

# ENVIRONMENTAL CHECKLIST

## A. BACKGROUND

- 1. Name of proposed project, if applicable:** Fort Worden Site and Facilities Use and Development Plan and Guidelines for Rehabilitation
- 2. Name of applicant:** Washington State Parks and Recreation Commission
- 3. Address and phone number of applicant and contact person:**

**Applicant/Contact Person:**

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- 4. Date checklist prepared:** August 1, 2008
- 5. Agency requesting checklist:** Washington State Parks and Recreation Commission
- 6. Proposed timing or schedule (including phasing, if applicable):**

Three prior phases of preparatory Commission actions have preceded this action.

In March 2005, the State Parks and Recreation Commission adopted vision and mission statements for Fort Worden recommended by staff and the Fort Worden Advisory Committee. This action capped a six-month planning process that incorporated extensive work with Park's advisory committee, input from over 80 participants at a public workshop, and correspondence from hundreds of park visitors and conference attendees.

In August 2005, the Commission approved a planning process (planning roadmap) proposed by staff to guide a long range planning effort for the park. In addition to a planning sequence, the Commission's action included adoption of planning assumptions to serve as the basis for subsequent planning decisions. Agency staff determined that both of these Commission actions were exempt from SEPA review.

In January 2007, the Commission adopted value statements, land classifications, long-term boundary, and a series of site and facility use and development principles to guide development and administration of the park. The Commission further authorized continued planning guided by a lifelong learning concept, the preparation of architectural and site rehabilitation guidelines, and appointing a volunteer task force to explore alternative governance and management structures. The Commission actions followed a nine-month public planning effort that included three workshops to gather input from the Fort Worden Advisory Committee, park staff, and staff of non-profit organizations resident at the park as well as two evening workshops to gather additional input from the public.

The current phase of planning seeks Commission adoption of recommendations in the Fort Worden Site and Facilities Use and Development Plan and Guidelines for Rehabilitation. The proposed action will complete the non-project action, planning phase of park rehabilitation.

Overall site and building assessments analyzed and documented the existing status of infrastructure and building conditions and identified readily apparent issues. Assessments included cost estimates for a set representative upgrades and improvements from which costs for other upgrades can be derived. Also included was an analysis of existing structures, considering each structure's historic context, to identify current and potential new adaptive re-uses for each structure and to set locations in the park where new facilities and potential parking areas should be constructed to support proposed uses and in a manner that does not impact the park's cultural landscape.

From these analyses, the agency has prepared the Fort Worden Site and Facilities Use and Development Plan and Guidelines for Rehabilitation. If/when adopted by the Commission, these will become the guiding documents controlling development at Fort Worden.

Anticipated future phases of environmental review at Fort Worden will include a proposed "planned action" for the City of Port Townsend to adopt the Fort Worden Site and Facilities Use and Development Plan and Guidelines for Rehabilitation into the City's municipal code as a separate Plan Area within its Comprehensive Plan. Washington State Parks will work with the City of Port Townsend to develop and issue a supplemental Environmental Impact Statement (EIS) to review environmental impacts associated with the Planned Action. If/when adopted by the City, the planned action SEPA review will cover all anticipated developments within the park, thereby avoiding the need for further, project by project, SEPA review.

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

Yes. Adoption of the proposed Fort Worden Site and Facilities Use and Development Plan and Guidelines for Rehabilitation is a non-project action that guides and authorizes future budget requests, design and construction of park facilities, restoration of natural areas, and the adaptive reuse of existing historic buildings. Future phases of work at Fort Worden will involve the design, permitting, and construction of individual rehabilitation projects identified within the Fort Worden Site and Facilities Use and Development Plan and Guidelines for Rehabilitation. However, any future project actions depend upon securing adequate funding and regulatory approvals. Also, as mentioned above, further activity related to or connected with this proposal will require additional, project-action SEPA review. State Parks' current intention is to work with the City of Port Townsend to develop and issue a supplemental EIS for the Fort Worden Site and Facilities Use and Development Plan and Guidelines for Rehabilitation to review the environmental impacts associated with the Planned Action called for in the plan. If/when adopted, the Planned Action will allow State Parks and the City to review impacts of the plan cumulatively, thereby avoiding the need for further, project-by-project SEPA review.

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

- Fort Worden State Park Trip Generation Assessment Memorandum, The Transpo Group, May 23, 2008.
- SEPA Checklist and DNS (non-project action) for adoption of the Washington State Parks and Recreation Commission's value and mission statements, Land Classification System, long-term boundary, and a series of site and facility use and development principals. December 13, 2006.
- Fort Worden Long Range Plan, Conceptual Facilities, Programs, and Services Recommendations, prepared by PRR for Washington State Parks, 2006.
- Fort Worden Long Range Plan, Preliminary Recommendations, prepared by PRR for Washington State Parks, 2006.

- Fort Worden Long Range Plan, Options, prepared by PRR for Washington State Parks, 2006.
- Fort Worden Long Range Plan, Opportunities and Constraints, prepared by PRR for Washington State Parks, 2006.
- Critical Areas Maps, GIS Data, Jefferson County, 2006
- Priority Habitat and Species Program, GIS Data, Washington State Department of Fish and Wildlife, 2006.
- Natural Heritage Program, GIS Data, Washington State Department of Natural Resources, 2006.
- Shoreline Master Program Update, City of Port Townsend, 2005
- Flood Maps, Federal Emergency Management Agency, October 2004.
- Fort Worden National Historic Landmark Cultural Landscape: Analysis, Evaluation, and Recommendations, Washington State Parks, August 2004.
- National Wetland Inventory, GIS Data, US Fish and Wildlife Service, October 2003.
- Coastal Processes and Shoreline Change around Port Townsend: Past, Present, and Future, Port Townsend Marine Science Center and Hugh Shipman, Washington State Department of Ecology, 2003.
- Final Report. Sediment Characterization Study. Fort Worden Marina Boat Basin. Berger/Abam Engineers. March 19, 1997.
- Marine Biological Baseline Survey for Fort Worden Boat Basin. Port Townsend Marine Science Center. September 27, 1996.
- SEPA checklist and DNS (non-project action) for revision of the Washington State Parks and Recreation Commission's Land Classification System, October 1995.
- Ft. Worden Boat Basin Sedimentation, report and evaluation by Maurice Schwartz, Coastal Consultant; August 19, 1994.
- Ft. Worden Marina Silting, report and evaluation by Wolf Bauer, Shore Resource Consultant, prepared May 18, 1991.
- National Register of Historic Places Inventory – Nomination Form, Fort Worden Historic District, 1976

**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.**

Washington State Parks is upgrading sewer lift stations as part of the Puget Sound Initiative. Other than that project, there are no other proposals directly affecting the property covered by this non-project action pending governmental approvals.

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

No other approvals are necessary for the Commission to adopt the Fort Worden Site and Facilities Use and Development Plan and Guidelines for Rehabilitation.

**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.)**

Fort Worden State Park is located at the northeastern tip of the Quimper Peninsula where the Strait of Juan de Fuca meets Admiralty Inlet.

This proposal provides non-project conceptual design recommendations and guidelines for rehabilitation to guide the programming, design, and adaptive reuse of existing buildings occupying approximately 434,000 square feet of space on the existing 434-acre (18,905,040 sq.ft.) site known as Fort Worden State Park. These recommendations and guidelines were developed consistent with the vision, mission, and values

statements, land classifications, and the site and facilities use and development principles previously adopted by the Commission for Fort Worden State Park.

