



03-111674GC

City of Bellevue Submittal Requirements 27a

**ENVIRONMENTAL CHECKLIST** 4/11/03

If you need assistance in completing the checklist or have any questions regarding the environmental review process, please visit or call the Permit Center (425-452-6864) between 8 a.m. and 4 p.m., Monday through Friday (Wednesday, 10 to 4). Our TTY number is 425-452-4636

**BACKGROUND INFORMATION**

Property Owner: **King County. (City of Bellevue-Easement)**  
Proponent: **City of Bellevue**  
Contact Person: **Don Benson, ASLA, AICP**  
(If different from the owner. All questions and correspondence will be directed to the individual listed.)  
Address: **URS, 1501 4th Avenue, Suite 1400, Seattle, WA 98101**  
Phone: **(206) 438-2027**

Proposal Title: **Stream Rehabilitation Project – Lower Newport Creek**  
Proposal Location: **SW 16, Township 24 North, Range 5 East, W.M. (southeast of Coal Creek Parkway and I-405 intersection) in Bellevue, Washington**  
(Street address and nearest cross street or intersection) Provide a legal description if available.  
Please attach an 8 ½" x 11" vicinity map that accurately locates the proposal site. **(See attached)**

- Give an accurate, brief description of the proposal's scope and nature:
1. General description: **The proposed project involves work to mitigate and improve problems with sediment transport and degraded fisheries habitat in the Newport Creek basin.**
  2. Acreage of site: **Approximately 0.7 acre of affected area.**
  3. Number of dwelling units/buildings to be demolished: **None.**
  4. Number of dwelling units/buildings to be constructed: **None.**
  5. Square footage of buildings to be demolished: **None.**
  6. Square footage of buildings to be constructed: **None.**
  7. Quantity of earth movement (in cubic yards): **Approximately 492 cy of excavation and approximately 592 cy of fill materials.**
  8. Proposed land use: **Same as existing.**
  9. Design features, including building height, number of stories and proposed exterior materials: **N/A**
  10. Other:

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PERMIT PROGRAM

Estimated date of completion of the proposal or timing of phasing:

**The project is proposed for construction in the summer and fall of 2004, subject to permit acquisitions.**

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

No.

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

*URS*  
**Biological Assessment (2003); Wetland Delineation Report (2003). (BA)**  
*URS*  
**Preliminary Geotechnical Evaluation (2001)** *URS* *AMK 12/9/03*

Do you know whether applications are pending for governmental approvals of other proposals directly affecting the property covered by your proposal? If yes, explain. List dates applied for and file numbers, if known.

No.

List any government approvals or permits that will be needed for your proposal, if known. If permits have been applied for, list application date and file numbers, if known.

**JARPA (Submitted on March 10, 2003)  
Clearing and Grading  
Right-of-Way**

Please provide one or more of the following exhibits, if applicable to your proposal. (Please check appropriate box(es) for exhibits submitted with your proposal):

- Land Use Reclassification (rezone) Map of existing and proposed zoning
- Preliminary Plat or Planned Unit Development  
Preliminary plat map
- X** Clearing & Grading Permit (To be submitted)  
Plan of existing and proposed grading  
Development plans
- Building Permit (or Design Review)  
Site plan  
Clearing & grading plan
- Shoreline Management Permit  
Site plan

A. ENVIRONMENTAL ELEMENTS

1. Earth

- a. General description of the site: \_\_\_ Flat \_\_\_ Rolling X Hilly X Steep slopes  
\_\_\_ Mountains \_\_\_ Other

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

**Approximately 70% along the slopes in the stream corridor.**

- c. What general types of soil are found on the site (for example, clay, sand, gravel, peat, and muck)? If you know the classification of agricultural soils, specify them and note any prime farmland.

**Alderwood gravelly sandy loams and Kitsap silt loams. There is no prime farmland.**

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

**There are some indications of unstable soils on steep slopes along Newport Creek.**

- e. Describe the purpose, type, and approximate quantities of any filling or grading proposed. Indicate source of fill.

