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SEPA Environmental Checklist

Project Name: Lake Stickney Community Park Phase 1
Property Address: 13521 Manor Way, Lynnwood, WA 98087
Applicant: Tom Hartzell, Senior Park Planner
Owner: Snohomish County Parks and Recreation
Permit Application: Shoreline Substantial Development Permit | Critical Area Permit
SEPA Checklist Prepared by: Drew Coombs, J.A. Brennan Associates, PLLC

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 and/or 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:

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 nonprojects) questions in Part B (Environmental Elements) that do not contribute meaningfully to the analysis of the proposal.

VICINITY MAP



A. BACKGROUND

1. Name of proposed project:

Lake Stickney Community Park
Phase 1 Improvements

2. Name of applicant:

Snohomish County Parks and Recreation

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

Applicant:

Tom Hartzell, Senior Parks Planner
6705 Puget Park Dr., Snohomish, WA 98296
(425) 388-6600, thomas.hartzell@co.snohomish.wa.us

4. Date checklist prepared:

1/10/2017

5. Agency requesting checklist:

Snohomish County Planning Department

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

Construction will occur between June 2017 and July 2018.

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

Snohomish County Parks has developed a long range Master Plan for the park site to guide future improvements. At this time the future development is not planned and will only occur as funding becomes available. The current funding is only for Phase 1 development.

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

- Geotechnical report
- Wetland delineation report/Critical Area Report
- Cultural resources study

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.

There are no known applications pending for government approvals of other proposals related to Lake Stickney Park.

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

Snohomish County Substantial Shoreline Development Permit
Snohomish County LDA (Land Disturbing Activity) Grading Permit
Snohomish County Building Permit

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.)

Lake Stickney Community Park is a 24.5 acre park that currently consists of walking trails, parking, a portable restroom, and an off-leash dog area. The Phase 1 improvements include development of a playground area, a lake viewing mound, new walking paths, an open space play meadow, parking lot enhancements, grading improvements, and wetland and vegetation enhancements. The Phase 1 improvements will be limited to an area of approximately 3 acres.

12. Location of the proposal. (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.)

Project Address: 13521 Manor Way, Lynwood, WA 98087

Parcel Numbers: 00373300100202, 00373300100203, 00373300100204, 00373800701002,
00373800701003, 00373800700900, 00373300100103

B. ENVIRONMENTAL ELEMENTS

1. Earth

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

The site is generally flat with some slopes along the west edge of the site where there is a raised area.

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

On the south side of the parking lot the site slopes 38% down to the parking lot.

- 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 are generally fill over glacial till. The soils listed in the county soil survey include:
(listed from most to least area on site):

Alderwood-Urban Land complex, 2 to 8 percent slopes
Mukilteo Muck
Everett very gravelly sandy loam, 0 to 8 percent slopes

Test pit investigations by the Geotechnical Engineer Shannon and Wilson reveal soils that are generally silty sand over silty sand with gravel.

“ The Surface of the project area is mapped as Vashon till (Qvt) with areas of Vashon recessional outwash (Qvr) and artificial fill (af) surrounding Lake Stickney (Smith 1976).

Soils in the project area are mapped as Alderwood-Urban land complex, which forms on glacial upland landforms in basal till, and Mukilteo Muck, which collects as herbaceous organic material in depressions on the glacial upland. Everett very gravelly sandy loam, that forms in glacial in glacial outwash on eskers, kames and moraine landforms, mantles the hill just north of the Park. (Debose and Klungland 1983). “ (Cultural Resources Assessment for Lake Stickney Park Phase1 – SWCA10-18-2016)

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

There are no surface indications or history of unstable soils in the immediate vicinity of the site.

- 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.

The proposal includes the development of a nature-themed play area, an earthen viewing mound to provide views of Lake Stickney, and an open space play meadow. The development of these features will require earth work.

