

# **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:

Manson Area Stormwater Management Plan

2. Name of applicant:

Chelan County Public Works Department

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

Chelan County Public Works Department  
Attn: Jason Detamore, Environmental Manager  
316 Washington Street, Suite 402  
Wenatchee, WA 98801  
(509) 667-6415

4. Date checklist prepared:

April 2018

5. Agency requesting checklist:

Chelan County

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

Chelan County is finalizing the Manson Area Stormwater Management Plan, which may be adopted by the Board of County Commissioners within the next several months. Implementation of the proposed Plan will be phased over numerous years as time, opportunity, and funding presents itself. In the future, if individual projects/tasks related to this Management Plan require a type of government approval, staff will seek those specific approvals (i.e. environmental permitting, SEPA determination, NEPA analysis, etc.).

7. Do you have any plans for future additions, expansion, or further activity related to or connected with this proposal? If yes, explain.

The Stormwater Management Plan provides a foundation for future capital improvement projects.

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

Besides this SEPA checklist and threshold determination, no other environmental information is required to be prepared. If a future task or project out of the Stormwater Management Plan requires environmental documentation, it will be prepared at that time.

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 applicable.

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

A SEPA checklist and threshold determination is required. Additionally, formal adoption of this Plan is needed by the Board of County Commissioners through a Public Hearing and resolution.

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 Manson Stormwater Management Plan was originally prepared in 2002 by Hammond Collier Wade

Livingstone. The plan summarized the findings of a detailed hydrologic modeling effort and presented a capital improvement program consisting of primary and secondary collection systems. The improvements recommended in the 2002 plan focused on collection and conveyance to address recurring flooding and erosion problems. The plan also recognized the potential for impacts on Lake Chelan water quality and identified constructed wetlands and/or detention basins as possible stormwater treatment alternatives. This Plan was never formally adopted by the Board of County Commissioners.

Since 2002 land use in the Manson area has transitioned from agricultural to more residential and resort development uses. The flooding and erosion problems have persisted and the concern for Lake Chelan water quality has been heightened. In addition stormwater technology has advanced and there has been state-wide acceptance of low impact development (LID) storm water control measures. The County has requested an update to the 2002 plan to reflect current and future land use along with a financially viable capital improvement plan.

The following objectives of the updated planning effort were established:

1. Review and compile relevant modeling and mapping data from the 2002 plan. Update the data to reflect current land use and new stormwater facilities.
2. Identify existing problem areas based on input from County maintenance staff and the Manson community.
3. Identify future problem areas based on land use trends and anticipated regulatory requirements.
4. Identify stormwater treatment and discharge methods that will address the Lake Chelan water quality concerns.
5. Develop capital improvements to address the problem areas and treatment needs with an emphasis on low impact development and financial feasibility.
6. Prioritize the capital improvements and coordinate the listing with funding sources and other roadway and utility improvement projects.

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.

This Plan applies to the Manson basin within county of Chelan, Washington.

## **B. ENVIRONMENTAL ELEMENTS**

1. **Earth** This section is not applicable. The Stormwater Management Plan does not include any site specific capital construction or activities which will effect such environmental elements.
  - a. General description of the site: Flat, rolling, hilly, steep slopes, mountainous, other  
Not applicable.
  - b. What is the steepest slope on the site (approximate percent slope)?  
Not applicable.

- 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.

Not applicable.

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

Not applicable.

- 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.

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

Not applicable.

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

Not applicable.

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

Not applicable.

**2. Air** This section is not applicable. The Stormwater Management Plan does not include any site specific capital construction or activities which will effect such environmental elements.

- 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.

- b. Are there any off-site sources of emissions or odor that may affect your proposal? If so, generally describe.

Not applicable.

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

Not applicable.

**3. Water** This section is not applicable. The Stormwater Management Plan does not include any site specific capital construction or activities which will effect such environmental elements.

- 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.

Not applicable.

- 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.

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

Not applicable.

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

Not applicable.

- 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.

Not applicable.

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.

Not applicable.

- 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.

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.

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

Not applicable.

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

Not applicable.

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

Not applicable.

4. **Plants** This section is not applicable. The Stormwater Management Plan does not include any site specific capital construction or activities which will effect such environmental elements.

a. Check the types of vegetation found on the site: Not applicable.

\_\_\_\_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.

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

Not applicable.

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

Not applicable.

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

Not applicable.

5. **Animals** This section is not applicable. The Stormwater Management Plan does not include any site specific capital construction or activities which will effect such environmental elements.

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. Not applicable.

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.

Not applicable.

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

Not applicable.

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

Not applicable.

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

Not applicable.

6. **Energy and Natural Resources** This section is not applicable. The Stormwater Management Plan does not include any site specific capital construction or activities which will effect such environmental elements.

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.

b. Would your project affect the potential use of solar energy by adjacent properties?

If so, generally describe.

Not applicable.

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.

7. **Environmental Health** This section is not applicable. The Stormwater Management Plan does not include any site specific capital construction or activities which will effect such elements.

