

## **WAC 197-11-960 Environmental checklist.**

### ENVIRONMENTAL CHECKLIST

#### *Purpose of checklist:*

The State Environmental Policy Act (SEPA), chapter 43.21C RCW, requires all governmental agencies to consider the environmental impacts of a proposal before making decisions. An environmental impact statement (EIS) must be prepared for all proposals with probable significant adverse impacts on the quality of the environment. The purpose of this checklist is to provide information to help you and the agency identify impacts from your proposal (and to reduce or avoid impacts from the proposal, if it can be done) and to help the agency decide whether an EIS is required.

#### *Instructions for applicants:*

This environmental checklist asks you to describe some basic information about your proposal. Governmental agencies use this checklist to determine whether the environmental impacts of your proposal are significant, requiring preparation of an EIS. Answer the questions briefly, with the most precise information known, or give the best description you can.

You must answer each question accurately and carefully, to the best of your knowledge. In most cases, you should be able to answer the questions from your own observations or project plans without the need to hire experts. If you really do not know the answer, or if a question does not apply to your proposal, write "do not know" or "does not apply." Complete answers to the questions now may avoid unnecessary delays later.

Some questions ask about governmental regulations, such as zoning, shoreline, and landmark designations. Answer these questions if you can. If you have problems, the governmental agencies can assist you.

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.

#### *Use of checklist for nonproject proposals:*

Complete this checklist for nonproject proposals, even though questions may be answered "does not apply." IN ADDITION, complete the SUPPLEMENTAL SHEET FOR NONPROJECT ACTIONS (part D).

For nonproject actions, the references in the checklist to the words "project," "applicant," and "property or site" should be read as "proposal," "proposer," and "affected geographic area," respectively.

#### A. BACKGROUND

1. Name of proposed project, if applicable:

**City of Dayton, Washington Shoreline Master Program Update**

2. Name of applicant:

**City of Dayton, Washington**

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

**Karen Scharer, AICP  
Dayton Planning Director  
111 S. 1<sup>st</sup> Street  
Dayton, WA 99328  
(509) 382-2361**

4. Date checklist prepared:

**March 30, 2015**

5. Agency requesting checklist:

**Washington State Department of Ecology.**

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

**Scheduled adoption by City Council, Sept. 14, 2015.**

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

**Next Scheduled SMP Update: 2023.**

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

**Shoreline Inventory and Characterization Report  
Cumulative Impacts Analysis Report  
Shoreline Master Program  
Shoreline Restoration Program**

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.

**At this time, there are no pending development proposals within the jurisdiction of the City of Dayton's Shoreline Master Program.**

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

**Scheduled approval by Washington State Department of Ecology, December 31, 2015.**

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 City of Dayton is proposing an Update to its Shoreline Master Program (SMP) as per RCW 90.58.100. The adoption of the SMP is a non-project action for "shorelines of the State", along those portions of the Touchet River within the city limits. The update includes the scientific characterization, development policies, and use regulations.**

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.

**That portion of the Touchet River which passes through the boundaries of the City of Dayton, WA.**

TO BE COMPLETED BY APPLICANT

EVALUATION FOR  
AGENCY USE ONLY

**B. ENVIRONMENTAL ELEMENTS**

**1. Earth**

a. General description of the site (circle one): Flat, rolling, hilly, steep slopes, mountainous, or other. . . . .

**The shoreline area is generally flat between steep banking on both sides of waterway. Banks along both shores consist mostly of flood-control revetment and steep natural slope. Area 200 feet perpendicular from OHWM and behind revetments is fairly flat and consists of residential and public areas and disconnected portions of riparian forest and wetlands.**

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

**Steepest slopes, over 75%, are found in the southeastern portion of the site.**

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 prime farmland.

**Soils in the Dayton shoreline area consist of Patit Creek silt loams (PkA, PlA, and PoA) and Waha-Rock (Wr). There are no prime agricultural lands within the site.**

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

**Due to the makeup of the revetments that armor the waterway slopes are fairly stable at the site. Wash from slopes upriver from the site flows into and settles between the OHWM's requiring periodic dredging.**

e. Describe the purpose, type, and approximate quantities of any filling or grading proposed. Indicate source of fill.

**Not Applicable.**

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

**Although the flood-control levee system is periodically cleared to maintain certification by the USCOE, the makeup of the levee itself precludes local erosion. Few parcels exist in shoreline areas unprotected by levees, so large areas of development are not expected. Development that does occur is strictly regulated by provisions of the Master Program.**

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

**Impervious surfaces along the shoreline, whether in residential or commercial areas, are limited by zoning regulation to 65% - 80%. This same percentage is reinforced by the bulk standards within the Shoreline Master Program.**