**The proposed fill includes structural elements such as timber step downs; boulder cascades; deflector/grade control logs to control the streambed gradient, stabilize bedload and add roughness; and boulders to protect stream banks. The approximate quantities are about 592 cy. The source will be local, as available.**

- f. Could erosion occur as a result of clearing, construction, or use? If so, generally describe. *8,712 # of clearing/grading is proposed per 4/9/03*

**There is a potential for some erosion as a result of clearing and construction activities.**

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

**Same as existing - 0%.**

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

**A temporary erosion and sedimentation plan will be in place prior to construction. Construction Best Management Practices (BMPs) will be implemented, including soil stabilization measures, restoration to equal or better than existing conditions, and perimeter and hillslope protection measures, among others.**

*See Construction techniques in Biological Assessment (5.2.2) on file w/ city. JMR 7/22/03*

2. AIR

- a. What types of emissions to the air would result from the proposal (i.e., dust, automobile odors, and industrial wood smoke) during construction and when the project is completed? If any, generally describe and give approximate quantities if known.

**There may be some dust generated by construction activities, along with vehicle emissions from construction activities. The quantities are unknown.**

- 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 the air, if any:

**The ground will be watered down to prevent dust, as needed. Construction vehicles will be used only as necessary and will not be left idling when not in use.**

3. WATER

- a. Surface

- (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. Newport Creek is a tributary of Coal Creek. There are also wetlands adjacent to the creek (Wetlands A through I). The wetlands are described in the wetlands delineation report included as Appendix C in the Biological Assessment (either attached or available for review at the City of Bellevue).**

- (2) Will the project require any work over, in, or adjacent to (within 200 feet) the described waters? If Yes, please describe and attach available plans.

**Yes. The project will require some work within the stream and along streambanks in order to construct the erosion control and improved fish habitat structures.**

- (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.

**Approximately 592 cy of material will be placed in the stream along the project reaches. No work will occur within the adjacent wetlands.**

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

**Yes. There will be temporary dewatering of short stream segments as construction proceeds along the creek. The quantity of dewatering is unknown because the segment lengths are uncertain at this time. Construction will occur during baseflow conditions (less than 1 cfs).**

*Dewatering must be consented w/ Conservation Measures + BMP listed in BA. 8.0 (p. 8) Jmc 7/22/03*

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

**Yes (along the creek).**

(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

(1) Will ground water be withdrawn, or will water be discharged to ground water? Give general description.

**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.

**N/A**

c. Water Runoff (Including storm water)

(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.

**Some runoff may occur from construction activities, particularly where existing vegetation is disturbed. Runoff may flow into Newport Creek.**

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

**No.**

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

**A temporary erosion and sedimentation control plan will be prepared and in place prior to construction. Best Management Practices (BMPs) will also be employed, including full site restoration, soil stabilization and other protective measures.**

4. Plants

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

- deciduous tree: alder, maple, aspen, other: riparian cottonwood
- evergreen tree: fir, cedar, pine, other
- shrubs salmonberry, black berry

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6/9/03

- grass
- pasture
- crop or grain
- wet soil plants: cattail, buttercup, bulrush, skunk cabbage, other
- water plants: water lily, eelgrass, milfoil, other
- other types of vegetation *Ivy, Devils Club, sword fern*

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6/9/03*

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

**A small amount of vegetation near the construction staging areas may be altered. No vegetation is expected to be removed, except a few invasive species where new riparian plantings are proposed.**

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

None.

