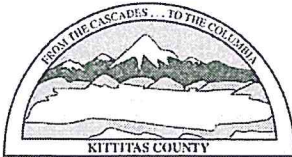


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KITTITAS COUNTY COMMUNITY DEVELOPMENT SERVICES

411 N. Ruby St. Site 2, Ellensburg, WA 98926

CDS@CO.KITTITAS.WA.US

Office (509) 962-7506

Fax (509) 962-7682

"Building Partnerships - Building Communities"

SEPA ENVIRONMENTAL CHECKLIST

PURPOSE OF CHECKLIST:

The State Environmental Protection Act (SEPA), chapter 43.21C RCW. Requires all governmental agencies to consider the environmental impacts of a proposal before making decisions. An environmental impact statement (EIS) must be prepared for all proposals with probable significant adverse impacts on the quality of the environment. The purpose of this checklist is to provide information to help you and the agency identify impacts from your proposal (and to reduce or avoid impacts from the proposal, if it can be done) and to help the agency decide whether an EIS is required.

INSTRUCTIONS FOR APPLICANTS:

This environmental checklist asks you to describe some basic information about your proposals. Governmental agencies use this checklist to determine whether the environmental impacts or your proposal are significant, requiring preparation if an EIS. Answer the questions briefly, with the most precise information known, or give the best description you can.

You must answer each question accurately and carefully, to the best of your knowledge. In most cases, you should be able to answer the questions from your own observations or project plans without the need to hire experts. If you really do not know the answer, or if a question does not apply to your proposal, write "don not know" or "does not apply" Complete answers to the questions now may avoid unnecessary delays later.

Some questions ask about governmental regulations, such as zoning, shoreline and landmark designations. Answer these questions if you can. If you have problems, the governmental agencies can assist you.

The checklist questions apply to all parts of your proposal, even if you plan to do them over a period of time or on different parcels of land. Attach any additional information that will help describe your proposal or its environmental effects. The agency to which you submit this checklist may ask you to explain your answers or provide additional information reasonably related to determining if there may be significant adverse impact.

USE OF CHECKLIST FOR NONPROJECT PROPOSALS:

Complete this checklist for non-project proposals, even though questions may be answered "does not apply." IN ADDITION, complete the SUPPLEMENTAL SHEET FOR NONPROJECT ACTIONS.

For non-project actions, the references in the checklist to the words "project," "applicant" and "property or site" should be read as "proposal," "proposer" and "affected geographic are" respectively.

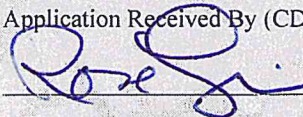
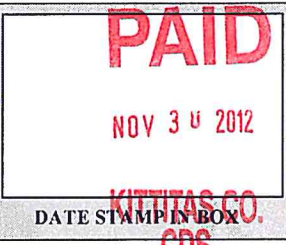
APPLICATION FEES:

490.00 Kittitas County Community Development Services (KCCDS)

70.00 Kittitas County Department of Public Works

\$560.00 Total fees due for this application (One check made payable to KCCDS)

FOR STAFF USE ONLY

Application Received By (CDS Staff Signature): 	DATE: 11/30/12	RECEIPT # 00066148	
DATE STAMP IN BOX			

COMMUNITY PLANNING • BUILDING INSPECTION • PLAN REVIEW • ADMINISTRATION • PERMIT SERVICES • CODE ENFORCEMENT

TO BE COMPLETED BY APPLICANT

FOR STAFF USE

A. BACKGROUND

1. Name of proposed project, if applicable:
Helena Avenue Substation

2. Name of applicant:
City of Ellensburg, Energy Services Dept

3. Address and phone number of applicant and contact person:
501 North Anderson St - (509)962-7223 p

4. Date checklist prepared:
November 15, 2012

5. Agency requesting checklist:
Kittitas Co. Community Development Department

6. Proposed timing or schedule (including phasing, if applicable):
Permitting in 2013, Construction to begin in 2014

7. Do you have any plans for future additions, expansion, or further activity related to or connected with this proposal? If yes, explain.
no

8. List any environmental information you know about that had been prepared, or will be prepared, directly related to this proposal.
none known

9. Do you know whether applications are pending for governmental approvals of other proposals directly affecting the property covered by your proposal? If yes, explain.
none known

10. List any government approvals or permits that will be needed for your proposal, if known.
Property Easement – (obtained from CWU, recorded 12/10/2008 E080583)
BPA Reimbursable Agreement - pending

Building Permit?