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

**Sections of the Program that provide policies and regulations designed to reduce erosion include:**

- Shoreline Elements**
- 15-05.020 Environmental Policies and Regulations**
- 15-05.100 Environmentally Sensitive Areas within the SMA**
- 15-06.090 Shoreline Stabilization**
- 15-06.210 Vegetation Management**
- 15-06.230 Forest Practices**
- 15-06.240 Industrial Development**
- 15-06.250 Institutional Development**
- 15-06.270 Recreational Development**
- 15-06.280 Residential Development**
- 15-06.300 Parking**
- 15-06.310 Transportation**

- 15-06.320 Railroads and Rail Corridors**
- 15-06.330 Nonresidential Development**
- 15-06.340 Utilities**

**2. Air**

a. What types of emissions to the air would result from the proposal (i.e., dust, automobile, odors, industrial wood smoke) during construction and 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**

a. Surface:

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 project provides for policies and regulations managing development activity within and along the Touchet River, as it passes through Dayton, and the area 200 feet shoreward on both banks. The project also covers that portion of Patit Creek from its confluence with the Touchet River through the 200 foot buffer.**

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.

**The project does not require any specific actions within the area described above.**

- 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.

**Current FEMA maps show portions of the managed area of the Touchet River and Patit Creek, and the land 200 feet shoreward of the OHWM on the Touchet River, to be included within the 100-year flood plain.**

- 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:

- 1) Will ground water be withdrawn, or will water be discharged to ground water? 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**

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

**Sections of the Program that provide policies and regulations designed to reduce or control surface, ground and runoff water impacts include:**

	<b>Shoreline Elements</b>
<b>15-05.020</b>	<b>Environmental Policies and Regulations</b>
<b>15-05.100</b>	<b>Environmentally Sensitive Areas within the SMA</b>
<b>15-06.090</b>	<b>Shoreline Stabilization</b>
<b>15-06.210</b>	<b>Vegetation Management</b>
<b>15-06.230</b>	<b>Forest Practices</b>
<b>15-06.240</b>	<b>Industrial Development</b>
<b>15-06.270</b>	<b>Recreational Development</b>
<b>15-06.280</b>	<b>Residential Development</b>
<b>15-06.300</b>	<b>Parking</b>
<b>15-06.310</b>	<b>Transportation</b>
<b>15-06.320</b>	<b>Railroads and Rail Corridors</b>
<b>15-06.330</b>	<b>Nonresidential Development</b>
<b>15-06.340</b>	<b>Utilities</b>

4. **Plants**

a. Check or circle 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
- \_\_\_\_\_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 or endangered species known to be on or near the site.

**The Department of Fish and Wildlife has identified no threatened or endangered species known to be on or near the managed area.**

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

**Sections of the Program that provide policies and regulations designed to control landscaping, use of native plants or other measures to preserve or enhance vegetation on the site include:**

- Shoreline Elements**
- 15-05.020 Environmental Policies and Regulations**
- 15-05.100 Environmentally Sensitive Areas within the SMA**
- 15-06.090 Shoreline Stabilization**
- 15-06.210 Vegetation Management**
- 15-06.230 Forest Practices**
- 15-06.240 Industrial Development**
- 15-06.270 Recreational Development**
- 15-06.280 Residential Development**
- 15-06.300 Parking**
- 15-06.310 Transportation**
- 15-06.320 Railroads and Rail Corridors**
- 15-06.330 Nonresidential Development**
- 15-06.340 Utilities**

**5. Animals**

a. Circle or underline any birds and animals which have been observed on or near the site or are known to be on or near the site:

- Birds:** hawk, heron, eagle, songbirds, other:
- Mammals:** deer, bear, elk, beaver, other:
- Fish:** bass, salmon, trout, herring, shellfish, other:

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

**The Department of Fish and Wildlife has identified no threatened or endangered species known to be on or near the managed area.**

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

**Riparian Areas are natural migration routes for many species.**

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

**Sections of the Program that provide policies and regulations designed to preserve or enhance wildlife include:**

- 15-05.020 Shoreline Elements**
- 15-05.100 Environmental Policies and Regulations**
- 15-05.100 Environmentally Sensitive Areas within the SMA**
- 15-06.090 Shoreline Stabilization**
- 15-06.210 Vegetation Management**
- 15-06.230 Forest Practices**
- 15-06.270 Recreational Development**
- 15-06.280 Residential Development**
- 15-06.330 Nonresidential Development**

**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**

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**

TO BE COMPLETED BY APPLICANT

EVALUATION FOR  
AGENCY USE ONLY

## **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 Applicable**

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

**Not Applicable**

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

**Not Applicable**

## **b. Noise**

- 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 hour's noise would come from the site:

**Not Applicable**

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

**Section 15-05.020, Environmental Policies and Regulations contains measures to reduce or control noise impacts.**

## **8. Land and shoreline use**

- a. What is the current use of the site and adjacent properties?

**The managed area is used for a variety of purposes, including residential, commercial and institutional. See section 15-05.300, Shoreline Environmental Designations, and accompanying map, for development and use standards.**

b. Has the site been used for agriculture? If so, describe.

**Portions are used for small scale, personal gardening.**

c. Describe any structures on the site.