There will be approximately 600 cubic yards (CY) of cut which includes excavation of existing asphalt, concrete and native soils. This excavated material will be broken down, redistributed, and placed on site as fill to build a portion of the grade of the proposed earthen mound and to raise elevation of the open space play meadow. In addition, approximately 5000 CY of import material will be transported to the site to build the finished grade of the site improvements. The import material will be comprised of common borrow (sandy soil), topsoil, crushed aggregate base, wood chip play surfacing, poured in place rubber play surfacing and concrete. The total affected area is approximately 68,000 sf.

Imported fill materials will be obtained from a commercial purveyor of such materials, licensed and permitted by the State of Washington. Excavated materials not used on site as fill material will be exported off the project site and either reused on other projects or disposed of in an approved upland disposal location per contract requirements.

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

The project area does not contain any designated Erosion Hazard Areas. Potential erosion during construction could occur, but will be mitigated with Temporary Erosion and Sediment controls according to Federal, State and local regulations, and as prescribed in the Snohomish County Drainage Manual. Therefore, no significant environmental impacts are anticipated.

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

The total park area is +/- 24.5 Acres (1,067,220sf). Phase 1 improvements are limited to 2.8 Acres (122,393 sf).

The existing impervious surface in the Phase 1 area is comprised of +/- 30,000 sf of asphalt and concrete slab, of which 25,226 sf is proposed to be removed.

A portion of this impervious surface area will be replaced with new ADA accessible walking surface, playground fall surfacing and improved parking surfaces.

New impervious project improvements include:

Concrete walking path (6' and 8' wide) =	8075 sf
Crushed rock walking surface (4' and 6' wide) =	1430 sf
Concrete seating areas =	1360 sf
Concrete plaza area =	690 sf
Poured in place rubber play surface =	1500 sf
Enhanced existing parking area =	5535 sf
Cobble armored stormwater outfall =	48 sf

Total impervious surface proposed for Phase 1 construction: 18,638 sf

After the project is constructed, +/- 1.8 % of the total park site will be covered with impervious surface.

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

The project is designed to fit the natural topography, soils, and drainage patterns of the site. During construction, erosion control measures will be utilized such as covering disturbed soils and controlling surface runoff. Steep slopes and sensitive wetland areas will be further protected from erosion using erosion and sediment control BMPs such as silt fences and straw wattles as described in the 2016 Snohomish County Drainage Manual.

2. Air

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.

During construction, equipment typical of large construction sites including 250 excavators, dump trucks, bulldozers, hand-held power tools, gasoline and diesel-powered compressors and generators, and gasoline and diesel-powered vehicles will be used to perform grading and earthwork activities. These tools and vehicles will generate greenhouse gas emissions (GHG) due to the combustion of gasoline and diesel fuels, such as oxides of nitrogen, carbon monoxide, particulate matter and smoke, uncombusted hydrocarbons, hydrogen sulfide, carbon dioxide, and water vapor. Other emissions during construction might include dust and exhaust from construction vehicles. These effects are expected to be localized, temporary and minimized.

The project is expected to produce GHGs in three ways: embodied energy in materials to be installed on the project; energy expended through construction activity (especially as

described above); and energy expended during regular operation, maintenance, and monitoring activities throughout the anticipated lifespan of the park.

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

No off-site sources of emissions or odors are known.

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

During construction, impacts to air quality will be reduced and controlled through implementation of federal, state, and local emission control criteria and construction practices. These include requiring contractors to use best management practices for construction methods, proper vehicle maintenance, and minimizing vehicle and equipment idling.

3. Water

- a. Surface Water

- 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 project is located on the shoreline of Lake Stickney, a kettle lake created as a result of glacial retreat. It is a small, shallow water body at the northern headwaters to Swamp Creek.

Lake Stickney is classified as an Urban Conservancy Lake, per the Shoreline Management Program, and as described in the Snohomish County Code (SCC) Shoreline code 30.67. Lake Stickney is also defined as a Type S lake with a 150' shoreline buffer per SCC 30.62A.210. The lake's delineated ordinary high water mark is associated with a category II wetland with a 110' wetland buffer. Please see the Critical Area Report prepared for the project for more information.

- 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.*

Yes, the project design includes work within 200 feet of the lake and wetlands. Work within the shoreline and wetland buffers will comply with SCC 30.62A and 30.67.060.

