

State Environmental Policy Act Checklist

A. Background

1. **Name of proposed project, if applicable:** Lunday Already-Built Construction
2. **Name of applicant:** Mr. Ronald Lunday
3. **Address and phone number of applicant and contact person:**
15215 162nd Avenue SE
Renton, WA 98058
(760) 638-5010
4. **Date checklist prepared:** September 13, 2021
5. **Agency requesting checklist:** King County Department of Permitting and Environmental Review (DPER)
6. **Proposed timing or schedule (including phasing, if applicable):** Already complete, retroactively permitted
7. **Do you have any plans for future additions, expansion, or further activity related to or connected with this proposal? If yes, explain.**
No
8. **List any environmental information you know about that has been prepared, or will be prepared, directly related to this proposal.**
 - Geologic Hazard Areas Study, GeoResources
 - Critical Areas Study, Confluence Environmental Company
 - Greenhouse Gas Emissions worksheet, applicant
 - Soil management plan, applicant
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.**
No
10. **List any government approvals or permits that will be needed for your proposal, if known.**
 - Clearing and grading permit from King County DPER

- 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.**

Dredge existing drainage ponds, relocate drainage ditch, clear selected trees and shrubs around ponds, extend driveway by replacing rock border with concrete, replace lawn and pathways south of eastern pond with concrete patio, replace other pathways with rock, tile, and brick; change back yard lawn to planting bed, install fence around back yard.

- 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.**

Address: 15215 162nd Avenue Southeast
Renton, WA 98058

RTSQ: A portion of the Southeast Quarter of Section 23, Township 23 North, Range 05 East, W.M.

Legal Description: Lot 7 of Skyfire Meadows/Ridge, according to the plat thereof recorded in Volume 145 of Plats, pages 15 through 20, inclusive, records of King County, Washington. Situated in the County of King, State of Washington.

B. Environmental Elements

1. Earth

- a. **General description of the site:** Mostly flat, steep slopes in northern extents
- b. **What is the steepest slope on the site (approximate percent slope)?** 40 percent
- 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.**

Glacial till and fine sandy loam. Soil units are mapped as Alderwood and Kitsap soils (AkF), gravelly sandy loam, and Puyallup fine sandy loam (Py).

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

The Washington State Department of Natural Resources has mapped a historic landslide with a moderate level of confidence about 680 feet to the east of the site. Mass wasting deposits are also mapped by the DNR extending along the toe of the valley slope.

- 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.**

Total grading activity of about 1,200 cubic yards on the property. The dirt was moved on-site only, there are no substantial imports or exports.

- f. Could erosion occur as a result of clearing, construction, or use? If so, generally describe.**

The soils affected by construction have moderate erosion potential when exposed. The soils on the steep slope are not disturbed. There is no abnormal long-term erosion hazard.

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

About 29 percent

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

The construction work has already been completed; no TESC measures apply. There are no significant permanent erosion hazards associated with the project.

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.**

Exhaust and dust could be generated by construction. There are no ongoing emissions of note, as the completed project is a combination of outdoor hard surfaces and garden areas.

- b. Are there any off-site sources of emissions or odor that may affect your proposal? If so, generally describe.**

None are known

- c. Proposed measures to reduce or control emissions or other impacts to air, if any:**

None apply

Water

a. Surface Water

- 1) Is there any surface water body on or in the immediate vicinity of the site (including year-round and seasonal streams, saltwater, lakes, ponds, wetlands)? If yes, describe type and provide names. If appropriate, state what stream or river it flows into.**

Yes. Year-round drainage ponds and a drainage ditch are located on the north side of the property. Seasonal seeps come from the hill to the north and drain to the ponds. These seeps have been classified as Type O drainage by our environmental consultant.

- 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. Work was completed to clear existing vegetation and replant new plants within the buffers. The drainage ponds and channel were cleaned out to enhance their performance. Nuisance species that contributed debris to the drainage features were removed.

- 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.**

All of the filling and dredging occurred on the property. No material was removed or imported. Approximately 1,200 cubic yards of material was moved.

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

None

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

The proposal is not within a 100-year floodplain to our knowledge.

- 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.**

None

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.

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.***

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.***

Any drainage from the project will be collected in the existing drainage features (the pond and ditch) and will flow to the existing storm drainage system in 162nd Avenue Southeast. This does not constitute a departure from the pre-project drainage patterns.

- 2) Could waste materials enter ground or surface waters? If so, generally describe.***
The risk of waste materials entering groundwater or surface water is not affected by this project.

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

The project improved the drainage capacity and efficacy of the existing drainage features.

