



King County
Department of Development
and Environmental Services
 900 Oakesdale Avenue Southwest
 Renton, WA 98057-5212
206-296-6600 TTY Relay: 711

SEPA CHECKLIST

For alternate formats, call 206-296-6600.

Purpose of the checklist

The State Environmental Policy Act (SEPA), RCW Chapter 43.21 C, requires all governmental agencies to consider the environmental impacts of a proposal before making decisions. An Environmental Impact Statement (EIS) must be prepared for all proposals with probable significant adverse impacts on the quality of the environment. The purpose of this checklist is to provide information to help you and the agency identify impacts from your proposal (and to reduce or avoid impacts from the proposal, if it can be done) and to help the agency decide whether an EIS is required.

Instructions for the applicants

This environmental checklist asks you to describe some basic information about your proposal. Governmental agencies use this checklist to determine whether the environmental impacts of your proposal are significant, requiring preparation of an EIS. Answer the questions briefly with the most precise information known, or give the best description you can.

You must answer each question accurately and carefully to the best of your knowledge. In most cases, you should be able to answer the questions from your own observations or project plans without the need to hire experts. If you really do not know the answer, or if a question does not apply to your proposal, write "do not know" or "does not apply". Complete answers to the questions now may avoid unnecessary delays later.

Some questions ask about governmental regulations such as zoning, shoreline and landmark designations. Answer these questions if you can. If you have problems, the governmental agencies can assist you.

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 impacts.

A. Background

1. Name of the proposed project, if applicable:

Duthie Hill Park Parking Lot

2. Name of applicant:

Chris Erickson, Project Manager, King County Department of Natural Resources and Parks (DNRP), Parks and Recreation Division (PRD)

3. Address and phone number of applicant and contact person:
- | | |
|--------------------------------|-------------------------|
| Applicant: | Contact: |
| Chris Erickson | Mike Janes |
| King County DNRP | DLR Group |
| 201 South Jackson Street, #700 | 901 Fifth Ave Suite 700 |
| Seattle, WA 98104 | Seattle, WA 98104 |
| 206.263.0445 | 206.461.6000 |
4. Date checklist prepared: 06/28/2013
-
5. Agency requesting checklist: King County DPER
-
6. Proposed timing or schedule (including phasing, if applicable):
- 10/09/2012: Scheduled meeting with King County DPER
07/26/2013: Application of Permit to King County DPER
01/17/2014: Bid Award
02/07/2014: Contractor Mobilization
06/06/2014: Project Substantial Completion
7. Do you have any plans for future additions, expansion or further activity related to or connected with this proposal? Yes No If yes, explain.
- King County DNRP intends to construct a connector trail East of the parking lot property and connect to Duthie Hill Park. The future trail will be constructed through a King County Parks trail easement.
8. List any environmental information you know about that has been prepared, or will be prepared, directly related to this proposal.
- Draft Report of Geotechnical Engineering and Hydrogeological Services, dated 08/17/2012 and prepared by Icicle Creek Engineers, Inc.
- Duthie Hill Parking Lot - Wetland Information Memo, dated 11/06/2012 and prepared by Tina Miller, Wetland Ecologist, King County Parks and Recreation Division
- Duthie Hill Park - Wetland Hydrology Assessment, dated 12/03/2012 and prepared by Ed McCarthy, P.E., PS
- Topographic Survey, dated 06/14/2013 and prepared by Saez Consulting Engineers, Inc.

9. Do you know whether applications are pending for government approvals of other proposals directly affecting the property covered by your proposal? Yes No If yes, explain.

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

--King County Clearing and Grading Permit

--Washington State Department of Ecology National Pollutant Discharge Elimination System (NPDES) - Construction Stormwater General Permit

--Washington State Department of Natural Resources Forest Practices 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. (Lead agencies may modify this form to include additional specific information on project description.)

King County Department of Natural Resources and Parks intends to construct a 74 stall parking lot in support of Duthie Hill Park. The project will develop approximately 1.1 acres of the 5 acre parcel and include a small gathering area, an entry sign near Issaquah Fall City Road, and construction of a connector trail to Duthie Hill Park.

