SEPA ENVIRONMENTAL CHECKLIST UPDATED 2014

Purpose of checklist:

Governmental agencies use this checklist to help determine whether the environmental impacts of your proposal are significant. This information is also helpful to determine if available avoidance, minimization or compensatory mitigation measures will address the probable significant impacts or if an environmental impact statement will be prepared to further analyze the proposal.

Instructions for applicants: [help]

This environmental checklist asks you to describe some basic information about your proposal. Please answer each question accurately and carefully, to the best of your knowledge. You may need to consult with an agency specialist or private consultant for some questions. You may use "not applicable" or "does not apply" only when you can explain why it does not apply and not when the answer is unknown. You may also attach or incorporate by reference additional studies reports. Complete and accurate answers to these questions often avoid delays with the SEPA process as well as later in the decision-making process.

The checklist questions apply to <u>all parts of your proposal</u>, 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.

Instructions for Lead Agencies:

Please adjust the format of this template as needed. Additional information may be necessary to evaluate the existing environment, all interrelated aspects of the proposal and an analysis of adverse impacts. The checklist is considered the first but not necessarily the only source of information needed to make an adequate threshold determination. Once a threshold determination is made, the lead agency is responsible for the completeness and accuracy of the checklist and other supporting documents.

Use of checklist for nonproject proposals: [help]

For nonproject proposals (such as ordinances, regulations, plans and programs), complete the applicable parts of sections A and B plus the <u>SUPPLEMENTAL SHEET FOR NONPROJECT ACTIONS (part D)</u>. Please completely answer all questions that apply and note that the words "project," "applicant," and "property or site" should be read as "proposal," "proponent," and "affected geographic area," respectively. The lead agency may exclude (for non-projects) questions in Part B - Environmental Elements – that do not contribute meaningfully to the analysis of the proposal.

A. background [help]

1. Name of proposed project, if applicable: [help]

Anderson Hay & Grain Company Grading and Excavating Project

2. Name of applicant: [help]

Alan Fife; Anderson Hay & Grain Company

Kittitas County CDS



3. Address and phone number of applicant and contact person: [help]

Anderson Hay & Grain Company Alan Fife PO Box 99 Ellensburg, WA 98926 509-607-0979 Grette Associates LLC (Agent) Ryan Walker 151 S. Worthen St., Suite 101 Wenatchee, WA 98801 509-663-6300

4. Date checklist prepared: [help]

August 12, 2021

5. Agency requesting checklist: [help]

Kittitas County

6. Proposed timing or schedule (including phasing, if applicable): [help]

Upon receipt of grading and excavating permit.

7. Do you have any plans for future additions, expansion, or further activity related to or connected with this proposal? If yes, explain. [help]

A residential home may be developed on the site in the future.

8. List any environmental information you know about that has been prepared, or will be prepared, directly related to this proposal. [help]

Vegetation survey.

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. [help]

No

10. List any government approvals or permits that will be needed for your proposal, if known. [help]

Kittitas County grading 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.) [help]

The applicant proposes to remove rock material for reuse in dispersed locations on other parcels owned by Anderson Hay & Grain Company. At completion of the quarrying activities, site grading will result in the creation of an access road meeting County driveway standards, and a building pad slightly less than 1 acre in size with the potential to be developed as a residential home site in the future.

A track mounted excavator would be delivered to the property to be used for excavation, grading, clearing and filling activities. Pursuant to the engineered excavation, grading and fill plan, approximately 50,000 cu yds of excavation and 3,000 cu yds of associated fill will take place on site, as shown sheets C2.0, C3.0, and C3.1. The maximum cut depth will be approximately 38 ft, with a maximum fill depth of approximately 10 ft. Both the cut and fill slopes will be approximately 2:1 at completion.

The excavation, grading, clearing and filling activities incorporate a stormwater plan, as shown on sheets C3.1 and C3.2, which included a driveway ditch with rock check dams every 18" of vertical drop(max) pursuant to WSDOT standard plan I-50-20-01, as well as a stormwater pond that is connected to the driveway ditch via a culvert outfall.

