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SEPA ENVIRONMENTAL CHECKLIST

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
- Name of proposed project, if applicable: Yakima Air Terminal/McAllister Field Master Plan
- 2) Name of applicant: City of Yakima
- 3) Address and phone number of applicant and contact person:

Robert Peterson, MPA Airport Manager Yakima Air Terminal 2406 W. Washington Avenue, Suite B Yakima, WA 98903 (509) 575-6149 (Office)

4) Date checklist prepared:

09/16/2014

5) Agency requesting checklist:

City of Yakima; 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 1 covers the short-term projects (2013-2016);

Phase 2 covers the intermediate term (2017-2021);

Phase 3 covers the long term plan (2022-2031).

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 ALP Update will be built during the phases noted in the preceding answer. Some Capital Improvement Projects will include asphalt work to rehabilitate Taxiways, Aprons, and Ramps; rehabilitate Federal Aviation Administration required airfield lighting and signage; and acquisition of required equipment to perform maintenance at airport.

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

Not applicable at the present time. However, future projects may require additional consideration or environmental review depending on the scope of work.

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

The Airport Layout Plan Update will need to be approved by the City of Yakima and Federal Aviation Administration.

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 Airport Layout Plan Update (a non-project action) for the Yakima Air Terminal/McAllister Field is intended to evaluate and determine a short, intermediate and long-term maintenance and development program for the airport. A detailed maintenance program for airside and landside facilities has been formulated, and a 20-year capital improvement program has been prepared. The Capital Improvement Project consists of actions that support continued safe and efficient operation of the airport.

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.

Yakima Air Terminal/McAllister Field (YKM) is located in Yakima County within the City of Yakima and covers an area of 825 acres. The main entrance is at the intersection of South 24th Avenue and West Washington Avenue approximately three miles southwest from the Interstate 82/State Route 12 Interchange. There are two active runways at the airport. Runway 9/27 is paved with asphalt and is 150 feet wide by 7,604 feet in length. There is a non-precision approach to Runway 9 and a precision approach to Runway 27. Runway 4/22 is also paved with asphalt and is 150 feet wide by 3,835 feet in length. There are visual approaches to both Runway ends.

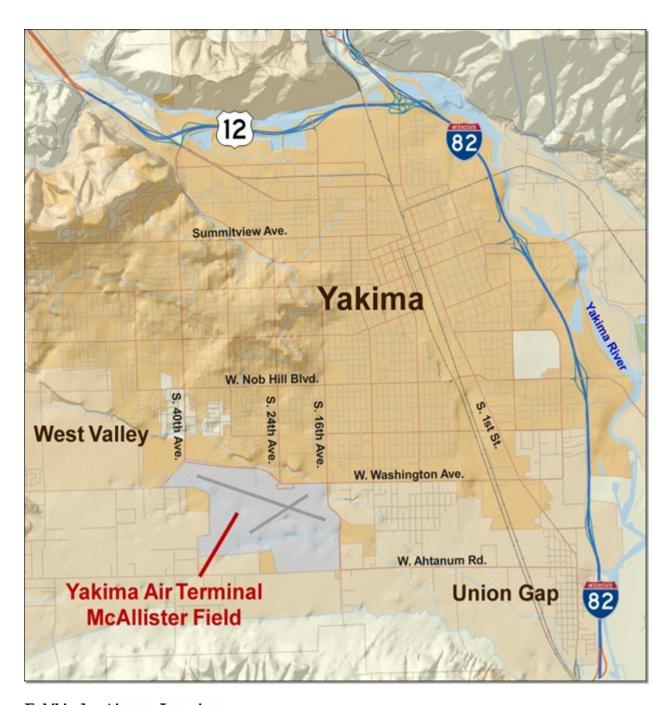


Exhibit 1 - Airport Location

EVALUATION FOR AGENCY USE ONLY

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 3 %**
- 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.

The soils on the airport are primarily Alluvium – stream deposits of silt, sand and gravel. None of the soils are classified as prime agricultural.

- 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.

Not applicable at the present time. However, specific future projects may require additional filling or grading depending on the scope of work to ensure the airfield meets Federal Aviation Administration standards.

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

Not applicable at the present time. However, specific future projects may require additional consideration to ensure erosion doesn't occur if any clearing or construction is required to meet Federal Aviation Administration standards.

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

Not applicable at the present time. However, specific future projects may require additional pavement or asphalt be installed to meet Federal Aviation Administration standards.

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

Not applicable at the present time. However, future proposed projects may require measures to be implemented to reduce or control erosion to assist the airport in meeting Federal Aviation Administration standards.

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 due to construction activities. These will be examined on a per project basis.

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

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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.

Three permanent streams are located on Yakima Air Terminal/McAllister Field (YKM) property; these are: Bachelor Creek, Spring Creek and Wide Hollow Creek, and a permanent irrigation ditch, Carpenter Ditch.

Bachelor Creek originates approximately 14.75 miles west of the airport. It transits within YKM from a start point near the southwest corner of the intersections of South 36th Avenue and Ahtanum Road. In general, Bachelor Creek runs westerly to easterly, passing through the middle of YKM, south of Runway 4/22. The Creek crosses under the former footprint of South 16th Avenue and the paved perimeter road and continues east to merge with Carpenter Ditch, an irrigation ditch and associated wetlands. Bachelor Creek crosses under the existing South 16th Avenue before meandering southeast approximately 1.5 miles under Ahtanum Road to converge with Ahtanum Creek (a tributary of the Yakima River). The Type 2 Creek requires a 25-foot buffer minimum and 75-foot buffer maximum from its delineated ordinary high water mark (OHWM) within YKM boundaries.

