

## **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:*** [\[help\]](#)

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

The checklist questions apply to all parts of your proposal, even if you plan to do them over a period of time or on different parcels of land. Attach any additional information that will help describe your proposal or its environmental effects. The agency to which you submit this checklist may ask you to explain your answers or provide additional information reasonably related to determining if there may be significant adverse impact.

### ***Instructions for Lead Agencies:***

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:*** [\[help\]](#)

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** [\[help\]](#)

1. Name of proposed project, if applicable: [\[help\]](#)  
Cross Kirkland Corridor Improvements
2. Name of applicant: [\[help\]](#)  
SRMK II
3. Address and phone number of applicant and contact person: [\[help\]](#)  
111 N. Post St., Ste. 200; Spokane, WA 99201; 425-629-4437, Dave Tomson
4. Date checklist prepared: [\[help\]](#)
5. Agency requesting checklist: [\[help\]](#)  
City of Kirkland
6. Proposed timing or schedule (including phasing, if applicable): [\[help\]](#)  
Begin earthwork in September, 2014.

7. Do you have any plans for future additions, expansion, or further activity related to or connected with this proposal? If yes, explain. [\[help\]](#) City of Kirkland does. This project is part of the Cross Kirkland Corridor Master Plan.

8. List any environmental information you know about that has been prepared, or will be prepared, directly related to this proposal. [\[help\]](#)

Geotechnical Engineering Report by Terracon Consultants, Inc., dated 3/19/14.

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. [\[help\]](#)

Yes, BNR14-03425 - Google Pedestrian Bridge. The bridge project will span over the CKC, and also has 3 columns that fall within the CKC boundary.

10. List any government approvals or permits that will be needed for your proposal, if known. [\[help\]](#)

Land Surface Modification (Grading) Permit, City of Kirkland

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.) [\[help\]](#)  
The project is a privately developed park approximately 2.75 acres in size. The project includes the following: basketball court, volleyball court, play area, plaza, bicycle/pedestrian trail, open space areas.

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. [\[help\]](#)

The project is part of the larger Cross Kirkland Corridor Master Plan. The project is located between 6th St. S. and 5th Pl. S. opposite 7th Ave. S. It lies between the Google Phase 1 and Phase 2 campuses.

## **B. ENVIRONMENTAL ELEMENTS [\[help\]](#)**

### **1. Earth**

a. General description of the site [\[help\]](#)

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

b. What is the steepest slope on the site (approximate percent slope)? [\[help\]](#)

The steepest slope on the site is 50% on the east side of the site.  
The rest of the site slopes at approximately 2% from east to west.

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. [\[help\]](#)

See the Geotechnical Engineering Report (attached with permit application).

- d. Are there surface indications or history of unstable soils in the immediate vicinity? If so, describe. [\[help\]](#)  
No
- 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. [\[help\]](#)  
The purpose of filling, excavation and grading is to execute the design intent of the project. Excavation equals 8400 cy, fill equals 200cy.
- f. Could erosion occur as a result of clearing, construction, or use? If so, generally describe. [\[help\]](#) Significant erosion is unlikely to occur. The steep but relatively short slope along the eastern edge may produce some temporary localized erosion which will be confined within the project limits.
- g. About what percent of the site will be covered with impervious surfaces after project construction (for example, asphalt or buildings)? [\[help\]](#)  
30%
- h. Proposed measures to reduce or control erosion, or other impacts to the earth, if any: [\[help\]](#)  
A temporary erosion and sediment control plan will be implemented during construction. Planting with native plants will control erosion in the permanent condition

## 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. [\[help\]](#) During construction there would be motor vehicle emissions from construction equipment. When the project is completed there will be no emissions.
- b. Are there any off-site sources of emissions or odor that may affect your proposal? If so, generally describe. [\[help\]](#)  
No.
- c. Proposed measures to reduce or control emissions or other impacts to air, if any: [\[help\]](#)  
Best management practices including watering of bare soil shall be done as required by the City and County to control dust on site.

## 3. Water

- a. Surface Water: [\[help\]](#)
- 1) Is there any surface water body on or in the immediate vicinity of the site (including year-round and seasonal streams, saltwater, lakes, ponds, wetlands)? If yes, describe type and provide names. If appropriate, state what stream or river it flows into. [\[help\]](#)  
No
  - 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. [\[help\]](#)  
No
  - 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. [\[help\]](#)  
Not applicable
  - 4) Will the proposal require surface water withdrawals or diversions? Give general description, purpose, and approximate quantities if known. [\[help\]](#)  
No

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

[\[help\]](#)

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. [\[help\]](#)

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. [\[help\]](#)

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. [\[help\]](#)

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. [\[help\]](#) The source of water will be from precipitation. A system of drains and conveyance piping will connect to the City's storm drain system and be discharged directly to Lake Washington.

