

Department of Natural Resources and Parks
Parks and Recreation Division
King Street Center
201 South Jackson Street, Suite 5702
Seattle, WA 98104
http://www.kingcounty.gov/parks

SEPA ENVIRONMENTAL CHECKLIST

A. Background

1. Name of proposed project, if applicable:

Upper Bear Creek House Demolition and Site Restoration

2. Name of applicant:

King County Department of Natural Resources and Parks

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

Annie Mathews, Capital Project Manager King County Parks and Recreation Division 201 South Jackson Street, Room 5702 Seattle, WA 98104 206-477-7372 (SEPA) KCParks.SEPA@kingcounty.gov

4. Date checklist prepared:

9/19/2023

5. Agency requesting checklist:

King County Department of Natural Resources and Parks

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

Construction November/December 2023

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

No.

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

King County Historic Preservation Program Review

Cultural Resources Assessment for the Bear Creek Verschuyl Demolition Project (Willamette Cultural Resources Associates, LTD., 2023)

Project information is available for review on the King County website at http://www.kingcounty.gov/parks/publicnotices

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.

Not applicable

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

King County Department of Local Services Permitting Division

- Demolition Permit
- Clearing and Grading Permit

State Department of Archaeology & Historic Preservation Concurrence Letter

11. Give a 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.)

This project includes demolition of a single-family residence and associated structures, including any abatement required for hazardous building materials prior to disposal. Demolition and disposal of all man-made structures, including one house with deck, carport, sheds, concrete slabs, asphalt driveway, wood fences and posts, decommissioning of a well, and decommissioning and removal of a septic tank would occur. Demolition would incorporate deconstruction/salvage of reusable building materials. Up to 6 inches of hog fuel will be applied at all areas of ground disturbance. The site will be replanted with native vegetation during the next seasonal planting window, restoring it to natural land for ecological purposes, and incorporated into the Upper Bear Creek Natural Area.

This property was a donation to King County Parks and the doner conditioned that their donation be used for purposes of ecological restoration which includes removal of all manmade structures on the property. The residence is over 45 years old and therefore

was evaluated for historical significance. The residence is recommended to be eligible for listing in the National Register of Historic Places; however, the donor explicitly donated the property with the understanding that the house would be demolished. King County is proposing mitigation measures to offset removal of the house. See in Section B.13 for more details.

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.

Parcel 0826069090 – 17226 208th Ave NE, Woodinville, WA 98077. Section SE – 8 – Township 26N – Range 6E

B. Environmental Elements

- 1. Earth
- a. General description of the site:

Circle or highlight one: <u>Flat</u>, rolling, <u>hilly</u>, steep slopes, mountainous, other: Heavily forested.

- b. What is the steepest slope on the site (approximate percent slope)? 16%
- 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.

According to the United States Department of Agriculture Natural Resources Conversation Service Web Soil Survey tool, the soil in the Project Area is mapped as Alderwood gravelly sandy loam. The northeastern most corner of the parcel is composed of Seattle Muck.

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

There is no known history of unstable soils in the project area. There is no channel migration hazard along Bear Creek on the east portion of the partial. The eastern border of the parcel is within the FEMA 100-year floodplain, but the floodplain does not extend into the project area.

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.

Grading will be required in the project area to restore the area to natural conditions after demolition of the structures. Approximate area to be cleared and graded is 0.25 acres. No

excavation will occur, and no dirt or soil will be removed from the site.

Approximately 200 cubic yards of hogfuel will be imported and spread across the site to stabilize it. Compost may be imported as part of the replanting, but the exact quantities of compost, if needed, would be determined in the field.

The 250-gallon septic tank (approximately 24 square feet of surface area) will be pumped out by a septic company, disposed of at an approved site, and then the tank will be removed. The hole will be backfilled with native material from onsite if possible. Fill will only be imported if necessary and the exact quantity would be determined in the field.

- f. Could erosion occur because of clearing, construction, or use? If so, generally describe. Yes, however, Best Management Practices (BMPs) shall be used during all work to avoid and minimize potential impacts, including the application of appropriate temporary erosion and sediment control (TESC) BMPs in the Washington State Department of Ecology Stormwater Management Manual for Western Washington (2019) and King County Surface Water Design Manual (2016).
- g. About what percent of the site will be covered with impervious surfaces after project construction (for example, asphalt or buildings)?
 Zero percent. All existing impervious surface will be removed as part of this project.
- h. Proposed measures to reduce or control erosion, or other impacts to the earth, if any. TESC measures such as Coir logs, etc. will be used to protect the site from erosion.
- 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.

