

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 SEPA 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.

The help links in this checklist are intended to assist users in accessing guidance on the checklist questions. Links are provided to the specific sections of the guidance applicable to the questions. However, the links may not work correctly on all devices. If the links do not work on your device, open the guidance at www.ecy.wa.gov/programs/sea/sepa/apguide/EnvChecklistGuidance.html and navigate to the appropriate section.

Use of checklist for nonproject proposals: [\[help\]](#)

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

1. Name of proposed project, if applicable:
City of Issaquah Central Park Pad #1 Improvements
2. Name of applicant:
City of Issaquah – Parks and Recreation Department
3. Address and phone number of applicant and contact person:
Jennifer Fink, Park Planner, PO Box 1307, Issaquah, WA 98027-1307
4. Date checklist prepared:
25 July 2016
5. Agency requesting checklist:
City of Issaquah – Development Services Department
6. Proposed timing or schedule (including phasing, if applicable):
Phase 1 Construction in Summer 2017
Future Phase: unfunded and unscheduled
7. Do you have any plans for future additions, expansion, or further activity related to or connected with this proposal? If yes, explain.
Yes. Future phases will include potential expansion of parking and other recreation amenities within and adjacent to the existing Pad #1, as shown on the site plan.
8. List any environmental information you know about that has been prepared, or will be prepared, directly related to this proposal.
Grand Ridge EIS
Geotechnical Report
Traffic Report
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.
No.
10. List any government approvals or permits that will be needed for your proposal, if known.
City of Issaquah Major Amendment to the Site Development Permit, Site Work and Building Permits.
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.)

Phase 1: The Pad #1 project proposes to transform an existing, grass athletic field located in Issaquah’s Central Park into an artificial turf field. The field will be large enough to accommodate two (2) full sized soccer/lacrosse fields and will also be striped and equipped for baseball as well. Other youth sports teams will also have use and access to the fields. Field lighting will be provided as well as associated features such as walkways, path lighting, fencing, dugouts, backstops, and drinking fountains. Additional parking is also proposed, expanding the existing parking area at the north end of Central Park to accommodate 102 vehicles. The proposal also includes widening the Park Access Drive adjacent to Pad 1 to improve parking and vehicular circulation.

Future Phases: Parking and recreation space is proposed for construction at the neighboring Pad #4 site. An 8,000 SF community building is also proposed on lot adjacent to the site. Other site amenities within Central Park (playgrounds, picnic shelters, a youth bike park, additional parking lot and trail lighting, restrooms and storage area) are also part of this proposal.

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.

The proposed project will be built in the northern portion of Central Park in the Issaquah Highlands. It is accessible from Park Drive, College Drive, and 24th Ave NE. See the vicinity map below:



B. ENVIRONMENTAL ELEMENTS

1. Earth

a. General description of the site:

(circle one): Flat, rolling, hilly, steep slopes, mountainous, other _____

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

The steepest slope within the area of disturbance of the project is approximately 5%, though there are slopes immediately adjacent to the project area that approach 60%.

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.

The entire project site is comprised of compacted fill material on Vashon Lodgement.

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

There are historic mining activities in the vicinity. These shafts were determined to be completely collapsed and were deemed by the City to not be a hazard. Due to their demonstrated complete collapse (verified by borings), subsidence due to open mining activities is deemed unlikely.

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.

Phase 1: For the Pad #1 project, a total area of ~300,000 SF of excavation/grading will occur. A 7,000 cubic yard (CY) cut, of which 4,000 CY will be used as fill on site while the remainder will be hauled off site for disposal.

Additionally, 3,600 CY of base rock will be imported for the field and 410 CY of pea gravel will be used as drainage fill. For the parking area, and additional 3,490 CY of base rock will be imported as fill.

Future Phases: At the adjacent Pad #4 development, another 3,747 CY of fill will be required, covering an area of approximately 100,000 square feet (SF).

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

Erosion could occur during excavation and construction when soils are disturbed, but will be stabilized with grass, artificial turf or paving as a result of the project.