11. Give brief, complete description of your proposal, including the proposed uses and the size of the project and site. There are several questions later in this checklist that ask you to describe certain aspects of your proposal. You do not need to repeat those answers on this page. (Lead agencies may modify this form to include additional specific information on project description.)
230 ft x 240 ft portion of the parcel will be used for a 115KV Electrical Utility Substation, within a substation fence, and served by the Bonneville Power Administration 115KV Transmission Line along Helena Ave.

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12. Location of the proposal. Give sufficient information for a person to understand the precise location of your proposed project, including a street address, if any, and section, township, and range, if known. If a proposal would occur over a range of area, provide the range or boundaries of the site(s). Provide a legal description, site plan, vicinity map, and topographic map, if reasonably available. While you should submit any plans required by the agency, you are not required to duplicate maps or detailed plans submitted with any permit applications related to this checklist.
 A portion of Section 25, Township 18 North, Range 18 East, W.M. situated in the County of Kittitas, State of Washington, ASSESSOR'S TAX PARCEL NO.: 936233

B. ENVIRONMENTAL ELEMENTS

1. Earth

a. General description of the site (circle one): flat, rolling, hilly, steep slopes, mountainous, other.

b. What is the steepest slope on the site (approximate percent slope)?
 Approx. 2.4 %

c. What general types of soils are found on the site (for example, clay, sand, gravel, peat, muck)? If you know the classification of agricultural soils, specify them and note any prime farmland.
 sand, silt, clay, gravel

d. Are there surface indications or history of unstable soils in the immediate vicinity?
 no

e. Describe the purpose, type, and approximate quantities of any filing or grading proposed. Indicate source of fill.

Noise, Dust?

Approx 900cy of base course and top base course crushed rock. Approx 900cy of finish course crushed rock shall be crushed quarry rock, free of fines, and conforming to the requirements of 1-inch to 3/4-inch minus. The crushed rock shall meet the requirements of AASHO designation M77-64. Substation base course & grade surface rock will come from local gravel supplier, at the contractors discretion.

f. Could erosion occur as a result of clearing, construction, or use? If so, generally describe.
 minimal if any, as construction and excavation runoff will drain to retention pond/ infiltration swale located in the SW (lowest corner) of the site

g. About what percentage of the site will be covered with impervious surfaces after project construction (for example, asphalt or buildings)?
 approx 5%

h. Proposed measures to reduce or control erosion, or other impacts to the earth, if any:
 infiltration swale located along the southwest corner of the property

2. AIR

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a. What types of emissions to the air would result from the proposal (i.e. dust, automobiles, odors, industrial wood smoke) during construction and when the project is completed? If any, generally describe and give approximate quantities if known. _____

Exhaust emissions from construction equipment will occur during construction. Dust may be emitted during excavation and backfill operations, between waterings as per C. below

b. Are there any off-site sources of emissions or odor that may affect your proposal? If so, generally describe. _____

There no known off-site sources of emissions or odor that may affect this proposal

c. Proposed measures to reduce or control emissions or other impacts to air, if any: _____

Construction Contract Documents will require contractor furnish equipment for applying water that shall be of a type and quality adequate for the work, shall not leak, and shall be equipped with a distributor bar or other approved device to assure uniform application

Dust mitigation

3. WATER

a. Surface _____

1) Is there any surface water body on or in the immediate vicinity of the site (including year-round and seasonal streams, saltwater, lakes, ponds, wetlands)? If yes, describe type and provide names. If appropriate, state what streams or river it flows into. _____

no

2) Will the project require any work over, in or adjacent to (within 200 feet) the described waters? If yes, please describe and attach available plans. _____

no

3) Estimate the fill and dredge material that would be placed in or removed from surface water or wetlands, and indicate the area of the site that would be affected. Indicate the source of fill material. _____

none

4) Will the proposal require surface water withdrawals or diversions? Give general description, purpose, and approximate quantities if known. _____

n/a

5) Does the proposal lie within a 100-year floodplain? If so, note location on the site plan. _____