**Within the residential environments, there are single and multi-family residential units and accompanying structures. Same for the commercial and institutional environments. The City water treatment plant is within the north end of the managed area.**

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

**Not applicable**

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

**The managed area contains residential, commercial and institutional zones that match the environmental designations.**

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

**The managed area contains residential, commercial and institutional zones that match the environmental designations.**

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

**The managed area is used for a variety of purposes, including residential, commercial and institutional. See section 15-05.300, Shoreline Environmental Designations, and accompanying map, for development and use standards.**

h. Has any part of the site been classified as an "environmentally sensitive" area? If so, specify.

**For SMP purposes, the entire 200 foot managed area is an environmentally sensitive area. Wetland areas and steep slopes exist within the managed area and these are co-managed through the SMP and the CAO.**

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

**At any given time, there are a few hundred people who reside or work in the managed area.**

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**

## **9. Housing**

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

**Not Applicable**

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

**Not Applicable**

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

**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?

**Zoning regulations limit building heights to 35 feet in residential zones and 50 feet in commercial.**

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

**Views would not be altered or obstructed in the managed area.**

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

**Policies and regulations for aesthetic impacts are presented in 15.05.020 Environmental Policies and Regulations.**

**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**

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:

**Policies and regulations for aesthetic impacts are presented in 15-05.020 Environmental Policies and Regulations.**

**12. Recreation**

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

**View and physical river access, along with the launching of human powered watercraft are allowed in the managed area.**

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:

**Not Applicable**

**13. Historic and cultural preservation**

a. Are there any places or objects listed on, or proposed for, national, state, or local preservation registers known to be on or next to the site? If so, generally describe.

**The Department of Archaeology and Historic Preservation has designated no current or potential sites within the managed shoreline area.**

b. Generally describe any landmarks or evidence of historic, archaeological, scientific, or cultural importance known to be on or next to the site.

**Not Applicable**

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

**Not Applicable**

**14. Transportation**

a. Identify public streets and highways serving the site, and describe proposed access to the existing street system. Show on site plans, if any.

**Not Applicable**

b. Is site currently served by public transit? If not, what is the approximate distance to the nearest transit stop?

**The managed area is not served by public transit.**

c. How many parking spaces would the completed project have? How many would the project eliminate?

**Not Applicable**

d. Will the proposal require any new roads or streets, or improvements to existing roads or streets, not including driveways? If so, generally describe (indicate whether public or private).

**No.**

e. Will the project 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? If known, indicate when peak volumes would occur.

**Not Applicable**

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

**Transportation policies and regulations are presented in SMP Section 15-06.310.**

**15. Public services**

a. Would the project result in an increased need for public services (for example: fire protection, police protection, 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**

a. Circle, or underline, 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.

**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: .....

Date Submitted: 3/30/2015.....

D. SUPPLEMENTAL SHEET FOR NONPROJECT ACTIONS

(Do not 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?

**Not Likely. The updated master program is designed to reduce the discharged items listed above.**

Proposed measures to avoid or reduce such increases are:

**Regulations concerning discharge to water, emissions to air, release of toxic substances and noise are found in section 15-05.020 of the Shoreline Master Program.**

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

**The proposal will decrease the prevalence of non-native plants and increase native plants. Animals along the shoreline will benefit from a healthier riparian buffer and pathway along the shoreline. Fish and marine life will benefit from cleaner runoff and buffer areas.**

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

**Policies and regulations protecting plants, animals, fish, or marine life are found in Section 15-06.200-340.**

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

**Energy is not a factor in the Master Program update. The Shoreline Master Program is designed to at least maintain the current level of natural resources. Other plans within the Master Program discuss restoration and increase of natural resources.**

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

**Found in Chapters 15-05 and 15-06 of the Shoreline Master Program.**

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?

**In the managed area, environmentally sensitive areas are protected by a combination of policies and regulations in the Shoreline Master Program and the Critical Areas Ordinance. Every private and public developmental action is regulated by both plans.**

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

**Reducing the impacts to the shoreline from development is the basis of the Shoreline Master Program. Permitting is discussed in Chapter 15-03, while policies and regulations that govern various aspects of development are found in chapters 15-05 and 15-06.**

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 proposal is designed to only affect land and shoreline use. It is compatible with the shoreline master programs for nearby cities and counties. It is compatible with the City of Dayton's Comprehensive Plan.**

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

**Reduction of impacts to the shoreline from development is the basis of the entire document. Permitting is discussed in chapter 15-03, while policies and regulations that govern various aspects of development are found in chapters 15-05 and 15-06.**

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

**Focus on public use of the shoreline area may temporarily increase demand on public services as the City makes additional efforts to manage public areas for citizen enjoyment. The shoreline area is already a popular walking and recreation area within the City limits.**

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

**Policies and regulations that discuss and provide design specifications for public access and the boundaries between public and private development are found in Section 15-05.200.**

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 brings the City of Dayton into compliance with State law RCW 90.58.**