

SEPA ENVIRONMENTAL CHECKLIST

Purpose of checklist:

Governmental agencies use this checklist to help determine whether the environmental impacts of your proposal are significant. This information is also helpful to determine if available avoidance, minimization or compensatory mitigation measures will address the probable significant impacts or if an environmental impact statement will be prepared to further analyze the proposal.

Instructions for applicants:

This environmental checklist asks you to describe some basic information about your proposal. Please answer each question accurately and carefully, to the best of your knowledge. You may need to consult with an agency specialist or private consultant for some questions. You may use "not applicable" or "does not apply" only when you can explain why it does not apply and not when the answer is unknown. You may also attach or incorporate by reference additional studies reports. Complete and accurate answers to these questions often avoid delays with the SEPA process as well as later in the decision-making process.

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.

Instructions for Lead Agencies:

Please adjust the format of this template as needed. Additional information may be necessary to evaluate the existing environment, all interrelated aspects of the proposal and an analysis of adverse impacts. The checklist is considered the first but not necessarily the only source of information needed to make an adequate threshold determination. Once a threshold determination is made, the lead agency is responsible for the completeness and accuracy of the checklist and other supporting documents.

Use of checklist for nonproject proposals:

For nonproject proposals (such as ordinances, regulations, plans and programs), complete the applicable parts of sections A and B plus the [SUPPLEMENTAL SHEET FOR NONPROJECT ACTIONS \(part D\)](#). Please completely answer all questions that apply and note that the words "project," "applicant," and "property or site" should be read as "proposal," "proponent," and "affected geographic area," respectively. The lead agency may exclude (for non-projects) questions in Part B - Environmental Elements –that do not contribute meaningfully to the analysis of the proposal.

A. Background [\[HELP\]](#)

1. Name of proposed project, if applicable:

Be'er Sheva Park Improvements: The project has two phases: an upland park improvement project ("Upland Phase"), and a riparian and aquatic restoration project

("Riparian and Aquatic Phase"). Where the phase is not specified below, the answer applies to both phases of the project.

2. Name of applicant:

Seattle Parks and Recreation

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

300 Elliott Avenue West, Suite 100, Seattle WA 98119

4. Date checklist prepared:

Upland Phase: 5/21/2019

Riparian and Aquatic Phase: 3/1/2021

5. Agency requesting checklist:

Seattle Parks and Recreation

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

Upland Phase: Fall 2021 to Spring 2022

Riparian and Aquatic Phase: Work will be performed during the approved work window for fish protection in Lake Washington (July 16 – December 31), likely in 2022

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

Upland Phase: No.

Riparian and Aquatic Phase: No.

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

Upland Phase: Site Workshop. 2016. Be'er Sheva Park Improvements Schematic Design Report.

Riparian and Aquatic Phase: None.

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.

Upland Phase: No.

Riparian and Aquatic Phase: No.

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

- Master Use Permit: Shoreline Substantial Development Permit

Riparian and Aquatic Phase Only:

- Hydraulic Project Approval (HPA)
- USACE Section 404 Permit
- Section 401 Water Quality Certification

- City of Seattle Biological Evaluation to satisfy Endangered Species Act requirements
11. Give brief, complete description of your proposal, including the proposed uses and the size of the project and site. There are several questions later in this checklist that ask you to describe certain aspects of your proposal. You do not need to repeat those answers on this page. (Lead agencies may modify this form to include additional specific information on project description.)

The project will provide park improvements designed to draw people into the park, enhance connectivity through the park with new paths, add new community amenities, and transform the shoreline into a neighborhood beach destination. Improvements to the shoreline and areas below the ordinary high water mark (OHWM) will improve habitat for fish and wildlife, including listed salmon species.

The entire park lot size is approximately 602,245 square feet (SF) (13.83 acres) in size, not including Mapes Creek.

Upland Phase: The upland project includes the area above the beach and the beach area above the OHWM. The upland phase project area covers approximately 49,600 SF (1.15 acres). Park improvements include creating a more prominent entry, new seating, barbeques, art, a picnic shelter structure, a stage with shelter, a custom exercise feature, a new pedestrian boat launch, and site lighting. Improvements to the beach above OHWM include removing an existing boulder bulkhead, regrading the beach to a more natural shoreline condition, installing gravel (Fish Mix), and beach restoration planting.