The review for this proposal will be phased. “Phased review” means the coverage of general matters in broader environmental documents, with subsequent narrower documents concentrating solely on issues specific to the later analysis (WAC 197-11-776). Phased review will allow State Parks to focus on decisions regarding the proposed Site and Facilities Use and Development Plan and Guidelines for Rehabilitation, values, land classifications, long-term boundary, and site and facilities use and development principles. This is the second phase of programmatic, non-project review related to park-wide rehabilitation. Subsequent phases will include environmental analysis for additional non-project and project actions when developments or other actions are proposed.

The full range of potential actions by the Commission is outlined in the Fort Worden Site and Facilities Use and Development Plan Preliminary Recommendations, June 30, 2008 and the Fort Worden Guidelines for Rehabilitation Preliminary Recommendations, June 30, 2008, which are incorporated in total by reference into this document. Persons interested in a detailed understanding of the proposal should familiarize themselves with descriptive materials in these documents. The document is available on the agency’s website: [www.parks.wa.gov/plans/ftworden2](http://www.parks.wa.gov/plans/ftworden2) or in hard copy by request. For a hard copy contact Nata Hurst at PO Box 42650, Olympia, WA 98504-2650, by phone: (360) 902-8638, or by E-mail: [nata.hurst@parks.wa.gov](mailto:nata.hurst@parks.wa.gov).

The proposal seeks Washington State Parks and Recreation Commission approval of:

- 1) Fort Worden Site and Facilities Use and Development Plan
- 2) Fort Worden Site and Facilities Guidelines for Rehabilitation

The proposal may also seek Commission authorization to select a non-profit organization with which to negotiate a memorandum of understanding setting conditions each party must meet before negotiating any long-term agreements that transfer selected management functions to the non-profit.

#### Site and Facilities Use and Development Plan

The Fort Worden Site and Facilities Use and Development Plan recommendations are for site, facility, and building reuse improvements based on business programming goals outlined in the Fort Worden State Park Business and Operations Implementation Plan prepared for the Washington State Parks and Recreation Commission by Pros Consulting and BCRA, in June 2008. The goal of the plan is to optimize park use consistent with the State Parks and Recreation Commission’s Vision and to expand use more evenly throughout the year. By following and applying the business model recommended by the plan, it is anticipated that incorporating more flexible management practices of a non-governmental managing entity into park management will improve, program and service offerings, improve financial performance, and increase philanthropic support of park facilities and operations. With such a model, State Parks will be able to significantly expand public services provided by Fort Worden State Park without necessarily increasing its operating budget subsidy.

Programming best situated to achieve expanded off-peak-season use and to achieve the vision for Fort Worden as a lifelong, year-round destination learning center could include the following additional programs:

- Photography
- Outdoor Concessionaires
- Instructional Culinary Programs
- Multi-day Natural Science Encounters

The improved park programming would help generate additional overnight stays. The following development-related improvements should be considered to support increased uses:

- Initial visitor contact and check-in improvements
- Signage and way finding improvements
- Coordination of vehicular and pedestrian circulation
- Reduce impervious surfaces consistent with protection of the cultural landscape
- Provide adequate, well-placed, designed parking for daily use and pervious overflow parking for peak use.
- Provide spaces for current and planned changes in park programming
- Upgrade accommodations and redesign to fit the desired mix of overnight accommodations
- Relocate and consolidate park administration and check-in functions to optimize operations and circulation
- Adaptively reuse existing buildings to accommodate existing and future needs of current partners and to support the strategic programming recommendations towards establishing a Lifelong Destination Learning Center
- Enhance and maintain the natural environmental qualities of this unique site
- Through adoption of the Guidelines for Rehabilitation, protect the historic nature of the park.

Fort Worden Guidelines for Rehabilitation

The purpose of the Guidelines is to help ensure retention of the park’s historical integrity and that its notable appearance remains intact as new uses are found for buildings and new development of the park is proposed.

**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.**

Fort Worden State Park is an approximately 434-acre site, located at the northeastern tip of the Quimper Peninsula where the Strait of Juan de Fuca meets Admiralty Inlet. The park is located in Sections 25, 26, 27, 34, 35, 36; Township 31 North; Range 1 West. The park address is 200 Battery Way, Port Townsend, WA 98368.

Note: The above description does not constitute a legal description of Fort Worden State Park properties, and should not be considered as such.

Please see attached Exhibit A - Park Boundaries (Existing Conditions)

Please see attached Exhibit B - Site Plan

Please see attached Exhibit C - Vicinity Map

Please see attached Exhibit D - Topographic Map

**B. ENVIRONMENTAL ELEMENTS**

**1. Earth**

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

Due in a large part to its size, the Fort Worden site encompasses many different topographic variations. In general, the main portion of the site encompasses some flat to rolling hills, sloping up from along the south

end of the property to the highest point in the park at Artillery hill, at approximately 250 feet in elevation. The north and east slopes of Artillery hill form a high-bank shoreline with vertical and near vertical cliffs down to the beach and campground areas below.

The main campus (Garrison Post), which includes most park buildings and open areas, lies below Artillery Hill to the south at about 100 feet in elevation on gently rolling slopes and constructed terraces.

A roadway at the east side of the main campus drops down to the park's beach area. The beach area is mainly flat and made up of sand spit, dunes, and filled coastal wetlands. Point Wilson Lighthouse forms the park's northeast tip but is not actually part of the park property.

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

The steepest slopes on the Fort Worden State Park site would be the north slopes of Artillery Hill including vertical and near vertical cliffs ranging from approximately 100 % to 300 % (or 45 to 70 degrees).

**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 Natural Resource Conservation Service (formally known as the Soil Conservation Service) 1975 Soil Survey for Jefferson County Area indicates that the following soils probably occur within the boundary of the park (NRCS 1975):

Map Symbol	UnitMap Unit Name	Acres in AOI	Percent of AOI
AgB	Agnew silt loam, 0 to 8 percent slopes	26.2	3.1%
CfC	Cassolary sandy loam, 0 to 15 percent slopes	10.2	1.2%
CfD	Cassolary sandy loam, 15 to 30 percent slopes	15.3	1.8%
CmC	Clallam gravelly sandy loam, 0 to 15 percent slopes	132.5	15.6%
CmD	Clallam gravelly sandy loam, 15 to 30 percent slopes	30.3	3.6%
Co	Coastal beaches	31.4	3.7%
Cu	Cut and fill land	108.1	12.7%
HuD	Hoypus gravelly loamy sand, 15 to 30 percent slopes	11.8	1.4%
HvC	Hoypus gravelly sandy loam, 0 to 15 percent slopes	12.0	1.4%
Ro	Rough broken land	4.6	0.5%
SaB	San Juan gravelly sandy loam, 0 to 8 percent slopes	77.4	9.1%
SuB	Swantown gravelly loam, 0 to 8 percent slopes	1.1	0.1%
W	Water	29.7	3.5%
Wa	Wapato silty clay loam	26.2	3.1%
Totals for Area of Interest (AOI)		851.6	100.0%

<http://websoilsurvey.nrcs.usda.gov/app/>

Please see attached Exhibit G - Soils Map

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

There is a history of landslides on the north slopes of Artillery Hill.