No. - Zone C
RE: FEMA Flood Insurance Rate map 5300950439B, 5302340002C -

6) Does the proposal involve any discharges of waste materials to surface waters? If so, describe the type of waste and anticipated volume of discharge. _____

no

b. Ground _____

1) Will ground water be withdrawn, or will water be discharged to surface waters? If so, give general description, purpose, and approximate quantities if known. _____

no - if water were discharged, it will be directed to infiltration swale located along the southwest corner of the property

2) Describe waste materials that will be discharged into the ground from septic tanks or other sources, if any (for example: domestic _____

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sewage; industrial, containing the following chemicals...; agricultural; etc.). Describe the general size of the system, the number of such systems, the number of houses to be served (if applicable), or the number of animals or humans the system(s) are expected to serve.
N/A

c. Water Runoff (including storm water):

1) Describe the source of runoff (including storm water) and method of collection and disposal, if any (include quantities, if known).

Where will this water flow? Will this water flow into other waters?

If so, describe.

Contract will include language to require the contractor to provide and operate equipment adequate to keep all excavations and trenches free of water. Removal of all water will be required during periods when concrete is being deposited, when pipe is being laid, during the placing of backfill, and at such other times as required for efficient and safe execution of the work. Contractor will be required to dispose of water in a manner that will not damage adjacent property. When dewatering open excavations, dewater from outside the structural limits and from a point below the bottom of the excavation when possible. Design and operate dewatering system to prevent removal of fines from existing ground

2) Could waste materials enter ground or surface waters? If so, generally describe.

no

d. Proposed measures to reduce or control surface, ground, and runoff water impacts, if any:

n/a

4. PLANTS

a. Check or circle types of vegetation found on the site:

- deciduous tree: alder, maple, aspen, other
- evergreen tree: fir, cedar, pine, other
- shrubs
- grass
- pasture
- crop or grain
- wet soil plants: cattails, buttercup, bulrush, skunk cabbage, other
- water plants: water lily, eelgrass, milfoil, other
- other types of vegetation: _____

b. What kind and amount of vegetation will be removed or altered?
240 ft x 200 ft -quack grass

c. List threatened or endangered species known to be on or near the site.
none known

d. Proposed landscaping use of native plants, or other measures to preserve or enhance vegetation on the site, if any:
no vegetation planned, 240 ft x 200 ft area to be enclosed by substation fence

5. ANIMALS

a. Circle any birds and animals which have been observed on or near the site or are known to be on or near the site:

- birds: hawk, heron, eagle, songbirds, other:
- mammals: deer, bear, elk, beavers, other:
- fish: bass, salmon, trout, herring, shellfish, other: _____

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b. List any threatened or endangered species known to be on or near the site.
none known

c. Is the site part of a migration route? If so, explain.
none known

d. Proposed measures to preserve or enhance wildlife, if any.
n/a

6. ENERGY AND NATURAL RESOURCES

a. What kinds of energy (electric, natural gas, oil, wood stove, solar) will be used to meet the completed project's energy needs? Describe whether it will be used for heating, manufacturing, etc.
electric

b. Would your project affect the potential use of solar energy by adjacent properties? If so, describe.
low profile design will minimize any potential to effect solar projects on adjacent properties

c. What kinds of energy conservation features are included in the plans of this proposal? List other proposed measures to reduce or control energy impacts, if any.
n/a

7. ENVIRONMENTAL HEALTH

a. Are there any environmental health hazards, including exposure to toxic chemicals, risk of fire and explosion, spill, or hazardous waste, that could occur as a result of this proposal? If so, describe.
Transformer tank will contain up to 5000 gallons of mineral oil, Breaker will likely use SF6 gas inside a tank. Batteries, likely Ni-Cad, will be onsite for backup breaker operation during outage

1) Describe special emergency services that might be required.
n/a

2) Proposed measures to reduce or control environmental health hazards, if any.

Transformer will be retained inside concrete containment structure to prevent oil spill:
battery eye wash station shall be retained on site near proposed batteries.
MSDS material data safety sheets will be on site for batteries and SF6 breaker

b. Noise

1) What types of noise exist in the area which may affect your project (for example, traffic, equipment, operation, other)?