Riparian and Aquatic Phase: This area has been split into four zones with different existing conditions and different restoration proposed. They are: Zone A, Zone B, Zone C, and the Riparian Edge zone. This entire area is approximately 108,140 SF (2.48 acres). The main project elements include providing a substrate more suitable to salmonids, installing log and plant refugia, removing invasive species from the riparian area, and installing native riparian and aquatic plantings.

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.

Proposed improvements are within Be'er Sheva Park, located between Pritchard Beach Park and the Atlantic City Boat Ramp, on the east side of Seward Park Ave S.

The park is located in the City of Seattle, in King County, Washington (Section 35, Township 24N, Range 4E).

Be'er Sheva Park
8650 55th Ave S
Seattle, WA 98118

B. Environmental Elements [\[HELP\]](#)

1. Earth [\[help\]](#)

a. General description of the site:

(circle one): **Flat**, rolling, hilly, **steep slopes**, mountainous, other: **lake edge**

The site is generally flat. A creek runs through the center of the site with moderate slopes on either side of the creek. The site is steeply sloped in some areas between the upland area and the beach and the beach generally slopes gently towards the water.

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

The steepest slope on the site is approximately 33%, found where boulders armor the beach.

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 agricultural land of long-term commercial significance and whether the proposal results in removing any of these soils.

Soils throughout the park are mapped by the Natural Resources Conservation Service (NRCS) as Urban land-Alderwood complex, 0 to 5 percent slopes. No prime farmland is present.

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

The park and immediate vicinity are relatively flat, and no indications of unstable soils were observed. The City of Seattle's Critical Areas maps do not map steep slopes, potential slide areas, or known slides within the park.

e. Describe the purpose, type, total area, and approximate quantities and total affected area of any filling, excavation, and grading proposed. Indicate source of fill.

Upland Phase:

Site excavation, fill, and grading is focused in new paving areas, stage and shelter areas, new planting areas, new lawn throughout the site, and the beach.

Approximately 1,315 cubic yards (CY) of excavation of lawn is proposed.

Approximately 653 CY of fill primarily consisting of open angular aggregate base, concrete base course, concrete paths and curbs, asphalt paving, and exercise area safety surface, is proposed. Approximately 50 CY of gravel (fish mix) is proposed as part of the beach restoration across 2,705 SF. Approximately 850 CY of topsoil and mulch fill is proposed.

Riparian and Aquatic Phase:

- **Riparian Edge zone:** This zone is approximately 7,840 SF (0.18 acre) and is located above the OHWM. No fill, excavation, or grading is proposed within this zone.
- **Restoration Zone A:** This zone is approximately 24,300 SF (0.56 acre). No fill, excavation, or grading is proposed within this zone.
- **Restoration Zone B:** This zone is approximately 13,960 SF (0.32 acre). Restoration includes the redistribution of existing lakebed sediments in the area where

placement of 12 inches of gravel (Fish Mix) would result in water depths of less than 3 feet when the lake level is at the OHWM. Approximately 110 CY of gravel will be installed across the entire zone, to provide a better substrate for listed salmonid species. Seven anchored log refugia will also be installed and arranged to protect this zone from future siltation from Mapes Creek.

- **Restoration Zone C:** This zone is approximately 62,040 SF (1.42 acres). Five planted aquatic planting/fish refuge structures will be installed to provide refugia and foraging opportunities. Sediment in these structures will be redistributed from Zone B and from the surrounding lakebed in Zone C. This redistribution area will be a maximum of 49,000 SF (1.12 acres).

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

Minor and temporary soil erosion could potentially occur during project construction. However, most of the areas being disturbed are relatively flat, so the risk is minimal, and all state and local temporary erosion and sediment control (TESC) requirements and best management practices will be followed. BMPs include filter fences, compost socks, and use of existing paved areas for construction entrances and staging.

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

Upland Phase: Following project completion, approximately 49 percent of the upland phase project area will be covered with new and existing impervious surfaces. This is approximately 4 percent of the greater park area.

