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SEPA 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 Non-Project Proposals:

Complete this checklist for non-project proposals, even though questions may be answered "does not apply." In addition, complete the supplemental sheet for non-project actions (part C).

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

A Background

- 1 Name of proposed project, if applicable:
Lily Point Marine Park
- 2 Name of applicant: Whatcom County Parks & Recreation Department
Applicant phone number: 360.733.2900
Applicant address: 3373 Mount Baker Highway, Bellingham, WA 98226
- 3 Contact name: Rod Lamb
Contact phone number: 360.733.2900
Contact address: 3373 Mount Baker Highway, Bellingham, WA 98226
- 4 Date checklist prepared: May 4, 2011
- 5 Agency requesting checklist: Planning & Development Services
- 6 Proposed timing or schedule (including phasing, if applicable):
The project will begin in the summer of 2011 and completed by the end of 2011.
- 7 Do you have any plans for future additions, expansion, or further activity related to or connected with this proposal? Yes No
If yes, explain:
- 8 List any environmental information you know about that has been prepared, or will be prepared, directly related to this proposal:
A Geomorphic and Slope Stability Assessment Report, a Geotechnical Engineering (Soils) report, a cultural resources assessment, and wetland reconnaissance have been completed as part of the proposed park improvement.
- 9 Do you know whether applications are pending for governmental approvals of other proposals directly affecting the property covered by your proposal?
Yes No
If yes, explain.
- 10 List any government approvals or permits that will be needed for your proposal, if known.
Revocable Encroach Permit, SEPA Checklist, Fill & Grade Permit, NPDES Construction-Stormwater Permit NPDES General Stormwater Permit WDFW Bald Eagle Management Plan.

- 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.)

Parks proposes to develop a 30car parking lot and trailhead at the Lily Point Marine Park. The parking lot will serve recreational trails within the Park. Also, existing trails throughout the site will be improved, while others will be abandoned and restored to a natural state.

- 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.

Lily Point Marine Park is located on APA Road in Point Roberts, WA (T40N R3E). The tax parcel number is 405312205437.

B Environmental Elements

1 Earth

- a. General description of the site:

- Flat
- Rolling
- Hilly
- Steep Slopes
- Mountainous
- Other

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

100%

- 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 site consists of gravelly sandy loam (51-Everett complex, 2-8% slopes; 111-Neptune very gravelly sandy loam; and 3-Briscot-Oridia silt loam).

- d. Are there surface indications or history of unstable soils in the immediate vicinity? Yes No

If so, describe.

The eastern edge of the project site contains steep and erosive bluff formations. (See Slope Stability Report prepared by Element solutions).

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

Approx. 1,500 CY excavation of forest duff to be reused on-site for landscape restoration & soil amendment. Approx. 1,500 CY of on-site native gravel borrow stockpile to be used for the parking. +

Indicate source of fill.

Fill material consists of existing on-site material and imported material. Imported material will be from a qualified gravel supplier.

- f. Could erosion occur as a result of clearing, construction, or use? Yes No

If so, generally describe.

Site construction will require removing surface vegetation within the development areas, temporarily exposed soils pose an erosion risk.

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

Less than one percent (239.34 acre project site, 1.9 acres of paved parking and trails.

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

Vegetation will be preserved to the extent most practicable. A TESC plan will be implemented during construction and disturbed areas will be re-vegetated with native vegetation.

2. Air

- a. What types of emissions to the air would result from the proposal (i.e., dust, automobile, odors, or industrial wood smoke) during construction and when the project is completed?

Equipment emissions and dust

If any, generally describe and give approximate quantities if known.

Unknown.

- b. Are there any off-site sources of emissions or odor that may affect your proposal? Yes No

If so, generally describe.

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

During construction dust will be controlled by BMP C123, and BMP C140 as described in DOE Stormwater Management Manual for Western WA, Vol. 2 - Construction Stormwater Pollution Prevention.

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)? Yes No

If yes, describe type and provide names. If appropriate, state what stream or river it flows into.

Boundary Bay

- (2) Will the project require any work over, in, or adjacent to (within 200 feet) the described waters? Yes No

If yes, please describe and attach available plans.

Trail construction in the upland areas and an improved beach access trail will occur within 200' of Boundary Bay.

- (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. None. Not applicable

- (4) Will the proposal require surface water withdrawals or diversions? Yes No

Give general description, purpose, and approximate quantities if known.

