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.

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:

For nonproject proposals (such as ordinances, regulations, plans and programs), complete the applicable parts of sections A and B plus the SUPPLEMENTAL SHEET FOR NONPROJECT ACTIONS (part D). 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:*

   Butler Acres Elementary School Modernization and Addition

2. *Name of applicant:*

   Kelso School District

3. *Address and phone number of applicant and contact person:*

   Gary Schimmel
   (360) 501-1340
   601 Crawford Street
   Kelso, WA 98626

4. *Date checklist prepared:*

   November 14, 2019

5. *Agency requesting checklist:*

   City of Kelso

6. *Proposed timing or schedule (including phasing, if applicable):*

   This project is anticipated to start February 2020 and be completed in June 2021.

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.*

   None

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.*

   No

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

    Fill and Grade Permit; Stormwater Approval; Building Permits

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.)*

    This project includes: the regrading, resurfacing and expansion of an existing parking lot; the construction of a bus exit only drive aisle; the modernization of the existing elementary school building; the construction of an approximate 4,600 square foot building addition; and the removal of existing portable classrooms. This project will replace approximately 2.43 acres of existing impervious surface and add approximately 0.25 acres of new impervious surface.

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.

1609 Burcham Street
Kelso, WA 98626
NE 1/4 of Section 26, Township 8N Range 2W of the West Meridian, Cowlitz County

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)?

The site contains a few areas of approximately 60% slopes.

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.

Subsurface exploration revealed silt (ML) with sand, silty sand (SM), fat clay (CH), and gravely clay to clayey gravel (CH/GC).

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.

This project proposes approximately 1,000 cubic yards of fill from local sources for the regrading of the existing parking lot and the excavation of an existing hillside to create a pad for the proposed building addition. The total affected area is approximately 2.68 acres.

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

Yes, if temporary erosion and sediment control measures are not followed during construction, erosion could occur.

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

Approximately 30%

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

Both a temporary erosion and sediment control plan as well as a Stormwater Pollution Prevention Plan have been developed for this project implementing construction Best Management Practices (BMPs). Disturbed soil that will not receive an impervious surface will be restored per BMP T5.13 Post

Construction Soil Quality and Depth of Department of Ecology's Stormwater Management Manual for Western Washington.

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.

Truck and equipment exhaust will result from construction; however, quantities are unknown.

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 (includingyear-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.

Yes, there is an unnamed riparian fish bearing stream flowing to Coweeman River in the NW corner of the site.

2) Will the project require any work over, in, or adjacent to (within 200 feet) the describedwaters? 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.

Not applicable

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

No

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

No

6) 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 thefollowing chemicals. . . ; agricultural; etc.). Describe the general size of the system, thenumber 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.

Not applicable

c. Water runoff (including stormwater):

1) Describe the source of runoff (including storm water) and method of collectionand disposal, if any (include quantities, if known). Where will this water flow? Will this water flow into other waters? If so, describe.

Stormwater runoff will occur from impervious surfaces including the parking lot and roofs. This runoff will be collected with catch basins and released into City of Kelso's stormwater system in Burcham Street or the unnamed creek. Stormwater released into the unnamed creek will be released at predeveloped rates.

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

Not anticipated

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

A portion of the site runoff currently flowing to the unnamed stream will be collected and discharged to the system in Burcham Street. Flow control will be added for stormwater from impervious surfaces released into the unnamed creek.

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

Underground detention is proposed to control release rates of stormwater runoff from new and replaced impervious surfaces. Release rates will match the predeveloped forested condition.

4. Plants

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

__X__deciduous tree: alder, maple, aspen, other
__X__evergreen tree: fir, cedar, pine, other
__X__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?

Approximately 0.25 acres of existing grass and landscaping will be converted to impervious surface

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

None known

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

Landscaping will consist of plants suited for the proposed development including native plants where applicable.