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

**Areas disturbed during construction will be restored to equal or to better than existing conditions. There will be new riparian plantings using native plants along the stream corridor.**

*Planting to be done in accordance w/ planting Plan sheet L-7, L-8, L-9 received by the City on 5/6 AMR 7/22/03*

5. ANIMALS

a. Check or circle any birds and animals which have been observed on or near the site or are known to be on or near the site:

- Birds: hawk, heron, eagle, songbirds, other:
- Mammals: deer, bear, elk, beaver, other: raccoons, rodents
- Fish: bass, salmon, trout, herring, shellfish, other:

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

**Chinook salmon (threatened) are within the Coal Creek watershed and Lake Washington, but not in Newport Creek.**

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

**Yes, along the stream corridor.**

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

**The proposed project is expected to improve conditions for spawning and rearing of resident and migratory fish species by increasing the amount of habitat in the Coal Creek watershed (including Newport Creek).**

**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 need? Describe whether it will be used for heating, manufacturing, etc.

**Other than fuel for construction vehicles, there will be no energy needs.**

- b. Would your project affect the potential use of solar energy by adjacent properties? If so, generally describe.

**N/A**

- c. What kinds of energy conservation features are included in the plans of the proposal? List other proposed measures to reduce or control energy impacts, if any:

**None.**

**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 special emergency services that might be required.

**In the unlikely event of an accident during construction, emergency medical services might be required.**

- (2) Proposed measures to reduce or control environmental health hazards, if any.

**Emergency services would be contacted in the unlikely event of an accident during construction.**

- 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 long-term basis (for example, traffic, construction, operation, other)? Indicate what hours noise would come from the site.

**There may be short-term construction noise from construction equipment during daytime construction hours (probably 7:00 a.m. to 4:00 p.m.).**

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

**Construction equipment will only operate during daytime hours in conjunction with the City of Bellevue noise ordinance. The equipment will be kept in good operating condition and the engines will not be left idling when not in use.**

## 8. Land and Shoreline Use

- a. What is the current use of the site and adjacent properties?

**Riparian corridor surrounded by residences.**

- b. Has the site been used for agriculture? If so, describe.

**No.**

- c. Describe any structures on the site.

**None.**

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

**N/A**

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

**R-5 (Single-Family Residential)**

*also R-1*

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

**Single-Family Residential**

*Newport Hills Subarea*

*PF/SF-L*

*Public facility / Single-Family  
Low Density*

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

**N/A**

- h. Has any part of the site been classified as an "environmentally sensitive" area? If so, specify.

**The project is in a riparian corridor with steep slopes along the streambanks.**

*Type A*

*Wetlands*

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

**N/A**

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10/10/03*

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

N/A

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

None.

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

None needed.

## 9. Housing

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

N/A

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

N/A

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

None.

## 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?

N/A

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

N/A

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

None.

## 11. Light and Glare

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

N/A

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

N/A

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

None.

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

None.

## 12. Recreation

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

**There are hiking opportunities along nearby trails.**

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

No.

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

None.

## 13. Historic and Cultural Preservation

- a. Are there any places or objects listed on, or proposed for, national, state, or local preservation registers known to be on or next to the site? If so, generally describe.

**There are no known places or objects listed on or proposed for the registers on or next to the site.**

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

**There are no known landmarks or evidence of historic, archaeological, scientific or cultural importance on or next to the site.**

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

None needed.

## 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.

**Generally, the site can be accessed from 119th Avenue SE, 121st Avenue SE, or SE 46th Place.**

- b. Is site currently served by public transit? If not, what is the approximate distance to the nearest transit stop?

**Along 119th Avenue SE.**

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

**None.**

- d. Will the proposal require any new roads or streets, or improvements to existing roads or streets, not including driveways? If so, generally describe (indicate whether public or private).

**No.**

- e. Will the project 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? If known, indicate when peak volumes would occur.

**Probably 10 to 15 vehicles per day (average) during construction. Peak volumes probably would occur near the beginning and end of the construction day.**

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

**None needed.**

## **15. Public Services**

- a. Would the project result in an increased need for the public services (for example: fire protection, police protection, health care, schools, other)? If so, generally describe.

**No.**

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

**None needed.**

## **16. Utilities**

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

**The utilities noted are in the vicinity, but most are not in the stream corridor.**

- 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.**

**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..... *Don Benson, AICP, ASIA*

Date Submitted..... *4/11/03*

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6/9/03  
7/22/03*