



KITTTITAS COUNTY COMMUNITY DEVELOPMENT SERVICES

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"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:

10/17/11

RECEIPT #

12660

RECEIVED

OCT 17 2011

KITTTITAS COUNTY
CDS

DATE STAMP IN BOX

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

FORM LAST REVISED: 4-21-11

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ORIGINAL

TO BE COMPLETED BY APPLICANT

FOR STAFF USE

A. BACKGROUND

1. Name of proposed project, if applicable:
Cascade Field and Stream Club Shooting Range
2. Name of applicant:
Cascade Field and Stream Club
3. Address and phone number of applicant and contact person:
PO Box 959, Ellensburg, WA 98926
(509) 962-8242
4. Date checklist prepared:
January 19, 2011
5. Agency requesting checklist:
Kittitas County
6. Proposed timing or schedule (including phasing, if applicable):
Immediate use of current facility;
Add ranges as the need and money allows.
7. Do you have any plans for future additions, expansion, or further activity related to or connected with this proposal? If yes, explain.
Yes. Additional ranges similar to Attachment F range designs may be added in the future.
8. List any environmental information you know about that had been prepared, or will be prepared, directly related to this proposal.
SEPA and EIS was completed in 2007 for Kittitas Valley Wind Power Project that includes this property.
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.
Kittitas County Conditional Use Permit for a shooting range.
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.)
Shooting Range on 182 acre site as per Attachment A with future use as per Attachment B.

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.

2380 Hayward Rd, Cle Elum, WA 98922
 Portion of East 1/2, Section 21, Township 19 N, Range 17 East, W.M.

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)?
 ±30%

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.

Varying depths of mineral soils covering consolidated alluvium and basaltic rock.

d. Are there surface indications or history of unstable soils in the immediate vicinity?

None known or observed.

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

Future ranges may be graded. Gravel imported to surface parking areas.

f. Could erosion occur as a result of clearing, construction, or use? If so, generally describe.

Yes. Rainfall and snowmelt could wash exposed areas.

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

Less than 1%.

h. Proposed measures to reduce or control erosion, or other impacts to the earth, if any:

Re-vegetate or gravel exposed areas as needed to minimize any erosion.

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. _____

Dust and equipment during construction. Autos and gunfire during use.

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

No.

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

Use of best management practices during construction together with dust control. _____

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. _____

Seasonal stream and pond during snowmelt.

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. _____

None planned.

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. _____

None planned.

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

No.

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. _____

None planned. Future club members may desire to drill a well. Any well will be drilled consistent with Ecology and Health Department rules and regulations.

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

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.

None planned. "Porta-potty" to be used as needed. Future improvements may include septic tank with drainfield.

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.

Rainwater and snowmelt - expect water to seep into ground. Will create storm water retention areas as required by applicable law.

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

Not likely (see Lead Management Plan, Attachment C).

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

Re-vegetate exposed ground as needed.

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?

Sage and grass in ranges and shot fall zones.

c. List threatened or endangered species known to be on or near the site.

None known or observed.

d. Proposed landscaping use of native plants, or other measures to preserve or enhance vegetation on the site, if any:

Use native seed as available for re-vegetating.

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: _____

- b. List any threatened or endangered species known to be on or near the site.
None known or observed. _____
- c. Is the site part of a migration route? If so, explain.
Pacific flyway. _____
- d. Proposed measures to preserve or enhance wildlife, if any.
Proposal leave majority of property undisturbed that will allow use by wildlife. _____

6. ENERGY AND NATURAL RESOURCES

- a. What kinds of energy (electric, natural gas, oil, wood stove, solar) will be used to meet the competed project's energy needs? Describe whether it will be used for heating, manufacturing, etc.
None planned. Electric in future. _____
- b. Would your project affect the potential use of solar energy by adjacent properties? If so, describe.
No. _____
- 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.
All activities will be run during daylight hours. May install lighting for future use. _____