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

The soils affected by the project were restored to enhance their ability to sustain plant life and absorb drainage. Dredging of the ponds constitutes a drainage improvement that will contribute to helping the subject property and neighboring properties avoid flooding. It also provides a better path for groundwater seeping from the steep slope, likely constituting an improvement for the the stability of the slope in the long term.

3. Plants

a. **Check the 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
- Orchards, vineyards or other permanent crops.
- Wet soil plants: cattail, buttercup, bullrush, skunk cabbage, other¹
- Water plants: water lily, eelgrass, milfoil, other
- Other types of vegetation

1. Wet soil plants were confined to the constructed pond areas.

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

Approximately 6,820 square feet of the site was disturbed. Vegetation removed included lawn surfaces, trees, and shrubs.

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

None are known.

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

Some native plant species are proposed to be planted near the stream areas. The rest of the area was replanted as a garden.

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

None were observed during field studies.

4. 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:**

birds: ~~hawk, heron, eagle,~~ songbirds, other:

mammals: ~~deer, bear, elk, beaver,~~ other Raccoons, squirrels, typical suburban rodents

~~fish: bass, salmon, trout, herring, shellfish, other~~

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

None are known.

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

Not to our knowledge.

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

The project proposes to introduce native plants which would improve wildlife habitat.

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

None are known.

5. 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.**

No permanent energy is needed for the completed project.

- 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:**

There are no energy conservation features included in the proposal.

6. 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.**

None are known.

- 1) Describe any known or possible contamination at the site from present or past uses.**

None are known.

- 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.**

None

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.

None

4) Describe special emergency services that might be required.

None

5) 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)?

There are no sources of noise nearby that would have any effect on 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.

Noise generated by the project would include those occasional disturbances associated with typical single-family lawn and garden care.

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

None

7. 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.

Nearby and adjacent properties are single-family residences. The project has no impact on land use.

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?

The area has not been used for agriculture in many decades. No net loss of agricultural or resource lands results from the project.

c. 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:

No

d. Describe any structures on the site.

There is an existing home with an attached deck.

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

No structures will be demolished.

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

The zoning of the site is RA-5 according to King County records.

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

The comprehensive plan designation is RA.

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

The project is not within a shoreline area.

i. Has any part of the site been classified as a critical area by the city or county? If so, specify.

Yes. The northern part of the site is near a steep slope and landslide hazard area. There are three groundwater seeps from this hill that qualify as Type O drainage.

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

None. The completed project is a garden.

k. Approximately how many people would the completed project displace?

No one.

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

Not applicable.

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

Not applicable.

n. Proposed measures to reduce or control impacts to agricultural and forest lands of long-term commercial significance, if any:

Not applicable.

8. Housing

- a. ***Approximately how many units would be provided, if any? Indicate whether high, middle, or low-income housing.***
No housing would be created.
- b. ***Approximately how many units, if any, would be eliminated? Indicate whether high, middle, or low-income housing.***
No housing will be eliminated.
- c. ***Proposed measures to reduce or control housing impacts, if any:***
None apply.

9. Aesthetics

- a. ***What is the tallest height of any proposed structure(s), not including antennas; what is the principal exterior building material(s) proposed?***
There are no new structures.
- b. ***What views in the immediate vicinity would be altered or obstructed?***
No views will be affected by the project.
- c. ***Proposed measures to reduce or control aesthetic impacts, if any:***
No measures apply.

10. Light and Glare

- a. ***What type of light or glare will the proposal produce? What time of day would it mainly occur?***
The project does not produce any light or glare.
- 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 apply.

11. Recreation

- a. ***What designated and informal recreational opportunities are in the immediate vicinity?***
There are some urban trails nearby.
- 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 apply.

12. Historic and cultural preservation

- a. ***Are there any buildings, structures, or sites, located on or near the site that are over 45 years old listed in or eligible for listing in national, state, or local preservation registers? If so, specifically describe.***
None.
- 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.***
None have been observed.
- 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.***
No formal cultural resources investigation has been performed.
- 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.***
None are proposed.

13. 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.**

The site has direct access to 162nd Avenue Southeast, a County right-of-way. There are no proposed streets or new access points with the proposal.

- 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?**

The nearest public transit stop is over ¼ mile from 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?**

The proposal generates additional space for one to two vehicles to park on the site.

- 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).**

No

- e. **Will the project or proposal 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 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?**

None

- 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:**

None apply

14. 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.**

No

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

The project has no direct impacts on public services.

15. Utilities

a. **Utilities currently available at the site:**


- Electricity
- Natural gas
- Water
- Refuse service
- Telephone/Communications
- 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.**

The project does not require or alter utilities or utility service.

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:  _____

Name of signee: Frank Marescalco, PE, Owner
Valor Civil Engineering, PLLC

Date Submitted: 9/15/21