Does the proposal lie within a 100-year floodplain?

Yes No

If so, note location on the site plan.

(5) Does the proposal involve any discharges of waste materials to surface waters?

Yes No

If so, describe the type of waste and anticipated volume of discharge

b. Ground

Will ground water be withdrawn, or will water be discharged to ground water? Yes No

Give general description, purpose, and approximate quantities if known.

Runoff generated from the parking area will be infiltrated for treatment & flow control in accordance with the 2005 D.O.E. Stormwater Management Manual.

(1) 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.

An on-site Sewage System (OSS) drainfield that is proposed to be 840 square feet in size. The configuration of the drainfield will be 10 feet in width and 84 feet in length. The proposed OSS is to serve the proposed restroom facility and accommodate 175 users per day.

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).

Stormwater runoff will be generated by the asphalt driveway, gravel access road and parking area. It will be collected & infiltrated or fully dispersed in accordance with the 2005 D.O.E. Stormwater Management Manual.

Where will this water flow? On-site vegetated buffers.

Will this water flow into other waters? Yes No

If so, describe.

(2) Could waste materials enter ground or surface waters?

Yes No

If so, generally describe.

Accidental spills, independent of this proposal could occur. This potential however is not increased by this proposal.

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

Appropriate stormwater strategies identified in Vol. 5-Runoff Treatment BMPs of DOE Stormwater Management Manual for Western WA will be implemented to address increased surface runoff.

4 Plants

a. Check types of vegetation found on the site:

- Deciduous tree: alder, maple, aspen, other
- Evergreen tree: fir, cedar, pine, other
- Shrubs
- Grass
- Pasture
- Crop or grain
- Wet soil plants: cattail, buttercup, bullrush, skunk cabbage, other
- Water plants: water lily, eelgrass, milfoil, other
- Other types of vegetation

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

Approximately 0.70 acres of trees and shrubs will be removed within the clearing limits of the project

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

None of the Washington State threatened or endangered plant species listed in the Federal Register are known to be on or near the Park site

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

Native plants will be used to restore disturbed areas associated with park development.

5. Animals

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

Birds:

- | | |
|--|--|
| <input checked="" type="checkbox"/> Hawk, | <input checked="" type="checkbox"/> Heron, |
| <input checked="" type="checkbox"/> Eagle, | <input type="checkbox"/> Songbirds; |
| <input type="checkbox"/> Other: | |

Mammals:

- | | |
|---|----------------------------------|
| <input checked="" type="checkbox"/> Deer, | <input type="checkbox"/> Bear, |
| <input type="checkbox"/> Elk, | <input type="checkbox"/> Beaver; |
| <input type="checkbox"/> Other: | |

Fish:

- | | |
|--|--|
| <input type="checkbox"/> Bass, | <input checked="" type="checkbox"/> Salmon, |
| <input checked="" type="checkbox"/> Trout, | <input checked="" type="checkbox"/> Herring, |
| <input type="checkbox"/> Shellfish; | <input type="checkbox"/> Other: |

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

Bald Eagle, Marbled murrelet, Orcinus orca, Harbor Seal, Pacific Herring, sand lance and smelt spawning.

- c. Is the site part of a migration route? Yes No

If so, explain.

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

Parks has coordinated with WDFW regarding sensitive eagle habitat. WDFW has issued a Bald Eagle Management Plan with specific conditions that Parks will fully implement. +

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.

Electricity will be used to provide power to the future restroom.

b. Would your project affect the potential use of solar energy by adjacent properties? Yes No

If so, generally describe.

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:

A single light on the outside of the future restroom structure will be controlled by photovoltaic switch, and interior lights will be controlled by a motion sensor to come on only when in use.

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? Yes No

If so, describe.

Risk of fires exist on the property currently. Risk may continue when the park is developed, however we expect risks will be reduced by active park oversight and management.

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

Not applicable

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

Park regulations prohibit fires in the park, such rules will be posted at the trailhead.

b. Noise

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

Traffic noise from APA Road, although this appears to be minimal.

- (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.

APA Road could experience an increase in traffic and thereby increase the total traffic noise associated with the roadway.

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

None.

8 Land and Shoreline Use

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

TZ - Transition R5A/RR1 and RR(1) - Rural Residential 1 unit/Acre

- b. Has the site been used for agriculture? Yes No
If so, describe.