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 or sites. 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 to this checklist.

The proposed project is located on King County Parcel Number 132406-9038, immediately Northeast of the intersection of SE Duthie-Hill Road and SE Issaquah-Fall City Road.

Parcel Number: 132406-9038

Quarter-Section-Township-Range: NW-13-24-6

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<p>B. Environmental elements</p> <p>1. Earth</p> <p>a. General description of the site (check one)</p> <p><input type="checkbox"/> Flat</p> <p><input checked="" type="checkbox"/> Rolling</p> <p><input type="checkbox"/> Hilly</p> <p><input type="checkbox"/> Steep slopes</p> <p><input type="checkbox"/> Mountainous</p> <p><input type="checkbox"/> Other: _____</p> <p>b. What is the steepest slope on the site (approximate percent of slope)?</p> <p>2.5:1 (40% slope in very limited areas, much of the site contains slopes between 5% and 20%)</p> <p>c. What general types of soil are found on the site (i.e., clay, sand, gravel, peat, muck)? If you know the classification of agricultural soils, specify them and note any prime farmland.</p> <p>Based on the results of subsurface explorations completed for this project, the site is generally underlain by topsoil and weathered soil overlying ice-contact deposits and glacial till. The weathered soil generally consists of silty sand with variable gravel and cobbles extending to a depth of about 2 to 3 feet. Ice-contact deposits consisting of sand with variable silt, gravel and cobbles are present across much of the site extending to a depth of about 3 to 5 feet. Glacial till, present at depth beneath the weathered soil or the ice-contact deposits, is a relatively impermeable soil consisting of silty sand with gravel and occasional cobbles. According to regional soils mapping by the US Department of Agriculture Natural Resource Conservation Service, the surficial soils at the site have been mapped as Alderwood and Ragnar-Indianola series soils.</p> <p>d. Are there surface indications or history of unstable soils in the immediate vicinity? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If so, describe.</p> <p>e. Describe the purpose, type and approximate quantities of any filling or grading proposed. Indicate source of fill.</p> <p>Grading of the site as required for the construction of the parking lot. Stripping existing forest duff and topsoils. Approximately 4,000 cubic yards of cut and fill. Fill materials will be generally obtained from the cut materials on-site.</p>	

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<p>f. Could erosion occur as a result of clearing, construction or use? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If so, generally describe. Approximately 100 trees will be removed in addition to standard clearing and grubbing on site during construction; this activity will expose bare soil to the effects of erosion. Construction activity is scheduled to begin in May of 2014 and will extend into August of 2014.</p> <p>g. About what percent of the site will be covered with impervious surfaces after project construction (i.e., asphalt or buildings)? 20% - 25%</p> <p>h. Proposed measures to reduce or control erosion or other impacts to the earth, if any: Standard King County temporary erosion and sedimentation control measures will be implemented during construction. Restoration of bare areas will be accomplished by replanting of native plants.</p>	
<p>2. Air</p> <p>a. What types of emissions to the air would result from the proposal (i.e., dust, automobile, odors, industrial wood smoke, greenhouse gases) during construction and when the project is completed? If any, generally describe and give approximate quantities if known? Emissions from heavy construction equipment will occur during construction (approximately 3-4 months) in addition to long-term automobile emissions from users of Duthie Hill Park.</p> <p>b. Are there any off-site sources of emissions or odor that may affect your proposal? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If so, generally describe.</p>	

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<p>c. Proposed measures to reduce or control emissions or other impacts to air, if any:</p> <p>Dust control during construction by use of water trucks will be implemented.</p> <p>3. Water</p> <p>a. Surface:</p> <p>1. Is there any surface water body on or in the immediate vicinity of the site (including year-round and seasonal streams, salt water, lakes, ponds, wetlands)? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If yes, describe type and provide names. If appropriate, state what stream or river it flows into.</p> <p>There is a wetland located across from SE Issaquah Fall City Road on the Endeavour School property and another located across from Duthie Hill Road in the Klahanie development open space tract.</p> <p>2. Will the project require any work over, in or adjacent to (within 200 feet) the described waters? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If yes, please describe and attach available plans.</p> <p>Proposed work will occur within 200 feet of the aforementioned wetlands but outside of the 100 foot buffer, with the exception of County required frontage improvements.</p> <p>3. Estimate the amount of fill and dredge material that would be placed or removed from surface water or wetlands and indicate the area of the site that would be affected. Indicate the source of fill material.</p> <p>None.</p>	