Vehicle traffic on Helena causes noise, but will not affect project

2) What types and levels of noise would be created by or associated with the project on a short-term basis (for example: traffic, construction, operation, other)? Indicate what hours noise would come from the site.

CONSTRUCTION HOURS?

Short term - construction will result in heavy equipment, vehicle, truck and other noise during construction. Long term - Energy Services will specify the substation transformer be <68db during normal operation.

3) Proposed measures to reduce or control noise impacts, if any.

transformer noise spec - substation transformer shall be <68db and that will be reduced further due to the block wall or opaque fence surrounding the site

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8. LAND AND SHORELINE USE

a. What is the current use of the site and adjacent properties?
Livestock, grazing

b. Has the site been used for agriculture? If so, describe.
Livestock, grazing

c. Describe any structures on the site.
n/a

d. Will any structures be demolished? If so, what?
no

e. What is the current zoning classification of the site?
Site is Unincorporated - in the County adjacent properties across
Helena Ave are in the City, zoned Residential, Medium Density & Suburban

Urban Residential Zoning

f. What is the current comprehensive plan designation of the site?
The designation is Urban Growth Area (UGA)

URBAN RESIDENTIAL ZONING
URBAN LAND USE

g. If applicable, what is the current shoreline master program designation of the site?
n/a

h. Has any part of the site been classified as an:
environmentally sensitive area?
Wetland Code - U, PEMC

NOT IN CONSTRUCTION
SITE

i. Approximately how many people would the completed project displace?
none

j. Approximately how many people would reside or work in the completed project? none

k. Proposed measures to avoid or reduce displacement impacts, if any.
n/a

l. Proposed measures to ensure the proposal is compatible with existing and projected land uses and plans, if any.

9. HOUSING n/a

a. Approximately how many units would be provided, if any? Indicate whether high, middle or low-income housing.
Not applicable

b. Approximately how many units, if any, would be eliminated? Indicate whether high, middle or low-income housing.
Not applicable

c. Proposed measures to reduce or control housing impacts, if any.
Not applicable

10. AESTHETICS

a. What is the tallest height of any proposed structure(s), not including antennas; what is the principal exterior building material(s) proposed?
Site to be surrounded by a substation opaque or block wall to minimize visual effects, topped with barbed wire to prevent unauthorized entry. At least two Metal roofed & metal sided substation control building will be inside the fence. Energy Services Department proposes installing more expensive low profile (shorter than usual) metal clad switchgear to make the substation buswork almost entirely hidden from view. Substation transformer height will be specified as low as possible to minimize visual effects, but transformer will still be visible from outside the fence due to the electrical requirements. Top of transformer and electrical buswork may be higher than 20 ft. 80 ft tall power poles will be used to connect to the Bonneville Power Admin 115KV transmission line along Helena Ave

b. What views in the immediate vicinity would be altered or obstructed?
View of the undeveloped property owned by CWU North of the site will be affected as viewed from Helena Ave
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- c. Proposed measures to reduce or control aesthetic impacts, if any .
Energy Services Department proposes installing block wall or other opaque fence to surround the site, hiding most of the substation gear from view

11. LIGHT AND GLARE

- a. What type of light or glare will the proposal produce? What time of day would it mainly occur?
After hours, security lighting inside the substation fence will be visible. After dusk, before dawn, these lights will be using full cutoff luminaires to minimize light trespass outside the substation site fence, but allow light crews and/or police to see if unauthorized activity is taking place inside the site.
- b. Could light or glare from the finished project be a safety hazard or interfere with views?
Possible, but not likely
- c. What existing off-site sources of light or glare may affect your proposal?
none
- d. Proposed measures to reduce or control light and glare impacts, if any.
flat, full cutoff lenses on high pressure sodium luminaires are designed to minimize off site light trespass

12. RECREATION

- a. What designated and informal recreational opportunities are in the immediate vicinity?
Not applicable
- b. Would the proposed project displace any existing recreational uses? If so, describe. Not applicable
- c. Proposed measures to reduce or control impacts on recreation, including recreation opportunities to be provided by the project or applicant, if any:
Not applicable

13. HISTORIC AND CULTURAL PRESERVATION

- a. Are there any places or objects listed on, or proposed for, national, state, or local preservation registers known to be on or next to the site? If so, generally describe.
None known
- b. Generally describe any landmarks or evidence of historic, archaeological, scientific, or cultural importance known to be on or next to the site.
None known
- c. Proposed measures to reduce or control impacts, if any.
Not applicable

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14. TRANSPORTATION

a. Identify public streets and highways serving the site, and describe proposed access to the existing street system. Show on site plans, if any.

