

SEPA ENVIRONMENTAL CHECKLIST

A. Background

1. Name of proposed project, if applicable: City of Asotin Shoreline Master Plan Update
2. Name of applicant: City of Asotin
3. Address and phone number of applicant and contact person:
121 Cleveland St, Asotin, WA 99402 Mayor Vikki Bonfield (509) 243-4411
4. Date checklist prepared:
January 30, 2017 by Keltic Engineering, Inc., 315 Adams Lane – Lewiston , ID 83501. Phone (208) 743-2135. Contact: Eric Hasenoehrl, PE
5. Agency requesting checklist: Department of Ecology
6. Proposed timing or schedule (including phasing, if applicable):
The City of Asotin is proposing to locally adopt the Shoreline Master Plan (SMP) during the Spring of 2017, after which the final submittal package will be forwarded to the Department of Ecology for review.
7. Do you have any plans for future additions, expansion, or further activity related to or connected with this proposal? If yes, explain.
The City of Asotin's updated SMP will be adopted locally with the requirements of the State Shoreline Management Act (SMA) and the Growth Management Act (GMA). The goals and policies will be adopted as part of this process. Review and updates to the SMP will be completed according to the requirements in the SMA.
8. List any environmental information you know about that has been prepared, or will be prepared, directly related to this proposal.
The City of Asotin's SMP includes an Inventory, Analysis and Characterization Report, a Cumulative Impact Analysis Report, and a Restoration Plan Report. Any specific projects that arise will be reviewed individually.
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 pending applications are known of at the time of this proposal.
10. List any government approvals or permits that will be needed for your proposal, if known.
The SMP will be reviewed by the State of Washington Department of Ecology for final approval.
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 SMP established standards for development in conjunction with the shoreline. The SMA requires the City of Asotin to establish, review, and update these standards/rules. The City of Asotin currently has an SMP that was incorporated several years ago into a county plan. This update will act as a stand-alone document for the City of Asotin.

The City of Asotin SMP package includes goals and policies, development regulations, environmental shoreline designations as depicted on jurisdiction maps, a Cumulative Impacts Analysis Report, and a Restoration Plan. This information can be found on the City of Asotin website at <http://cityofasotin.org/>.

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 City of Asotin update of the SMP will encompass development relating to the waterbodies under SMA jurisdiction, which includes floodways, property within 200 feet of the OHWM, and any associated wetlands.

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 steepest slope is 50%

c. What general types of soils are found on the site (for example, clay, sand, gravel, peat, muck)? If you know the classification of agricultural soils, specify them and note any agricultural land of long-term commercial significance and whether the proposal results in removing any of these soils.

The soils found on land associated with the City of Asotin's shorelines are sands and cobbles.

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

Not applicable. There are no surface indications or history of unstable soils in the immediate vicinity.

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.

Not applicable. Any specific projects will be reviewed individually.

- f. Could erosion occur as a result of clearing, construction, or use? If so, generally describe.
Not applicable. Any specific projects will be reviewed individually.
- g. About what percent of the site will be covered with impervious surfaces after project construction (for example, asphalt or buildings)?
Not applicable. Any specific projects will be reviewed individually.
- h. Proposed measures to reduce or control erosion, or other impacts to the earth, if any:
Not applicable. There are no proposed measures to reduce or control erosion, or other impacts to the earth, as part of this proposal.

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.
Not applicable. Any specific projects will be reviewed individually.
- b. Are there any off-site sources of emissions or odor that may affect your proposal? If so, generally describe.
Not applicable. There are no off-site source of emissions or odor that may affect, or are a part of, this proposal.
- c. Proposed measures to reduce or control emissions or other impacts to air, if any:
Not applicable. There are no proposed measures to reduce or control emissions or other impacts to the air as part of this proposal.

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.
The surface water bodies in the immediate vicinity of the City of Asotin SMP are: Asotin Creek and the Snake River.
 - 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.
Not applicable. The SMP will apply to all shoreline areas within 200' of the OHWM and associated wetlands. Any specific projects that arise will be required to adhere to the City of Asotin adopted SMP.
 - 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. Any specific projects will be reviewed individually.
 - 4) Will the proposal require surface water withdrawals or diversions? Give general description, purpose, and approximate quantities if known.
Not applicable. Any specific projects will be reviewed individually.

5) Does the proposal lie within a 100-year floodplain? If so, note location on the site plan.
The City of Asotin SMP includes floodways and floodplains in the shoreline jurisdiction. The city's updated SMP addresses policies and regulations regarding this.

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 specific withdrawal or discharge is proposed in the SMP.

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 specific withdrawal or discharge is proposed in the SMP.

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.
Not Applicable. Any specific projects will be reviewed individually.

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.
Not Applicable. Any specific projects will be reviewed individually.

2) Could waste materials enter ground or surface waters? If so, generally describe.
Not Applicable. There are no waste materials being utilized as part of this proposal.

3) Does the proposal alter or otherwise affect drainage patterns in the vicinity of the site? If so, describe.
Not Applicable. Any specific projects will be reviewed individually.

