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SEP            **Date: 10/24/2023 Staff: AHK**

## SEPA Environmental Checklist

### 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:

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 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 Non-Project Proposals:

For non-project proposals (such as ordinances, regulations, plans and programs), complete the applicable parts of sections A and B plus the Supplemental Sheet for Non-project Actions (Part C). 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

- 1 Name of proposed project, if applicable:
  
- 2 Name of applicant:  
Applicant phone number:  
Applicant address:  
City, State, Zip or Postal Code:  
Applicant Email address:
  
- 3 Contact name:  
Contact phone number:  
Contact address:  
City, State, Zip or Postal Code:  
Contact Email address:
  
- 4 Date checklist prepared:
  
- 5 Agency requesting checklist:
  
- 6 Proposed timing or schedule (including phasing, if applicable):
  
- 7 Do you have any plans for future additions, expansion, or further activity related to or connected with this proposal? Yes  No   
If yes, explain:
  
- 8 List any environmental information you know about that has been prepared, or will be prepared, directly related to this proposal:
  
- 9 Do you know whether applications are pending for governmental approvals of other proposals directly affecting the property covered by your proposal? Yes  No   
If yes, explain.

- 10 List any government approvals or permits that will be needed for your proposal, if known.
- 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.)
- 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.

## B Environmental Elements

### 1 Earth

a. General description of the site:

- Flat
- Rolling
- Hilly
- Steep Slopes
- Mountainous
- Other

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

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.

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

If so, describe.

e. Describe the purpose, type, total area, approximate quantities and total affected area of any filling excavation or grading proposed.

Indicate source of fill.

Indicate where excavation material is going.

- f. Could erosion occur as a result of clearing, construction, or use?  
Yes  No

If so, generally describe.

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

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

## 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 (i.e., dust, automobile, odors, or industrial wood smoke)?

If any, generally describe and give approximate quantities if known.

- b. Are there any off-site sources of emissions or odor that may affect your proposal? Yes  No

If so, generally describe.

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

### 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)? Yes  No

If yes, describe type and provide names. If appropriate, state what stream or river it flows into.

- (2) Will the project require any work over, in, or adjacent to (within 200 feet) the described waters? Yes  No

If yes, please describe and attach available plans.

- (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.

- (4) Will the proposal require surface water withdrawals or diversions? Yes  No

Give general description, purpose, and approximate quantities if known.

Does the proposal lie within a 100-year floodplain?

Yes  No

If so, note location on the site plan.

(5) Does the proposal involve any discharges of waste materials to surface waters?

Yes  No

If so, describe the type of waste and anticipated volume of discharge

b. Ground Water:

(1) Will ground water be withdrawn from a well for drinking water or other purposes? Yes  No

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.

(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 houses to be served (if applicable), or the number of animals or humans the system(s) are expected to serve.

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? Yes  No

If so, describe.

(2) Could waste materials enter ground or surface waters?

Yes  No

If so, generally describe.

(3) Does the proposal alter or otherwise affect drainage patterns in the vicinity of the site: Yes  No

If so, describe.

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

#### 4 Plants

a. Check 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
- 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?
  
  
  
  
  
  
  
  
  
  
- c. List threatened or endangered species known to be on or near the site.
  
  
  
  
  
  
  
  
  
  
- d. Proposed landscaping, use of native plants, or other measures to preserve or enhance vegetation on the site, if any:
  
  
  
  
  
  
  
  
  
  
- e. List all noxious weeds and invasive species known to be on or near the site.

5. Animals

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

Birds:

- |                                 |                                     |
|---------------------------------|-------------------------------------|
| <input type="checkbox"/> Hawk,  | <input type="checkbox"/> Heron,     |
| <input type="checkbox"/> Eagle, | <input type="checkbox"/> Songbirds; |
| <input type="checkbox"/> Other: |                                     |

Mammals:

- |                                 |                                  |
|---------------------------------|----------------------------------|
| <input type="checkbox"/> Deer,  | <input type="checkbox"/> Bear,   |
| <input type="checkbox"/> Elk,   | <input type="checkbox"/> Beaver; |
| <input type="checkbox"/> Other: |                                  |

Fish:

- |                                     |                                   |
|-------------------------------------|-----------------------------------|
| <input type="checkbox"/> Bass,      | <input type="checkbox"/> Salmon,  |
| <input type="checkbox"/> Trout,     | <input type="checkbox"/> Herring, |
| <input type="checkbox"/> Shellfish; | <input type="checkbox"/> Other:   |

- b. List any threatened or endangered species known to be on or near the site.