Improvements within the 200' shoreline will include the nature themed play area, ADA accessible walkways, a small gathering plaza, bench seating and vegetation enhancement.

- 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 dredging will occur within the lake, wetland or creek areas.

In the wetland buffers, construction activities include removal of existing impervious surfaces, grading, path construction, removal of invasive plant species and vegetation restoration.

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

No.

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

No portion of the project area is located in a 100 year floodplain. According to the Federal Emergency Management Agency's National Flood Insurance Program Flood Insurance Rate Map Numbers 53061C1020 E and 53061C1310 E (Effective November 8, 1999), the project area is located entirely within Other Areas, Zone X, which has been determined to be outside the 500-year floodplain.

- 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 project is not expected to result in the discharge of waste materials to surface waters.

b. Ground Water

- 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.*

This project is not expected to withdraw from or discharge to groundwater.

- 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.*

This project is not expected to result in the discharge of waste materials into the ground.

c. Water Runoff (including stormwater):

- 1) *Describe the source of runoff (including stormwater) 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.*

The general stormwater control approach for the site will be to maintain un-concentrated sheet flow from the proposed impervious surface areas to simulate natural conditions. The site's natural topography will allow the un-concentrated runoff to migrate towards Lake Stickney while interacting with site soils and

vegetation, extending runoff times of concentration which will maximize the potential for on-site infiltration and evapotranspiration prior to reaching the lake.

The sole pollution generating surface on the site is the existing parking lot which will be resurfaced in conjunction with the project. Treatment for this area will be handled using a basic filter strip (BMP T9.40) as outlined in Volume V (Runoff Treatment BMP's) of 2016 Snohomish County Drainage Manual. Once treated, parking lot runoff will be allowed to re-enter an existing naturally vegetated corridor downstream of the parking lot which currently provides several hundred feet of vegetated flow path between the parking lot and Lake Stickney. This flow path will again maximize site infiltration and evapotranspiration prior to the runoff reaching the Lake.

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

During construction, it is possible that erosion from the construction site could enter surface waters. However, a TESC plan using appropriate BMPs would be developed and implemented to avoid or minimize this risk.

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

The completed project does not propose to affect drainage patterns in the vicinity of the site. Stormwater runoff is not expected beyond currently existing conditions and will follow similar pathways.

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

Based on the characteristics of the project area, it is anticipated that impact to waters can be avoided or reasonably mitigated through dispersion of stormwater through vegetated areas as discussed above. No significant unavoidable adverse impacts are anticipated.

Typical construction methods are anticipated and no adverse impacts to surface or ground waters are expected. BMPs identified in the Snohomish County Drainage Manual will be used to control erosion and sedimentation during construction. The project will develop and implement an erosion and sediment control plan.

4. **Plants**

a. Check the types of vegetation found on the site:

- Deciduous tree: alder, maple, birch, black cottonwood, other
- Evergreen tree: red cedar, douglas fir, other
- Shrubs
- Grass
- Pasture
- Crop or grain

- ___ Orchards, vineyards, or other permanent crops
- ___ Wet soil plants: cattail, buttercup, bulrush, skunk cabbage, other
- ___ Water plants: water lily, eelgrass, milfoil, other
- ___ Other types of vegetation

Existing vegetation within the Phase 1 work area is a combination of native and ornamental plants as well as invasive plant material. Given the historic use of the site as a private residence and most recently a Clubhouse, the southern and western portions of the site have the highest predominance of invasive and ornamental species present. Invasive plant cover includes reed canary grass, scotch broom, Himalayan blackberry, morning glory, and ivy.

Ornamental tree species include white pine and chamaecyparis. The northern and eastern edges of the site have mostly native vegetation present. The riparian native tree cover is a combination of deciduous birch, alder, black cottonwood, and maple species. Conifer tree species include douglas fir and red cedar.

The lake edge and wetland area is primarily comprised of palustrine, scrub-shrub and palustrine aquatic bed vegetation communities. The scrub-shrub portion is dominated by pacific willow, sitka willow, red osier dogwood, salmonberry, and hardhack .

