



CITY OF KIRKLAND ENVIRONMENTAL CHECKLIST

Purpose of Checklist:

The State Environmental Policy Act (SEPA), Chapter 43.21C RCW, 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 City identify impacts from your proposal, and to reduce or avoid impacts from the proposal, whenever possible

Instructions for Applicants:

This environmental checklist asks you to describe some basic information about your proposal. 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 City staff 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 City may ask you to explain your answers or provide additional information reasonably related to determining if there may be significant adverse impacts.

Use of Checklist for Non-project Proposals:

Complete this checklist for non-project proposals also, even though questions may be answered "does not apply." IN ADDITION, complete the SUPPLEMENTAL SHEET FOR NON-PROJECT ACTIONS (Part D).

For non-project actions, the references in the checklist to the words "project," "applicant," and "property or site" should be read as "proposal," "proposer," and "affected geographic area," respectively.

A. BACKGROUND

1. Name of proposed project, if applicable: Firwood Lane Mobile Home Park
2. Name of applicant: Lisa Pascualy, Managing Member, Firwood Lane LLC.
3. Tax parcel number: 9194100015

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AM PM
PLANNING DEPARTMENT
BY _____

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

Applicant:
Lisa Pascualy C/O
Firwood Lane LLC
4756 University Village Pl. NE
Seattle, WA 98105
(206) 729 0379

Contact:
Bill Shiels
Talasaea Consultants
15020 Bear Creek Rd. NE
Woodinville, WA 98072
(425) 861-7550

5. Date checklist prepared: 11/06/2001

6. Agency requesting checklist: City of Kirkland

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

Construction will begin once the required permits are gathered. Due to the proposal's proximity to the stream, it is likely that construction will begin July 2002. The estimated duration of activity is 1 month.

8. Do you have any plans for future additions, expansion, or further activity related to or connected with this proposal?
No.

9. List any environmental information you know about that has been prepared, or will be prepared, directly related to this proposal.
Geotechnical Engineering Study, Streambank Stabilization, prepared by Terra Associates, Inc.
Slope Stabilization and Stream Enhancement Plan, prepared by Talasaea Consultants.

10. Do you know whether applications are pending for governmental approvals of other proposals directly affecting the property covered by your proposal? If yes, explain.
City of Kirkland Land Surface Modification Permit will be applied for.

11. List any government approvals or permits that will be needed for your proposal, if known.
A Hydraulic Project Approval (HPA) will be applied for through WDFW.

12. Give brief, complete description of your proposal, including the proposed uses, the size and scope of the project and site including dimensions and use of all proposed improvements. 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.

The purpose of the work is to protect and reinforce rockeries that exist on the subject parcel that are currently below accepted engineering standards for prevention against failure or instability (as determined by a geotechnical engineer). This proposal addresses permanent stabilization of rockeries determined to be repairable and removal of rock channel lining on a northwest section of the stream that is showing evidence of scour and undermining where a previous documented failure has occurred. The proposal addressed the removal of this northwest section of rock channel lining, replacement with woody material and relocated rocks, and reconfiguring this portion the existing stream alignment to a more natural character. This proposal further provides removal of invasive non-native plant species (ivy, morning glory,

(and Himalayan blackberry) at selected areas and re(ting with native plant materials, including willow, that (increased stabilization and erosion control.

13. 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.

This proposal comprises 16 mobile home lots that abut a tributary of Juanita Creek. The lots are part of the Firwood Mobile Home Park. Cross streets for the subject lots are NE 124th Street and the vacated 93rd Place NE. The centerline of the stream tributary coincides with the vacated 93rd Place NE right-of-way. The subject site is located in Kirkland, WA, in the southeast quarter of Section 30, Township 26 North, Range 5 east, W.M.

g. About what percent of the site will be covered with impervious surfaces after project construction (for example, asphalt, buildings)?
No additional impervious surfaces are proposed as part of this proposal.

h. Proposed measures to reduce or control erosion, or other impacts to the earth, if any:
The two primary measures to protect against erosion and degradation of water quality will be to construct the project with minimal use of small machinery and temporary diversion of the stream around the construction area, also standard BMP's will be implemented for erosion control and water quality protection.