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<p>4. Will the proposal require surface water withdrawals or diversions? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Give general description, purpose and approximate quantities if known.</p>	
<p>5. Does the proposal lie within a 100-year floodplain? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If so, note location on the site plan.</p>	
<p>6. Does the proposal involve any discharges of waste materials to surface waters? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If so, describe the type of waste and anticipated volume of discharge.</p>	
<p>b. Ground</p>	
<p>1. Will groundwater be withdrawn or will water be discharged to groundwater? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Give general description, purpose and approximate quantities if known.</p>	
<p>2. Describe waste material that will be discharged into the ground from septic tanks or other sources, if any (i.e., 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 expected to be served by the system or systems.</p>	
<p>None.</p>	

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<p>c. Water runoff (including stormwater):</p> <p>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.</p> <p>Water runoff will be composed of stormwater. Stormwater will be collected from the paved surfaces and disposed of by dispersal through the native growth areas where possible. Stormwater that cannot be dispersed will be routed through a detention tank and released into the ditch along S.E. Issaquah-Fall City Road. The ditch outfalls through an existing culvert to the Endeavour Elementary School Wetland.</p> <p>2. Could waste materials enter ground or surface waters? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If so, generally describe.</p> <p>d. Proposed measures to reduce or control surface, ground and runoff water impacts, if any:</p> <p>Stormwater management for the site will be in accordance with the 2009 King County Surface Water Design Manual.</p> <p>4. Plants</p> <p>a. Check or circle types of vegetation found on the site:</p> <p><input checked="" type="checkbox"/> Deciduous tree: alder, maple, aspen, other</p> <p><input checked="" type="checkbox"/> Evergreen tree: fir, cedar, pine, other</p> <p><input checked="" type="checkbox"/> Shrubs</p> <p><input type="checkbox"/> Grass</p> <p><input type="checkbox"/> Pasture</p> <p><input type="checkbox"/> Crop or grain</p> <p><input type="checkbox"/> Wet soil plants: cattail, buttercup, bullrush, skunk cabbage, other</p> <p><input type="checkbox"/> Water plants: water lily, eelgrass, milfoil, other</p> <p><input type="checkbox"/> Other _____</p>	

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<p>b. What kind and amount of vegetation will be removed or altered?</p> <p>Approximately 100 mature trees, including Douglas Fir, Western Red Cedar, Big Leaf Maple and Vine Maple, will be removed. Mature trees are considered those with a trunk diameter 12" and greater.</p> <p>c. List threatened or endangered species known to be on or near the site.</p> <p>None known at present time. The plants indicated in responses 4.a. and 4.b. are based on observations by the Landscape Architect and Surveyors. Reference Tree Retention Plan to be included in Permit Documents for more information on tree inventory.</p> <p>d. Proposed landscaping, use of native plants or other measures to preserve or enhance vegetation on the site, if any:</p> <p>Disturbed areas will be re-vegetated with native trees, shrubs and groundcover (Vine Maple, Douglas Fir, Western Red Cedar, Salal, Oregon Grape, Kinnikinnick, etc).</p>	
<p>5. Animals</p> <p>a. Check or circle any birds and animals which have been observed on or near the site:</p> <p><input checked="" type="checkbox"/> Birds: hawk, heron, eagle, songbirds, other</p> <p><input checked="" type="checkbox"/> Mammals: deer, bear, elk, beaver, other raccoon, skunk, opossum,</p> <p><input type="checkbox"/> Fish: bass, salmon, trout, herring, shellfish, other squirrel</p> <p>b. List any threatened or endangered species known to be on or near the site.</p> <p>None known at present time. The animals indicated in response 5.a. are based on site observations by the Landscape Architect and Surveyors.</p> <p>c. Is the site part of a migration route? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If so, explain.</p> <p>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. Every year, migratory birds travel some or all of this distance both in spring and in fall, following food sources, heading to breeding grounds, or travelling to overwintering sites. Migrating and nesting birds within the project area will be protected under the Migratory Bird Treaty Act.</p> <p>Additionally, the Washington Department of Fish and Wildlife, Priority Habitats and Species database was checked on October 1, 2012 and indicates that the project area is not part of other migration routes.</p>	