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

The project will only remove or prune vegetation required for project construction and invasive species management. Construction limits will be clearly and physically delineated by protective construction fencing to prevent unauthorized trespass and collateral damage to nearby vegetation. Up to 14 trees will need to be removed to accommodate site improvements.

Approximately 40,000 SF (0.92 AC) of existing vegetation will have selective clearing and grubbing done to remove and control invasive species.

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

No known threatened or endangered plant species are known to be on or near the project area.

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

The proposed landscaping is designed to enhance the existing site vegetation, much of which is being preserved. Proposed landscaping on site will be native vegetation except in the play area where some ornamental plants may be used for their hardiness. Select areas of existing vegetation will be enhanced with new native plants.

Compensatory buffer mitigation requirements will also be required for impacts into the buffer. This mitigation will include a minimum of 8,300 square feet of native planting. Restoration of these areas with native plants will aid in the control of invasive species.

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

Himalayan Blackberry, morning glory, ivy, Reed Canary Grass and scotch broom were all found on site. There is a possible presence of thistles, but it is unclear what species and therefore what class.

5. Animals

- 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.

Birds such as hawks, heron, eagles, songbirds, crows and pigeons have been seen on site. Mammals such as deer, possum, beaver, raccoon, deer mouse, little brown rat, and squirrels have been seen on site. Lake Stickney is the northern headwaters to Swamp Creek, a known salmon-bearing waterway.

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

No known threatened or endangered species to our knowledge have been observed on site. We performed a review of the following resources to identify potential species.

According to a review of the Washington Department of Fish and Wildlife SalmonScape mapping software on 12/7/2016, Lake Stickney is accessible to the following threatened salmon species:

- Documented Presence: Fall Chinook, Coho (up Swamp Creek to just S of 143rd Pl SW)
- Documented Spawning: Sockeye Salmon (in Swamp Creek up to Jefferson) which outlets into Lake Stickney
- ESA listing units:
 - Spring/Summer/fall Puget Sound Chinook ESUs salmon (threatened, accessible)
 - Fall/Winter Puget Sound/Strait of Georgia Chum Salmon (Not warranted, accessible)
 - Puget Sound/Strait of Georgia Coho Salmon (Species of concern, accessible)
 - Pink Odd Year (Not warranted, accessible)
 - Summer/Winter Steelhead DPSs (threatened, accessible)

A review of the US Fish and Wildlife Service's IPaC Trust Resource Report lists the following species as endangered or threatened near the project area:

Birds:

Marbled Murrelet (threatened) critical habitat
Streaked Horned Lark (threatened) critical habitat
Yellow-billed Cuckoo (threatened) critical habitat (proposed)

Fish:

Bull Trout (Threatened) critical habitat

Mammals:

North American Wolverine (Proposed Threatened)

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

Lynnwood is located within the migratory route of many birds and other animal species and is part of the Pacific Flyway, a major north-south route of travel for migratory birds in the Americas extending from Alaska to Patagonia. Lake Stickney and its wetlands are adjacent to the site and are an important migration route for many animal species. Bald eagles are occasionally observed on the site.

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

The project will preserve wildlife by mitigating and minimizing modifications to critical area buffers. The proposed project will reduce overall impervious surfaces within the buffer, maintain existing trees to the extent feasible, and enhance existing shoreline vegetation with new native plant material. The replacement of degraded vegetated areas overgrown by blackberry with native trees and shrubs will further enhance wildlife habitat.

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

No invasive animal species are known to be present on or near the project site.

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.

There will be no energy used in the completed project.

- 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.

To the extent feasible proposed site furniture and play structures will be fabricated with recyclable materials. The use of long lasting materials such as concrete on the ADA accessible walkways will reduce long term maintenance and minimize replacement in the future.

Excavation, removal and compaction to break up existing concrete and asphalt to be used as fill within the created earthen play mound will reduce the consumption of fossil fuel to haul material off site.

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.