- c. Is the site part of a migration route?      Yes       No

If so, explain.

- d. Proposed measures to preserve or enhance wildlife, if any:

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

## 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.

- b. Would your project affect the potential use of solar energy by adjacent properties?      Yes       No

If so, generally describe.

- 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:

## 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?      Yes       No

If so, describe.

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

- (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.
  
- (3) Describe any toxic or hazardous chemicals that might be stored, used, or produced during the projects development or construction, or at any time during the operating life of the project.
  
- (4) Describe special emergency services that might be required.
  
- (5) Proposed measure to reduce or control environmental health hazards, if any:

b. Noise

- (1) What types of noise exist in the area which may affect your project (for example: traffic, equipment, operation, other)?
  
- (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.
  
- (3) Proposed measures to reduce or control noise impacts, if any:

## 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? Yes  No

If so, describe.

### b. Has the project site been used as working farmlands or working forest lands? Yes No

If so, describe.

How much agriculture 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 non-farm or non-forest use?

\_\_\_\_\_

- (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? Yes  No

If so, how:

### c. Describe any structures on the site.

- d. Will any structures be demolished?      Yes       No   
If so, what?
- e. What is the current zoning classification of the site?
- f. What is the current comprehensive plan designation of the site?
- g. If applicable, what is the current shoreline master program designation of the site?
- h. Has any part of the site been classified as a critical area by the city or county?      Yes       No   
If so, specify.
- i. Approximately how many people would reside or work in the completed project?
- j. Approximately how many people would the completed project displace?
- k. Proposed measures to avoid or reduce displacement impacts, if any:
- l. Proposed measures to ensure the proposal is compatible with existing and projected land uses and plans, if any:
- m. Proposed measures to ensure the proposal is compatible with nearby agricultural and forest lands of long-term commercial significance, if any?

## 9 Housing

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

- High  
 Middle  
 Low-income

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

- High  
 Middle  
 Low-income

- c. Proposed measures to reduce or control housing impacts, if any:

## 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?

- b. What views in the immediate vicinity would be altered or obstructed?

- c. Proposed measures to reduce or control aesthetic impacts, if any:

## 11 Light and Glare

- a. What type of light or glare will the proposal produce? What time of day would it mainly occur?

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

- c. What existing off-site sources of light or glare may affect your proposal?
  
- d. Proposed measures to reduce or control light and glare impacts, if any:

## 12 Recreation

- a. What designated and informal recreational opportunities are in the immediate vicinity?
  
- b. Would the proposed project displace any existing recreational uses? If so, describe.
  
- c. Proposed measures to reduce or control impacts on recreation, including recreation opportunities to be provided by the project or applicant, if any:

## 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? Yes  No   
If so, specifically describe.
  
- b. Are there any landmarks, features, or other evidence of Indian, historic use or occupation, this may include human burials or old cemeteries? Yes  No   
Are there any material evidence, artifacts, or areas of cultural importance on or near the site? Yes  No   
Please list any professional studies conducted at the site to identify such resources.

- 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.
  
- 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.

#### 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 plan, if any.
  
- b. Is site or geographic area currently served by public transit?  
Yes  No   
If not, what is the approximate distance to the nearest transit stop?
  
- c. How many parking spaces would the completed project have? How many would the project eliminate?
  
- d. Will the proposal require any new or improvements to existing roads, streets, pedestrian, bicycle or state transportation facilities, not including driveways? Yes  No   
If so, generally describe (indicate whether public or private).



e. Will the project use (or occur in the immediate vicinity of)

- Water,
  - Rail, or
  - Air transportation?
- If so, generally describe.

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 non-passenger vehicles). What data or transportation models were used to make these estimates?

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

## 15 Public Services

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

Yes  No

If so, generally describe.

