



APPENDICES



Appendix C

STATE ENVIRONMENTAL POLICY ACT (SEPA) CHECKLIST

Airport Master Plan Update William R. Fairchild International Airport Port Angeles, Washington

September 2011

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:
**William R. Fairchild International Airport
Airport Master Plan**
- 2) Name of applicant:
Port of Port Angeles
- 3) Address and phone number of applicant and contact person:
**Mr. Douglas Sandau, Airport Manager
William R. Fairchild International Airport
Port Of Port Angeles
1402 South Airport Road
Port Angeles, WA 98363
(360) 417-3456**
- 4) Date checklist prepared:
09/17/10
- 5) Agency requesting checklist:
Port of Port Angeles; Federal Aviation Administration (FAA)

- 6) Proposed timing or schedule (including phasing, if applicable):
The Master Plan's recommended improvements are planned for three implementation phases.
- Phase I: Encompasses the short-term 5-year period (2011 to 2016)
 - Phase II: Encompasses the mid-term 5-year period (2017 through 2022)
 - Phase III: Encompasses the long-term 7-year period (2023 through 2027)
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- 7) Do you have any plans for future additions, expansion, or further activity related to or connected with this proposal? If yes, explain.
Capital improvement projects recommended in the Master Plan will be built during the phases noted in the preceding answer.
- 8) List any environmental information you know about that has been prepared, or will be prepared, directly related to this proposal.
A detailed Environmental Assessment will need to be prepared in the short-term time frame in advance of any obstruction removal program. In addition, most projects that have been recommended will need to be assessed prior to construction.
- 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.
None have been identified
- 10) List any government approvals or permits that will be needed for your proposal, if known.
The Master Plan will need to be approved by the Port of Port Angeles and the FAA.
- 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 Master Plan (a non-project action) for the William R. Fairchild International Airport is intended to evaluate and determine a short, intermediate and long-term expansion, maintenance and development program for the airport. A detailed program for airside and landside facilities has been formulated, and a 20-year Capital Improvement Program (CIP) has been prepared. The CIP consists of actions that support continued operation of the airport over time.
- 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.
William R. Fairchild International Airport (CLM) is located approximately three miles west of the city of Port Angeles, Washington and is the largest city on the Olympic Peninsula. The airport is owned and operated by the Port of Port Angeles and is classified as a commercial service airport by both the Federal Aviation Administration (FAA) and the Washington State Department of Transportation, Aviation Division. The airport serves the commercial service needs of the entire Peninsula including Clallam, Jefferson and portions of Mason Counties.

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)? Approximately 10 %

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. **Bellingham silty clay loam, Clallam gravelly sandy loam, 0 to 15 percent slopes; Elwha gravelly sandy loam, 0 to 15 percent slopes; Hoypus gravelly sandy loam, 0 to 15 percent slopes; McKenna gravelly silt loam; Mukilteo muck; and Neilton very gravelly loamy sand, 30 to 70 percent slopes**

d. Are there surface indications or history of unstable soils in the immediate vicinity? If so, describe. **No.**

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

Does not apply.

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

Does not apply.

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

Does not apply.

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

Does not apply. None needed.

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.

Individual projects in the Master Plan Update may result in increased air emissions. These will be subject to project approval at the time of implementation.

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

Does not apply.

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

Mitigation measures for individual projects will be implemented as needed to reduce or control emissions.

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.

Surface run-off is captured via a series of open swales, subsurface drains and piping and transported to the storm detention facility.

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.

No

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.

Does not apply.

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

Does not apply.

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

The airport does not lie in 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.

Does not apply.

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.

Does not apply.

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.

Does not apply.

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.

Does not apply.

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

Does not apply.

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

Does not apply.

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; forested wetlands, riparian
- water plants: water lily, eelgrass, milfoil, other
- other types of vegetation

b. What kind and amount of vegetation will be removed or altered?

Does not apply.

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

None listed.

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

Does not apply to the Master Plan.

5. Animals

a. Circle 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: **Canada geese and seagulls**
 mammals: deer, bear, elk, beaver, other: **coyotes, deer, rodents and other small mammals**
 fish: bass, salmon, trout, herring, shellfish, other:

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

None

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

None

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

Does not apply.

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.

Does not apply.

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

Does not apply.

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:

Does not apply.

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.

Does not apply.

1) Describe special emergency services that might be required.

Does not apply.