Small amounts of materials likely to be present during construction include gasoline and diesel fuels, hydraulic fluids, oils, lubricants, solvents, paints, and other chemical products. A spill of one of these chemicals could potentially occur during construction as a result of either equipment failure or human error.

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

No known contamination exists on site.

- 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.*

There are no known hazardous chemicals or conditions that might affect project development and design.

- 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.*

No toxic or hazardous chemicals will be stored, used, or produced during the project's construction, or at any time during the operating life of the project.

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

It is not anticipated that any special emergency services would be required during construction or operation of the project. Possible fire or medic services could be required during project construction, as well as possibly during maintenance of the completed project or for visitors of the park. However, the completed project would not demand higher levels of special emergency services than already exist at the project location. Typical emergency services required for medical emergencies are provided by the Lynnwood Fire Department. Typical security services are provided by the Snohomish County Sheriff and Lynnwood Police Department.

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

The construction contractor would be required to develop and implement a spill control plan to control and manage spills during construction. During construction, the contractor would use standard operating procedures and BMPs, as identified in the Snohomish County Stormwater Code, to reduce or control any possible environmental health hazards.

A contingency plan for potential spillage of fuel or contaminated material will be developed prior to initiating earth work on the site. Measures will be implemented to control upland releases and aquatic area spills. Any spill to the aquatic environment would be reported to the US Coast Guard and cleanup actions would be conducted in accordance with Coast Guard regulations. The property owner would be responsible for documenting any environmental impacts resulting from an accidental spill.

During construction, it will be the responsibility of contractors to provide for the safety of their workers, including proper training and personal protective gear. Contractors will comply with current Washington Department of Labor and Industries requirements.

b. Noise

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

Noises that exist in the area (vehicular traffic from Manor Way) would not affect the project.

- 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.*

Noise levels in the vicinity of construction would temporarily increase during construction. Short-term noise from construction equipment would be limited to the allowable maximum levels of Snohomish County Code Chapter 10.01 Noise Control . Within the allowable maximum levels, SCC permits noise from construction equipment between the hours of 7 a.m. and 10 p.m. weekdays, and 9 a.m. and 10 p.m. weekends.

It is expected that the majority of construction would take place from 7 a.m. to 6 p.m. on weekdays. However, there may be a need for construction to implement a 7-day/week and 11-12 hour/day work schedule. These longer days and/or work hours would be necessary to reduce the duration of work that negatively impacts local businesses or residences. The decision to allow longer days and/or hours would be based on minimizing such impacts to affected parties.

The completed project would generate occasional and periodic noise from visitors to the park and those who use vehicles to access it.

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

Construction equipment would be muffled in accordance with the applicable laws. Limits to noise and construction activities would be enforced while the project is being constructed and during operations, except for emergencies.

8. Land and Shoreline Use

- 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.*

The site is currently used as a park. The current human park use is limited because there are no programmed activities except for trail access to an off-leash dog park area. There is informal access to the lake by walking trails created by visitors. At times there is illicit activity including drug use, within the park area, and homeless encampments have been observed on occasion within pocket clearings along the shoreline.

The proposed park improvements intend to activate the space bringing in more users and developing a broader sense of ownership within the neighboring community.

Adjacent property uses (from most to least frequent) include: single family residential use and multi-family residential use.

The proposed project is not expected to affect current land uses on nearby or adjacent properties. There may be a slight increase in traffic on Manor Way as more people from the community come to seek views of the lake, birdwatch or play at the nature-themed play area. It is anticipated that most visitors will walk from the adjacent single and multi-family homes.

- 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 non-forest use?

The project site has not been used for agricultural purposes.

- 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.*

The proposed project would neither be affected by nor affect surrounding working farm or forest land normal business operations.

- c. Describe any structures on the site.

There are currently limited structures on the site, these include a temporary sani-can toilet, a kiosk sign, a pine rail fence and a memorial dedication basalt stone. All of these existing structures will be maintained but relocated with the new design.

The proposed new structures will primarily be associated with the nature-themed play area. These structures will include a dish swing, a slide, a snag climbing structure, and a boulder climbing structure. In addition, a simple screen wall structure is proposed for the sani-can toilet.

