# SEPA ENVIRONMENTAL CHECKLIST

*UPDATED 2014*

## A. background

1. Name of proposed project, if applicable: **New Headstart Facility at Barnes School**

2. Name of applicant: **Lower Columbia College (Richard Hamilton)**

3. Address and phone number of applicant and contact person: **1600 Maple Street, Longview, WA**

4. Date checklist prepared: **02-01-2018**

5. Agency requesting checklist: **City of Kelso**

6. Proposed timing or schedule (including phasing, if applicable): **Immediate placement of fill material for project site pre-loading. Placement of foundation and modular buildings thereafter with occupancy fall 2019.**

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 has been prepared, or will be prepared, directly related to this proposal. **A geotechnical study and report have been prepared for this site.**

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. **Not aware of any.**

10. List any government approvals or permits that will be needed for your proposal, if known. **Building permits for construction of foundation and parking lot.**

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.) **The project is to place a 5,000 square foot modular building on the Barnes Elementary School site north of an existing Headstart facility. The new facility will be used for the Headstart program. A 14-car parking lot will be installed as part of the project. The modular building will be placed on a permanent concrete foundation. Due to poor soils and the depressed elevation of the site, approximately 3 feet of fill material will be placed on the site prior to construction. This 3 feet of fill is also intended to pre-load the**

**site so the material will stay in place approximately 3 months before construction can begin.**

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. **The building will be located at the northeast corner of the Barnes Elementary School site. The new building and parking will be north of the existing Headstart modular facility.**

## B. ENVIRONMENTAL ELEMENTS

### 1. Earth

a. General description of the site **Site is flat and approximately 3-4 feet lower than Bowmont Avenuue**
(circle one) Flat, rolling, hilly, steep slopes, mountainous,
other _____

b. What is the steepest slope on the site (approximate percent slope)? **0-1%**

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. **Per the geotechnical report beneath the topsoil is silt and clay to a depth of 3-5 feet. Below that to 20 feet below grade is very loose dark gray silt and sand. Below 20 feet is loose to medium dense sand and gravel.**

d. Are there surface indications or history of unstable soils in the immediate vicinity? If so, describe. **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. **A foot of topsoil (about 900 cubic yards) will be exported. 2,600 c.y. of structural fill will be imported to raise the site 3 feet with 600 c.y. of crush surfacing base course.**

f. Could erosion occur as a result of clearing, construction, or use? If so, generally describe **Potentially. Standard erosion controls measures will be implemented during construction.**

g. About what percent of the site will be covered with impervious surfaces after project construction (for example, asphalt or buildings)? **Approximatley 75%**

h. Proposed measures to reduce or control erosion, or other impacts to the earth, if any:
**Standard construction erosion control practices will be implemented.**

**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. **Typical construction exhaust from equipment during construction.**

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: **None**

3. **Water**

a. Surface Water:

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. **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 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. **No surface water or wetlands on the site.**

4) Will the proposal require surface water withdrawals or diversions? Give general description, purpose, and approximate quantities if known. **No.**

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 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. **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. **No discharge to ground.**

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. **Source of runoff will be from rain collected from roofs and paved parking areas.**

2) Could waste materials enter ground or surface waters? If so, generally describe. **No**

3) Does the proposal alter or otherwise affect drainage patterns in the vicinity of the site? If so, describe. **No.**

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

4. **Plants** [help]

a. Check the types of vegetation found on the site: [help]

____deciduous tree: alder, maple, aspen, other
____evergreen tree: fir, cedar, pine, other
____shrubs
__X__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? **All but it will be replaced with new grass and landscaping in the final design.**

c. List threatened and endangered species known to be on or near the site. **Not aware of any.**

d. Proposed landscaping, use of native plants, or other measures to preserve or enhance vegetation on the site, if any: **Grass will be used in the landscape areas.**

e. List all noxious weeds and invasive species known to be on or near the site. **None.**

5. **Animals**

a. List any birds and other 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. **Not aware of any.**

c. Is the site part of a migration route? If so, explain. **Not that I'm aware of.**

d. Proposed measures to preserve or enhance wildlife, if any: **None**

e. List any invasive animal species known to be on or near the 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. **Electricity will be used for space heating and hot water.**

b. Would your project affect the potential use of solar energy by adjacent properties? If so, generally 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: **Project will be designed to meet Washington State Energy code.**

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. **No.**

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. **Not aware of any.**

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. **Ordinary household cleansers (will be locked away from children access).**

4) Describe special emergency services that might be required. **Normal police, fire, ambulance**

5) Proposed measures to reduce or control environmental health hazards, if any: **None**

b. **Noise**

1) What types of noise exist in the area which may affect your project (for example: traffic, equipment, operation, other)? **None.**

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. **Short term: Construction traffic, Long term: Children playing in the adjacent playground.**

3) Proposed measures to reduce or control noise impacts, if any: **None**

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. **The site is currently an unused portion of Barnes Elementary School's playground. The proposed use is consistent with the school use of the site. To the north is residential. A residential lot separates the site from Bowmont Avenue to the east.**

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? **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: **Not applicable.**

c. Describe any structures on the site. **Immediately adjacent is an exiwsting**

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

e. What is the current zoning classification of the site? **Single Family Residential**

f. What is the current comprehensive plan designation of the site? **Higher Density Residential**

g. If applicable, what is the current shoreline master program designation of the site? **Not applicable**

h. Has any part of the site been classified as a critical area by the city or county? If so, specify. **Not that I'm aware of.**

i. Approximately how many people would reside or work in the completed project?
**Approximately 12 staff would work there, 60 students would attend.**

j. Approximately how many people would the completed project displace? **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 – project is compatible with existing adjacent uses (school)**

m. Proposed measures to ensure the proposal is compatible with nearby agricultural and forest lands of long-term commercial significance, if any: **Not applicable.**

9. **Housing**

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: **None**

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? **Tallest portion of building will be less than 15 feet above grade. Principal exterior material – Hardiepanel siding, composition shingle roof.**

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? **Parking lot lights will be utilitized. These will be downward directed. Wall mounted lights will be used at building entrances.**

b. Could light or glare from the finished project be a safety hazard or interfere with views? **No**

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: **Downward directed light sources will be used.**

12. **Recreation**

a. What designated and informal recreational opportunities are in the immediate vicinity?
**School playground.**

b. Would the proposed project displace any existing recreational uses? If so, describe. **Project is being placed on a predominantly unused portion of the school playground.**

c. Proposed measures to reduce or control impacts on recreation, including recreation opportunities to be provided by the project or applicant, if any: **At the request of the school district a sidewalk will be installed from Bowmont Avenue through the site to the existing remaining playground**

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. **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. **None encountered.**

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. **Language will be included in the contract documents for the contractor to notify appropriate agencies if any artifacts discovered.**

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. **See answer above.**

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. **Bowmont Avenue will be used to access the site.**

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? **Unknown**

c. How many additional parking spaces would the completed project or non-project proposal have? How many would the project or proposal eliminate? **14 will be added.**

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). **No.**

e. Will the project or proposal 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 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? **Staff would likely account for 20 round trips per day, small school buses/vans: 10 round trips per day, parents dropping off and picking up students: 40 round trips per day.**

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: **None**

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. **It shouldn't**

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

16. **Utilities**

a. Circle utilities currently available at the site:
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. **City of Kelso water and sewer, Cowlitz PUD for power, Century Link for phone, Waste Control for refuse.**

## 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: _____

Name of signee Richard Hamilton

Position and Agency/Organization Lower Columbia College

Date Submitted: 2/6/18

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# BARNES ELEM SCHOOL

## HEADSTART PROJECT LOCATION