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 applicable.

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

Not applicable.

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.

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.

4) Describe special emergency services that might be required.

Not applicable.

- 5) Proposed measures to reduce or control environmental health hazards, if any:  
Not applicable.
- b. Noise This section is not applicable. The Stormwater Management Plan does not include any site specific capital construction or activities which will effect such environmental elements.
- 1) What types of noise exist in the area which may affect your project (for example: traffic, equipment, operation, other)?  
Not applicable.
- 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.
- 3) Proposed measures to reduce or control noise impacts, if any:  
Not applicable.
8. **Land and Shoreline Use** This section is not applicable. The Stormwater Management Plan does not include any site specific capital construction or activities which will effect such elements.
- 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.  
Not applicable.
- 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.
- 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.  
Not applicable.
- d. Will any structures be demolished? If so, what?  
Not applicable.
- e. What is the current zoning classification of the site?  
Not applicable (zoning will not be altered as a result of this Plan).
- f. What is the current comprehensive plan designation of the site?  
Not applicable.



- 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 applicable.
- i. Approximately how many people would reside or work in the completed project?  
Not applicable.
- j. Approximately how many people would the completed project displace?  
Not applicable.
- k. Proposed measures to avoid or reduce displacement impacts, if any:  
Not applicable.
- l. Proposed measures to ensure the proposal is compatible with existing and projected land uses and plans, if any:  
Not applicable.
- m. Proposed measures to reduce or control impacts to agricultural and forest lands of long-term commercial significance, if any:  
Not applicable.
9. **Housing** This section is not applicable. The Stormwater Management Plan does not include any site specific capital construction or activities which will effect such elements.
- 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:  
Not applicable.
10. **Aesthetics** This section is not applicable. The Stormwater Management Plan does not include any site specific capital construction or activities which will effect such environmental elements.
- 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.
- b. What views in the immediate vicinity would be altered or obstructed?  
Not applicable.

- c. Proposed measures to reduce or control aesthetic impacts, if any:  
Not applicable.

11. **Light and Glare** This section is not applicable. The Stormwater Management Plan does not include any site specific capital construction or activities which will effect such elements.

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

Not applicable.

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

Not applicable.

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

Not applicable.

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

Not applicable.

12. **Recreation** This section is not applicable. The Stormwater Management Plan does not include any site specific capital construction or activities which will effect such elements.

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

Not applicable.

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

Not applicable.

- 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.

13. **Historic and cultural preservation** This section is not applicable. The Stormwater Management Plan does not include any site specific capital construction or activities which will effect such environmental elements.

- 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.

Not applicable.

- 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.

Not applicable.

- 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.

- 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.

14. **Transportation** This section is not applicable. The Stormwater Management Plan does not include any site specific capital construction or activities which will effect such elements.

- 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.

- 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.

- 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.

- 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 applicable.

- 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.

- 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.

- 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.

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

Not applicable.

15. **Public Services** This section is not applicable. The Stormwater Management Plan does not include any site specific capital construction or activities which will effect such elements.

- 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.

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

Not applicable.

16. **Utilities** This section is not applicable. The Stormwater Management Plan does not include any site specific capital construction or activities which will effect such elements.

- a. Circle utilities currently available at the site: electricity, natural gas, water, refuse service, telephone, sanitary sewer, septic system, other \_\_\_\_\_

Not applicable.

- 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.

### 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 \_\_\_\_\_

Position and Agency/Organization ENVIRONMENTAL MANAGER / CHELAN COUNTY PUBLIC WORKS

Date Submitted: 16-MAY-2018

## 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 Manson Area Stormwater Management Plan will not increase discharges to water; emissions to air; production, storage, or release of toxic or hazardous substance; or production of noise. Individual projects outlined in the Plan, such as capital projects, will be analyzed on an individual basis and include the above environmental elements.

Proposed measures to avoid or reduce such increases are:

Not applicable for this management plan.

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

The Stormwater Management Plan will not affect plants, animals, fish, or marine life. These environmental elements will be addressed on a project specific basis.

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

Not applicable for this management plan.

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

The Manson Area Stormwater Management Plan will not deplete energy or natural resources. Individual tasks outlined in the Plan, such as capital projects, will be analyzed on an individual basis and include the above environmental elements.

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

Not applicable for this management plan.

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 Stormwater Management Plan will not impact or affect environmentally sensitive areas or area designated for governmental protection. Projects will be analyzed on an individual basis.

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

Not applicable for this management plan.

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 Stormwater Management Plan will not impact or affect land and shoreline use or would allow or encourage land or shoreline uses incompatible with existing plans. Projects will be analyzed on an individual basis.

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

Not applicable for this management plan.

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

This Stormwater Management Plan will not increase demands on transportation or public services and utilities. If needed, these elements will be address on a project-specific basis.

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

Not applicable for this management plan.

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

The Stormwater Management Plan has been developed for the community of Manson to improve stormwater quality and conveyance and is not intended to conflict with local, state, or federal laws. In addition, projects will be analyzed on an individual basis.