The sand spit forming Point Wilson is susceptible to erosion from winter storms and wave action, but has been periodically armored with riprap to protect it from constant wave action erosion. In the past, the United States Coast Guard has been proactive in maintaining and replacing the riprap, but reports have stated without

continued armament to protect the spit from erosion, the destruction of the historic Point Wilson Lighthouse is inevitable.

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

No filling or grading is proposed for this non-project action. A future project action to add ten to twelve host campsites to the existing upper campground may require grading and filling. Pathways constructed to improve accessibility of the park to people with disabilities may also require modest cutting and filling of slopes. Design of additional sites and paths will seek to minimize any grading or filling while continuing to preserve character defining features of Fort Worden's cultural landscape.

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

The proposed non-project action will not involve any clearing or construction and therefore no possibility of erosion. As is always the case with any development, it is possible that some erosion will occur as future site development activities are on-going. However, approved industry standard methods for controlling erosion will be specified and every effort will be taken to prevent and reduce erosion.

The Plan is consistent with land classifications for this park, which incorporated consideration of sensitive geological hazard areas when classifying lands for existing and planned uses, to avoid future disruptions within such areas. Future development will include appropriate location, sustainable design, and implementation of Washington Department of Ecology's Best Management Practices to prevent and reduce erosion and landslide activity.

A future project action includes clearing view corridors between gun and mortar batteries and the water so that visitors can more readily understand the historic military function of these structures. Any clearing near unstable slopes on the north slopes of Artillery Hill will require close attention to ensure removal of vegetation does not destabilize these slopes. Strategic trimming and limbing as opposed to removing vegetation should be favored with removal of vegetation only where necessary to create a visual connection from batteries to the water and allow for appropriate interpretation of the site. Revegetation of denuded areas should use low-growing plants and shrubs.

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

Adoption of the proposed Site and Facilities Use and Development plan and Guidelines for Rehabilitation will not affect the amount of impervious surfaces in the park. Future project actions may increase impervious surfaces, however, the plan also calls for removal of pavement consistent with protection of the cultural landscape. Through use of pervious paving systems and reduction of existing pavement, the plan seeks to minimize increases in impervious surfaces.

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

There are no proposed measures to reduce or control erosion associated with this non-project action.

For future development, the proposed Fort Worden Site and Facilities Use and Development Plan and Guidelines for Rehabilitation recommendations are consistent with previously adopted Site and Facilities Use and Development Principles that will guide future non-project and project actions. The principles include direction to remove unnecessary paving and to restore these areas with drought tolerant grasses, grass pavers, or other native vegetation, as appropriate and consistent with preservation of the site's historic character defining features. The principles also direct that parking capacity target typical summer/weekend demand, with peak event parking provided in areas constructed with pervious grass

pavers. Future project actions will include appropriate location to avoid geologic hazards, employ sustainable design, and the implementation of Washington Department of Ecology's Best Management Practices to prevent and reduce erosion and landslide activity.

## 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.**

No emissions to the air will result from this proposed non-project action.

During future construction, emissions to the air would include low-level increases of dust from construction activities and temporarily increased vehicle emissions from construction equipment.

It is anticipated that automobile air emissions during construction will still be well within the allowed parameters, based on current code and regulations.

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

There are no off-site sources of emissions or odor that may affect our non-project action. For future development, please note that odor from the nearby pulp mill is noticeable under specific wind conditions. Effect may be to reduce attractiveness of the park as a recreational, education, or cultural destination; however, currently the infrequency of noticeable odor in the park appears to have resulted in very little impact on the park experience.

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

No emissions to the air will result from this proposed non-project action and; therefore, no proposed measures to reduce or control emissions or other impacts to the air are warranted.

During construction, standard dust suppression measures will be utilized to limit and/or control dust. All construction equipment should be maintained in good working order as to minimize the emissions impacting the immediate surrounding environment. After construction the site will be stable; therefore, no measures to control dust or odors to the air are required.

For future development, the proposed Fort Worden Site and Facilities Use and Development Plan and Guidelines for Rehabilitation recommendations are consistent with adopted Fort Worden Site and Facilities Use and Development Principles that will guide future non-project and project actions. The principles outlined include direction to develop a transportation plan in coordination with the City of Port Townsend, optimizing mass transit, and establishing other non-motorized transportation links to destinations within the City. Exploration into the feasibility of providing an alternative fuel powered park shuttle to reduce personal vehicle use and related exhaust emissions would be greatly encouraged.

## 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.**

Fort Worden State Park has approximately 11,000 ft. of saltwater shoreline on Admiralty Inlet and the Strait of Juan de Fuca.

The Chinese Gardens, located in the southern portion of the park, hosts an unnamed freshwater pond.

According to the National Wetland Inventory (NWI) and the Washington Department of Fish and Wildlife (WDFW), the Fort Worden State Park boundaries encompass palustrine, lacustrine and marine wetlands.

Any future project actions proposed near and/or within these wetland areas will require wetland determinations, delineations, and appropriate mitigating measures.

- 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.**

There are no future plans for new development within 200 feet of shorelines at this time. Any work that may occur within shoreline areas will be in order to maintain and stabilize existing conditions. Potential work needed for the Lighthouse is not a part of the Fort Worden Site and Facilities Use and Development Plan. Any work proposed within 200 feet of a shoreline will follow proper procedure through shoreline applications with the appropriate authorities and will be in keeping with the cultural landscape and Jefferson County's Shoreline Master Program.

- 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.**

No fill or dredge material will be placed in or removed from surface water or wetlands for this non-project action.

Any future project actions proposed near and/or within surface water or wetland areas will require the appropriate wetland determinations, delineations, and appropriate mitigating measures.

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

This non-project action proposal will not require surface water withdrawals or diversions.

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

According to the Flood Insurance Rate Map, Community Panel Number 530070 00070B, Effective Date: March 15, 1982, the park is located within Zone C which is listed as areas of minimal flooding not within the 100-year floodplain.

Please see attached Exhibits H and I– Flood Map (FIRM Community Panel Number 530070 0007B)

The coastal areas show zone designations that reflect small portions of the coastline that are listed to be within the 100-year and 500-year floodplains.

- 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.**

This non-project action does not involve any discharges of waste materials to surface waters.

**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.**

No ground water will be withdrawn or discharged as a result of this non-project action. The park is connected to the City's water system.

- 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.**

No waste material will be discharged into the ground for this non-project action. The park is connected to city sewer; any future projects may increase quantities of waste discharged to the city's sewer system.

**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.**

No surface water runoff will be generated by this non-project action.

Future project actions that result in generation of stormwater runoff will include collection techniques consistent with the currently adopted 2005 Washington State Department of Ecology's Stormwater Management Manual for Western Washington.

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

No waste materials will enter ground or surface waters as a result of this non-project action.

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

The proposed Fort Worden Site and Facilities Use and Development Plan and Guidelines for Rehabilitation recommendations are consistent with adopted Fort Worden Site and Facilities Use and Development Principles that will guide future non-project and project actions. Principles include direction to reduce impervious surfaces and restore sites with drought resistant grasses, grass pavers, or other native vegetation. Specific measures to improve collection and treatment of stormwater runoff will be addressed as part of future non-project and project actions.

As proposed development occurs in future construction phases, industry standards will be in place to control surface, ground, and runoff water impacts. There are limited opportunities at the park for increasing the amount of parking, but where additional parking may be considered, highly pervious products such as Grasscrete will be considered.