Short-term air emissions from trucks and excavator will occur during construction. In the long-term, removal of the existing structures and restoration of the site with native vegetation will increase the carbon sequestration potential for the site, thus reducing greenhouse emissions.

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. Equipment will not be allowed to idle on the site.
- 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.

Yes, Bear Creek flows through the southeast corner of the parcel. The parcels directly to the east contain wetlands. These critical areas do not extend into the project area.

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 house and all other structures will be deconstructed/demolished and removed from the site. Disturbed areas will be stabilized with up to 6 inches of hog fuel. The site will then be replanted with native vegetation during the next seasonal planting window.

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 a 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. The project area itself is outside of floodplain although portion of the parcel to the east of the project area is within the floodplain. No work will occur within the 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.
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 a 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 (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. None
- 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.

Precipitation is the source of runoff from the site. The site is being restored to natural land. Runoff will follow natural flow patterns and either infiltrate into the ground or runoff into Bear Creek.

- 2) Could waste materials enter ground or surface waters? If so, generally describe.
- 3) Does the proposal alter or otherwise affect drainage patterns in the vicinity of the site? If so, describe.

Drainage patterns will be restored to natural conditions by removing all manmade structures and restoring the site to natural land.

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

Site will be replanted with native vegetation.

4. Plants

a.	Check the types of vegetation found on the site:
	☑ deciduous tree: alder, maple, aspen, other
	☑ evergreen tree: fir, cedar, pine, other
	☐ grass
	□ pasture
	☐ crop or grain
	\square orchards, vineyards, or other permanent crops.
	<u>⋈</u> wet soil plants: cattail, buttercup, bullrush, skunk cabbage, other
	☐ water plants: water lily, eelgrass, milfoil, other
	☑ other types of vegetation: Mature woody shrubs i.e., Rhododendron and Azalea

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

Evergreen and deciduous branches will be pruned along the driveway for equipment access. Landscaped shrubs that grow within the footprint of the construction area will be removed.

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

The <u>Washington Department of Natural Resources Washington Natural Heritage Program Data</u>
<u>Explorer online tool</u> was checked on September 17, 2023 for known occurrences of threatened or endangered plant species. No threatened and endangered plant species are known to be on or near the site.

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

All temporarily disturbed areas will be stabilized with up to 6 inches of hog fuel and replanted with native vegetation during the next seasonal planting window following demolition.

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

No noxious weeds or invasive species have been observed on or near the site. Noxious weeds or invasive species will be removed if found during the site restoration project.

5. Animals

a. List any birds and other animals that 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:
- Mammals: deer, bear, elk, beaver, other:
- Fish: bass, <u>salmon</u>, trout, herring, shellfish, other:

Unknown.

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

The Washington Department of Fish and Wildlife Priority Habitat and Species on the Web tool was checked on September 17, 2023 for occurrences of threatened and endangered species within 0.5 mile of the project site. Chinook salmon and steelhead (federal threatened species) and coho salmon (federal candidate species) and their associated breeding habitat are present in Bear Creek adjacent to the project area. No other threatened or endangered species or species protected under King County Code 21A.24.382 have been identified as occurring within or adjacent to project area.

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

The project site is located within the Pacific Flyway, which is a major north-south route of travel for migratory birds in America, extending from Alaska to Patagonia. Migrating and nesting birds within the project area will be protected under the Migratory Bird Treaty Act.

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

No work will occur within or in the vicinity of Bear Creek. TESC measures will be used to protect Bear Creek from sediment-laden stormwater. The site will be replanted with native vegetation and restored to natural land.

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

None known.

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.

None. The complete project will not require any energy.

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.
Not applicable.

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 because of this proposal? If so, describe.
- 1) Describe any known or possible contamination at the site from present or past uses.

 The Washington State Department of Ecology Confirmed and Suspected Contaminated Sites mapping tool was checked on September 18, 2023 and did not identify any contaminated sites with one mile of the project address. The mapping tool did note that the site is located with the map Tacoma Smelter Plume which means that the surface soil may contain higher than normal levels of arsenic and lead; however, no soil is being exported as part of this project, so additional soil testing is not proposed.