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

Phase 1: Approximately 10.86% of the site would be covered with impervious pavement. This includes new and existing walkways and new asphalt paving in the

drive lanes of the proposed parking area. The parking area would also include 20,000 sf of pervious concrete at the parking stalls.

Total site area: 390,000SF

New and existing impervious walkways: 15,000 SF

New impervious asphalt at parking: 27,370 SF

New pervious concrete at parking: 20,000 SF

Future Phases: The Pad #4 development could entail 18,000 SF of parking and 27,000 SF of paved paths for a total potential of 45,000 SF of impervious surfaces.

The community building could contribute another 10,000 SF of impervious surface for parking and circulation for vehicles and pedestrians.

- h. Proposed measures to reduce or control erosion, or other impacts to the earth, if any:
Standard erosion control measures including silt fence and catch basin socks will be used.

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.

Construction machinery during construction, as well as emissions from additional vehicles after the project is completed.

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

No.

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

Dust from construction operations controlled by moisture conditioning.

3. Water

- 1) Surface Water:

- 2) 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.

Yes, there is a wetland to the east adjacent to the Phase 1 project site; and, there is an isolated wetland within the BPA corridor south of Pad 4.

- 3) 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.

Possible drainage structures, artificial turf field grading and construction, and parking lot grading and construction will occur within 200 feet of the wetlands.

3) Estimate the amount of fill and dredge material that would be placed in or removed from surface water or wetlands and indicate the area of the site that would be affected. Indicate the source of fill material.

None.

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 location on the site plan.

No.

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.

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.

No.

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.

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.

Stormwater from athletic fields will be routed to a new raingarden along the east edge of the field. The raingarden will provide Enhanced Water Quality treatment before discharging to the wetland buffer in the same location as the existing field discharge. All parking areas runoff will be collected by convectional storm drains and routed to the existing regional stormwater system.

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.

Future Phases: will not impact the isolated wetland within the BPA corridor.

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

Phase 1: Pad #1 athletic fields will be constructed with an under drainage system that collects field water and discharges to a raingarden. No other field runoff is expected. Parking lots will tie into the existing storm system. All other storm water will be naturally retained on site.

4. Plants

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, other

___other types of vegetation

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

Twenty-four (24) deciduous trees and approximately 275,000 SF of grass will be removed.

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

Bald eagles, and ESA listed threatened species are known to nest near Lake Sammamish. The proposal will not have direct impacts on this element of the environment.

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

New street trees and accent plantings will be provided as part of the finished project. Raingarden will be vegetated with native plant materials.

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

None.

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.

Examples include:

birds: hawk, heron, owls, bald eagle, songbirds, other:
mammals: deer, bear, elk, beaver, other: rabbits
fish: bass, salmon, trout, herring, shellfish, other _____

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

None.

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

The Issaquah Basin is part of the Pacific flyway for migratory bird species.

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

None. Field lighting has been used by birds for nesting opportunities.

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

None.

6. Energy and Natural Resources

a. What kinds of energy (electric, natural gas, oil, wood stove, solar) will be used to meet the completed project's energy needs? Describe whether it will be used for heating, manufacturing, etc.

Electricity from city provider will be used to light fields, parking lot and walkways.

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:

High efficiency LED field lighting will be installed. The amount of grass requiring routine watering will be reduced.

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.

No.

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 known.

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.

Diesel fuel for construction vehicles.

- 4) Describe special emergency services that might be required.
None.
- 5) Proposed measures to reduce or control environmental health hazards, if any:
Construction vehicles will not be fueled on site without containment measures.

b. Noise

- 1) What types of noise exist in the area which may affect your project (for example: traffic, equipment, operation, other)?
None.
- 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.
Traffic, user and crowd noise during scheduled field and casual park use.
- 3) Proposed measures to reduce or control noise impacts, if any:
Construction activities will be limited to standard City of Issaquah construction hours. Scheduled field use will comply with the City's noise ordinance.