**4. Plants**

**a. Check or circle types of vegetation found on the site:**

deciduous tree: alder, maple, aspen, other Apple, Ash

evergreen tree: fir, cedar, pine, other Douglas Fir, Hemlock

shrubs

grass

pasture

crop or grain

wet soil plants: cattail, buttercup, bullrush, skunk cabbage, other

X water plants: water lily, eelgrass, milfoil, other Seaweed

X other types of vegetation: Daisy, Foxglove, Lupines, Rhododendron, Rose, Berries, Ferns, Moss or Lichens, Thistle

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

Future project actions related to increasing the number of sites in the park's upper campground and clearing of viewsheds between selected military batteries and the water, will include removal of trees and vegetation. Future planning that considers relocation of the park entrance to the west gate will detail the kind and amount of vegetation that may be removed.

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

According to the Natural Heritage Program database, Washington Department of Natural Resources (DNR), current as of October 31, 2007, the Park site has not been surveyed to determine if threatened or endangered plant species exist on the site.

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

There is no landscaping, use of native plants, or other measures to preserve or enhance vegetation on the site needed for this non-project action.

For future development, the proposed Fort Worden Site and Facilities Use and Development Plan and Guidelines for Rehabilitation recommendations are consistent with adopted Fort Worden Site and Facilities Use and Development Principles that will guide future non-project and project actions. Principles direct removal of unneeded impervious surfaces and restoration of these sites with drought resistant grasses, grass pavers, or other native vegetation. Principles also direct general restoration of existing plant communities, removal of invasive plant species, and general restoration and enhancement of the site's ecological function to the extent such measures can be employed consistent with preservation of the site's character-defining historical features.

Proposed Fort Worden Site and Facilities Use and Development Plan recommendations are intended, in part, to preserve historic landscapes. In many areas, the preservation goal is to limit development, and maintain the developments which currently exist. As such, additional impacts to vegetation on site will be minimized. Vegetation may, however, be removed as part of historic landscape preservation when necessary to re-establish the landscape's historic character-defining features for interpretive and educational purposes (e.g., clearing of visual corridors from artillery batteries to the water). Any such clearing activities will be performed consistent with an interpretation, and the proposed replication, of past vegetative conditions on the site that have existed for over a century. For example, haying and removal of trees from meadows in the Chinese Gardens may be necessary to preserve the character-defining historical features of this area.

**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:  geese,  ducks,  doves,  raven,  grouse,  gulls,  hummingbirds,  jays

mammals:  deer, bear, elk, beaver, other:  foxes,  coyotes,  bobcats,  rabbits,  chipmunk,  squirrels,  weasels,  whale,  otters, other:  marine mammals common to Admiralty Inlet

fish: bass, salmon, trout, herring, shellfish, other: marine fishes of Admiralty Inlet

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

According to data obtained from WDFW Species of Concern in Washington State (October 23, 2007):

Bald Eagle (*Haliaeetus leucocephalus*): Federal - Species of Concern; State - Threatened

Purple Martin (*Progne subis*): Federal – None; State – State Candidate

Puget Sound Chinook Salmon (*Oncorhynchus tshawytscha*): Federal – Threatened; State – State Candidate

Puget Sound Steelhead (*Oncorhynchus mykiss*): Federal: Threatened; State: not reported

NOAA Fisheries indicate that the following aquatic species may be present within Admiralty Inlet/Puget Sound for portions of their lifecycle:

Puget Sound Chinook Salmon (*Oncorhynchus tshawytscha*): Federal - Threatened

Puget Sound/Strait of Georgia Coho Salmon (*Oncorhynchus kisutch*): Federal – Species of Concern

Puget Sound Sockeye Salmon (*Oncorhynchus nerka*): Federal – Not Listed

Puget Sound Steelhead (*Oncorhynchus mykiss*): Federal – Threatened

The November 2006 SEPA Checklist and Non-project action sheet for the Fort Worden area, with the DNS approval dated December 13, 2006, lists the following species known to be on or near the site:

Coastal – Puget Sound populations of Dolly Varden (*Salveninus malma*)/ Bulltrout (*S. confluentus*): Federally Threatened, State Concern.

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

Yes, the park is part of the Pacific Flyway. Marine waters of the park are migration routes for fishes and mammals that frequent the area.

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

There are no proposed measures to preserve or enhance wildlife for this non-project action.

Proposed Fort Worden Site and Facilities Use and Development Plan recommendations are consistent with adopted Fort Worden land classifications that provide protection to wildlife. Furthermore, previously adopted Site Use and Development Principles direct staff to consider restoring existing plant communities, removing invasive plant species, and to restore and enhance the site's ecological functions. The historic preservation and the resource protection goals, in this case, are to limit development of this area to its present state, thereby protecting and potentially improving existing wildlife habitat. In the southern portion of the park and along the saltwater shoreline and tidelands, the Resource Recreation classification also limits recreational activities to medium-intensity, thereby providing further protection to wildlife. Areas of the park classified as Heritage will also help protect the majority of existing habitat as part of cultural landscape preservation – principally by limiting additional development. Habitat may however be affected by future historic landscape preservation actions when necessary to re-establish the landscape's historic character defining features for interpretive and educational purposes as described in question 4d (above).

Future actions may include consideration of shoreline processes in and around Point Wilson, the Port Townsend Marine Science Center, and State Parks boat launch. Any changes in existing conditions are generally viewed as for the purpose of wildlife enhancement measures.

**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.**

No changes in energy consumption are anticipated as the result of this non-project action.

Future development projects will continue to use current sources of energy and will be used primarily for heating and the operation of equipment accessory to the uses of the buildings.

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

No impacts to the potential use of solar energy by adjacent properties will result from this non-project action.

Potential future development will be interior to the site and not located near the edges of the property, thereby having no impact on the possible use of solar energy by adjacent properties.

- 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:**

No energy conservation features are included in the plans of this non-project action.

The proposed Fort Worden Site and Facilities Use and Development Plan and Guidelines for Rehabilitation recommendations are consistent with adopted Fort Worden Site and Facilities Use and Development Principles that will guide future non-project and project actions. Principles and guidelines direct use of sustainable design and green building practices where compatible with preservation of historic character-defining features of the site or buildings. At a minimum, Washington State energy requirements will be met or exceeded when designing building shell, lighting, heating, and ventilation equipment. The potential plan of a park shuttle to pool internal vehicle trips would also reduce overall energy consumption

Energy conservation or sustainability goals for Fort Worden can be summarized as follows:

1. Improve energy efficiency without impacting historical features
2. Employ passive strategies as the first choice for energy conservation
3. Promote energy awareness among staff, partners, facilities managers and visitors using signage, training, educational programs, incentives, etc.
4. Prevent waste and restrict/manage energy use
5. Recycle all materials possible

## **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.**

This non-project action considers the future development and adaptive re-use of a number of historic structures within the park and the surrounding park area. When originally built, historic construction practices may have used hazardous materials while building the lighthouse and the fort compound, still located within current park boundaries and the potential long-term boundary. Specific quantities of hazardous materials left onsite are unknown. Future project actions will require further analysis to assure that all potential hazardous conditions are mitigated. In addition, WSPRC will follow Washington State Department of Ecology's best management practices to limit the potential for environmental health hazards.

### **1) Describe special emergency services that might be required.**

No additional or special emergency services will be required for this non-project action.