The entire proposal has a temporary erosion and sedimentation control plan, as shown on sheets C4.0, C4.1 and C4.2. This plan includes the use of biodegradable nets and blankets, check dams, outlet protection, silt fence, wattles, and a sediment trap.

Two inches of topsoil will be spread on the slopes and they will be seeded with a native shrub steppe seed mix.

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. [help]

The property is located off Umptanum Road, Ellensburg, WA 98926, Kittitas County (Sheets C1.0), assessor parcel # 288833; Latitude and Longitude 46.9477° N; -120.5769° W; Township 17 N, Range 18E., Section 22.

B. ENVIRONMENTAL ELEMENTS [help]

- 1. Earth
- a. General description of the site [help]

(circle one): Flat, rolling, hilly, steep slopes, mountainous, other _____

The property consists of moderate slopes that decrease in elevation from the southeast corner to the northwest corner. The property is developed with an access road to a partially excavated site in the center of the eastern half of the property. The property contains arid shrub steppe vegetation including Bitterbrush (*Purshia tridentata*), Sage brush (*Artemesia tridentata*), Rabbitbrush (*Ericameria nauseosa*), Silky lupine (*Lupinus sericeus*), Great Basin Ryegrass (*Leymus cinereus*), Common larkspur (*Delphinum nuttallianum*), Thyme desert buckwheat (*Eriogonum thymoides*), Desert paintbrush (*Castilleja chrmosa*), Brodiaea (*Brodiaea douglasii*), Rock cress (*Arabis spp.*), Large flowered collomia (*Collomia grandiflora*), Showy phlox (*Phlox speciose*), Western groundsel (*Senecio integerrimus*), False dandelion (*Agoseris glauca*), Bluebunch wheatgrass (*Agropyron spicatum*), and Moss (*Orthotrichum praemorsum*).

b. What is the steepest slope on the site (approximate percent slope)? [help]

45 - 50%

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 agricultural land of long-term commercial significance and whether the proposal results in removing any of these soils. [help]

Soils mapped for the property on the USGS soil survey website (http://websoilsurvey.nrcs.usda.gov) are Vantage very cobbly loam, 3 to 15 percent slopes (500), Tanksel-Patron-Camaspatch complex, 30 to 70 percent slopes (656), and Volinger-Mozen complex, 15 to 30 percent slopes (932). There is not any agricultural land of long-term commercial significance at this location nor will the proposal result in the removal of any agricultural soil.

d. Are there surface indications or history of unstable soils in the immediate vicinity? If so, describe. [help]

No.

e. Describe the purpose, type, total area, and approximate quantities and total affected area of any filling, excavation, and grading proposed. Indicate source of fill. [help]

The applicant proposes to remove rock material for reuse in dispersed locations on other parcels owned by Anderson Hay & Grain Company. At completion of the quarrying activities, site grading will result in the creation of an access road meeting County driveway standards, and a building pad slightly less than 1 acre in size with the potential to be developed as a residential home site in the future.

A track mounted excavator would be delivered to the property to be used for excavation, grading, clearing and filling activities. Pursuant to the engineered excavation, grading and fill plan, approximately 50,000 cu yds of excavation and 3,000 cu yds of associated fill will take place on site, as shown sheets C2.0, C3.0, and C3.1. The maximum cut depth will be approximately 38 ft, with a maximum fill depth of approximately 10 ft. Both the cut and fill slopes will be approximately 2:1 at completion.

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

No. The entire proposal has a temporary erosion and sedimentation control plan, as shown on sheets C4.0, C4.1 and C4.2. This plan includes the use of biodegradable nets and blankets, check dams, outlet protection, silt fence, wattles, and a sediment trap.

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

There will be an increase on 14,950.4 sq ft of impervious surface with the development of driveway leading to the future building pad. This equates to 1.7% of the site covered with impervious surfaces on the 20 acre site. The driveway will have an asphalt surface.

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

The excavation, grading, clearing and filling activities incorporate a stormwater plan, as shown on sheets C3.1 and C3.2, which included a driveway ditch with rock check dams every 18" of vertical drop(max)

pursuant to WSDOT standard plan I-50-20-01, as well as a stormwater pond that is connected to the driveway ditch via a culvert outfall.