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 a public park with athletic fields. The project will likely increase use of the site for the same purpose.
- 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.
Picnic shelter, play structure, restrooms, chain link backstop and dugouts.
- d. Will any structures be demolished? If so, what?
Yes. The backstop, wing fencing, and dugouts will be demolished.
- e. What is the current zoning classification of the site?
Urban Village.
- f. What is the current comprehensive plan designation of the site?

Urban Village.

- g. If applicable, what is the current shoreline master program designation of the site?
Not applicable.
- h. Has any part of the site been classified as a critical area by the city or county? If so, specify.
Adjacent mapped wetlands, coal mine hazard.
- 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:
Not applicable.
- l. Proposed measures to ensure the proposal is compatible with existing and projected land uses and plans, if any:
The Central Park site development plan is being updated through the applicable City process in conjunction with the proposal.
- 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.
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:
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?
Field light standards will be 70-90 feet in height.
- b. What views in the immediate vicinity would be altered or obstructed?
Homes to the east will have a filtered view of field light standards.

- c. Proposed measures to reduce or control aesthetic impacts, if any:
Field lighting standards will be painted black to reduce visual impacts.

11. Light and Glare

- a. What type of light or glare will the proposal produce? What time of day would it mainly occur?
Athletic field lighting will be provided typically until 10:00 p.m. In special circumstances or upon rare occasion, the hours of operation may be extended. Low level lighting will also be provided for safety in the parking lot and along pedestrian pathways.
- b. Could light or glare from the finished project be a safety hazard or interfere with views?
Field light poles will be partially viewable from residences to the east.
- 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:
All lighting installed throughout the project site (field lighting, parking lot lighting and pathway lighting) will be LED. The LED field lighting is state of the art and has tightly controlled light distribution pattern at field.

12. Recreation

- a. What designated and informal recreational opportunities are in the immediate vicinity?
Athletic fields, play structures and passive recreation area.
- b. Would the proposed project displace any existing recreational uses? If so, describe.
The Pad #1 project might displace unprogrammed passive recreation activities occurring on the current under-utilized athletic fields. The proposal mitigates this displacement by providing passive recreational space in the Pad #4 proposal.
- d. Proposed measures to reduce or control impacts on recreation, including recreation opportunities to be provided by the project or applicant, if any:
Future planned projects (Central Park Pad #4) may provide additional passive park space.

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.
No.
- 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.
The project area falls within areas previously disturbed by logging, grazing and filling activities for residential development. The probability is low for encountering intact significant archaeological resources based on the level of prior disturbance, lack of archaeological or ethnographic evidence and distance from freshwater sources. Prior cultural resources surveys in the area did not encounter cultural resources and no sites are recorded in the area. The project site sits upon 30 + feet of imported fill. An IDP (Unanticipated Discovery Plan) is in place should a discovery take place.
- 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.

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.
Site will continue to be accessed via Park Drive, College Drive and 24th Ave NE.
- 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 nearest bus stop is less than 0.25 miles away on Park Drive.
- c. How many additional parking spaces would the completed project or non-project proposal have? How many would the project or proposal eliminate?
Phase 1: The Project proposes to increase parking by 58 cars.

Future Phases: Development of Pad #4 and the community building sites would add +/- 57 additional parking stalls. Additional parking under the BPA easement, adjacent to the bike park will provided approximately 32 spaces.
- 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).
Potential traffic control enhancements may be required at the Park Drive or College Drive entrance to the site. See Traffic Report.
- 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?
See traffic report.

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:
See traffic report.

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.
No.

b. Proposed measures to reduce or control direct impacts on public services, if any.
None.

16. Utilities

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

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

Water and sewer are available from the City of Issaquah. Puget Sound Energy provides electricity and gas service and Century Link provides telephone to the project site.

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: *Jennifer Link*
Name of signee *Jennifer Link*
Position and Agency/Organization *City of Issaquah*
Date Submitted: *10/29/10*