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

There are no structures to be demolished.

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

Subject Project area:

Zone Category – Urban

Zoning: R-7, 200 (All associated parcels)

(1) Urban Zones. The urban zones category consists of residential, commercial, and industrial zoning classifications in Urban Growth Areas (UGAs) located outside of

cities in unincorporated Snohomish County. These areas are either already characterized by, or are planned for, urban growth consistent with the comprehensive plan.

(a) Single Family Residential. The intent and function of Single Family Residential zones is to provide for predominantly single family residential development that achieves a minimum net density of four dwelling units per net acre. These zones may be used as holding zones for properties that are designated Urban Medium-Density Residential, Urban High-Density Residential, Urban Commercial, Urban Industrial, Public/Institutional use (P/IU), or Other land uses in the comprehensive plan. The official Snohomish County zoning maps prepared pursuant to SCC 30.21.030 shall use the suffix "P/IU" to indicate all areas in which these zones implement the P/IU designation (e.g., R-7,200-P/IU). Single family residential zones consist of the following:

(i) Residential 7,200 sq. ft. (R-7,200);

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

Urban low density residential

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

Urban/Urban Conservancy

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

Yes, Lake Stickney and its associated wetlands are classed as a critical area.
Lake Classification (2016; SCC 30.62A.320) - Type S (150' shoreline buffer)
Wetland Classification (2016; SCC 30.62A.320) - Category II wetland. (110' wetland buffer)

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

No one will reside or work in the completed project excepting periodic daytime maintenance from Snohomish County Parks and Recreation staff.

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

The project would not displace any people.

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

Not applicable.

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

The project will be compatible with existing and projected land uses and plans. The park improvements and habitat enhancement will protect the environment and provide a needed resource to the community. A new housing development is planned on adjacent

properties which will increase the density of the community and the need for active and passive recreation opportunities. This park improvement will offer a variety of opportunities to the community, including preservation and protection of shoreline and wetland habitat.

- m. Proposed measures to ensure the proposal is compatible with nearby agricultural and forest lands of long-term commercial significance, if any.

Not applicable.

9. Housing

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

The proposed project would not construct any housing units.

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

The proposed project would not eliminate any housing units.

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

Not applicable.

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 only proposed structures are play equipment and an enclosure for a sanican. The maximum height of any of these features would be 10 feet.

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

Views to Lake Stickney are proposed to be enhanced through the development of the earthen viewing mound. The created hill will elevate park users and provide some peek-a-boo views to the water beyond the wetland vegetation. Vegetation management of invasive species will provide an opportunity to enhance views to the lake.

Views from the street will provide clear sightlines to the play area for safety. Some increased vegetation screening is proposed to the north and south of the property to buffer some of the adjacent uses. Crime Prevention through Environmental Design (CPTED) criteria will be utilized to establish a balance of buffer enhancement and safety sightlines in the design.

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

The aesthetic condition of the site will be significantly improved over its present appearance. The existing site consists of patches of invasive plants and crumbling asphalt with some large trees. The new project will improve greatly upon this condition.

11. Light and Glare

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

There will be no new lighting.

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

There will be no new lighting.

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

There are two neighboring houses that offer little to no light pollution or glare on the site. There is also an existing street light near the park entry that will remain but it will not affect the project.

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

No measures are needed to reduce or control light and glare impacts because no impacts would occur. If an emergency requires after-dark work during construction, portable lighting would be adjusted as feasible to minimize glare.

12. Recreation

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

There are no parks or other designated recreational opportunities in the immediate vicinity. Paine Field Community Park is about 2 miles away and has baseball fields, picnic shelters, a playground, and restrooms/sanicans. McCollum Park is the largest nearby park and it is about 2.5 miles away. It has a BMX track, a pool, soccer fields, baseball fields, a playground, picnic tables, restrooms/sanican, and a park & ride lot. Martha Lake Airport Park is about 4 miles away and has a soccer field, a baseball field, picnic shelters, a playground, a skate park, and restrooms/sanican.