The entire proposal has a temporary erosion and sedimentation control plan, as shown on sheets C4.0, C4.1 and C4.2. This plan includes the use of biodegradable nets and blankets, check dams, outlet protection, silt fence, wattles, and a sediment trap.

- 2. Air
- a. What types of emissions to the air would result from the proposal during construction, operation, and maintenance when the project is completed? If any, generally describe and give approximate quantities if known. [help]

Minimal, short-term emissions will occur as a result of internal combustion-powered machinery used to construct the project. Long-term, the project would not increase emissions.

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

No

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

None proposed.

- 3. Water
- a. Surface Water: [help]
 - 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 stream or river it flows into. [help]

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. [help]

No.

3) Estimate the amount of 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. [help]

No filling or dredging is proposed in surface waters or wetlands.

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

No.

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

No. There is no mapped floodplain in this location.

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. [help]

No waste material will be discharged.

b. Ground Water:

1) Will groundwater be withdrawn from a well for drinking water or other purposes? If so, give a general description of the well, proposed uses and approximate quantities withdrawn from the well. Will water be discharged to groundwater? Give general description, purpose, and approximate quantities if known. [help]

No.

2) Describe waste material 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. [help]

No waste material will be discharged.

- c. Water runoff (including stormwater):
 - 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. [help]

The excavation, grading, clearing and filling activities incorporate a stormwater plan, as shown on sheets C3.1 and C3.2, which included a driveway ditch with rock check dams every 18" of vertical drop(max) pursuant to WSDOT standard plan I-50-20-01, as well as a stormwater pond that is connected to the driveway ditch via a culvert outfall.

The entire proposal has a temporary erosion and sedimentation control plan, as shown on sheets C4.0, C4.1 and C4.2. This plan includes the use of biodegradable nets and blankets, check dams, outlet protection, silt fence, wattles, and a sediment trap.

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

No waste materials will enter ground or surface waters.

Does the proposal alter or otherwise affect drainage patterns in the vicinity of the site? If so, describe.

Yes, the proposal will provide for better drainage patterns on site via the proposed stormwater plan, as shown on sheets C3.1 and C3.2, which included a driveway ditch with rock check dams every 18" of

vertical drop(max) pursuant to WSDOT standard plan I-50-20-01, as well as a stormwater pond that is connected to the driveway ditch via a culvert outfall.

The entire proposal has a temporary erosion and sedimentation control plan, as shown on sheets C4.0, C4.1 and C4.2. This plan includes the use of biodegradable nets and blankets, check dams, outlet protection, silt fence, wattles, and a sediment trap.

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

The excavation, grading, clearing and filling activities incorporate a stormwater plan, as shown on sheets C3.1 and C3.2, which included a driveway ditch with rock check dams every 18" of vertical drop(max) pursuant to WSDOT standard plan I-50-20-01, as well as a stormwater pond that is connected to the driveway ditch via a culvert outfall.

The entire proposal has a temporary erosion and sedimentation control plan, as shown on sheets C4.0, C4.1 and C4.2. This plan includes the use of biodegradable nets and blankets, check dams, outlet protection, silt fence, wattles, and a sediment trap.

4. Plants [help]

а.	Check the types of vegetation found on the site: [help]	
	deciduous tree: alder, maple, aspen, otherevergreen tree: fir, cedar, pine, otherx_shrubsx_grasspasturecrop or grain	
	orchards, vineyards or other permanent crops. wet soil plants: cattail, buttercup, bullrush, 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? [help]

The majority of the excavation area is unvegetated rock and gravel. A small amount of shrubs and grasses within the development footprint will be removed with the excavation, grading, clearing and filling activities proposed. Upon completion of the project, the newly contoured slopes will be seeded with a shrub steppe seed mix.

c. List threatened and endangered species known to be on or near the site. [help]

None known.

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

Upon completion of the project, the newly contoured slopes will be seeded with a native shrub steppe seed mix.

e. List all noxious weeds and invasive species known to be on or near the site.