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

No measures to reduce or control environmental health hazards are proposed or needed for this non-project action. Future project actions would be subject to appropriate regulatory controls to reduce environmental hazards.

**b. Noise**

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

No types of noise will affect this non-project action.

**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.**

No changes in the existing types or levels of noise are anticipated as a result of this non-project action.

Once the Fort Worden Site and Facilities Use and Development Plan and Guidelines for Rehabilitation have been adopted, there may be a slight increase in traffic noise generated by the anticipated increased use of the site and also from the anticipated concerts and other outdoor special events. The proposed mitigation is to structure these events to end prior to park quiet hours, currently posted as 10:00 PM. It is projected that these additional traffic, concert, and outdoor special event noises will be in the range of already existing, measured noise levels and will not adversely affect the surrounding environment.

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

No measures to reduce or control noise impacts are proposed or needed for this non-project action. Noise impacts caused by future project actions will be controlled by using best management practices during construction, and enforcing quiet hours in the state park.

**8. Land and shoreline use**

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

The property is currently used as a state park and conference center. Several resident organizations (Partners) provide an array of programs to visitors including arts performances, exhibitions, and educational opportunities; higher education courses; marine science education; and interpretation of historic fortifications and the Garrison Post. The Conference Center hosts conferences in the Commons building, a 19,000 square foot meeting and dining facility, with former military barracks and officers housing providing overnight accommodations. Individuals may also rent overnight accommodations when not in use by conferences. The park includes opportunities for camping, boat launching/mooring, hiking, cycling, beachcombing, diving, swimming, crabbing, field sports, and exploration of historic artillery batteries. For more information see [www.parks.wa.gov](http://www.parks.wa.gov).

Adjacent properties are primarily residential neighborhoods with some areas of open space.

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

The Chinese Gardens area was historically used for agriculture around the 1900's. The park currently contracts haying operations on this site to maintain grass areas and reduce fire danger.

**c. Describe any structures on the site.**

The park includes over 100 structures, most built by the US Army beginning in the late 1800's and early 1900's; evolving to suit military needs until the fort was decommissioned and transferred to the Washington State Parks and Recreation Commission in the 1960's. With one or two exceptions, the buildings are for the most part one to three stories in height, all of wood frame construction.

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

No structures will be demolished as part of this non-project action.

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

The site is currently zoned "P/OS – Existing Park or Open Space"  
Please see attached Exhibit A - Park Boundaries (Existing Conditions)

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

The current comprehensive plan designation for the site is "Park"

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

The freshwater shoreline of the Chinese Gardens pond is designated Conservancy.

The saltwater shoreline along Admiralty Inlet and the Strait of Juan de Fuca are designated as a combination of Conservancy and Natural.

Please see attached Exhibit A - Park Boundaries (Existing Conditions)

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

Yes. The shoreline is listed as an environmentally sensitive area in the Coastal Zone Atlas for Jefferson County, 1978. Additionally, the City of Port Townsend classifies all shorelines as environmentally sensitive areas. The Jefferson County Shoreline Management Program identifies the beaches as "shorelines of statewide significance." Much of the site along the coast is in Jefferson County's Seawater Intrusion Policy Zone (SIPZ).

Please see attached Exhibit A - Park Boundaries (Existing Conditions).

Please see attached Exhibit E – Jefferson County Seawater Intrusion Policy Zone

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

At peak use periods, almost 200 employees of both the park and partner organizations work at the park. Fourteen individuals reside at five separate locations/residences in the park.

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

This non-project action will not displace anyone currently residing or working at the park.

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

There are no measures to avoid or reduce displacement impacts proposed or needed as part of this non-project action.

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

State Parks' intent is to work with the City of Port Townsend to review and adopt the Fort Worden Site and Facilities Use and Development Plan and Guidelines for Rehabilitation as an Area Plan in the Port Townsend Comprehensive Plan and Municipal Code. This process will ensure that the proposed plan and Guidelines for Rehabilitation are consistent with City land use plans. Further activity related to or connected with this proposal will require additional, project-action SEPA review. State Parks' current intention is to work with the City of Port Townsend to develop and issue a supplemental EIS for the Fort Worden Site and Facilities Use and Development Plan and Guidelines for Rehabilitation to review the environmental impacts associated with the Planned Action called for in the plan. If/when adopted, the Planned Action will allow State Parks and the City to review impacts of the plan cumulatively, thereby avoiding the need for further, project-by-project SEPA review.

**9. Housing**

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

No additional housing will be provided as part of this non-project action. The Fort Worden Site and Facilities Use and Development Plan identifies two additional multi-family housing units to be built to accommodate 50 temporary and full time staff on site and addition of ten to twelve additional campsites in the upper campground to accommodate park hosts. The intended housing use is apartments and/or rooms with shared restroom/bath facilities to be built in the foot of artillery hill. As far as overnight accommodations for visitors, the plan proposes a net reduction of approximately 15%.

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

No housing units will be eliminated by this non-project action.

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

Proposed Fort Worden Site and Facilities Use and Development Plan recommendations are consistent with Site and Facilities Use and Development Principles that will guide future non-project and project actions. These principles direct that housing should be provided for service level employees as well as for park staff providing on-call emergency and facilities management services. Employee housing will be provided through a combination of existing structures and constructed residences.

**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?**

This non-project action will not directly result in the construction of any new facilities.

Any future construction resulting from the implementation of the proposed Fort Worden Site and Facilities Use and Development Plan would need to be consistent with the proposed Guidelines for Rehabilitation, applicable codes, and building standards. The purpose of the proposed Guidelines for Rehabilitation is to help ensure that the notable appearance of Fort Worden remains intact as new uses are found for the buildings. Fort Worden is one of the best-preserved military posts in the Pacific Northwest, a quality recognized and reinforced by its designation as a National Historic Landmark and will be so preserved with the help of the Guidelines for Rehabilitation.

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

Not applicable. This non-project action will not directly result in the construction of any new facilities.

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

This non-project action proposes adoption of Guidelines for Rehabilitation to control future historic, sustainability, ADA, structural, utility and aesthetic decisions for rehabilitation, remodel, addition, new structure and site project impacts. Specifically the plan proposes adoption of the Guidelines for Rehabilitation to provide additional site-specific guidance for rehabilitation and use of existing structures as well as introduction of new structures in a manner that does not compromise the site's historic character-defining features. Existing policy guidance adopting the Secretary's Standards and adoption of the proposed Guidelines for Rehabilitation will provide a very high degree of protection to Fort Worden's aesthetic qualities.

Washington State Parks has adopted a cultural resource management policy that adopts the US Department of Interior, Secretary's Standards for the Treatment of Historic Properties. These standards in part provide guidance for adaptation of historic structures and landscapes in a manner that retains a site's historical integrity. Furthermore, in 2004 State Parks developed a Fort Worden National Historic Landmark Cultural Landscape: Analysis, Evaluation, and Recommendations report. The current plan under consideration is in keeping with the 2004 report, and as such will minimize aesthetic impacts, especially as it relates to the park's cultural landscape.

**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 for this non-project action.

Future project actions may result in an increase in the number of exterior lights within the developed areas of the park, as well as new facilities development the glass from which could increase glare in specific areas of the park. Future proposals will analyze potential sources of light intrusion and impacts that may be imposed on neighboring properties and activities.

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

Not applicable for this non-project action.