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

Does not apply.

b. Noise

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

Does not apply.

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.

Does not apply.

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

Does not apply. None needed.

8. Land and shoreline use

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

Land uses surrounding the airport include residential, industrial and open space. The main landing approach area for the airport is over the City, located east of the airport. The area to the west of the airport (the primary take-off area) contains the City's landfill. This landfill is currently planned to be closed and converted into a solid waste transfer station to reduce the hazards associated with conflicts between airplanes and scavenger birds feeding at the landfill. Farther to the west, the area is located in the County and is zoned Rural Low and Moderate density and Rural Character Conservation (RCC3) to maintain low-density residential areas in the flight path area. The lands adjacent to the airport on both the north and south are designated and zoned as industrial to minimize the impacts that may be expected from more intensive land uses adjacent to an airport.

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

No

c. Describe any structures on the site.

The structures include airport hangars and maintenance buildings.

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

Not as a result of the Master Plan. Individual projects recommended in the various phases will involve demolition of structures.

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

The zoning is industrial

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

The comprehensive plan designation is industrial

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

Does not apply.

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

No.

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

Does not apply.

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

Does not apply.

k. Proposed measures to avoid or reduce displacement impacts, if any:

Does not apply.

1. Proposed measures to ensure the proposal is compatible with existing and projected land uses and plans, if any:
The Master Plan incorporates a discussion on land use and will be in compliance with existing land use policies. Continuing planning efforts are under way to protect the airport or community within the airport influence area.

9. **Housing**

- a. Approximately how many units would be provided, if any? Indicate whether high, middle, or low-income housing.
Does not apply.
- b. Approximately how many units, if any, would be eliminated? Indicate whether high, middle, or low-income housing.
Does not apply.
- c. Proposed measures to reduce or control housing impacts, if any:
Does not apply.

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?
Does not apply.
- b. What views in the immediate vicinity would be altered or obstructed?
Does not apply.
- c. Proposed measures to reduce or control aesthetic impacts, if any:
Does not apply.

11. **Light and glare**

- a. What type of light or glare will the proposal produce? What time of day would it mainly occur?
Airport use requires various lighting intensity levels, day and night.
- b. Could light or glare from the finished project be a safety hazard or interfere with views?
No.
- c. What existing off-site sources of light or glare may affect your proposal?
Does not apply.
- d. Proposed measures to reduce or control light and glare impacts, if any:
Does not apply.

12. Recreation

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

None.

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

Does not apply.

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

Does not apply.

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.

No.

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

None.

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

None needed.

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.

US Highway 101 is the primary roadway that connects Port Angeles with other communities both on the peninsula and to the ferry system. Locally the airport is accessed from Lauridsen Boulevard and Airport Road.

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

No.

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

Does not apply.

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).

Some of the projects listed in the Master Plan Update may require on-site airport road improvements.

e. Will the project use (or occur in the immediate vicinity of) water, rail, or air transportation? If so, generally describe.

Does not apply.

f. How many vehicular trips per day would be generated by the completed project? If known, indicate when peak volumes would occur.

Does not apply.

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

Does not apply.

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.

The Master Plan would not.

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

Does not apply.

16. Utilities

a. Circle 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.

Does not apply.

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:

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?

Proposed improvements recommended in the Master Plan may result in increased discharges to water; air emissions; or production of noise.

Proposed measures to avoid or reduce such increases are:

SEPA compliance, permits and other agency approvals will be obtained and mitigation provided as needed on a case by case basis for individual projects.

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

Individual projects listed in the Master Plan may have the potential to affect plants or animals.

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

Mitigation measures will be outlined as needed for individual projects listed in the Master Plan.

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

Individual projects listed in the Master Plan may have the potential to deplete energy or natural resources.

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

Mitigation measure will be outlined as needed for individual projects listed in the Master 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?

Individual projects listed in the Master Plan may have the potential to affect environmentally sensitive areas.

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

Mitigation measure will be outlined as needed for individual projects listed in the Master 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?

Individual projects listed in the Master Plan will be in compliance with existing land and shoreline uses and plans.

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

None needed.

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

Individual projects listed in the Master Plan have the potential to slightly increase demands on transportation or public services and utilities.

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

Mitigation measures will be outlined as needed for individual projects listed in the Master Plan.

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

To the extent known at this time, individual projects listed in the Master Plan will not conflict with local, state or federal laws or requirements for protection of the environment.