



The #1 Theft Deterrent Service in the U.S.

121 Executive Center Drive • Suite 230

Columbia, SC 29210

Phone: (803) 404-6189 | Fax: (803) 404-5378

July 1, 2015

Grant Wencel
Planning & Development
City of Spokane
1026 West Broadway
Spokane WA 99260

RECEIVED

JUL 08 2015

PLANNING & DEVELOPMENT SERVICES

RE: Text Amendment

Dear Mr. Wencel:

As discussed, Electric Guard Dog LLC is submitting a proposal to update the Spokane City fence code to all low voltage security fencing. The following documents are enclosed for consideration and to be presented to the Planning Commission.

1. Check in the amount of \$5000 (expedited process of 3 months)
2. Responses to the Code Amendment Application
 - a. General Question Responses
 - b. Text Amendment Response
3. Proposed Text Amendment Language
4. Environmental Checklist
5. MetLabs Report
6. Webster Report
7. IEC 60335-2-76

Please advise of the July date for the Workshop with the Planning Commission and if we will be considered to be on the August 13th meeting agenda. We look forward to working with the City of Spokane City.

Please contact me with any questions.

Sincerely,

Carol Bausinger
Compliance Manager

The Electric Guard Dog

The #1 Theft Deterrent Service in the U.S.

*Perimeter Security that **Stops** Crime Before it Happens*



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1. General Questions (all proposals) with Responses:

- a. Describe the nature of the proposed amendment and explain why the change is necessary.

The amendment is to allow for local business owners in the Commercial, Industrial and Manufacturing zones to install solar powered, electric security fences inside their perimeter fence to keep their property, employees and customers/visitors safe.

- b. How will the proposed change provide a substantial benefit to the public?

Being that the security fence would only be located in the above zones, it would provide substantial benefits to the surrounding businesses by deterring future criminal activity and allow the local law enforcement agency to better patrol other areas in greater need of their attention.

- c. Is this application consistent or inconsistent with the Comprehensive Plan goals, objectives and policies? Describe and attach a copy of any study, report or data, which has been developed that supports the proposed change and any relevant conclusions. If inconsistent please discuss how the analysis demonstrates that changed conditions have occurred which will necessitate a shift in goals and policies.

This application is neutral for the Comprehensive Plan goals, objectives and policies. It is not a detriment to the development and is supportive of the existing facilities and infrastructure.

- d. Is this application consistent or inconsistent with the goals and policies of state and federal legislation, such as the Growth Management Act (GMA) or environmental regulations? If inconsistent, describe the changed community needs or priorities that justify such an amendment and provide supporting documents, reports or studies.

This application is neutral in regards to the Growth Management Act. The text amendment is only applicable to the current Fence code (Section 17C.124.310)

- e. Is this application consistent with the Countywide Planning Policies (CWPP), the comprehensive plans of neighboring jurisdictions, applicable capital facilities or special district plans, the Regional Transportation Improvement District, and official population growth forecasts? If inconsistent please describe the changed regional needs or priorities that justify such an amendment and provide supporting documents, reports or studies.

This application is neutral in regards to the Countywide Planning Policies. The text amendment is only applicable to the current Fence code (Section 17C.124.310)

- f. Are there any infrastructure implications that will require financial commitments reflected in the Six-Year Capital Improvement Plan?

There are no infrastructure implications requiring financial commitments. This application is for an amendment to allow security fencing for businesses with Spokane City.

g. Will this proposal require an amendment to any supporting documents, such as development regulations, Capital Facilities Program, Shoreline Master Program, Downtown Plan, critical areas regulations, any neighborhood planning documents adopted after 2001, or the Parks Plan? If yes, please describe and reference the specific portion of the affected plan, policy or regulation.

This proposal requires an amendment to the Spokane City Fence code,

Section 17C.124.310 Fences

D. Prohibited Fences.

2. No person may maintain a fence or barrier charged with electricity.

h. If this proposal is to modify an Urban Growth Area (UGA) boundary, please provide a density and population growth trend analysis. Changes to the Urban Growth Area may occur only every five years and when the Board of County Commissioners (BoCC) reviews all UGA's countywide.

This proposal will not modify the Urban Growth Area.

2. For Text Amendments:

a. Please provide a detailed description and explanation of the proposed text amendment. Show proposed edits in "line in/line out" format, with text to be added indicated by underlining, and text to be deleted indicated with strikeouts.

We are requesting a text amendment for the installation 10-foot high electric fence security system (Electric Guard Dog aka EGD) approximately 4"-12" inside an existing perimeter fence.

The EGD Security system is a 10' high, electrically charged fence powered by 12 Volt marine battery which is charged by a solar panel. An energizer retains the voltage for 1.3 seconds and thus when released it is boosted to 7,000 volts of a totally safe, pulsed electrical charge. Signage posted a minimum of every 60' warns of the electric fence. However, the safety of the 'shock' is not advertised and therefore, due to our inherent fear of electricity, most criminals will not take a chance in breaching the perimeter. With this, the EGD proactively deters crime unlike cameras, beams and alarms that react to a crime in commission.

The amendment would help provide secure locations for businesses to operate and store equipment and merchandise outdoors. Businesses containing highly desirable, easily 'fenceable' inventory are most susceptible to an even higher increase in would-be criminal activity.

Many businesses in various industries (industrial, commercial, manufacturing, trucking) use 'electric fence' security systems to effectively protect their property where other systems have failed. In addition, Homeland Security has recommended Electric Guard Dog, LLC to many businesses of this nature to protect their business and employees.