Future project actions may increase use of buildings, alter building uses, or propose development of new buildings. These actions may increase light produced by the park – from either vehicles or the buildings themselves. Future proposals will analyze potential sources of light and impacts they may impose on neighboring properties and activities.

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

Not applicable to this non-project action.

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

Not applicable to this non-project action.

The proposed action is in part to adopt architectural and site Guidelines for Rehabilitation to provide additional site-specific guidance for rehabilitation of existing structures as well as introduction of new structures in a manner that does not compromise the site's historic character-defining features. Proposed Guidelines for Rehabilitation consider measures to reduce and control light and glare impacts, including down lighting (special light fixtures to limit light "wash") and planned landscaping to limit light and glare intrusion on the landscape.

**12. Recreation**

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

The project site is a State Park and Conference Center with passive and active recreation opportunities.

Recreational opportunities include camping, boat launching/mooring, hiking, cycling, beachcombing, diving, swimming, crabbing, field sports, and exploration of historic artillery batteries. Several resident organizations provide an array of programs to visitors including arts performances, exhibitions, and educational opportunities; higher education courses; marine science education; and interpretation of historic fortifications and the garrison post.

The Conference Center hosts conferences in the newly constructed Commons building, a 19,000 square foot meeting and dining facility, with former military barracks and officers housing providing overnight accommodations. Individuals may also rent overnight accommodations when not in use by conferences. See [www.parks.wa.gov](http://www.parks.wa.gov) for further detail.

North Beach County Park, a small day-use park with parking area and vault toilets, lies adjacent to Fort Worden's Chinese Garden's area.

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

This non-project action will not displace any existing recreational uses, and is intended to guide future site and facility use and development in a manner intended to enhance recreational uses.

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

The Fort Worden Site and Facilities Use and Development Plan is intended to enhance and further existing recreational opportunities provided at the park. The proposed action includes adoption of the Fort Worden Site and Facilities Use and Development Plan and Guidelines for Rehabilitation to guide future non-project and project actions. The Fort Worden Site and Facilities Use and Development Plan and Guidelines for Rehabilitation are based on principles establish that "First and foremost, Fort Worden State Park will continue to function as a park for public use, including day-use recreational activities, camping, meetings, reunions and vacations."

**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.**

Yes, the original Fort Worden military reservation is an historic district designated as a National Historic Landmark and the Point Wilson Lighthouse is listed on the National Register of Historic Places.

The Chinese Gardens is also a significant cultural landscape, but has not been designated or proposed as a local, state, or national historic site.

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

Fort Worden State Park's historic features are best recorded in the National Register of Historic Places Inventory on the actual nomination form used to nominate the Fort Worden Historic District. (This document is available upon request at the Department of Archaeology and Historic Preservation Website) The nomination includes a detailed description of the district and its historically significant structures, buildings, and other attributes.

Washington State Parks has also prepared a historic landscape character map and recommendations for treatment of the parks historic landscapes. This document is also available upon request.

The State Department of Archaeology and Historic Preservation records indicate the presence of one prehistoric archaeological site at Fort Worden. State Parks staff also presumes the presence of historic archaeological deposits related to pre-fort and fort construction and use throughout the park. Fossil remains are known to erode from the park's high coastal bluffs along the Strait of Juan de Fuca.

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

This non-project action expressly proposes adoption of Guidelines for Rehabilitation to control future historic, sustainability, ADA, structural, utility and aesthetic decisions for rehabilitation, remodel, addition, new structure and site project impacts.

For future non-project and project actions, the park will continue to operate under a cultural resource management policy that adopts the US Department of Interior, Secretary's Standards for the Treatment of Historic Properties. These standards in part provide guidance for treatment of historic structures and landscapes in a manner that retains a site's historical integrity. Furthermore, the Fort Worden Site and Facilities Use and Development Plan calls for the adaptive reuse of many of the historic structures at Fort Worden State Park. Adaptive reuse is an understood and accepted historic preservation management tool used to promote facility heating and use necessary for the long-term maintenance and care of structures in our climate.

Most of the park is classified as a Heritage Area and this classification sets preservation of historic buildings and landscapes as the site's primary management direction. This classification is the most protective of historic and cultural resources. Sites and building may be adapted or otherwise modified, provided the integrity of the site's historic character-defining features is not compromised.

The southern portions of the park are classified as Resource Recreation Area. This classification limits uses to low-to-medium-intensity activities and developments, yet also requires the protection of historic features and landscapes.

The proposed action calls for the adoption of the Guidelines for Rehabilitation to provide additional site-specific guidance for the rehabilitation of existing structures as well as for the introduction of new structures in a manner that does not compromise the site's historic character-defining features.

Existing policy guidance adopting the Secretary's Standards, the land classifications, and adoption of site-specific Guidelines for Rehabilitation will provide a very high degree of protection to Fort Worden's historic and cultural resources.

#### **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 primary access to Fort Worden is through the main gate located on W Street. The secondary access includes the park's east gate, also off of W Street, and the west gate, off of Spruce Street. However, both secondary access points are currently closed and used only for emergency vehicles.

No additional accesses are proposed as part of this non-project action. A future decision to retain the existing primary access through the main gate or to change primary access to the west gate will not affect building uses within the proposed Site and Facilities Use and Development Plan. This includes the proposed use of buildings #300, #304, and the USO building for park administration, check-in, and visitor orientation. There will be a collaborative effort between Fort Worden, the City of Port Townsend, and the citizens to evaluate design options, potential impacts and determine appropriate mitigation measures regarding the possible opening of the west gate entrance at a future date.

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

Yes, Fort Worden is served by Jefferson Transit (Route #12 – Fort Worden). Jefferson Transit currently stops at three locations within the park.

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

The proposed Fort Worden Site and Facilities Use and Development Plan includes parking improvements to support recommended programming, adaptive reuse of existing buildings, and new buildings. Future non-project and project actions will be guided by this plan. The Fort Worden Site and Facilities Use and Development Plan recommends permanent on-site parking be provided to meet typical summer parking demand. Overflow parking is proposed to accommodate heavier demand periods (e.g. summer weekends and during special events). Overflow areas are generally located on lawns currently used for this purpose, but will be specially improved with Grasscrete or similar engineered surface that can be driven on, has the appearance of grass, and is pervious to rainwater.

Fort Worden has 806 existing paved and striped parking spaces. The proposed Site and Facilities Use and Development Plan calls for development of almost 200 additional paved car spaces and 6 new RV-length spaces. This includes about 48 new paved car spaces and 6 paved RV spaces to serve the relocated administration/check-in area; 110 spaces serving the west campus (special program development zone); and 39 spaces north of road No. 10 in and around buildings #296, #297, and #313 (see attached map for details). The plan proposes paving 32 existing unpaved spaces. The proposed plan also formalizes overflow parking for peak use periods, adding capacity for an additional 160 vehicles.

The above figures are intended to provide a general estimate of additional parking needed to support the building use types proposed in the Site and Facilities Use and Development Plan. Specific parking requirements, including the number of spaces for people with disabilities, will be determined as particular uses are specified for individual buildings and rehabilitation or development projects are undertaken.

**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).**

As described earlier, the Fort Worden Site and Facilities Use and Development Plan initially contemplated rerouting access to the West gate. However, a number of concerns were expressed during the planning process and the planning team agreed that any decision on improving the west gate entrance required further discussions and planning. The planning team agreed that State Parks would work with the City of Port Townsend and interested citizens to evaluate design options, analyze potential impacts and determine appropriate mitigation measures for any proposal to open the west gate at some future date.