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.
Yes. Lead from bullets and shot shells.
1) Describe special emergency services that might be required.
None. _____
- 2) Proposed measures to reduce or control environmental health hazards, if any. Lead Management (Attachment C); Range Rules (Attachment D) _____
- b. Noise
1) What types of noise exist in the area which may affect your project (for example, traffic, equipment, operation, other)?
None - Wind turbines. _____
- 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.
Gunfire, construction of future ranges (see EIS and Attachment E for additional information on noise measurements). _____
- 3) Proposed measures to reduce or control noise impacts, if any.
Shooting during daylight hours only. Law enforcement might use for night training. _____

8. LAND AND SHORELINE USE

- a. What is the current use of the site and adjacent properties?
Industrial wind farm and open range.
- b. Has the site been used for agriculture? If so, describe.
None other than sporadic and minimal grazing.
- c. Describe any structures on the site.
Wind turbines.
- d. Will any structures be demolished? If so, what?
No.
- e. What is the current zoning classification of the site?
AG-20.
- f. What is the current comprehensive plan designation of the site?
Rural.
- 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?
None known.
- 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.
None.
- l. Proposed measures to ensure the proposal is compatible with existing and projected land uses and plans, if any.
None.

9. HOUSING

- a. Approximately how many units would be provided, if any? Indicate whether high, middle or low-income housing.
N/A
- b. Approximately how many units, if any, would be eliminated? Indicate whether high, middle or low-income housing.
N/A
- c. Proposed measures to reduce or control housing impacts, if any.
N/A

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?
±25'. Not to exceed zoning.
- b. What views in the immediate vicinity would be altered or obstructed?
None.

- c. Proposed measures to reduce or control aesthetic impacts, if any.
None.

11. LIGHT AND GLARE

- a. What type of light or glare will the proposal produce? What time of day would it mainly occur?
Project will create no light or glare. May add lighting in the future.
- b. Could light or glare from the finished project be a safety hazard or interfere with views?
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.
None.

12. RECREATION

- a. What designated and informal recreational opportunities are in the immediate vicinity?
Shooting, hiking, hunting, etc. on adjacent state lands.
- b. Would the proposed project displace any existing recreational uses? If so, describe. No.
- c. Proposed measures to reduce or control impacts on recreation, including recreation opportunities to be provided by the project or applicant, if any:
None.

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.
Kittitas Valley Wind Farm conducted a survey in January 2009 and did not identify any sites.
- c. Proposed measures to reduce or control impacts, if any.
If any sites or remains are observed the governing agency will be contacted.

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.
Hayward Road (Attachment A). Access will be from the north on Hayward Road off of Horse Canyon Road only. Hayward Road south of the Club's access is unimproved and will not be used for access to the property. _____

- b. Is site currently served by public transit? If not, what is the approximate distance to the nearest transit stop?
No. _____

- c. How many parking spaces would the completed project have? How many would the project eliminate?
Open area for parking of vehicles _____

- 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).
None planned. _____

- e. Will the project use (or occur in the immediate vicinity of) water, rail, or air transportation? If so, generally describe.
No. _____

- f. How many vehicular trips per day would be generated by the completed project? If known, indicate when peak volumes would occur.
Expect 4-5 ADTs on weekends, 1-2 ADTs during week. May have 10-20 ADTs on range 2-4 times per year or on hunter education days. _____

- g. Proposed measures to reduce or control transportation impacts, if any.
None. _____

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.
Not likely. _____

- b. Proposed measures to reduce or control direct impacts on public services, if any.
None. _____

16. UTILITIES

- a. Circle utilities currently available at the site: electricity, natural gas, water, refuse services, telephone, sanitary sewer, septic system, other.
None. _____

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

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

None. May install electric in the future.

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: Chris Cruse

Date: 9/28/2011

Print Name: Chris Cruse

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.

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.