The existing structures may contain hazardous materials such as asbestos or lead paint.

- 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. Not applicable.
- 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. Not applicable.
- **4)** Describe special emergency services that might be required. Not applicable.
- 5) Proposed measures to reduce or control environmental health hazards, if any.

 Abatement work will remove, recycle or dispose of any hazardous building material as required by applicable federal, state, and local regulations prior to deconstruction or salvage of reusable building material.

b. Noise

- 1) What types of noise exist in the area which may affect your project (for example: traffic, equipment, operation, other)?
 Not applicable.
- 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 will generate short-term noise on weekdays during construction between approximately 7am and 4pm.

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

Operation of construction equipment will follow the operating hours specified in King County Ordinance, Title 12, Public Peace, Safety and Morals which limits heavy equipment operation to 7am to 7pm on weekdays and 9am to 7pm on weekends. Construction is not anticipated on the weekends for this project. In addition, construction equipment will not be allowed to idle on site.

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 current use of the site is single residence. The adjacent properties consist of single family residences and Upper Bear Creek Natural Area. The site will be restored to natural land, incorporated into the Upper Bear Creek Natural Area.

- 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 because 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.
- 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? Not applicable.
- c. Describe any structures on the site.

Single family residence, carport, sheds, wood fence & posts, septic system, private well

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

All manmade structure will be demolished.

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

RA-5 (Rural Area, one DU per 5 acres)

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

RA (Rural Area)

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

 None mapped.
- Has any part of the site been classified as a critical area by the city or county? If so, specify.

None within the immediate project area but Bear Creek and associated wetlands are adjacent to the project area.

- 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. The existing structure is already vacant.
- k. Proposed measures to avoid or reduce displacement impacts, if any. Not applicable.
- I. Proposed measures to ensure the proposal is compatible with existing and projected land uses and plans, if any.

This proposal is consistent with the <u>King County the King County Open Space Plan: Parks, Trails, and Natural Areas</u> which provides a framework for how the county plans, developments, manages and expands its parks system.

m. Proposed measures to reduce or control impacts to 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.

Not applicable.

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

One single-family residence

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?

Not applicable. All existing structures will be removed.

- b. What views in the immediate vicinity would be altered or obstructed? Not applicable.
- c. Proposed measures to reduce or control aesthetic impacts, if any.

Not applicable.

11. Light and Glare

- a. What type of light or glare will the proposal produce? What time of day would it mainly occur? Not applicable.
- b. Could light or glare from the finished project be a safety hazard or interfere with views? Not applicable.
- c. What existing off-site sources of light or glare may affect your proposal? Not applicable.
- d. Proposed measures to reduce or control light and glare impacts, if any. Not applicable.

12. Recreation

- a. What designated and informal recreational opportunities are in the immediate vicinity? The Upper Bear Creek Natural Area provides opportunities for passive recreation such as walking and hiking.
- b. Would the proposed project displace any existing recreational uses? If so, describe.

 No. The proposed project will increase the acres of the Upper Bear Creek Natural Area.
- Proposed measures to reduce or control impacts on recreation, including recreation opportunities to be provided by the project or applicant, if any.
 Not applicable.

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? If so, specifically describe.

One historic residence, the Juanita and Ronald Verschuyl House, which is recommended as eligible for listing in the National Register of Historic Places (NRHP), is in the project area. The Verschuyl House is significant under Criterion C of the NRHP with a period of significance of 1973, encapsulating the year of construction. The resource is an important example of a late mid-century ranch type building constructed in the flat-roof Contemporary style, which adapts to and becomes part of its surrounding landscape. The residence has high artistic value, with a portion of the house spanning an artificial creek, and with large walls of glass diminishing the barriers between the surrounding landscape and the interior of the house. Importantly, the house has had very few changes, it retains most of its original character-defining materials and design elements, has had only one owner, and is thus a rare example of a house of this age with such a high level of historic integrity in good condition. The house is also eligible as a King County Landmark under King County Landmark Criterion A3. This historic property will be demolished by the project.