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

The Fort Worden Site and Facilities Use and Development Plan does not contemplate using water, rail, or air transportation. However, an existing boat launch, pier, mooring floats, and mooring buoys are located at the beach area and provide water access to the park. The nearest ferry transportation to the park is the Port Townsend Keystone Ferry that is located approximately 2 miles due south of the park off of Water Street. The nearest rail transportation is the Burlington Northern Santa Fe (BNSF) line that runs north/south from Canada to Ferndale, through Everett, Seattle, and Centralia, on to Vancouver and into Portland, Oregon. Crossing Puget Sound, the railroad is approximately 30 miles from Fort Worden State Park, but to actually access the railroad system, it is substantially further. The nearest air transportation is Jefferson County Airport located approximately 6 miles to the south-southwest of Port Townsend.

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

Future non-project and project actions may result in increased use of park facilities and increased number of vehicle trips per day on local roads. As currently is the case, peak volumes would likely occur on summer weekends and during special events. However, the Fort Worden Site and Facilities Use and Development Plan was designed with the objective of increasing park use by programming outside of peak times. The long range growth plans for Fort Worden State Park include developing programs that will level or stabilize the attendance levels throughout the year. This is intended to minimize the peaking effect that currently occurs during the summer by attracting visitors during the slower non-summer months.

Based on the anticipated programming, the attendance levels are projected to increase by between two (2) and four (4) percent in the non-summer months. A two to four percent increase equates to approximately 1,950 to 5,650 more visitors per month, or 65-190 visitors per day in the non-summer months. Presuming .43 trips per visitor, this would result in an increase of between 28-82 vehicle trips per day. Traffic models indicate that approximately 11% of daily trips occur during PM peak hour. This results in an estimated increase of 3-9 trips during the PM peak hour during the non-summer months as a result of the projected increase in use of the park.

The Fort Worden Site and Facilities Use and Development Plan does not recommend an increase in visits during peak summer use times. Improvements in accommodations may have some tendency to increase summer attendance levels slightly.

Due to the popularity of the Olympic Peninsula for summer tourist and recreational travel, summer traffic is 10 to 15 percent greater than shoulder season traffic. Based on this assumption and the objective to increase off-season and shoulder season use while keeping peak-season programming relatively the same, attendance levels during the non-summer months would have to increase traffic loads on the adjacent streets by a minimum of 10 percent during the PM peak hour to have any impact to the operations evaluated in the City of Port Townsend's Draft Transportation Functional Plan. An increase of 3-9 peak hour trips would not be significant.

Furthermore, the model and resulting transportation plan accounts for a growth in PM peak hour traffic of approximately 151 vehicular trips (83%) growth from Fort Worden during the summer months. Even if the anticipated levels of growth (2-4%) would occur during the peak summer months it would be significantly lower than the additional 151 PM peak hour vehicle trips that were assumed and accounted for in the Draft Transportation Functional Plan.

This would indicate that the transportation impacts from the proposed development could be mitigated through the implementation of the long-range transportation improvements identified in the Draft Transportation Functional Plan.

Please see attached Exhibit F - Fort Worden State Park Trip Assessment Memorandum, The Transpo Group, May 23, 2008.

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

Many of the improvements identified in the City of Port Townsend's Draft Transportation Functional Plan are unfunded, so it is likely that Fort Worden State Park may be required to contribute its fair share towards those improvement projects that are along the primary access routes to the Park as developments in the park impact traffic. State Parks has discussed such an arrangement with the City, and will continue to discuss the mechanics of such an arrangement as the agency develops its Planned Action for adoption into the City's Comprehensive Plan.

Additional measures to mitigate impacts could include the development of a transportation management plan, which could include a way finding program that would direct traffic to specific arterials away from residential areas, encouraging the use of non-motorized travel through the development of bike lanes, trails, and sidewalks around the park, and completing an event management plan to address access and parking for special events.

The Fort Worden Site and Facilities Use and Development Plan initially contemplated rerouting the main park access to the park's west gate. However, public concern about safety, cost, and potential impacts to natural features, the Peace Mile Trail experience, and neighboring communities, has led the agency to remove this provision from the plan as currently proposed. Instead, State Parks intends to work with the City of Port Townsend and interested members of the public to consider the advantages and disadvantages of entrance relocation as part of a separate, more detailed evaluation process. This evaluation will consider safety, cost, potential impacts to site natural and cultural resources, and traffic-related effects on adjacent neighborhoods, as well as appropriate mitigation measures. Environmental review for entrance relocation will be completed as a future project action or as part of a future "planned action" as described earlier.

Future decisions regarding entrance relocation do not however affect the proposed relocation of park administration and visitor check-in to the USO, Bakery, and Guardhouse complex or any other provisions in the proposed Site and Facilities Use and Development Plan.

**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.**

This non-project action will not result in an increased need for public services.

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

There are no proposed measures warranted for this non-project action to reduce or control direct impacts on public services.

Park staff will continue to coordinate emergency response with local fire, police and EMS. Park rangers will continue to provide law enforcement and patrol activities for the state park. All facilities will comply with building codes regarding fire prevention and control.

**16. Utilities**

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

Wi-Fi internet access is also available at portions of the site.

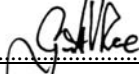
**b. Describe the utilities that are proposed for the project, the utility providing the service, and the general construction activities on the site or in the immediate vicinity which might be needed.**

There are no utilities proposed for this non-project action.

Future non-project and project actions may result in additional use of existing utilities, such as water, electric, and sewer.

**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: June 30, 2008

**Attachments:**

- Exhibit A - Park Boundaries (Existing Conditions)
- Exhibit B - Site Plan
- Exhibit C - Vicinity Map
- Exhibit D - Topographic Map
- Exhibit E - Jefferson County Seawater Intrusion Policy Zone
- Exhibit F - Fort Worden State Park Trip Assessment Memorandum, The Transpo Group, May 23, 2008
- Exhibit G - Soils Map
- Exhibit H - Flood Map (FIRM Community Panel Number 530040 0007 B)
- Exhibit I - Flood Map Legend

## **D. SUPPLEMENTAL SHEET FOR NONPROJECT ACTIONS**

### **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 Fort Worden Site and Facilities Use and Development Plan and Guidelines for Rehabilitation and adopted site and facilities use and development principles and land classifications will serve to guide existing and continuing development and use of the park. It is likely that recreational uses could increase in areas classified as Recreation and Heritage. The Fort Worden State Park planning documents attempt to manage recreational uses and developments to minimize impacts in these areas. Through the various planning processes, State Parks has identified additional structures and infrastructure to control impacts caused by increased use of the park. However, additional development could result in a net increase in impervious surfacing associated with buildings, hard trails, roads, and parking areas. Such development could cause a localized increase in storm water discharges. Likewise, it is likely that increased vehicular uses would cause a minor localized increase in automobile emissions. Increased human use of the park could cause a net increase in human waste and noise levels above that which currently exists. Also, as stated previously, the adaptive re-use of buildings may uncover toxic materials common in historic construction. State Parks anticipates finding such materials in capital improvement projects dealing with historic structures, and has experience in controlling and/or abating impacts associated with toxic or hazardous substances.