- c. Describe any structures on the site.

An Access gate is located at the existing gravel roadway. A historic water tank is also located in the former APA cannery near the shoreline in the southern portion of the project. +

- d. Will any structures be demolished? Yes No
If so, what?

The access gate will be relocated further south to allow for access to the proposed parking lot.

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

Urban Residential (UR3), Commercial Forestry (CF), Rural Forestry (RF)

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

Resort / Recreational Subdivisions

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

Natural

- h. Has any part of the site been classified as an "environmentally sensitive" area? Yes No

If so, specify.

The project area contains known Bald Eagle nest trees.

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

N/A

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

None

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

N/A

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

The Lily Point Marine Park has been conceived and designed as a low-impact modest park development. The proposed parking area will better serve an existing user group that currently use the resource.

9 Housing

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

N/A

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

N/A

- High
 Middle
 Low-income

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

N/A

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?

The future restroom facility is approximately 15' tall. It's exterior surfaces are earth-tone colored concrete walls and roof structure.

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

The parking area is buffered by a vegetated strip from the adjacent cemetery, however once constructed the parking lot will be partially visible from APA Road.

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

Native plants will be used to screen the parking area.

11 Light and Glare

- a. What type of light or glare will the proposal produce? What time of day would it mainly occur?

The future restroom will include a single outdoor light for security purposes, however the light will not intrude on adjacent properties.

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

No.

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

N/A

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

None.

12 Recreation

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

The proposed parking area is explicitly designed to provide access to the recreation resources of the Lily Point. Recreational activities include hiking, biking, and wildlife viewing.

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

No.

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

The parking area will provide safe & accessible visitor access the to the park.

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, Lily Point is located within the larger Chelh'tenem National Register Eligible Property, (See Archaeological Assessment, prepared by Drayton Archaeological Research).

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

See Archaeological Assessment, prepared by Drayton Archaeological Research.

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

Parks will provide on-site archaeological monitoring during earth disturbing activities, and will implement Cultural Resource Management Recommendations outlined by Drayton Archaeological Research.

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.

APA Road (See attached plan).

- b. Is site currently served by public transit? Yes No

If not, what is the approximate distance to the nearest transit stop?

More than 1 mile. Point Roberts is not served by public transit.

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

30 parking spaces would be added, none will be eliminated.

- d. Will the proposal require any new roads or streets, or improvements to existing roads or streets, not including driveways? Yes No
If so, generally describe (indicate whether public or private).

An improved driveway approach will be required as part of this park development.

- e. Will the project use (or occur in the immediate vicinity of)

- Water,
 Rail, or
 Air transportation?

If so, generally describe.

N/A

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

60

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

Bicycle Parking will be provided on site.

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)?

Yes No

If so, generally describe.

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

N/A

16 Utilities

- a. Check utilities currently available at the site:

- | | |
|--|--|
| <input checked="" type="checkbox"/> Electricity, | <input type="checkbox"/> Natural gas, |
| <input checked="" type="checkbox"/> Water, | <input type="checkbox"/> Refuse service, |
| <input checked="" type="checkbox"/> Telephone, | <input type="checkbox"/> Sanitary sewer, |
| <input type="checkbox"/> Septic system, | <input type="checkbox"/> Other. |

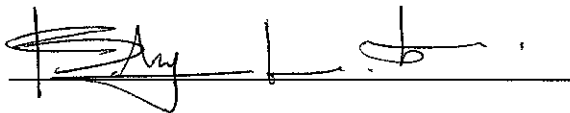
- b. Describe the utilities that are proposed for the project, the utility providing the service, and the general construction activities on the site or in the immediate vicinity which might be needed.

The future restroom will be connected to water and electricity. An on-site septic system will be installed as part of the proposed park improvements.

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: _____

A handwritten signature in black ink, appearing to be "S. J. L.", written over a horizontal line.

Date Submitted: 5.4.11

C Supplemental Sheet for Non-project 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 measures to avoid or reduce such increases are:

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

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

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

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

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?

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

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?

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

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

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

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

Additional information related to question B.1.e.

Trail improvement and construction grading will include the following:

- 1) Trail abandonment and plant re-establishment = 206 c.y.
- 2) Hiking Trails (6' width) = 387 c.y.
- 3) Multi-Use Trail (8-10' width) = 506 c.y.