2) Could waste materials enter ground or surface waters? If so, generally describe. [\[help\]](#)

No

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

No

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

An overall reduction of impervious surfaces will result in reduced runoff.

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

a. Check the types of vegetation found on the site: [\[help\]](#)

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? [\[help\]](#)  
Any existing vegetation will be removed from within the limits of work.
- c. List threatened and endangered species known to be on or near the site. [\[help\]](#)  
None known.
- d. Proposed landscaping, use of native plants, or other measures to preserve or enhance vegetation on the site, if any: [\[help\]](#)  
Other than the two play areas all pervious areas of the site will be covered with plants. Native plants will be used wherever possible.
- e. List all noxious weeds and invasive species known to be on or near the site.  
None known.

## 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: [\[help\]](#)

birds: hawk, heron, eagle, songbirds, other:  
mammals: deer, bear, elk, beaver, other: squirrels  
fish: bass, salmon, trout, herring, shellfish, other \_\_\_\_\_

- b. List any threatened and endangered species known to be on or near the site. [\[help\]](#)  
None known
- c. Is the site part of a migration route? If so, explain. [\[help\]](#)  
No
- d. Proposed measures to preserve or enhance wildlife, if any: [\[help\]](#)  
The project enhances wildlife by using many native plants.
- 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. [\[help\]](#)  
Electric energy will be used to power lights and the irrigation controller.
- b. Would your project affect the potential use of solar energy by adjacent properties?  
If so, generally describe. [\[help\]](#)  
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: [\[help\]](#)  
High efficiency LED lighting will be used throughout the project. There are no other elements or equipment that will require energy.

## 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. [\[help\]](#)  
No

- 1) Describe any known or possible contamination at the site from present or past uses.
- 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.
- 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.
- 4) Describe special emergency services that might be required.
- 5) Proposed measures to reduce or control environmental health hazards, if any:

**b. Noise**

- 1) What types of noise exist in the area which may affect your project (for example: traffic, equipment, operation, other)? [\[help\]](#)  
Traffic noise from 7th Ave. S. and 5th Pl. S. may 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. [\[help\]](#) On a short term basis there will be noise from construction related activities during the day time. On a long term basis there might be noise from the project play areas.
- 3) Proposed measures to reduce or control noise impacts, if any: [\[help\]](#)  
Construction equipment employ mufflers to reduce noise.

**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. [\[help\]](#) The site was a former railroad line. It is currently being used as a staging area for Google Phase 2. The proposal will not affect land uses on adjacent properties.
- 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? [\[help\]](#) The project site has not been used as working farmlands or forestlands.
  - 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:  
Not applicable. There are no working farm or forestlands nearby.
- c. Describe any structures on the site. [\[help\]](#)  
There are no structures on the site.
- d. Will any structures be demolished? If so, what? [\[help\]](#)  
No.
- e. What is the current zoning classification of the site? [\[help\]](#) The site is part of the proposed Cross Kirkland Corridor Master Plan. The property directly east is zoned LIT. The property directly west is zoned PLA 6G(2).
- f. What is the current comprehensive plan designation of the site? [\[help\]](#)  
Commercial
- g. If applicable, what is the current shoreline master program designation of the site? [\[help\]](#)  
Not applicable

- h. Has any part of the site been classified as a critical area by the city or county? If so, specify. [\[help\]](#)  
No
- i. Approximately how many people would reside or work in the completed project? [\[help\]](#)  
The project is a park. No people would reside or work there.
- j. Approximately how many people would the completed project displace? [\[help\]](#)  
None
- k. Proposed measures to avoid or reduce displacement impacts, if any: [\[help\]](#)  
There are no displacement impacts.
- l. Proposed measures to ensure the proposal is compatible with existing and projected land uses and plans, if any: [\[help\]](#) The proposal is a park compatible with the Cross Kirkland Corridor Master Plan.
- m. Proposed measures to ensure the proposal is compatible with nearby agricultural and forest lands of long-term commercial significance, if any:  
Not applicable. There are no nearby agricultural or forestlands.

## 9. Housing

- a. Approximately how many units would be provided, if any? Indicate whether high, middle, or low-income housing. [\[help\]](#)  
Not applicable. Proposal is a park.
- b. Approximately how many units, if any, would be eliminated? Indicate whether high, middle, or low-income housing. [\[help\]](#)  
None
- c. Proposed measures to reduce or control housing impacts, if any: [\[help\]](#)  
Not applicable. Proposal is a park.

## 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? [\[help\]](#) The tallest proposed structure is a climbing structure for the play area. It will be approximately 12-15 feet in height.
- b. What views in the immediate vicinity would be altered or obstructed? [\[help\]](#) Views to and from adjacent properties will be partially obstructed by screening vegetation.
- c. Proposed measures to reduce or control aesthetic impacts, if any: [\[help\]](#)  
The proposal is a park and will employ aesthetically pleasing plants, paving and hardscape materials, and site furniture.