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

The project would not displace any existing 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 project will provide new recreation opportunities through the creation of the play area, the viewing mound, and a lawn area.

13. Historic and cultural preservation

- 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 located on or near the site? If so, specifically describe.

There are no buildings, structures or sites located on or near the site that are over 45 years old. There are no places or objects listed on, or proposed for, national, state, or local preservation registers known to be on or next to the site.

Review of the Washington Heritage Register and National Register of Historic Places WISAARD database (<http://www.dahp.wa.gov/learn-and-research/find-a-historic-place>) on 12/07/2016 showed no recorded places or objects formally listed, or proposed for, national, state, or local preservation registers on or adjacent to the project location.

No architectural inventory is required for this project because there are no structures.

- 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.

SWCA Environmental Consultants prepared a Cultural Resource Assessment and field report for the proposed project. No significant resources were discovered. An Inadvertent Discovery Plan has been prepared for use during construction, in the event that artifacts may be found during construction.

- 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.

SWCA Environmental Consultants conducted a check of records at the Washington State Department of Archaeology and Historic Preservation's (DAHP) Washington Information System for Architectural and Archaeological Records Data (WISAARD) database to obtain information about previous archaeological investigations completed around the project area.

Other background information was also collected from ethnographic and historic accounts, previous regional cultural resource investigations, geological maps, government websites, local historical societies, the Snohomish County Assessor's Office, maps, and photographs. These data were synthesized into their report.

Field work consisted of a pedestrian survey, excavation of shovel probes, and monitoring of geotechnical investigations by archaeologists. The goal of the survey was to verify field conditions and identify any archaeological deposits present in the project area. An additional aim of fieldwork was to document historic and modern disturbance. Only the Phase 1 project area was surveyed. No findings of cultural resource artifacts were made.

See Cultural Resources Assessment for Lake Stickney Park Phase 1, prepared by SWCA Environmental Consultants, dated October 18, 2016.

- 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.

Not applicable. But as a precautionary measure an Inadvertent Discovery Plan has been prepared for use during construction, in the event that artifacts may be found during construction. This prescribes methods if cultural resources are discovered.

14. Transportation

- 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.

The project currently has one driveway that connects to Manor Way. The proposed construction would not alter its location.

- 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?

Community Transit runs the 101 and *Swift* routes along Evergreen Way (Hwy 99), which is about a 10 minute walk to the west of the project site. The completed project would not affect routing of any bus routes.

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

The project proposal will not change the number of parking spaces. It will formalize the parking spots and add 1 ADA van stall.

- 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).

The project will not require new or improvements to existing roads, streets, pedestrian, bicycle, or state transportation facilities.

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

The proposed project would not use (or occur near) water, rail, or air transportation.

- 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 non-passenger vehicles). What data or transportation models were used to make these estimates?

It is not known if the project will increase vehicular trips. The existing parking has not been full at peak times in its current use. We anticipate that most park users will be walking or bicycling to the park to use the new play area. The project may generate an additional 15 vehicle trips per day principally between the hours of 9am and 4pm.

- 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.

The proposal would not interfere with, affect or be affected by the movement of agricultural and forest products on roads or streets in the area.

- h. Proposed measures to reduce or control transportation impacts, if any.
None.

15. Public services

- 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.

The proposed project will not create increased need for public services.

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

There will be no impacts on public services.

16. Utilities

- c. Underline/circle utilities currently available at the site:

Electricity, natural gas, water, refuse service, telephone, sanitary sewer, septic system, other _____.

The existing septic system has been decommissioned, water utility is available in the street, and electrical is available. Sanitary sewer is available on Manor Way.

- d. 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 completed project would install a new water connection for a drinking fountain and a manual irrigation system. Lake Stickney Park would be serviced by Alderwood Water District for water.

The project does not propose to expand the telephone, refuse or sewer systems. No interruptions to regular utility services are expected during construction.

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: _____

Printed Name of Signee: Drew Coombs

Position and Agency/Organization: Landscape Architect / J.A.Brennan Associates, PLLC

Date Submitted: 01/10/2017