Approximately 13,837 SF of the site will have new or replaced impervious surface.

Approximately 10,315 SF will consist of existing impervious surface that won't be impacted by the project.

Riparian and Aquatic Phase: This restoration area does not contain existing impervious surfaces and will not result in new impervious surfaces.

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

Although erosion risks are minimal, risks will be further reduced by incorporating the following measures:

- The contractor will be required to develop a site-specific TESC Plan.
- City of Seattle and Washington Department of Ecology (Ecology) TESC and erosion control requirements will be implemented.
- Industry best practices for TESC and erosion control will be implemented.

2. Air [help]

a. What types of emissions to the air would result from the proposal during construction, operation, and maintenance when the project is completed? If any, generally describe and give approximate quantities if known.

The project will result in minor, temporary increases in air emissions during construction, resulting from increased exhaust emissions from construction vehicles and equipment, and potentially from fugitive dust. Following construction, maintenance equipment may be used occasionally but no significant increase in air emissions is expected.

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

There are no known off-site sources of emissions or odor that may affect the proposal.

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

All heavy equipment will be factory-fitted with emission control devices and turned off when not in use. BMPs will be utilized during construction to control dust if necessary.

3. Water [\[help\]](#)

a. Surface Water: [\[help\]](#)

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.

The park borders Lake Washington and is bisected by a recently daylighted reach of Mapes Creek. Mapes Creek flows into Lake Washington within the project area.

Small seasonal surface waters paths on site are channeled into catch basins and/or flow directly into the adjacent Mapes Creek and Lake Washington.

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.

Upland Phase: Yes, all of the proposed excavation, fill, grading, paving, and planting is within 200 feet of Mapes Creek and most is within 200 feet of Lake Washington. The new entry, the new exercise feature, and associated pathways and landscaping, are outside of the 200-foot setback from Lake Washington. All work in this phase is above the OHWM of Lake Washington and Mapes Creek.

Work on the beach includes the relocation of existing boulders and grading of the existing steep bank between the upland park area and the beach. This slope will be graded and gravel (Fish Mix) will be installed to provide a naturalized beach transition from lake to upland. The relocated boulders along with new boulders (approximately 40 boulders, 2 to 3 feet in diameter, are proposed) will be positioned along the pedestrian boat launch. Work will be performed with an excavator positioned above the OHWM. Following grading activities, "planting pockets" will be installed at the water's edge with beach logs and rocks above the OHWM. These areas will be planted with native vegetation that will shade the edge of the lake.

Riparian and Aquatic Phase: Yes, the project will require work below the OHWM of Lake Washington and Mapes Creek. As stated in question A.11, work in this phase of the project is split into four zones. Work in these zones, all below or within 200 feet of the OHWM of Lake Washington, and mostly within 200 feet of Mapes Creek includes:

- **Riparian Edge Zone:** Proposed work in this zone consists of removal of invasive plant species and planting of native species.
- **Restoration Zone A:** This zone already contains substrate suitable to salmon and is to be protected during construction. No work is proposed in this zone.
- **Restoration Zone B:** This zone consists of a soft muddy substrate mixed with rocks, likely caused by siltation from Mapes Creek. Proposed work involves redistributing the lakebed sediment and then installing a gravel substrate (Fish Mix) more suitable to salmon habitat. Sediment redistribution and gravel installation will

likely be accomplished with an excavator from the shoreline or from below the OHWM, as needed. The grade of the zone will tie into the regraded shoreline for a gradual beach transition zone between the areas above and below the OHWM. Anchored log refugia will be installed in an arrangement designed to protect the zone from future siltation from Mapes Creek. The logs will likely be installed using an excavator that will crawl into the lake as needed, partially or completely submerging the undercarriage. Use of a barge for log installation may be necessary for the deeper logs, depending on the reach of the excavator. Use of a barge is likely not practicable for work in water depths shallower than three feet. Equipment used to construct the in-water features will be required to use vegetable oil instead of conventional hydraulic fluid to prevent potential petroleum-based spills in the lake.

