Commission- January 2018
- Council Sub-Committee- January/February 2018
- City Council-February 2018

Next Steps

- Rezone the MLOD's

Thank you



Douglas Melnick, AICP, ISSP-SA, CNU-A
Chief Sustainability Officer
Office of Sustainability
Office: 210-207-6103
Douglas.Melnick@sanantonio.gov

Eloisa Portillo-Morales, MBA, EIT, CNU-A, LEED- GA
Sustainability Planning Manager
Office of Sustainability
Office: 210-207-6322
Eloisa.Portillo-Morales@sanantonio.gov

Healthy Environment

Thriving Economy

Inclusive & Fair Community

Melissa Ramirez
Assistant Director
Development Services Department
Office: 210-207-1111 Melissa.Ramirez@sanantonio.gov