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**Appendix J**  
**Environmental Checklist, 1999 CWSP**

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BK0094 PG4329

## ENVIRONMENTAL CHECKLIST

## A. BACKGROUND

## 1. Name of proposed project, if applicable:

Skagit County Coordinated Water System Plan (CWSP).  
A county initiated, non-project action to update the 1993  
Anacortes-Fidalgo Island Coordinated Water System Plan. This  
update is required every five years as prescribed in Chapter  
246-293-280 WAC.

## 2. Name of Applicant:

Skagit County

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

Skagit County Planning and Permit Center  
200 West Washington Street  
Mount Vernon, WA 98273  
(360)336-9416

Contact: R. Christensen

## 4. Date checklist prepared:

September 10, 1998

## 5. Agency requesting checklist:

Skagit County Health Department

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

Approval of plan by the end of 1998; update every 5 years thereafter.

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

Yes. Water system purveyors who have defined their systems as expanding will update their respective individual comprehensive water system plans for consistency with the CWSP within one year from presentation to the County Commissioners, estimated fall, 1999.

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

There are none.

9. Do you know of pending applications for governmental approvals of other proposals directly affecting the property covered by your proposal? If yes, explain.

There are none.

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

The Coordinated Water System Plan will be reviewed by the Board of County Commissioners with at least one public hearing. Once it is approved by the Commissioners it is forwarded to the State Department of Health for approval pursuant to Chapter 70.116 RCW.

11. Give a 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 which ask you to describe certain aspects of your proposal. You do not need to repeat those answers of this page.

The Skagit County Coordinated Water System Plan creates processes which organize development of water utilities and integrates water system development with land use planning within the Critical Water Supply Service Area which in Skagit County is all of Skagit County.

2. Location of the proposal. Please give sufficient information for a person to understand the precise location of your proposed project, including a street address, if any. If a proposal would occur over a range of area, please provide the range or boundaries of the site(s). Please provide a legal description, site plan, vicinity map, and topographic map if possible. 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. (Indicate if maps or plans have been submitted as part of a permit application.)

Applies to all lands and to all land use and development and to all structures and facilities in Skagit County except incorporated areas, Federal lands, tribal and trust lands.

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B. ENVIRONMENTAL ELEMENTS

1. Earth

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

Not applicable

b. What is the steepest slope on the site (approximate % 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, please specify and note any prime farmland.

Not applicable

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

Not applicable

e. Describe the purposes, 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, general 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

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## 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 which may affect your proposal? If so, generally describe.

Not applicable

c. What are the proposed measures to reduce or control emissions or other impacts, if any:

Not applicable

## 3. Water

## a. Surface:

1) Is there any surface water on or in the immediate vicinity of the site (including year-round and seasonal streams, saltwater, lakes, ponds, associated wetlands)? If yes, describe type, provide names, and, if known, state what stream or river it flows into.

Not applicable

2) Will the project require any work over 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 surface water withdrawals or diversions be required by the proposal? Give general description, purpose, and approximate quantities if known.

Not applicable

5) Does the proposal lie within a 100-year floodplain? Note location on the site plan, if any.

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:

1) Will ground water be withdrawn or recharged? 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 human the system(s) are expected to serve.

Not applicable

c. Water Runoff (including storm water):

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

Not applicable

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, bulrush, skunk cabbage,

water plants: water lily, eelgrass, milfoil, other

other types of vegetation

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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

Not applicable

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

Not applicable

5. Animals

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

birds: hawk, heron, eagle, songbirds, other  
mammals: deer, bear, elk, beaver, other  
fish: salmon, trout, shellfish, other

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

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?

Not applicable

d. What are the proposed measures to reduce or control energy impacts, if any?

Not applicable

7. Environmental Health

a. Are there any environmental health hazards, exposure to toxic chemicals, including risk of fire and explosion, spill, or hazardous waste, that occur as a result of this proposal? If so, describe.

Not applicable

b. Describe special emergency services that might be required.

Not applicable

c. What are the proposed measures to reduce or control environmental health hazards, if any:

Not applicable

8. Land and shoreline Use

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

Not applicable

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

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

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

Not applicable

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

Not applicable

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

Not applicable

i. What are proposed measures to ensure the proposal is compatible with existing and projected land uses and plans, if any:

Not applicable

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

Not applicable

k. Approximately how many people would the completed project displace?

Not applicable

l. What are proposed measures to avoid or reduce displacement or other impacts, 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. What are proposed measures to reduce or control housing impacts, if any:

Not applicable

10. Noise

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

Not applicable

08/01/1988

b. 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

c. What are the proposed measures to reduce or control noise impacts, if any:

Not applicable

#### 11. 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

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

Not applicable

c. What area the proposed measures to reduce or control aesthetic impacts, if any?

Not applicable

#### 12. 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. What are the proposed measures to reduce or control light and glare impacts, if any:

Not applicable

## 13. Recreation

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. What are the proposed measures to reduce or control impacts on recreation, including recreation opportunities to be provided by the project or applicant, if any:

Not applicable

## 14. 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.

Not applicable

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

Not applicable

c. What are the proposed measures to reduce or control impacts, if any.

Not applicable

## 15. 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?

Not applicable

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 any existing roads or streets, not including driveways? If so, generally describe (indicate whether public or private).

Not applicable

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 projects? If known, indicate when peak volumes would occur.

Not applicable

g. What are proposed measures to reduce or control transportation impacts, if any:

Not applicable

#### 16. Public Services

a. Would the project result in an increased need for public services (for example: fire protection, health care, schools, other)? If so, generally describe.

Not applicable

b. What are proposed measures to reduce or control direct impacts on public services, if any.

Not applicable

#### 17. Utilities

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 which 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

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C. SIGNATURE

The above answers are true to the best of my knowledge. I understand that the lead agency is relying on them to make its decision.

signature: \_\_\_\_\_

Date submitted: September 1998

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**D. SUPPLEMENT 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?

The CWSP responds to growth and related water demand. The CWSP does not create the projected increase in population and attendant environmental impacts. The CWSP uses OFM population figures and accepted formulas for creating population projection figures. The CWSP has an objective to be efficient and prudent with public resources, e.g. the joint plan of operation encourages efficiency and a sharing of the resource.

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

The CWSP has no effect on these resources. Implementation of certain aspects of the CWSP may have some effect, but such actions would be subject to individual environmental review.

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

The CWSP has no effect on these resources. Implementation of certain aspects of the CWSP may have some effect, but such actions would be subject to individual environmental review.

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?

All elements of the CWSP must be found to be consistent with local land use plans, policies, and development programs to be approvable. Specific actions proposed for implementation under the CWSP would be subject to environmental review.

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

None.

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?

All elements of the CWSP must be found to be consistent with local land use plans, policies, and development programs to be approvable. Specific actions proposed for implementation under the CWSP would be subject to environmental review.

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

None.

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

The CWSP will provide clarity concerning water service to specific areas, thereby supporting growth planned under existing zoning and land use plans.

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

None.

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

The CWSP is in the format called for by Chapter 70.116 RCW and has had both state and local agency review throughout its development. There is no conflict expected.