- **Restoration Zone C:** Proposed work in this zone consists of installing aquatic planting/fish refuge structures designed to provide refugia and foraging opportunities for salmon and other fish by promoting the establishment of aquatic plantings (hard stem bulrush (*Schoenoplectus acutus*) and duck potato (*Sagittaria latifolia*)). Each structure will consist of six large logs arranged to support a “planting mound”, a built-up area that will provide the shallow conditions needed for the proposed aquatic plantings to establish. The mound will be created by redistributing sediment from Zone B and from the surrounding lakebed. The goal is that these plantings establish in the shallow water of the structures and then spread to deeper water. These beds will likely be installed in a similar fashion to the logs in Zone B, using an excavator as possible and a barge in deeper water if needed.
- 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.

Upland Phase: None.

Riparian and Aquatic Phase:

- **Riparian Edge zone:** No fill, excavation, or grading is proposed within this zone.
 - **Restoration Zone A:** No fill, excavation, or grading is proposed within this zone.
 - **Restoration Zone B:** Approximately 100 CY of lakebed material will be redistributed from Zone B to Zone C, to construct the aquatic planting/fish refuge structures. Approximately 110 CY of gravel substrate (Fish Mix) will be installed across approximately 13,960 SF. Seven anchored log refuge totalling up 36.7 CY to will also be installed.
 - **Restoration Zone C:** Five planted aquatic planting/fish refuge structures will be installed. Each structure will consist of six large logs arranged to support a “planting mound” consisting of lakebed material. In total, up to 87.3 CY of woody material will be placed below the OHWM of Lake Washington to create the planting mounds. All lakebed material will be redistributed from Zone B (100 CY) and the surrounding area. The structures will be approximately 35 feet long, 30 feet wide, and two to four feet high. These structures will cover approximately 5,250 SF (0.12 acre).
- 4) Will the proposal require surface water withdrawals or diversions? Give general description, purpose, and approximate quantities if known.

No surface water withdrawals or diversions are proposed.

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

No. Neither phase of the project is located within the 100-year floodplain of Lake Washington or Mapes Creek.

- 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.

No . Neither phase of the project will discharge waste materials to surface waters. BMPs will be implemented that follow City of Seattle and Ecology guidance to prevent waste material associated with construction equipment from discharging to surface waters. As stated in B.3.a.2 above, equipment used to construct the in-water features will be required to use vegetable oil instead of conventional hydraulic fluid to prevent potential petroleum-based spills in the lake.

b. Ground Water: [\[help\]](#)

- 1) Will groundwater be withdrawn from a well for drinking water or other purposes? If so, give a general description of the well, proposed uses and approximate quantities withdrawn from the well. Will water be discharged to groundwater? Give general description, purpose, and approximate quantities if known.

No, groundwater will not be withdrawn at this site, for any type of use.

- 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 following project construction.

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.

Upland Phase: Construction Erosion and Sediment Control (CESC) BMPs will be implemented to manage runoff and erosion during construction. Runoff from the paved area at the new entry will be channeled into existing raingardens in the parking lot that will overflow to Lake Washington. All other remaining site surface water runoff will be dispersed onsite using the "Full Dispersion" BMP.

Riparian and Aquatic Phase: The in-water work area will be isolated, likely via a siltation containment boom, to contain sediment during project construction.

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

No.

- 3) Does the proposal alter or otherwise affect drainage patterns in the vicinity of the site? If so, describe.

No, as noted in 3.c.1 above, the Full Dispersion BMP will be used for the site, dispersing runoff from impervious surfaces to vegetated areas, which will maintain existing drainage patterns.

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

Runoff from proposed paths and hardscape will drain to adjacent pervious areas and fully disperse into existing planting areas.

Full restoration of all disturbed (pervious) areas including soil amendment and lawn or other plant cover is proposed to minimize drainage impacts and maintain site drainage patterns on the site.

Runoff patterns from the parking area will be maintained. The parking lot is designed to collect runoff in raingarden/planting areas prior to discharge to Lake Washington. These raingardens have well developed plantings and are developing characteristics associated with wetlands. These areas will not be impacted by the proposed work.