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

## 16 Utilities

a. Check utilities currently available at the site:

- |   |  |
|---|--|
| <input type="checkbox"/> Electricity,   | <input type="checkbox"/> Natural gas,    |
| <input type="checkbox"/> Water,         | <input type="checkbox"/> Refuse service, |
| <input type="checkbox"/> Telephone,     | <input type="checkbox"/> Sanitary sewer, |
| <input type="checkbox"/> Septic system, | <input type="checkbox"/> 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.

*See Appendix A.*

**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 Submitted: 10/23/23

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**FOR OFFICE USE ONLY**

Reviewed by Whatcom County Planning & Development Services Staff

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Staff Signature

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Date

## Appendix A

### A. Background

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

*The project has already prepared "Phase 1" & "Phase 2" environmental studies. Additional environment studies are in progress or will be completed as required and in coordination with applicable regulatory agencies.*

*Air quality dispersion modeling and technical analysis will be completed supporting a Notice of Construction application to show compliance with federal, state, and local air quality regulations. A Notice of Intent to apply for Industrial Stormwater General Permit (ISGP) coverage will be completed after construction is completed and prior to industrial activities beginning at the site. A Stormwater Pollution Prevention Plan (SWPPP) will be prepared after obtaining ISGP coverage.*

*Environmental due diligence performed prior to acquisition of the project site identified shallow fill soil with concentrations of metals and other constituents of interest at concentrations exceeding cleanup levels established under the Washington State Model Toxics Control Act (MTCA). These impacted soils will be addressed in coordination with the Washington State Department of Ecology (Ecology) pursuant to MTCA requirements.*

### B. Environmental Elements

#### 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 (i.e., dust, automobile, odors, or industrial wood smoke)?

##### *Construction*

*The materials and equipment needed during construction will be delivered to the site by truck. Emissions during construction could include diesel exhaust from trucks and construction equipment or fugitive dust from equipment deliveries and earthwork associated with constructing the shredder footings and metal buildings.*

##### *Operations*

*Emissions associated with metal shredding operations can include particulate matter (PM, PM10, and PM2.5), volatile organic compounds (VOCs), toxic air pollutants (TAPs), and hazardous air pollutants (HAPs). Emissions of regulated pollutants will be within all federal, state, and local clean air agency limits. Operational controls for these emissions are described below (see Section 2.c). Other emissions associated with operations will include transportation related emissions, such as diesel exhaust from trucks, and exhaust from employee commuter vehicles, and project related trains and vessels (see Section 14 – Transportation, for more information on truck, rail, and vessel transport).*

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

*During construction, occasional water misting of excavated soils may be utilized to control fugitive dust from earthwork operations. During operations post-construction, the shredder will be equipped with water injection inside the mill box used for fire mitigation, dust suppression (PM), and hammer cooling. Conveyor deposition points will be fixed with water misting to mitigate fugitive dust emissions and all downstream material separation processing will occur inside of the building. ABC Recycling will not accept vehicles which have not been de-polluted (i.e., drained of oils, fuels, lubricants, coolants, etc.).*

#### 14. Transportation

- f. How many vehicular trips per day would be generated by the completed project? 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 non-passenger vehicles). What data or transportation models were used to make these estimates?

*The proposed ABC Bellingham project is expected to generate 23 total PM peak hour trips (15 private vehicle trips, 8 truck trips) and 129 total daily trips. These trips travel along various routes in the study area. During the PM peak hour of the street (one hour between 4:00 and 6:00 PM), trucks would make up 33% of the site vehicle trips. Trip generation for passenger vehicles was projected based on the Institute of Transportation Engineers' (ITE) Trip Generation, 11th Edition. Truck volumes were determined based on information from the proponent. Use of Trip Generation for truck trips would have understated the expected truck volumes.*

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

*No one intersection or roadway is expected to experience impacts from the project, as the peak hour volumes at a given intersection are expected to be low. No off-site impacts or improvements are expected related to this project.*

#### 16. Utilities

- 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.

*Utility construction proposed for this project will include extension and connection to City of Bellingham Water and Sanitary Sewer, PSE Electric, natural gas (as available) and telephone. Other utilities will include on-site storm drainage collection treatment and detention and connection to Whatcom County storm drainage.*