#### **Proposed measures to avoid or reduce such increases are:**

Adoption of the proposed non-project action will provide direction on future development and the use of Fort Worden State Park. The Fort Worden Site and Facilities Use and Development Plan and Guidelines for Rehabilitation and adopted facility use and development principles and the guidelines of proposed land classifications are intended, in part, to avoid or reduce impacts to these specific elements of the environment. As part of future site and facilities design, for projects identified in the plan, specific measures will be taken to further avoid or reduce increases in the discharge of materials to the environment. Specifically, new parking will be designed so that storm water runoff is directed to grassy swales for bio-filtration and infiltration and other measures will be taken to ensure all such development will be in compliance with local government stormwater regulations and best management practices. Additional sanitary facilities could be installed for collection of human waste. Such facilities would be routinely maintained and connected to the city sewer system and facilities.

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

The proposal will likely have no direct and immediate affect on plant, animals or other marine life, beyond that occurring through existing recreational uses. Finding the optimum balance between the protection of natural systems and public recreational access to those natural systems is the basis for adopted land classification and management planning, is consistent with the vision and mission statements for the park, was a cornerstone of the planning roadmap's guiding principles, and is reflected in the current proposal. The application of Fort Worden Site and Facilities Use and Development Plan and Guidelines for Rehabilitation confirms State Parks' stewardship role to protect the natural systems of state park areas while accommodating increased demand for parks and open space.

Proposed addition of ten to twelve additional host campsites to the upper campground may require significant removal of vegetation. A number of public planning participants have expressed specific concern over this possibility. Consequently, agency staff has agreed to work with interested members of the public during the design of campground improvements to minimize removal of trees and vegetation. If necessary, a small number of additional host sites may be developed in concert with staff housing at the base of Artillery Hill. This would require retention of some host sites in their present suboptimal location until the new staff housing that incorporates necessary support facilities (e.g., restrooms and showers) is constructed.

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

One goal of the proposed Fort Worden Site and Facilities Use and Development Plan and Guidelines for

Rehabilitation is to preserve the quality of the natural, cultural, and historic resources of the park. All recommendations recognize the importance of preserving the quality of the natural resources within the park, including wildlife, while allowing for appropriate levels of human use. Efforts will be made to minimize habitat loss by locating future developments in areas previously disturbed or in areas with low habitat value. Continued consultation with WDFW Area Habitat Biologists will reduce site-specific impacts to wildlife species through implementation of management recommendations. Furthermore, staff will undertake more detailed inventories prior to any project to assure park development does not impact the park's natural or cultural resources.

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

The proposal is unlikely to have a direct effect on energy or natural resources except in improving the parks attractiveness as a recreational and educational destination.

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

The proposed Guidelines for Rehabilitation include the use of sustainable design and green building practices where compatible with preservation of historic character-defining features of the site or buildings. The Fort Worden Site and Facilities Use and Development Plan also recommends the exploration of a park shuttle to pool internal vehicle trips and; therefore, reduce overall energy consumption. Recommendations encourage pedestrian and bicycle circulation within the park and improving vehicular circulation and way-finding to minimize unnecessary vehicular trips within the park. Recommendations consolidate Park administration and should reduce trips by staff. Check-in functions are recommended to be more efficient to reduce unnecessary traffic and idling on the part of campers and others checking into overnight accommodations. Although the majority of the park will continue to be managed as recreation/open space, the energy conservation principles will help improve the efficiency of lighting, heating, and transportation energy demands.

**4. How would the proposal be likely to use or affect environmentally sensitive areas or areas designated (or eligible or under study) for governmental protection; such as parks, wilderness, wild and scenic rivers, threatened or endangered species habitat, historic or cultural sites, wetlands, floodplains, or prime farmlands?**

The proposal is consistent with adopted land classifications designated for protection of natural systems, as well as priority habitat and species. The proposed Fort Worden Site and Facilities Use and Development Plan and Guidelines for Rehabilitation are consistent with site and facilities use and development principles which direct protection, restoration, and enhancement of natural systems and ecological function in areas classified as Heritage to the extent compatible with preservation of the site's historic character-defining features. Parks will also avoid unmitigated development in unstable soil areas and sites of important historic and cultural significance. Development and use of the park will provide access to certain lands and shoreline areas, but will only occur as approved and/or conditioned by local shoreline and land use ordinances.

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

Continued public ownership and the proposed Fort Worden Site and Facilities Use and Development Plan and Guidelines for Rehabilitation consistent with adopted site and facility use and development principles and land classifications will accomplish many of the aims noted above. Any future developments will be subject to regulations administered by federal, state, and local governments. All required permits and approvals would be obtained prior to any development. A management plan should be developed and implemented to further identify management issues and appropriate mitigation measures to minimize impacts and protect sensitive resources. State Parks will work closely with regulating agencies to ensure compliance with their rules and ordinances.

**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 does not represent a significant change to shoreline or land use.

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

State Parks will work closely with federal, state, and local governmental agencies to assure compatible management objectives on all State Parks' owned and/or managed lands. Furthermore, as stated previously, State Parks intends to work with the City of Port Townsend to review and adopt the Fort Worden Site and Facilities Use and Development Plan and Guidelines for Rehabilitation as an Area Plan in the Port Townsend Comprehensive Plan and Municipal Code.

This process will ensure that the proposed plan and Guidelines for Rehabilitation are consistent with City land use plans. State Parks' will work with the City of Port Townsend to develop and issue a supplemental EIS for the Fort Worden Site and Facilities Use and Development Plan and Guidelines for Rehabilitation to review the environmental impacts associated with the Planned Action called for in the plan. If/when adopted, the Planned Action will allow State Parks and the City to review impacts of the plan cumulatively, thereby avoiding the need for further, project-by-project SEPA review.

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

The proposed Fort Worden Site and Facilities Use and Development Plan and Guidelines for Rehabilitation will direct future site and facilities use planning at the park. Although the plan and guidelines include numerous conservation measures, the intent of the planning effort is to increase use of the park, consistent with the park's business plan, and to help create greater efficiencies in the pursuit of recreation at the park. As the Commission plans for increases in recreational use, it is intuitive that such increases in use are likely to increase demands on transportation, public services, and utilities. However the principle intent of recommendations is, to the greatest extent possible, direct increased use away from peak periods, thereby not increasing the overall strain on existing conditions. Also, plan recommendations reflect existing and previously planned development patterns and desired management intent to reduce impacts. As such, minimal increases in these services are anticipated by its adoption.

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

State Parks staff has developed/coordinated law enforcement and emergency response plans with local emergency service departments and county sheriff departments. Access for emergency vehicles has been provided to certain areas of the park. Park rangers will continue to patrol the park on a routine basis and provide emergency response and law enforcement when in the area. Furthermore, State Parks staff has worked with City staff during the site and facilities use planning effort to assure any increased demands on transportation, public services, and/or utilities can be accommodated or impacts mitigated.

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

The proposal does not appear to be in conflict with any known local, state, or federal laws or requirements for protection of the environment. State Parks' has engaged the City of Port Townsend regarding the development and incorporation of a Planned Action for the Fort Worden Site and Facilities Use and Development Plan and Guidelines for Rehabilitation within the City's Comprehensive Plan. If/when adopted, the Planned Action will allow State Parks and the City to review impacts of the plan cumulatively, thereby avoiding the need for further, project-by-project SEPA review.