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

Not Applicable. There are no proposed measures to reduce or control surface, ground, and runoff water impacts as part of this proposal.

4. Plants

a. Check the 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?

Not Applicable. Any specific projects will be reviewed individually.

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

There are no federally listed threatened plants near the Asotin Shoreline.

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

Not Applicable. Any specific projects will be reviewed individually.

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

Not Applicable. Any specific projects will be reviewed individually.

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

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

Threatened and endangered species known to be near the City of Asotin are White Sturgeon, Rainbow Trout, Summer Steelhead, Dolly Varden/bull trout, Fall Chinook, Sockeye Salmon, Golden Eagle, Grey Wolf, and Yellow-billed Cuckoo.

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

The Snake River is used by salmon as a migration route.

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

A Restoration Plan has been prepared and is included in the SMP packet.

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

Not Applicable. There are no invasive species of animal near the Asotin Shoreline.

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.

Not Applicable. There are no energy requirements as part of this proposal.

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

Not Applicable. There is no hindrance to solar energy access by adjacent properties as a result of this proposal.

- 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:

Not Applicable. There are no proposed measures for energy conservation as part of this proposal.

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.

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

Not Applicable. There are no known contaminants on the Asotin Shoreline.

- 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 Applicable. There are no known hazardous chemicals/conditions on the Asotin Shoreline.

- 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.

Not Applicable. Any specific projects will be reviewed individually.

- 4) Describe special emergency services that might be required.

Not Applicable. There are no special emergency services required as part of this proposal.

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

Not Applicable. There are no proposed measures to reduce or control environmental health hazards as part of this proposal.

b. Noise

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

Not Applicable. Any specific projects will be reviewed individually.

- 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.

Not Applicable. Any specific projects will be reviewed individually.

- 3) Proposed measures to reduce or control noise impacts, if any:

Not Applicable. There are no proposed measures to reduce or control noise impacts as part of this proposal.

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 current use of the City of Asotin Shoreline areas are agricultural, commercial, residential, recreational, and open space.

- 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?

Not Applicable. Any specific projects will be reviewed individually.

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

Not Applicable. Any specific projects will be reviewed individually.

- c. Describe any structures on the site.

Not Applicable. Any specific projects will be reviewed individually.

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

Not Applicable. Any specific projects will be reviewed individually.

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

Not Applicable. The Shoreline includes several different zoning classifications.

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

Not Applicable. Any specific projects will be reviewed individually.

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

The City of Asotin SMP proposed the following shoreline designations: Aquatic Environment, Public Recreation Environment, Natural Environment, Shoreline Residential, and Urban Conservancy Environment.

- h. Has any part of the site been classified as a critical area by the city or county? If so, specify.
There is a critical area located adjacent to the Snake River.
- i. Approximately how many people would reside or work in the completed project?
Not Applicable. The proposal will not affect individuals.
- j. Approximately how many people would the completed project displace?
Not Applicable. The proposal will not affect individuals.
- k. Proposed measures to avoid or reduce displacement impacts, if any:
Not Applicable. The proposal will not affect individuals.
- l. Proposed measures to ensure the proposal is compatible with existing and projected land uses and plans, if any:
The SMP is consistent with the existing and project land uses and plans.
- m. Proposed measures to reduce or control impacts to agricultural and forest lands of long-term commercial significance, if any:
Not Applicable. Any specific projects will be reviewed individually.

9. Housing

- a. Approximately how many units would be provided, if any? Indicate whether high, middle, or low-income housing.
Not Applicable. No structures are part of this proposal.
- b. Approximately how many units, if any, would be eliminated? Indicate whether high, middle, or low-income housing.
Not Applicable. No structures are part of this proposal.
- c. Proposed measures to reduce or control housing impacts, if any:
Not Applicable. No structures are part of this proposal.

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?
Not Applicable. No structures are part of this proposal.
- b. What views in the immediate vicinity would be altered or obstructed?
Not Applicable. No structures are part of this proposal.
- d. Proposed measures to reduce or control aesthetic impacts, if any:
Not Applicable. No structures are part of this proposal.

11. Light and Glare

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

Not Applicable. There aren't any lights as part of this proposal.

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

Not Applicable. There aren't any lights as part of this proposal.

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

Not Applicable. There aren't any lights as part of this proposal.

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

Not Applicable. There aren't any lights as part of this proposal.

12. Recreation

- a. What designated and informal recreational opportunities are in the immediate vicinity?

Not Applicable. Public access is addressed in the SMP.

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

Not Applicable. There is no displacement of existing recreational uses as a result of this proposal.

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

Not Applicable. The City of Asotin SMP addresses recreation opportunities and public access.

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.

The Full Gospel Church, commonly known as the Grace Presbyterian Church, is a registered historic site. However, it is not located within the area that this proposal addresses.

- 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.