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<p>d. Proposed measures to preserve or enhance wildlife, if any:</p> <p>The parking facility has been laid-out to maximize tree retention. This facility will allow for a new 74-stall parking lot to be constructed w/in an existing forest with the least amount of possible impact while still providing room for parking, bike paths and associated grading. Approximately 25% of the site will be developed leaving the remaining 75% of the site preserved. It is assumed existing nesting areas are present on-site. Preserving the maximum extent of existing trees (and nesting areas) plus providing new wildlife snags will encourage new nesting areas to be created.</p> <p>6. Energy and natural resources</p> <p>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.</p> <p>The completed project will require little use of energy other than minimal use of tools for periodic maintenance activities.</p> <p>b. Would your project affect the potential use of solar energy by adjacent properties? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If so, generally describe.</p> <p>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:</p> <p>N/A</p>	

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<p>7. Environmental health</p> <p>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? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If so, describe.</p> <p>Yes, there is potential for construction equipment to leak fuel, hydraulic oil, or antifreeze during the limited construction period. There is also the potential for leakage of gasoline, fuel, or antifreeze from vehicles using the parking lot.</p> <p>1. Describe special emergency services that might be required. Emergency services may include fire, police and medical services.</p> <p>2. Proposed measures to reduce or control environmental health hazards, if any: During the construction phase, equipment will be inspected daily for leaks. An emergency spill kit will be kept onsite. The construction equipment will use biodegradable hydraulic fluid. Water quality treatment will be provided for the runoff from the finished parking lots that meets the 2009 King County Surface Water Design Manual requirements.</p> <p>b. Noise</p> <p>1. What types of noise exist in the area which may affect your project (i.e., traffic, equipment, operation, other)? The site is impacted by vehicular noise generated from SE Duthie Hill Road and SE Issaquah-Fall City Road. Additional noise is likely generated from the Endeavour Elementary School site.</p> <p>2. What types and levels of noise would be created by or associated with the project on a short-term or long-term basis (i.e., traffic, construction, operation, other)? Indicate what hours noise would come from the site. Noise from heavy construction equipment will occur during construction (approximately 3-4 months) but will be limited to hours of operation as allowed by King County. Vehicular noise during daylight hours will remain for the long term.</p> <p>3. Proposed measures to reduce or control noise impacts, if any: For multiple reasons (site screening, avoidance of wetland buffers, etc), the parking lot will be located to the far north of the site property. This location, along with existing trees at the street frontage and within the site, will limit noise impact.</p>	

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<p>8. Land and shoreline use</p> <p>a. What is the current use of the site and adjacent properties? The current site is vacant and undeveloped. Surrounding sites consist of residential properties, Endeavour Elementary School, and Duthie Hill Park.</p> <p>b. Has the site been used for agriculture? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If so, describe.</p> <p>c. Describe any structures on the site. None.</p> <p>d. Will any structures be demolished? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If so, what?</p> <p>e. What is the current zoning classification of the site? RA5P</p> <p>f. What is the current Comprehensive Plan designation of the site? Rural Area</p> <p>g. If applicable, what is the current shoreline master program designation of the site? N/A</p>	