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

None known

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:

birds: hawk, heron, eagle, **songbirds**, other:
mammals: deer, bear, elk, beaver, other: **small rodents**
fish: bass, salmon, trout, herring, shellfish, other _____

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

None known

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

Yes, this site is part of the Pacific Flyway for Migratory Waterfowl.

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.

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.

Electricity and natural gas will be used for heating.

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

Not anticipated

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:

None

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.

Not anticipated

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.

A gas service pipe currently serves the elementary school building.

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.

Diesel fuel in construction equipment during construction

4) Describe special emergency services that might be required.

None

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)?

Traffic

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.

Noise from construction equipment will occur during construction and from traffic during operation. Noise will occur during normal working hours.

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 used and will continue to be used as as an elementary school.

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:

No

c. Describe any structures on the site.

Butler Acres Elementary School building; and four modular buildings.

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

Three of the four modular buildings are proposed to be removed.

e. What is the current zoning classification of the site?

RS5 (Residential Single Family 5,000 square feet).

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

Low Density Residential.

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

None

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

There is a Riparian Fish Bearing Stream as well as steep slopes onsite.

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

Approximately 60 people would work in the completed project.

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, the land use is not changing.

m. Proposed measures to reduce or control impacts to agricultural and forest lands of long-term commercial significance, if any:

None

9. Housing

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

None

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

None

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

Not applicable

10. Aesthetics

a. What is the tallest height of any proposed structure(s), not including antennas; what is the principal exterior building material(s) proposed?

The tallest height is approximately 35 feet. The principle exterior building materials are cementitious siding and existing brick seal.

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

None anticipated

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?

Outdoor lighting during the evening

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

Not anticipated

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

None known

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?

A playground with basketball court.

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:

This project involves the resurfacing of an existing playground area.

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 ? 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 known

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.

None, this project is a redevelopment.

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.

None

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.

The site is currently served with a bus only entrance from N 18th Ave, a bus only exit onto Burcham St, and a driveway from Burcham St. The proposal plans to shift the bus only exit on Burcham St approximately 160 ft east away from the existing driveway.

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?

Yes, there is a River Cities Transit bus stop located on N 18th Ave and Bloyd St.

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

The proposal would add approximately 12 parking spaces.

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).

Not anticipated

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?

No increase in vehicular trips per day is anticipated. Peak volumes will remain the same occurring in the morning before school start and afternoon after

school ends. Truck percentage is unknown. Transportation data or models were not used as a change from current conditions is not anticipated.

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:

One of the goals of this project is to reduce traffic backup on Burcham Street generated from parents picking up students during weekday afternoons (3 p.m. to 5 p.m.) by creating a looped parking lot and providing more separation between buses and passenger cars.

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.

No

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

Not applicable

16. Utilities

a. Circle utilities currently available at the site: **electricity, natural gas, water, refuse 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.

Onsite water and sewer extensions or modifications will be made from City of Kelso water and sewer systems. Privately maintained stormwater improvements will be constructed.

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: Mary E Schimmel

Name of signee Gary Schimmel

Position and Agency/Organization Facilities Supervisor, Kelso School District

Date Submitted: 2-14-2020

D. Supplemental sheet for nonproject actions

(**IT IS NOT NECESSARY** to use this sheet for project actions)

Because these questions are very general, it may be helpful to read them in conjunction with the list of the elements of the environment.

When answering these questions, be aware of the extent the proposal, or the types of activities likely to result from the proposal, would affect the item at a greater intensity or at a faster rate than if the proposal were not implemented. Respond briefly and in general terms.

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 are:

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 are:

3. How would the proposal be likely to deplete energy or natural resources?

Proposed measures to protect or conserve energy and natural resources are:

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 are:

5. How would the proposal be likely to affect land and shoreline use, including whether it would allow or encourage land or shoreline uses incompatible with existing plans?

Proposed measures to avoid or reduce shoreline and land use impacts are:

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) are:

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

BUTLER ACRES ELEMENTARY SCHOOL MODERNIZATION AND ADDITIONS