2. AIR

a. What types of emissions to the air would result from the proposal (i.e., dust, automobile, odors, industrial wood smoke) during construction and when the project is completed? If any, generally describe and give approximate quantities, if known.
The completed project will have no associated emissions. Project construction activities will create minor hydrocarbon emissions from use of small excavation equipment. Hydrocarbon emissions will also be emitted from vehicles as a consequence of bringing construction workers and materials to the jobsite.

b. Are there any off-site sources of emissions or odor that may affect your proposal? If so, generally describe.
None known.

c. Proposed measures to reduce or control emissions or other impacts to air, if any:
Most of the construction work will be completed by hand and will involve only minimal use of small machinery for the demolition of an existing rockery and placement of large woody material.

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.

The proposed construction activity is immediately adjacent to a tributary of Juanita Creek. The tributary drains to Juanita Creek which then drains to Lake Washington. Juanita Creek and its tributary are perennial streams.

- 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, see attached plans for construction activities proposed to occur directly adjacent to and within the tributary stream.
- 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 50 cubic yards of material will be moved, with a balance of cut and fill, to provide meandering character to the stream along with the incorporation of woody material to reconfigure the stream channel at the north end of the site.
- 4) Will the proposal require surface water withdrawals or diversions? Give general description, purpose, and approximate quantities if known.
Yes, approximately 130' of existing stream channel will be temporarily diverted during construction (for approximately one month). Following construction the stream flow will be permanently diverted into 60' of reconfigured channel providing a meandering stream character.
- 5) Does the proposal lie within a 100-year floodplain? If so, note location on the site plan.
Not according to FEMA information.
- 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, purpose, and approximate quantities if known.
No.

- 2) Describe waste material that will be discharged into the ground from septic tanks or other sources, if any (for example: Domestic sewage; industrial, containing the following chemicals...; agricultural; etc.) Describe the general size of the system, the number of such systems, the number of houses to be served (if applicable), or the number of animals or humans the system(s) are expected to serve.
No waste materials will be discharged as part of this proposal.

c. Water Runoff (including storm water):

- 1) Describe the source of runoff (include 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.
This proposal will not contribute any additional storm water requiring treatment.
- 2) Could waste materials enter ground or surface waters? If so, generally describe.
The proposed project will not generate any waste materials.

- d. Proposed measures to reduce or control surface, ground, and runoff water impacts, if any:
Measures to protect water quality during construction may include: 1) Provision of a pump, pipe and dispersal filtration area for treatment of turbid water collected in the construction area. 2). Provision of a supplemental pump and pipe system to insure adequate diversion of the stream. 3). Straw bale, sandbag and silt fence measures for erosion and sediment control during construction. (See Slope Stabilization and Stream Enhancement Plan for TESCP).

4. PLANTS

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

- deciduous tree: alder, maple, aspen, other
- evergreen tree: fir, cedar, pine, other
- shrubs
- grass
- pasture
- crop or grain
- wet soil plants: cattail, buttercup, bullrush, skunk cabbage, other
- water plants: water lily, eelgrass, milfoil, other
- other types of vegetation
- Himalayan blackberry, morning glory, English ivy.

- b. What kind and amount of vegetation will be removed or altered?
English ivy, morning glory and Himalayan blackberry will be removed at new planting areas (amount unknown). An existing vegetable garden will also be removed.
- c. List threatened or endangered species known to be on or near the site.
None known.
- d. Proposed landscaping, use of native plants, or other measures to preserve or enhance vegetation on the site, if any:
All existing native trees including red alder and western red cedar will be retained. Additional native plant material will be used as part of the stream enhancement.

5. ANIMALS

- a. 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
fish: bass, salmon, trout, herring, shellfish, other
- b. List any threatened or endangered species known to be on or near the site.
None known

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

No.

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

The stream enhancement and proposed native re-vegetation will provide enhanced fish and wildlife habitat. Clean, round gravel will be placed in selected locations in the stream channel to enhance aquatic habitat. Incorporation of woody material within the riparian area will further enhance habitat value.

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.
The completed project will have no energy need.
- 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:
The completed project will have no energy need

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.
None.
 - 2) Proposed measures to reduce or control environmental health hazards, if any:
None.
- b. Noise
 - 1) What types of noise exist in the area which may affect your project (for example: traffic, equipment, operation, other)?
None.