Wide Hollow Creek originates approximately 15 miles west of YKM. It transits within YKM for approximately 1,000 lineal feet near the northeast portion of YKM. From a start point near the intersections of South 16th Avenue and West Washington Avenue, Wide Hollow Creek meanders through a vegetated channel under an access road for Cub Crafters and before exiting YKM under the recently improved South 16th Avenue. Wide Hollow Creek is a tributary of the Yakima River. The Type 2 Creek requires a 25-foot buffer minimum and 75-foot buffer maximum from its delineated OHWM within YKM boundaries.

Spring Creek originates approximately 2,000 feet west of West Washington Avenue in two separate channels. These two channels merge near an agriculture field at West Washington Avenue. The creek crosses under West Washington Avenue into YKM and meanders out of, and back into the airport near the intersections of Spring Creek Road and South 36th Avenue. This is a location of an existing mitigation area for the Runway 27 Safety Area Improvement Project (Widener and Associates September 2008). The creek continues in a partially channelized, partially vegetated, meandering ditch, under Runway 4 and further easterly towards the former South 16th Avenue footprint, towards the weir and former hatchery location, east of the perimeter road. Spring Creek becomes the Carpenter Irrigation Ditch at this location, regulating flows between the ditch and Bachelor Creek. Spring Creek a Type 3 stream (and associated wetlands) flows west to east and through YKM within both the City of Yakima and Yakima County boundaries. It requires a minimum 25-foot and maximum 50-foot buffer from the delineated OHWM.

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Carpenter Irrigation Ditch provides irrigation water to surrounding fields. Waters from the ditch exit airport property as Bachelor Creek, flowing under South 16th Avenue. This ditch is considered waters of the United States within YKM, and is jurisdictional under United States Army Corps of Engineers (Title 33 CFR).

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.

Projects listed in the Master Plan Update may involve some work within 200 feet of some of the described waters. Specific plans for the projects will be completed as the projects are implemented.

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.

Floodplains are defined by Executive Order 11988, Floodplain Management, as those areas with a one percent chance of flooding in any given year, or once in every 100 years. Examination of Federal Flood Insurance Maps, have revealed the existence of 100 year floodplains north of, within, east of, and west of YKM associated with the meanderings of Bachelor and Spring Creeks. Included in this floodplain area is the south end of Taxiway C and a small part of the proposed extension to Runway end 27 as indicated in the previous Airport Master Plan.

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.

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- c. Water runoff (including stormwater):
 - 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. Che	ck or circle types of vegetation found on the site:
<u>X</u>	— deciduous tree: <u>alder, maple</u> , aspen, <u>other (Willow, Russian Olive, Chinese Elm)</u>
•	- evergreen tree: <u>fir</u> , <u>cedar</u> , pine, other:
	- shrubs
<u>X</u>	— grass
	— pasture
	— crop or grain
<u>X</u>	- wet soil plants: cattail, buttercup, bullrush, skunk cabbage, other; riparian
	- 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 at the present time. However, future proposed projects may require some relocation or removal of vegetation depending on the scope of work to meet Federal Aviation Administration standards.

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 Airport Layout Plan Update.

- 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 (Magbies, Starlings, Crows, Red Tail Hawk, Kestrel Hawk, Kill Deer, Blue Heron):

mammals: deer, bear, elk, beaver, other: (Pocket Gopher, Moles, Field Mice, Coyotes)

fish: bass, salmon, trout, herring, shellfish,

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- 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.

No

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.

Not applicable at the present time. However, future proposed projects may require further consideration to the above question depending on the scope of work to be completed to meet Federal Aviation Administration standards.

1) Describe special emergency services that might be required.

Not applicable at the present time. However, future proposed projects may require further consideration for emergency services (responding routes) depending on the scope of work to be completed to meet Federal Aviation Administration standards.

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)?

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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?

The current land use is for airport operations.

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

Yes, portions of airport property are currently used for cattle grazing or Hay Crops.

c. Describe any structures on the site.

The structures include a variety of buildings such as airport hangars, terminal building, and maintenance buildings.

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

Not as a result of the Airport Layout Plan Update. Individual projects recommended in the various phases may involve demolition of specific structures to accommodate future development of the airport.

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

The zoning is airport support.

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

The comprehensive plan designation is airport support.

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?

Not applicable at the present time. However, future proposed projects may require further consideration to the above question depending on the scope of work and building size.

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

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

Does not apply. None needed.

1. Proposed measures to ensure the proposal is compatible with existing and projected land uses and plans, if any:

The Airport Layout Plan Update 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. None needed.

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 as outlined in the Federal Aviation Regulations related to Part 139 commercial service airports.

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

No.

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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. None needed.

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. None needed.

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.

 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.

The main entrance is at the intersection of South 24th Avenue and West Washington Avenue approximately three miles southwest from the Interstate 82/State Route 12 Interchange.

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

Yes, Yakima Transit has a bus stop North of the main terminal building along West Washington Ave.

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- 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.

Not applicable at the present time. However, future proposed projects may require further consideration to the above question depending on the scope of work to be completed on airport property. Projects usually focus on improvements to the airport's transportation system.

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. None needed.

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 Airport Layout Plan Update would not require the addition or increased need for public services.

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

Does not apply. None needed.

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.

TO BE COMPLETED BY APPLICANT	EVALUATION FOR
	AGENCY USE ONLY
Signature:	
Date Submitted:	

EVALUATION FOR AGENCY USE ONLY

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 Update 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 Update 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 Update.

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

Although all of the projects listed in the Master Plan Update will use energy and natural resources, none 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 Update.

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?

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Individual projects listed in the Master Plan Update 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 Update.

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 Update 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 Update may have the potential to 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 Update.

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 Update will not conflict with local, state or federal laws or requirements for protection of the environment.