## 11. Light and glare

- a. What type of light or glare will the proposal produce? What time of day would it mainly occur? [\[help\]](#) There will be several pole lights in the project approximately 15-18 feet in height. The lights would generally be on during the night.
- b. Could light or glare from the finished project be a safety hazard or interfere with views? [\[help\]](#)  
No
- c. What existing off-site sources of light or glare may affect your proposal? [\[help\]](#)  
There are lights from existing nearby commercial buildings and residences that may affect the project.
- d. Proposed measures to reduce or control light and glare impacts, if any: [\[help\]](#) None proposed for offsite sources but proposed vegetation for the project might reduce some light and glare. Onsite pole lights will have cutoff shields.

## 12. Recreation

- a. What designated and informal recreational opportunities are in the immediate vicinity? [\[help\]](#)  
Lakeview Elementary School is in the immediate vicinity. The school has a soccer/softball field and basketball courts.
- b. Would the proposed project displace any existing recreational uses? If so, describe. [\[help\]](#)  
No
- c. Proposed measures to reduce or control impacts on recreation, including recreation opportunities to be provided by the project or applicant, if any: [\[help\]](#) The project will not displace any existing recreational uses. The project will provide a full court basketball court, sand volleyball court, climbing/play structure and open space for informal recreation.

**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. [\[help\]](#)  
None known.
- 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. [\[help\]](#)  
None known.
- 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. [\[help\]](#) Since there are no known cultural or historic resources on or near the project site potential impacts were not assessed.
- 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. [\[help\]](#) The site is served by 7th Ave. S. and 5th Pl. S. to the west. See site plan. Access to 6th St. S. is through the Google Phase 1 campus.
- 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? [\[help\]](#) The site is not currently served by public transit. The nearest transit stop is the Metro #236 on 3rd St. to the west of the site.
- c. How many additional parking spaces would the completed project or non-project proposal have? How many would the project or proposal eliminate? [\[help\]](#)  
The project will not have any parking spaces. The project will not eliminate any parking 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). [\[help\]](#)  
No improvements are planned to existing roads, etc. but the project is part of the larger Cross Kirkland Corridor Master Plan.

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

No  
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? [\[help\]](#) It is estimated that the project would generate an average of 6 trips per day for the average weekday condition. The peak volume is estimated to occur between 6pm and 8pm. The project is estimated to generate an average of 23 trips per day for the average weekend condition, the peak volume occurrence is assumed to be random. Trucks would be 0% of the volume.

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: [\[help\]](#)  
None proposed.

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

No

b. Proposed measures to reduce or control direct impacts on public services, if any. [\[help\]](#)  
SRM Development will maintain the proposed improvements after the project is completed.

**16. Utilities**

a. Circle utilities currently available at the site: [\[help\]](#)  
electricity, natural gas, water, refuse service, telephone, sanitary sewer, septic system, other storm drain

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. [\[help\]](#) Proposed utilities for the site include storm drain collection and separate water services for an onsite drinking fountain and irrigation. Improvements to the existing storm drain line to the west will be required to allow the onsite system to gravity flow to the city's system. Water points of connection will take place just off site in the adjacent water easement to the west.

**C. SIGNATURE [\[HELP\]](#)**

The above answers are true and complete to the best of my knowledge. I understand that the lead agency is relying on them to make its decision.

Signature: \_\_\_\_\_



Name of signee Daniel W. Murray, AIA

Position and Agency/Organization Sr. Associate, DLR Group

Date Submitted: July 8, 2014

**D. SUPPLEMENTAL SHEET FOR NONPROJECT ACTIONS** [\[help\]](#)

**(IT IS NOT NECESSARY** to use this sheet for project actions)

Because these questions are very general, it may be helpful to read them in conjunction with the list of the elements of the environment.

When answering these questions, be aware of the extent the proposal, or the types of activities likely to result from the proposal, would affect the item at a greater intensity or at a faster rate than if the proposal were not implemented. Respond briefly and in general terms.

1. How would the proposal be likely to increase discharge to water; emissions to air; production, storage, or release of toxic or hazardous substances; or production of noise?

Proposed measures to avoid or reduce such increases are:

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

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

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

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

4. How would the proposal be likely to use or affect environmentally sensitive areas or areas designated (or eligible or under study) for governmental protection; such as parks, wilderness, wild and scenic rivers, threatened or endangered species habitat, historic or cultural sites, wetlands, floodplains, or prime farmlands?

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

5. How would the proposal be likely to affect land and shoreline use, including whether it would allow or encourage land or shoreline uses incompatible with existing plans?

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

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

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

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