2) What types and levels of noise would be created by or associated with the project on a short-term or a long-term basis (for example: traffic, construction, operation, other)? Indicate what hours noise would come from the site.
Short-term noise will be generated by construction activities related to this proposal including construction vehicles and workers on site.

3) Proposed measures to reduce or control noise impacts, if any:
Construction will only occur during City of Kirkland approved construction hours.

8. LAND AND SHORELINE USE

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

b. Has the site been used for agriculture? If so, describe.
No.

c. Describe any structures on the site.
The existing use of the site is a mobile home park with several mobile homes and storage sheds.

The site contains approx
30 mobile homes and
numerous sheds, decks, and fences.
Nineteen of the mobile homes
appear to be located within the
75' stream buffer. - DD

d. Will any structures be demolished? If so, what?
No.

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

f. If applicable, what is the current shoreline master program designation of the site?
N/A

g. Has any part of the site been classified as an "environmentally sensitive" area? If so, specify.
The site contains a Class A stream, as determined by the City of Kirkland, that is a tributary of Juanita Creek.

h. Approximately how many people would reside or work in the completed project.
The proposed project will not alter the density of housing on the subject site. All existing residences on the site will remain.

All existing residences on the site will remain.

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

None.

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

None.

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

The proposed project will provide slope stabilization and stream channel enhancement that will be reviewed by the City of Kirkland and the WDFW.

9. HOUSING

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

None.

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

None.

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

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?

No structures are proposed.

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

None.

- 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?
None.

- b. Could light or glare from the finished project be a safety hazard or interfere with views?
No.

- 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:
None.

12. RECREATION

- a. What designated and informal recreational opportunities are in the immediate vicinity?
The proposed project does not relate to the immediate vicinity in a way that affects recreational opportunities.

- 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. HISTORICAL AND CULTURAL PRESERVATION

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

- 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:
None.

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 proposed project is primarily an improvement to an existing stream. Access to and from public streets is not necessary.

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

- 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 know, indicate when peak volumes would occur.
The completed project will not generate any additional vehicular trips.

g. Proposed measures to reduce or control transportation impacts, if any:
None.

15. PUBLIC SERVICES

a. Would the project result in an increased need for 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.

16. UTILITIES

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

b. Describe the utilities that are proposed for the project, the utility providing the service, and the general construction activities on the site or in the immediate vicinity which might be needed.
None.

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: Arva Paswaly

Date Submitted: 11/20/2007

(Do not 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 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?
The proposed project will not increase discharge to water, create emissions, toxic substances or noise.

Proposed measures to avoid such impacts are:
No measures are proposed.

- 2. How would the proposal be likely to affect plants, animals, fish or marine life?
The proposed project will provide native plant varieties as well as habitat enhancement for fish and wildlife.

Proposed measures to protect or conserve plants, animals, fish or marine life are:
The proposed project will protect and save native trees that exist on the site, additional native plant varieties will be provided. The project will provide habitat enhancement for fish and wildlife.

- 3. How would the proposal be likely to deplete energy or natural resources?
The proposed project will not consume any energy or resources after construction.

Proposed measures to protect or conserve energy and natural resources are:
The scope of the proposed project is slope stabilization and stream enhancement and will not consume any energy or resources after construction.

- 4. How would the proposal be likely to use or affect environmentally sensitive areas or areas designated (or eligible 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?
The proposed project will enhance a section of a Class A stream, as determined by the City of Kirkland, that is a tributary to Juanita Creek.

Proposed measures to protect such resources and avoid such impacts are:
No impacts are expected and no measures are proposed.

5. How would the proposal be likely affect land and shoreline use, including whether it would allow or encourage land or shoreline uses incompatible with existing plans?
The proposed project will not affect land or shoreline use beyond the provision of stabilization measures to protect existing properties and the stream from erosion.

Proposed measures to avoid or reduce shoreline and land use impacts are impacts are:
No impacts are expected and no measures are proposed.

6. How would the proposal be likely to increase demands on transportation or public services and utilities?
The proposed project will have no need for transportation, public services or utilities.

Proposed measures to reduce or respond to such demands are:
No impacts are expected and no measures are proposed.

7. Identify, if possible, whether the proposal may conflict with local, state, or federal laws or requirements for the protection of the environment?
The proposed project will comply with all local, state and federal laws as researched for the permitting of the stream enhancement and applied for as part of this proposal.