4. Plants [\[help\]](#)

a. Check the 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
- Orchards, vineyards or other permanent crops.
- wet soil plants: cattail, buttercup, bullrush, skunk cabbage, other
- water plants: water lily, eelgrass, milfoil, hard stem bulrush, duck potato, smallfruit bulrush, other:
- other types of vegetation: variety of upland forbs and ornamentals

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

Upland Phase:

Above Beach: Existing lawn grass will be restored or new turf added over approximately 12,500 SF near the beach. Grass will be removed from approximately 24,968 SF. Of this area, approximately 7,031 SF will be replaced with new lawn and 17,937 will be replaced with other proposed project elements such as paths and non-grass landscaping. Four trees, one with a 3-inch DBH and three with 16-inch DBHs, are proposed for removal.

Riparian and Aquatic Phase:

Riparian Edge: Invasive plant species, primarily Himalayan blackberry (*Rubus armeniacus*), will be removed where present throughout the 7,840 SF zone.

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

There are no known threatened or endangered plant species on or near the site.

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

Upland Phase:

- Above Beach: Existing turf grass will be restored, or new turf added over approximately 12,500 SF near the beach. New planting areas will cover approximately 2,550 SF in the parking lot and new entry. Proposed plantings include native trees and shrubs, and ornamental species at the entrance.
- Beach Area: Planting pockets at the water's edge will be planted with native riparian shrubs and herbaceous species and will cover approximately 600 SF.

Riparian and Aquatic Phase:

- Riparian Edge: Native species including red twig dogwood (*Cornus sericea*) and slough sedge (*Carex obnupta*) will be planted throughout the 7,840 SF zone where invasive species are removed.
- Restoration Zone C: Aquatic planting/fish refuge structures will cover approximately 5,250 SF and will be planted with aquatic plantings including (hard stem bulrush (*Schoenoplectus acutus*) and duck potato (*Sagittaria latifolia*)).

e. List all noxious weeds and invasive species known to be on or near the site.

The site was not surveyed for noxious weeds and invasive species. However, Himalayan blackberry is present and will be removed from the riparian zone?

5. Animals [\[help\]](#)

a. List any birds and other animals which have been observed on or near the site or are known to be on or near the site.

Examples include:

birds: **hawk, heron, eagle, songbirds**, other: Canada geese, mallard ducks,

other waterfowl

mammals: **deer**, bear, elk, beaver, raccoons, river otter, muskrat, other:

fish: bass, **salmon**, trout, herring, shellfish, other _____

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

Puget Sound Chinook salmon (*Oncorhynchus tshawytscha*), Coastal-Puget Sound bull trout (*Salvelinus confluentus*), and Puget Sound steelhead (*Oncorhynchus mykiss*), all federally threatened species, are known to occur in Lake Washington. Coho salmon (*Oncorhynchus kisutch*), a federal species of concern, also occur in the lake.

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

The project site is part of the Pacific Flyway, a major north-south flyway for migratory birds in America, extending from Alaska to Patagonia. Anadromous salmon and trout species that spawn in Lake Washington and the Cedar River system use the site in both the juvenile and adult stages as they move to and from their spawning sites.

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

The beach restoration, riparian restoration, and restoration of areas below the OHWM were designed to return the area to a more natural condition and to enhance fish and wildlife habitat, specifically focused on salmon. Specific measures designed to enhance fish and wildlife habitat include:

- Removal of existing armoring (boulder bulkhead) and grading to provide a more natural beach transition from shoreline to lake.
- Proposed plantings just above OHWM will provide habitat and shade over the water.
- Grading in Zone B and installation of gravel (Fish Mix) is proposed to provide a substrate more suitable to salmon and other fish.
- The anchored logs in Zone B will be positioned to reduce future sedimentation of this area and will provide refugia for salmon and other fish.
- The aquatic planting/fish refuge structures proposed in Zone C will provide refugia and foraging opportunities for wildlife and will promote the establishment of native aquatic plantings.
- Removal of invasive species and planting of natives in the riparian area will improve habitat for fish and other wildlife.

e. List any invasive animal species known to be on or near the site.

New Zealand mud snails have been observed in Mapes Creek.

6. Energy and Natural Resources [\[help\]](#)

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 for lighting and irrigation.

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

No.

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:

None. Limited use of site lighting along pathways is proposed to maintain natural ambiance without compromising security.