None known

- 5. Animals
- a. <u>List</u> any birds and <u>other</u> animals which have been observed on or near the site or are known to be on or near the site. Examples include: [help]

birds: hawk, heron, eagle, songbirds, other: mammals: deer, bear, elk, beaver, other:

fish: bass, salmon, trout, herring, shellfish, other _____

b. List any threatened and endangered species known to be on or near the site. [help]

None known.

c. Is the site part of a migration route? If so, explain. [help]

No

d. Proposed measures to preserve or enhance wildlife, if any: [help]

Upon completion of the project, the newly contoured slopes will be seeded with native shrub steppe seed mix.

e. List any invasive animal species known to be on or near the site.

None known.

- 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. [help]

None.

b. Would your project affect the potential use of solar energy by adjacent properties? If so, generally describe. [help]

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: [help]

None proposed.

- 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. [help]

No environmental health hazards are associated with this project.

1) Describe any known or possible contamination at the site from present or past uses.

None known

2) Describe existing hazardous chemicals/conditions that might affect project development and design. This includes underground hazardous liquid and gas transmission pipelines located within the project area and in the vicinity.

None known

3) Describe any toxic or hazardous chemicals that might be stored, used, or produced during the project's development or construction, or at any time during the operating life of the project.

None known

4) Describe special emergency services that might be required.

None required.

5) Proposed measures to reduce or control environmental health hazards, if any:

Only approved materials will be used in construction of this project.

b. Noise

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

No noise exists in the surrounding area that would affect the project.

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

There will be short-term noise associated with construction of this project. The construction time is not expected to take longer than two months. Long-term, noise associated with the recreational use of the property would likely be negligible.

3) Proposed measures to reduce or control noise impacts, if any: [help]

No measures to reduce or control noise impacts are proposed.

- 8. Land and shoreline use
- a. What is the current use of the site and adjacent properties? Will the proposal affect current land uses on nearby or adjacent properties? If so, describe. [help]

The site is currently used as rural working range land, and the adjacent properties are currently used as rural working range land.

b. Has the project site been used as working farmlands or working forest lands? If so, describe. How much agricultural or forest land of long-term commercial significance will be converted to other uses as a result of the proposal, if any? If resource lands have not been designated, how many acres in farmland or forest land tax status will be converted to nonfarm or nonforest use? [help]

No

1) Will the proposal affect or be affected by surrounding working farm or forest land normal business operations, such as oversize equipment access, the application of pesticides, tilling, and harvesting? If so, how:

No

c. Describe any structures on the site. [help]

There are no structures on site.

d. Will any structures be demolished? If so, what? [help]

No.

e. What is the current zoning classification of the site? [help]

Forest and Range

f. What is the current comprehensive plan designation of the site? [help]

Forest and Range

g. If applicable, what is the current shoreline master program designation of the site? [help]

Not applicable

h. Has any part of the site been classified as a critical area by the city or county? If so, specify. [help]

Yes, the property is classified as critical area by Kittitas County. The area is mapped as Manastash Ridge Mule Deer Winter Range.

i. Approximately how many people would reside or work in the completed project? [help]

None.

j. Approximately how many people would the completed project displace? [help]

None

k. Proposed measures to avoid or reduce displacement impacts, if any: [help]

None proposed.

L. Proposed measures to ensure the proposal is compatible with existing and projected land uses and plans, if any: [help]

Approval for this project will be obtained from Kittitas County.

m. Proposed measures to ensure the proposal is compatible with nearby agricultural and forest lands of long-term commercial significance, if any:

None proposed.

- 9. Housing
- a. Approximately how many units would be provided, if any? Indicate whether high, middle, or low-income housing. [help]

A future middle income residential site may be provided.

b. Approximately how many units, if any, would be eliminated? Indicate whether high, middle, or low-income housing. [help]

None

c. Proposed measures to reduce or control housing impacts, if any: [help]

None proposed.

- 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? [help]

No structures are proposed.

b. What views in the immediate vicinity would be altered or obstructed? [help]

No views in the immediate vicinity will be altered or obstructed as a result of the proposed project.

c. Proposed measures to reduce or control aesthetic impacts, if any: [help]

None proposed.