The City of Asotin is considered a culturally sensitive area for archaeological sites. The City has had studies and mapping completed by Dr. Lee Sappington, from the University of Idaho, to document those areas in the city limits that are to be noted from a cultural and historical standpoint. The city has an Inadvertent Discovery Plan in place and works closely with the Tribal Historic Preservation Officers (THPO) for the Nez Perce Tribe in Lapwai, ID to ensure any project work or new development in the city has these sensitivities taken into consideration. The City of Asotin SMP has provisions set forth for historical and cultural importance for land use near the shoreline properties.

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.
Not Applicable. Any specific projects will be reviewed individually.

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.
Not applicable. There are no proposed measures to avoid, minimize, or compensate for loss, changes to, or disturbance to resources as part of this proposal.

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.
Not Applicable. Any specific projects will be reviewed individually.

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?
Not Applicable. Any specific projects will be reviewed individually.

c. How many additional parking spaces would the completed project or non-project proposal have? How many would the project or proposal eliminate?
Not Applicable. Any specific projects will be reviewed individually.

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).
The City of Asotin SMP focuses on uses associated with or near the shoreline. Depending, there could be an increase in transportation facilities via water.

e. Will the project or proposal use (or occur in the immediate vicinity of) water, rail, or air transportation? If so, generally describe.
Not Applicable. Any specific projects will be reviewed individually.

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?
Not Applicable. Any specific projects will be reviewed individually.

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.
Not Applicable. Any specific projects will be reviewed individually.

h. Proposed measures to reduce or control transportation impacts, if any:
Not Applicable. Any specific projects will be reviewed individually.

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.

Not Applicable. Any specific projects will be reviewed individually.

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

Not Applicable. Any specific projects will be reviewed individually.

16. Utilities

- a. Circle utilities currently available at the site:

electricity, natural gas, water, refuse service, telephone, sanitary sewer, septic system, other _____

All utilities are provided in the area in this proposal.

- 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.

Not Applicable. Any specific projects will be reviewed individually.

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 Vikki Bonfield

Position and Agency/Organization Mayor – City of Asotin

Date Submitted: 2/10/2017

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?

The City of Asotin SMP has been updated to address regulating use and development to identified shorelines or land adjacent to. The SMP does address water and air quality as it applies to uses near the shoreline and the policies seek to decrease harmful discharge and emissions. The SMP itself will not produce or release emissions or hazardous substances. The production of noise may be a by-product of specific uses or development near the shoreline, but

the SMP does not contact specific regulations. Any particular projects will be reviewed individually.

Proposed measures to avoid or reduce such increases are:

Proposed measures to avoid or reduce increases in discharge, emissions, or production of the above noted items would be to work to minimize the impact, mitigate the impact if deemed appropriate, or avoid the impact all together. The City of Asotin SMP does prohibit certain action within the shorelines, require that critical area buffers be addressed, and ensure that no net loss of ecological function is met. Additional information can be found in the Cumulative Impacts Analysis Report and the Restoration Plan.

2. How would the proposal be likely to affect plants, animals, fish, or marine life?

The City of Asotin SMP addresses the protection of affected plants, animals, fish and marine life by use or development of shoreline areas. The policies and provisions in the SMP aim to ensure that any new development in shoreline areas has minimal effects on plants, animals, fish, and marine life. Additional information can be found in the Cumulative Impact Analysis Report and Restoration Plan.

Proposed measures to protect or conserve plants, animals, fish, or marine life are:

Protection of plants, animals, fish, and marine life is addressed throughout the City of Asotin SMP in several policies and provisions.

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

This proposal will not deplete energy resources.

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

The City of Asotin SMP does not have any measures to address energy. Mining is prohibited on shoreline lands in the SMP.

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?

The City of Asotin SMP addresses environmentally sensitive areas as defined by the WAC by delineating specific buffers and criteria appropriate to the shorelines. The City of Asotin enjoys a large portion of land that could be classified as shoreline-oriented recreational use/parks areas. It is critical to the City of Asotin that public access to these areas to addressed, while minimizing the impacts to the shoreline. The City of Asotin SMP addresses historical and cultural areas in the plan.

Proposed measures to protect such resources or to avoid or reduce impacts are:

The City of Asotin SMP has policies and provisions included to protect environmental sensitive areas as defined by the WAC.

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?
The City of Asotin SMP seeks to allow for economic development, public access, provide recreation opportunities, address conservation, protect historical/cultural values, and ensure flood hazards are addressed all while protecting the shoreline and its natural resources. The City of Asotin's general land and shoreline use is recognized and consistent with land-use planning documents.

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

The City of Asotin SMP has been updated to ensure that protection of the shoreline is a main concern or priority when considering the above noted goals.

6. How would the proposal be likely to increase demands on transportation or public services and utilities?

This proposal is not likely to increase demands on transportation, public services, or utilities.

Proposed measures to reduce or respond to such demand(s) are:

There are no measures in the City of Asotin SMP to reduce or respond to demands on transportation, public services, or utilities.

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

This proposal and the changes proposed in the City of Asotin SMP do not conflict with known local, state, or federal laws or requirements for the protection of the environment.