7. Environmental Health [\[help\]](#)

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.

During construction, fuels and other fluids necessary for normal equipment function will be used. Associated hazards will be mitigated through the use of BMPs.

1) Describe any known or possible contamination at the site from present or past uses.

None.

2) Describe existing hazardous chemicals/conditions that might affect project development and design. This includes underground hazardous liquid and gas transmission pipelines located within the project area and in the vicinity.

None

- 3) Describe any toxic or hazardous chemicals that might be stored, used, or produced during the project's development or construction, or at any time during the operating life of the project.

During construction, fuels and other construction-related fluids will be stored on existing paved surfaces. Following project construction, no toxic or hazardous chemicals will be stored, used, or produced.

- 4) Describe special emergency services that might be required.

None

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

As described in 7.a and 7.a.3 above, mitigation measures will be followed to minimize the risk of release of hazardous materials during project construction. This includes storing equipment, fuel, and other construction-related fluids on existing impervious areas and having a spill prevention plan in place prior to construction.

b. Noise

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

Existing noise is associated with boat traffic, boat launch traffic, vehicular traffic, pedestrian traffic, and general site use.

- 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.

The project is not expected to impact noise levels in the long-term. During project construction, construction traffic during normal construction hours, including truck hauling for equipment and material movement, may have minor short-term impacts on noise in the area.

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

Work hour restrictions will be followed, per City of Seattle code.

8. Land and Shoreline Use [\[help\]](#)

- a. What is the current use of the site and adjacent properties? Will the proposal affect current land uses on nearby or adjacent properties? If so, describe.

Existing park uses include walking, beach activities, public events, pedestrian boat launch activities, and playground and basketball court use to the north. Following project construction, none of these uses are expected to be negatively impacted by the proposed improvements.

- b. Has the project site been used as working farmlands or working forest lands? If so, describe. How much agricultural or forest land of long-term commercial significance will be converted to other uses as a result of the proposal, if any? If resource lands have not been designated, how many acres in farmland or forest land tax status will be converted to nonfarm or nonforest use?

No.

1) Will the proposal affect or be affected by surrounding working farm or forest land normal business operations, such as oversize equipment access, the application of pesticides, tilling, and harvesting? If so, how:

No.

c. Describe any structures on the site.

The park has one open/operational restroom building and one closed restroom building.

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

No structures will be demolished.

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

SF 5000 zone (SDCI Zoning Map). This is a Seattle Parks and Recreation property that currently is an established park.

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

City Owned Open Space - Public Park (Comprehensive Plan – OCPD)

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

The park contains areas designated as Conservancy Recreation Area and Conservancy Preservation Area.

h. Has any part of the site been classified as a critical area by the city or county? If so, specify.

The City of Seattle maps the following critical areas in the park:

- Liquefaction Prone Area – ECA5 (City of Seattle SDCI) – East side of the site
- Wetland ECA4 (City of Seattle SDCI) – Northeast site area and existing parking lot planting areas
- Riparian Corridor-ECA3 – South parking lot

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

None

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

None

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

No displacements will occur, so no measures are proposed.

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

The future comprehensive plan shows the site to remain designated as City owned open space. The proposed project supports the projected land uses within the City of Seattle.

m. Proposed measures to reduce or control impacts to agricultural and forest lands of long-term commercial significance, if any:

The project will not impact agricultural and/or forest lands, so no impact reduction measures are proposed.

9. *Housing* [\[help\]](#)

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

None

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

None

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

The project will not impact housing, so no measures are proposed.

10. *Aesthetics* [\[help\]](#)

- a. What is the tallest height of any proposed structure(s), not including antennas; what is the principal exterior building material(s) proposed?

Picnic/Stage Shelter: 16'-0"

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

The picnic shelter may alter views of the beach from afar.

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

The picnic shelter will be an open structure with low furnishings, limiting features that may obstruct the view.

11. *Light and Glare* [\[help\]](#)

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

Pole lights are proposed along the pathways for pedestrian safety and security. Parking lot lighting will not be provided. Glare and light pollution will be minimal.

- 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?

None

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

The project has a minimal lighting plan to provide path lighting and improve security while limiting glare impacts.