- 11. Light and glare
- a. What type of light or glare will the proposal produce? What time of day would it mainly occur? [help]

No lighting is planned in association with this project.

b. Could light or glare from the finished project be a safety hazard or interfere with views? [help]

No

c. What existing off-site sources of light or glare may affect your proposal? [help]

No off-site sources of light that will affect the proposal currently exist.

d. Proposed measures to reduce or control light and glare impacts, if any: [help]

None proposed.

- 12. Recreation
- a. What designated and informal recreational opportunities are in the immediate vicinity? [help]

Informal hunting opportunities may be in the area.

b. Would the proposed project displace any existing recreational uses? If so, describe. [help]

No

c. Proposed measures to reduce or control impacts on recreation, including recreation opportunities to be provided by the project or applicant, if any: [help]

No measures to reduce or control impacts on recreation are proposed.

- 13. Historic and cultural preservation
- a. Are there any buildings, structures, or sites, located on or near the site that are over 45 years old listed in or eligible for listing in national, state, or local preservation registers located on or near the site? If so, specifically describe. [help]

No

b. Are there any landmarks, features, or other evidence of Indian or historic use or occupation? This may include human burials or old cemeteries. Are there any material evidence, artifacts, or areas of cultural importance on or near the site? Please list any professional studies conducted at the site to identify such resources. [help]

None known on or adjacent to the site.

c. Describe the methods used to assess the potential impacts to cultural and historic resources on or near the project site. Examples include consultation with tribes and the department of archeology and historic preservation, archaeological surveys, historic maps, GIS data, etc. [help]

The tribes and DAHP will be noticed as a part of the Kittitas County's land use public process.

d. Proposed measures to avoid, minimize, or compensate for loss, changes to, and disturbance to resources. Please include plans for the above and any permits that may be required.

Contractors and workers will be informed to immediately stop work if artifacts of historical or cultural importance are found. If any are found, the Washington State Historic Preservation Office will be consulted for guidance.

14. Transportation

a. Identify public streets and highways serving the site or affected geographic area and describe proposed access to the existing street system. Show on site plans, if any. [help]

The site is serviced by a driveway off Umptanum Road (County Road).

b. Is the site or affected geographic area currently served by public transit? If so, generally describe. If not, what is the approximate distance to the nearest transit stop? [help]

No.

c. How many additional parking spaces would the completed project or non-project proposal have? How many would the project or proposal eliminate? [help]

No new parking spaces will be required; no parking spaces will be eliminated.

d. Will the proposal require any new or improvements to existing roads, streets, pedestrian, bicycle or state transportation facilities, not including driveways? If so, generally describe (indicate whether public or private). [help]

No new roads or road improvements will be required for the project.

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

The project will not use water, rail or air transportation. The primary access to the site is and will continue to be by road.

f. How many vehicular trips per day would be generated by the completed project or proposal? If known, indicate when peak volumes would occur and what percentage of the volume would be trucks (such as commercial and nonpassenger vehicles). What data or transportation models were used to make these estimates? [help]

No vehicular trips would be generated by the complete project. During construction dump trucks will haul rock material from the site.

g. Will the proposal interfere with, affect or be affected by the movement of agricultural and forest products on roads or streets in the area? If so, generally describe.

No.

h. Proposed measures to reduce or control transportation impacts, if any: [help]

No measures are proposed.

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

The proposed project will not result in an increased need for public services.

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

No measures are proposed.

- 16. Utilities
- a. Circle utilities currently available at the site: [help] electricity, natural gas, water, refuse service, telephone, sanitary sewer, septic system, other
- b. Describe the utilities that are proposed for the project, the utility providing the service, and the general construction activities on the site or in the immediate vicinity which might be needed. [help]

No utilities are proposed or required for this project. If a residence is constructed in the future, electricity and onsite water and septic will be required.

C. Signature [HELP]

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:		
Name of signee Alan Fife Position and Agency/Organization Facilities Man	Anderson Hay & Greek	
Date Submitted:		



Photograph 1: Existing conditions at the site.