SEPA-20-0006

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 [HELP]

1. Name of proposed project, if applicable:
Jesus Name Pentecostal Church Parking

2. Name of applicant:
Shannon Burgess

3. Address and phone number of applicant and contact person:
1582 Bishop Road,
Chehalis, Washington 98532
360-748-4977

4. Date checklist prepared:
September 17, 2020

5. Agency requesting checklist:
City of Chehalis, Department of Ecology

6. Proposed timing or schedule (including phasing, if applicable):
Project will be completed in 1 or two days.

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.
Ecological Land Services, Inc. (ELS). 2020. Habitat Assessment & Riparian Buffer Enhancement Plan. September 17, 2020.

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.
Unknown.

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 approximately 1.63-acre Lewis County Parcel (Number WE0606055), is located at 1592 Bishop Road in Chehalis, Washington. Construction activities will consist of the addition of approximately 660 cubic yards of gravel over top of the existing fill pad to create an additional parking area for church services and activities. The existing northern riparian buffer of Dillenbaugh Creek will be enhanced via removal of garbage and state and county-listed noxious weeds to allow the native vegetation to become denser to create better protection of the stream and riparian functions.

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 approximately 1.63-acre Lewis County Parcel (Number WE0606055), is located at 1592 Bishop Road in Chehalis, Washington within Section 9, Township 13 North, and Range 2 West of the Willamette Meridian.

B. Environmental Elements [HELP]

1. *Earth* [help]

a. General description of the site:

The majority of the site was filled and levelled in 2006 with only the northernmost portion sloping from the northeastern corner towards the City ROW. In 2009, approximately 13,500 square feet of the site was further filled with gravel which was placed from the existing driveway along Bishop Road to the City ROW. The area southeast of the existing fill slopes moderately for approximately 45 feet down to Dillenbaugh Creek.

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

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

Approximately 20-30 percent.

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.

Gravel, sand, and dirt fill are present on the levelled portion of the site. Loamy soils are found within the riparian buffer area.

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.

Construction activities will consist of the addition of approximately 660 cubic yards of gravel over top of the existing fill pad to create an additional parking area for church services and activities.

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

No.

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

Approximately 75 percent to 90 percent of the site will be covered with gravel for parking.

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

None. Erosion will not occur as a result of this project.

2. Air [help]

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.
Only standard air emissions from construction vehicles and equipment is likely during the proposed project.

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:
All construction vehicles and equipment will be kept in proper working order and checked each day prior to work for leaks and other possible emission issues.

3. Water [help]

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.
The area southeast of the existing fill slopes moderately for approximately 45 feet down to Dillenbaugh Creek, a fish-bearing perennial stream with a defined channel greater than 10 feet which according to CMC *17.25.020(A)(2)*, makes it a Type F-A Water. The streambed substrate was composed of rocky rubble containing pebbles to small boulders. The creek has a defined bed and steep banks with overhanging vegetation.

According to CMC *17.25.030(B)(2)*, Type F-A streams have a standard designated 150-foot buffer. The CMC also recognizes that buffers shall not extend across "hardened surfaces" due to these areas being functionally and effectively disconnected from the stream in *17.24.030(C)*. In this case, the existing fill area onsite extends to the top of the slope, effectively functionally isolating the buffer. The existing functionally isolated buffer averages approximately 45 feet from the ordinary high water mark (OHWM) to the top of slope.

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.
Yes. The project will occur approximately 45 feet northwest of the OHWM of Dillenbaugh Creek.

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.
None.

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. Dillenbaugh Creek itself lies within a 100-year floodplain (Zone AE, fema.gov).

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: [help]

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.
None.

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.
Potential indirect effects from the increase in runoff due to new impervious surface are not likely as construction activities will only occur within the existing fill area. The roadside ditch between the site and Bishop Road as well as the large swale between the site and the northbound on ramp of I-5 have effectively conveyed runoff towards Dillenbaugh Creek from the existing fill and gravel onsite since 2006 and 2009, respectively.

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:
None.

4. Plants [help]

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?
Herbaceous vegetation consisting of Queen Anne's lace (*Daucus carota*), hairy cat's ear (*Hypochaeris radicata*), Canada thistle (*Cirsium arvense*), Himalayan blackberry (*Rubus armeniacus*), bluegrass species (*Poa. sp.*), common horsetail (*Equisetum arvense*), oxeye daisy (*Leucanthemum vulgare*), reed canarygrass (*Phalaris arundinacea*) and tufted hairgrass (*Deschampsia cespitosa*), and various moss.

c. List threatened and endangered species known to be on or near the site.
U.S. Fish and Wildlife Service (USFWS) (IPaC website, 2020) lists: Kindaid's Lupine (*Lupinus sulphureus ssp. kincaidii*), Nelson's Checker-mallow (*Sidalcea nesloniana*), and Golden Paintbrush (*Castilleja levisecta*) as having a potential presence within the vicinity of the site. There are no known occurrences of the species onsite and a lack of preferred habitat available, therefore, their presence is unlikely.

d. Proposed landscaping, use of native plants, or other measures to preserve or enhance vegetation on the site, if any:
None proposed.

e. List all noxious weeds and invasive species known to be on or near the site.
Canada thistle (*Cirsium arvense*), Himalayan blackberry (*Rubus armeniacus*), and reed canarygrass (*Phalaris arundinacea*).