Essential safety facts regarding Electric Guard Dog fence

- Totally independent of the city's electrical grid
- Powered by 12-Volt marine battery and solar panel
- Totally enclosed inside a perimeter fence of 6' minimum height
- Pulsed current, shock delivered every 1.3 seconds for one-ten thousandth of a second
- Shortness of duration makes it very safe.
- Fully tested and approved by:
 - MetLabs, a Nationally Recognized Testing Lab with equal authority as UL
 - Dr. Webster, University of Wisconsin, the leading expert in pulsed electricity
- Adheres to International Standard IEC 60336.2.76 of which the United States is a supporting member.

See attached document for proposed text amendment language.

b. Reference the name of the document as well as the title, chapter and number of the specific goal, policy or regulation proposed to be amended/added.

Section 17C.124.310 Fences

D. Prohibited Fences.

- 2. No person may maintain a fence or barrier charged with electricity.***

PROPOSED ELECTRIC FENCE ORDINANCE

Section 17C.124.310 Fences

D. Prohibited Fences.

~~2. No person may maintain a fence or barrier charged with electricity.~~

A. The construction and use of electric fences shall be allowed in the city only as provided in this section, subject to the following standards:

1. IEC Standard 60335-2-76: Unless otherwise specified herein, electric fences shall be constructed or installed in conformance with the specifications set forth in International Electro technical Commission (IEC) Standard No. 60335-2-76.

2. Electrification:

(a) The energizer for electric fences must be driven by a commercial storage battery not to exceed 12 volts DC. The storage battery is charged primarily by a solar panel. However the solar panel may be augmented by a commercial trickle charger.

(b) The electric charge produced by the fence upon contact shall not exceed energizer characteristics set forth in paragraph 22.108 and depicted in Figure 102 of IEC Standard No. 60335-2-76.

3. Perimeter fence or wall:

(a) No electric fence shall be installed or used unless it is completely surrounded by a non-electrical fence or wall that is not less than six feet.

4. Location: Electric fences shall be permitted on any non-residential outdoor storage areas.

5. Height: Electric fences shall have a height of 10 feet.

6. Warning signs: Electric fences shall be clearly identified with warning signs that read: "Warning-Electric Fence" at intervals of not less than sixty feet.

7. Electric fences shall be governed and regulated under burglar alarm regulations and permitted as such.

B. It shall be unlawful for any person to install, maintain or operate an electric fence in violation of this section.



Electric Fence
Code Amendment

DESCRIPTION OF THE PROPOSED AMENDMENT Please check the appropriate box(es):
(Inconsistent Amendments will only be processed every other year beginning in 2005.)

- | | |
|---|--|
| <input type="checkbox"/> Comprehensive Plan Text Change | <input type="checkbox"/> Land Use Designation Change |
| <input checked="" type="checkbox"/> Regulatory Code Text Change | <input type="checkbox"/> Area-wide Rezone |

Please respond to these questions on a separate piece of paper. Incomplete answers may jeopardize your application's chances of being reviewed during this amendment cycle.

1. General Questions (for all proposals):

- ✗ a. Describe the nature of the proposed amendment and explain why the change is necessary.
- ✗ b. How will the proposed change provide a substantial benefit to the public?
- ✗ c. Is this application consistent or inconsistent with the Comprehensive Plan goals, objectives and policies? Describe and attach a copy of any study, report or data, which has been developed that supports the proposed change and any relevant conclusions. If inconsistent please discuss how the analysis demonstrates that changed conditions have occurred which will necessitate a shift in goals and policies.
- ✗ d. Is this application consistent or inconsistent with the goals and policies of state and federal legislation, such as the Growth Management Act (GMA) or environmental regulations? If inconsistent, describe the changed community needs or priorities that justify such an amendment and provide supporting documents, reports or studies.
- ✗ e. Is this application consistent with the Countywide Planning Policies (CWPP), the comprehensive plans of neighboring jurisdictions, applicable capital facilities or special district plans, the Regional Transportation Improvement District, and official population growth forecasts? If inconsistent please describe the changed regional needs or priorities that justify such an amendment and provide supporting documents, reports or studies.
- ✗ f. Are there any infrastructure implications that will require financial commitments reflected in the Six-Year Capital Improvement Plan?
- ✗ g. Will this proposal require an amendment to any supporting documents, such as development regulations, Capital Facilities Program, Shoreline Master Program, Downtown Plan, critical areas regulations, any neighborhood planning documents adopted after 2001, or the Parks Plan? If yes, please describe and reference the specific portion of the affected plan, policy or regulation.
- ✗ h. If this proposal is to modify an Urban Growth Area (UGA) boundary, please provide a density and population growth trend analysis. Changes to the Urban Growth Area may occur only every five years and when the Board of County Commissioners (BoCC) reviews all UGA's countywide.

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- a. Please provide a detailed description and explanation of the proposed text amendment. Show proposed edits in "line in/line out" format, with text to be added indicated by underlining, and text to be deleted indicated with ~~strikeouts~~.
- b. Reference the name of the document as well as the title, chapter and number of the specific goal, policy or regulation proposed to be amended/added.

3. For Map Change Proposals:

- a. Attach a map of the proposed amendment site/area, showing all parcels and parcel numbers.
- b. What is the current land use designation?
- c. What is the requested land use designation?
- d. Describe the land uses surrounding the proposed amendment site (land use type, vacant/occupied, etc.)