There are no other known buildings, structures, or sites, located in or immediately adjacent to the proposed project areas that are over 45 years old, listed in, or eligible for listing in any national state, or local preservation registers. The closest recorded archaeological resource is 45KI22, a freshwater mussel shell midden, that is eligible for listing in the NRHP and as a King County Landmark. Site 45KI22 is 0.45 miles north of the project and will not be impacted.

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.

The King County Historic Preservation Program reviewed the proposed project as part of Cultural Resource Request 21-143 and determined there is high potential for encountering cultural resources in the project area based on the natural and cultural setting along Bear Creek. The risk for encountering intact archaeological resources, however, is tempered based on the project-specific geomorphology and land use history. Background research did indicate an historical residence is on the property.

Except for the recorded Verschuyl House to be demolished, there are no other known recorded landmarks, features, burials, cemeteries, artifacts, historic properties, or archaeological sites in or immediately adjacent to the proposed project. The historical Verschuyl House was inventoried and evaluated as part of a cultural resources assessment for this demolition (Stoner et al. 2023). There are no other known areas of cultural importance in the project area.

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 King County Historic Preservation Program reviewed several proxies, such as aerial images, soils, historical maps, the state database of known resources and previous cultural resources investigations, and predictive GIS mapping and modeling to assess potential impacts to cultural and historic resources at or near the project, pursuant to King County LUD 16-1-1-EP for cultural resources review and protection. King County also contacted interested Tribes to inform them about the project, to solicit comments or concerns, and to exchange information about potential impacts to cultural and historic resources in or near the project area. Based on the result of Historic Preservation Program review, research, and tribal coordination, the project area was surveyed by cultural resources management professionals prior to project work.

Nine shovel probes were excavated in the project area as part of archaeological survey for this demolition (Stoner et al. 2023). The probes reached between 100 and 116 centimeters deep and no significant cultural materials were identified. Another 18 shovel probes were

excavated immediately east of the project area, in the lower elevations along Bear Creek, and no significant cultural materials were observed (Rinck 2022, 2023). Other past archaeological surveys in the project vicinity were also negative for cultural resources (Demuth et al. 2008; Robinson 1995, 1996).

An architectural historian conducted a survey of the built environment in the project area, and recorded and evaluated the Verschuyl House as part of a cultural resources assessment for this demolition (Stoner et al. 2023).

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.

The project will have a negative impact on the NRHP-eligible Juanita and Ronald Verschuyl House (Property ID 731339). Negative impacts to this historic property will be mitigated through consultation with the King County Historic Preservation Program and the Washington State Department of Archaeology and Historic Preservation. Mitigation for demolition of the historic house may include preparation of landmark nomination documents, context statements related to the resource type, or a historic survey and inventory of similar properties in the community. Mitigation may also take the form of educational programs, interpretive signage, artwork, websites, social media events, public amenities, or other types of programming.

Efforts will be made to conduct mitigation at the project property or to ensure that mitigation will benefit similar historical resources in the area. However, since public access is not planned at the project property, funds may be deposited into a local mitigation fund to help with other historic preservation projects throughout the community. Mitigation funds would be earmarked for future research, interpretation, or educational programming focused on the historic built environment.

At minimum, King County will preserve the original plans for the house and King County will deconstruct the house in a manner that allows for salvage of any usable components or materials.

No excavation permits are currently required to complete the project. Negative impacts to archaeological resources are not expected during this project. Project work will be completed by crews that have been trained in how to recognize buried cultural resources and what to do if they are found, following the King County Parks Inadvertent Discovery Plan (IDP). If future field investigations identify cultural resources, King County will obtain any needed state-issued Excavation Permits, as needed, prior to project ground disturbance.

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.

Not applicable.

- 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?
 Not applicable.
- c. 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.

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

No.

- e. 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?

 Not applicable.
- f. 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.
- g. Proposed measures to reduce or control transportation impacts, if any. Not applicable.

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.
 Not applicable.
- **b.** Proposed measures to reduce or control direct impacts on public services, if any. Not applicable.

16. Utilities

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

The site currently has a septic system and private well, both which will be decommissioned as part of the project. Electricity has been shut off.

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. None. The site will be restored to natural land and incorporated into the Upper Bear Creek Natural Area.

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.

DocuSigned by:	
anie Mathais	9/19/2023 1:07 PM PD
27610A14595E443	Date:

Signee and Position: Annie Mathews, Capital Project Manager

Agency/Organization: King County Parks and Recreation Division