Site can be reached by Helena Ave from the East or West, and via North Chestnut St from the South.

b. Is site currently served by public transit? If not, what is the approximate distance to the nearest transit stop?

No - 640 ft to the west, the Central Transit System stops at Intersection of N Walnut St & E Helena Ave.

c. How many parking spaces would the completed project have? How many would the project eliminate?

None added - None eliminated

d. Will the proposal require any new roads or streets, or improvements to existing roads or streets, not including driveways? If so, generally describe (indicate whether public or private).

No new road are expected to be created

e. Will the project use (or occur in the immediate vicinity of) water, rail, or air transportation? If so, generally describe.

Not applicable.

f. How many vehicular trips per day would be generated by the completed project? If known, indicate when peak volumes would occur.

One weekly visit by light crew is expected at a minimum. one visit per day maximum.

g. Proposed measures to reduce or control transportation impacts, if any.

not applicable

15. PUBLIC SERVICE

a. Would the project result in an increased need for public services (for example: fire protection, police protection, health care, schools, other)? If so, generally describe.

no

b. Proposed measures to reduce or control direct impacts on public services, if any.

Not applicable

16. UTILITIES

a. Circle utilities currently available at the site: electricity, natural gas, water, refuse services, telephone, sanitary sewer, septic system, other.

b. Describe the utilities that are proposed for the project, the utility

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providing the services, and the general construction activities on the site or in the immediate vicinity which might be needed.

Electric by City, I-net Fiber Optic by Charter Comm & Telephone service by Fairpoint - (or others) will be proposed for the site,

C. SIGNATURE

The above answers are true and complete to the best of my knowledge. I understand that the lead agency is relying on them to make its decision.

Signature: _____

Date: 11/27/12

Print Name: Wayne Weidert

THE REMAINING QUESTIONS ARE EXCLUSIVELY FOR REZONE APPLICANTS AND FOR AMENDMENTS TO COUNTY COMPREHENSIVE PLAN AND CODE. UNLESS THESE APPLY TO YOU, THIS IS THE END OF THE SEPA CHECKLIST.

SEPA ENVIRONMENTAL CHECKLIST QUESTIONS FOR NON-PROJECT ACTIONS ONLY. WHEN ANSWERING THESE QUESTIONS, BE AWARE THE EXTENT OF THE PROPOSAL, OR THE TYPE OF ACTIVITIES LIKELY TO RESULT FROM THE PROPOSAL, WOULD AFFECT AN ITEM AT A GREATER INTENSITY OR AT A FASTER RATE THAN IF THE PROPOSAL WERE NOT IMPLEMENTED. RESPOND BRIEFLY AND IN GENERAL TERMS (ATTACH ADDITIONAL SHEETS AS NECESSARY)

FOR STAFF USE

1. How would the proposal be likely to increase discharge to water; emissions to air; production, storage, or release of toxic or hazardous substances; or production of noise? Proposed measures to avoid or reduce such increases.

2. How would the proposal be likely to affect plants, animals, fish or marine life: Proposed measures to protect or conserve plants, animals, fish or marine life.

3. How would the proposal be likely to deplete energy or natural resources? Proposed measures to protect or conserve energy and natural resources.

4. How would the proposal be likely to use or affect environmentally sensitive areas or areas designated (or eligible or under study) for governmental protection; such as parks, wilderness, wild and scenic rivers, threatened or endangered species habitat, historic or cultural sites, wetlands, floodplains, or prime farmlands? Proposed measures to protect such resources or to avoid or reduce impacts.

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5. How would the proposal be likely to affect land and shoreline use, including whether it would allow or encourage land or shoreline uses? Proposed measures to avoid or reduce shoreline and land use impact.

6. How would the proposal be likely to increase demands on transportation or public services and utilities? Proposed measures to reduce or respond to such demand(s).

7. Identify, if possible, whether the proposal may conflict with local, state, or federal laws or requirements for the protection of the environment.

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