12. Recreation [\[help\]](#)

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

- Beach play
- Walking/running/biking
- Hand launch boating
- Lawn games
- Picnicking
- Stage performances/events
- Art interaction

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

There will be a short-term displacement of recreational uses from the immediate vicinity of construction activities during project construction. The project will not affect any offsite recreational uses. The project will not displace any existing recreational uses following construction completion.

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

None

13. Historic and cultural preservation [\[help\]](#)

a. Are there any buildings, structures, or sites, located on or near the site that are over 45 years old listed in or eligible for listing in national, state, or local preservation registers ? If so, specifically describe.

There are no sites on park property or near the project area that are mapped by the Washington Department of Archaeology and Historic Preservation (DAHP) as listed or eligible for listing in national, state, or local preservation registers.

b. Are there any landmarks, features, or other evidence of Indian or historic use or occupation? This may include human burials or old cemeteries. Are there any material evidence, artifacts, or areas of cultural importance on or near the site? Please list any professional studies conducted at the site to identify such resources.

No

c. Describe the methods used to assess the potential impacts to cultural and historic resources on or near the project site. Examples include consultation with tribes and the department of archeology and historic preservation, archaeological surveys, historic maps, GIS data, etc.

None

d. Proposed measures to avoid, minimize, or compensate for loss, changes to, and disturbance to resources. Please include plans for the above and any permits that may be required.

No historical or known archaeological resources are present on site so no measures are proposed. If archaeological resources are encountered during project construction, ground-disturbing activities will halt and DAHP will be notified.

14. Transportation [\[help\]](#)

- a. Identify public streets and highways serving the site or affected geographic area and describe proposed access to the existing street system. Show on site plans, if any.

Existing access will remain unchanged. Parking lot access is located just south of S Henderson Street, on the east side of Seward Park Ave S.

- b. Is the site or affected geographic area currently served by public transit? If so, generally describe. If not, what is the approximate distance to the nearest transit stop?

The Link light rail stops at Rainier Beach near S Henderson St, approximately 0.75 mile west of the park.

Various bus routes and bus stops provide pedestrian access to the site, with stops along Seward Park Ave S as well as S Henderson St. depending on the route. The #7 bus stops closest to the site, at S Henderson St and 53rd Ave S, approximately 0.1 mile west of the park.

How many additional parking spaces would the completed project or non-project proposal have? How many would the project or proposal eliminate?

Some parking stalls will be reconfigured, but the net change of parking spaces will be zero.

- d. Will the proposal require any new or improvements to existing roads, streets, pedestrian, bicycle, or state transportation facilities, not including driveways? If so, generally describe (indicate whether public or private).

No

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

No

- f. How many vehicular trips per day would be generated by the completed project or proposal? If known, indicate when peak volumes would occur and what percentage of the volume would be trucks (such as commercial and nonpassenger vehicles). What data or transportation models were used to make these estimates?

The project is not expected to impact vehicular trips to the park.

- g. Will the proposal interfere with, affect or be affected by the movement of agricultural and forest products on roads or streets in the area? If so, generally describe.

No

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

No transportation impacts are anticipated so no measures are proposed.

15. Public Services [\[help\]](#)

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

- No new services are anticipated to be required as a result of the improvements.
- b. Proposed measures to reduce or control direct impacts on public services, if any.
No impacts to public services are anticipated so no measures are proposed.

16. Utilities [\[help\]](#)

- a. Circle utilities currently available at the site:

electricity, natural gas, **water**, refuse service, telephone, **sanitary sewer**, septic system, other _____
(Shown in bold)

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.

No changes to the sanitary sewer utilities are proposed for the project; the existing restroom will continue to function as it is currently configured.

No changes are proposed for the water service to the site.

New electrical service will be provided for the pedestrian pole lights via one of two options:

- Option 1: New underground conduit & cable connecting to existing service in the parking lot.
- Option 2: New conduit and cables connecting to existing R.O.W. service crossing Seward Park Ave S to sidewalk. Grade mounted pedestal & new underground service.

C. Signature [\[HELP\]](#)

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: Lizzie Zemke
Name of signee Lizzie Zemke
Position and Agency/Organization DOWL
Date Submitted: 3/2/2021