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<p>h. Has any part of the site been classified as an "environmentally sensitive" area? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Is so, specify.</p> <p>i. Approximately how many people would reside or work in the completed project?</p> <p>Park maintenance staff will visit the site to monitor and maintain.</p> <p>j. Proposed measures to avoid or reduce displacement impacts, if any:</p> <p>N/A</p> <p>k. Proposed measures to ensure the proposal is compatible with existing and projected land uses and plans, if any:</p> <p>The proposed project will follow all applicable King County Zoning requirements and be permitted through King County DPER. Furthermore, placement of the parking lot, stormwater management, and landscaping will help retain the natural character of the site to the greatest extent possible.</p> <p>9. Housing</p> <p>a. Approximately how many units would be provided, if any? Indicate whether high, middle or low-income housing.</p> <p>None.</p> <p>b. Approximately how many units, if any, would be eliminated? Indicate whether high, middle or low-income housing.</p> <p>None.</p>	

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Agency Use
Only**

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

10. Aesthetics

- a. What is the tallest height of any proposed structure or structures, not including antennas? What is the principal exterior building material or materials proposed?

Site identification and parking lot entry sign is proposed along SE Issaquah-Fall City Road. The sign will be approximately 5' to 8' tall and be constructed of stone, concrete, wood and steel.

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

None.

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

The signage will be designed with a park aesthetic (natural materials, subdued colors) and will not be lit.

11. Light and glare

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

None.

- b. Could light or glare from the finished project be a safety hazard or interfere with views? Yes No If yes, explain:

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Agency Use
Only**

- 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:

N/A

12. Recreation

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

The site will provide trail access to Duthie Hill Park, located Northeast of the project site. Duthie Hill Park provides recreational trails. Play areas are located at the Endeavour Elementary School site.

- b. Would the proposed project displace any existing recreational uses?

Yes No If so, describe.

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

The project will provide parking support for Duthie Hill Park and provide gathering/meeting areas for park users. Kiosk signage will also be provided offering information for Duthie Hill Park.

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Agency Use
Only****13. Historic and cultural preservation**

- a. Are there any places or objects listed on, or proposed for, the national state or local preservation registers known to be on or next to the site?
 Yes No If so, generally describe.

- b. Generally describe any landmarks or evidence of historic, archaeological, scientific or cultural importance known to be on or next to the site.

None.

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

N/A

14. Transportation

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

The property is bounded by Duthie Hill Road to the West and Issaquah-Fall City Road to the South.

- b. Is the site currently served by public transit? Yes No
 If not, what is the approximate distance to the nearest transit stop?

There does not appear to be bus service to SE Issaquah-Fall City Road at Duthie Hill Road. However, there is a bus stop at the intersection of Klahanie Dr SE and SE Issaquah-Fall City Road that is approximately 1 mile from the site.

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Agency Use
Only**

- c. How many parking spaces would the completed project have? How many would the project eliminate?

No parking stalls would be eliminated by the project. 74 stalls are planned to be added to the site.

- d. Will the proposal require any new roads or streets or improvements to existing roads or streets, not including driveways? Yes No
If so, generally describe (indicate whether public or private).

Additional street improvements are not planned but may be required by King County DPER. Such improvements may include bike and/or pedestrian crossings.

- e. Will the project use (or occur in the immediate vicinity of) water, rail or air transportation? Yes No If so, generally describe.

- f. How many vehicular trips per day would be generated by the completed project? If known, indicate when peak volumes would occur.

The average stay at the park is 2 to 4 hours. Assuming turnover of approximately one-quarter of the parking lot during the peak hour would generate approximately 38 trips, which is less than one vehicle per minute consistent with Issaquah-Fall City Road. Peak hours include Saturday from 1:30 to 2:30 pm and Weekday from 3:45 to 4:45 pm.

- g. Proposed measures to reduce or control transportation impacts, in any:

The parking lot entrance will be located in accordance with applicable County road standards and requirements.

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Agency Use
Only****15. Public services**

- a. Would the project result in an increased need for public services (i.e., fire protection, police protection, health care, schools, other)?
 Yes No If so, generally describe.

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

None.

16. Utilities

- a. Check 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.

Utilities are not currently proposed for the project.

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

Date submitted

Check out the DDES Web site at www.kingcounty.gov/permits