5. Animals [help]

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

b. List any threatened and endangered species known to be on or near the site.
U.S. Fish and Wildlife Service (USFWS) (IPaC website, 2020) lists: Bull Trout (*Salvelinus confluentus*), Yellow-billed Cuckoo (*Coccyzus americanus*), Marbled Murrelet (*Brachyramphus marmoratus*), and Streaked Horned Lark (*Eremophila alpestris*

***strigata*). as having a potential presence within the vicinity of the site. There are no known occurrences of the species onsite and a lack of preferred habitat available, therefore, their presence is unlikely. The Washington Department of Fish and Wildlife (WDFW) SalmonScape website lists Coho Salmon (*Oncorhynchus kisutch*) as being present within Dillenbaugh Creek.**

c. Is the site part of a migration route? If so, explain.
Dillenbaugh Creek is utilized by Coho for migration. Additionally, the area is within the Pacific Flyway for migratory waterfowl.

d. Proposed measures to preserve or enhance wildlife, if any:
The existing northern riparian buffer of Dillenbaugh Creek will be enhanced via removal of garbage and state and county-listed noxious weeds to allow the native vegetation to become denser to create better protection of the stream and riparian functions. The goal of the enhancement plan is to create an increase in ecological function of the riparian buffer onsite. The northern riparian buffer is functionally isolated by the existing compacted fill (hardened surface) and only extends for approximately 45 feet from the OHWM of Dillenbaugh Creek. The remaining 0.17 acres of buffer will be enhanced via removal of garbage and state and county-listed noxious weeds. The resultant enhanced riparian buffer will provide more native habitat opportunities than currently exist onsite.

e. List any invasive animal species known to be on or near the site.
None.

6. Energy and Natural Resources [help]

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.
The completed project has no energy needs.

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:
None.

7. Environmental Health [help]

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.

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.
No existing hazardous chemicals/conditions onsite.

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.
The construction vehicles and church patron vehicles will use gasoline and other petroleum products.

4) Describe special emergency services that might be required.
None besides standard access by police, fire, and other emergency services.

5) Proposed measures to reduce or control environmental health hazards, if any:
Fueling of construction vehicles will be done offsite to prevent spills onsite.

b. Noise

1) What types of noise exist in the area which may affect your project (for example: traffic, equipment, operation, other)?
Current ambient noise in the area will not affect this 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.
Noise from dump trucks and a bulldozer for spreading gravel will be present for the 1 to 2 days it takes to complete the project.

3) Proposed measures to reduce or control noise impacts, if any:
Construction will take place during daytime hours. Equipment will be turned off when not in use.

8. Land and Shoreline Use [help]

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 current use of the site is vacant land. The subject property is bordered on the southwest by Interstate 5 (I-5) and on the northeast by Bishop Road. The church and pastor's personal residence is located northwest of the site just beyond an unimproved City right-of-way (ROW). Dillenbaugh Creek forms the southeastern boundary of the property. The majority of the site was filled and levelled in 2006 with only the northernmost portion sloping from the northeastern corner towards the City ROW. In 2009, approximately 13,500 square feet of the site was further filled with gravel which was placed from the existing driveway along Bishop Road to the City ROW. The proposed parking will not affect nearby land uses.

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.
The site is vacant.

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

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

f. What is the current comprehensive plan designation of the site?
Single-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.
Yes. Dillenbaugh Creek.

i. Approximately how many people would reside or work in the completed project?
None. The parking lot could hold approximately 60 vehicles.

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:
Pre-application with the City of Chehalis occurred on January 9, 2020.

m. Proposed measures to reduce or control impacts to agricultural and forest lands of long-term commercial significance, if any:
None.

9. Housing [help]

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:
None.

10. Aesthetics [help]

a. What is the tallest height of any proposed structure(s), not including antennas; what is the principal exterior building material(s) proposed?
No structures are proposed.

b. What views in the immediate vicinity would be altered or obstructed?
None.

b. Proposed measures to reduce or control aesthetic impacts, if any:
None.

11. Light and Glare [help]

a. What type of light or glare will the proposal produce? What time of day would it mainly occur?
None.

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:
None.

12. Recreation [help]

a. What designated and informal recreational opportunities are in the immediate vicinity?
The Jesus Name Pentecostal Church activities.

b. Would the proposed project displace any existing recreational uses? If so, describe.
No.

c. Proposed measures to reduce or control impacts on recreation, including recreation opportunities to be provided by the project or applicant, if any:
None.

13. Historic and cultural preservation [help]

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.
None.

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.

No.

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.

Research of historic maps and GIS data did not indicate any historic resources on or near the project site.

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.

If artifacts or material evidence of cultural or historic value is encountered during this project, work will be stopped, and the appropriate tribes and Department of Archaeology will be contacted.

14. Transportation [help]

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 subject property is bordered on the southwest by Interstate 5 (I-5) and on the northeast by Bishop Road. The existing access to the site is addressed 1592 Bishop Road in Chehalis, Washington.

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. Twin Transit bus company serves Chehalis with the nearest stop being located within a mile at LC Work Opportunities.

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

The parking lot could hold approximately 60 vehicles. The project will not eliminate any 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).

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?

Peak use times would be Sundays and Wednesdays during church services. The lot is likely to be empty the rest of the week. Approximately 60 trips to and from the parking lot

is estimated during church services as the completed lot will hold approximately 60 passenger vehicles.

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 [help]

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.
None.

16. Utilities [help]

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

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.
None.

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: Kate'Lyn Wills
Name of signee Kate'Lyn (KT) Wills
Position and Agency/Organization Biologist/Ecological Land Services, Inc.
Date Submitted: September 17, 2020