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CITY OF MUKILTEO



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ENVIRONMENTAL CHECKLIST

Purpose of checklist:

Governmental agencies use this checklist to help determine whether the environmental impacts of your proposal are significant. This information is also helpful to determine if available avoidance, minimization or compensatory mitigation measures will address the probable significant impacts or if an environmental impact statement will be prepared to further analyze the proposal.

Instructions for applicants:

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

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

Instructions for Lead Agencies:

Please adjust the format of this template as needed. Additional information may be necessary to evaluate the existing environment, all interrelated aspects of the proposal and an analysis of adverse impacts. The checklist is considered the first but not necessarily the only source of information needed to make an adequate threshold determination. Once a threshold determination is made, the lead agency is responsible for the completeness and accuracy of the checklist and other supporting documents.

Use of checklist for nonproject proposals: [\[help\]](#)

For nonproject proposals (such as ordinances, regulations, plans and programs), complete the applicable parts of sections A and B plus the [SUPPLEMENTAL SHEET FOR NONPROJECT ACTIONS \(part D\)](#). Please completely answer all questions that apply and note that the words "project," "applicant," and "property or site" should be read as "proposal," "proponent," and "affected geographic area," respectively. The lead agency may exclude (for non-projects) questions in Part B - Environmental Elements –that do not contribute meaningfully to the analysis of the proposal.

A. Background [\[help\]](#)

1. Name of proposed project, if applicable: [\[help\]](#)

Kakar Property

2. Name of applicant: [\[help\]](#)

Mahmood Kakar

3. Address and phone number of applicant and contact person: [\[help\]](#)

APPLICANT: MAHMOOD KAKAR
13426 46TH PL W
MUKILTEO, WA 98275
KAKARMAHMOOD@GMAIL.COM

CONTACT: WESTERN ENGINEERS, INC.
9740 EVERGREEN WAY
EVERETT, WA 98204
(425) 356-2700.

4. Date checklist prepared: [\[help\]](#)

November 8, 2018

5. Agency requesting checklist: [\[help\]](#)

City of Mukilteo

6. Proposed timing or schedule (including phasing, if applicable): [\[help\]](#)

Within one year of City approval

7. Do you have any plans for future additions, expansion, or further activity related to or connected with this proposal? If yes, explain. [\[help\]](#)

No

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

Drainage report, SWPPP report, Geotechnical report.

9. Do you know whether applications are pending for governmental approvals of other proposals directly affecting the property covered by your proposal? If yes, explain. [\[help\]](#)

None Known

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

Not Known

11. Give brief, complete description of your proposal, including the proposed uses and the size of the project and site. There are several questions later in this checklist that ask you to describe certain aspects of your proposal. You do not need to repeat those answers on this page. (Lead agencies may modify this form to include additional specific information on project description.) [\[help\]](#)

The proposed site improvements consists of clearing and grading approximately 6,500 sf of forested area for the construction of a SFR with a garage and drainage improvements.

12. Location of the proposal. Give sufficient information for a person to understand the precise location of your proposed project, including a street address, if any, and section, township, and range, if known. If a proposal would occur over a range of area, provide the range or boundaries of the site(s). Provide a legal description, site plan, vicinity map, and topographic map, if reasonably available. While you should submit any plans required by the agency, you are not required to duplicate maps or detailed plans submitted with any permit applications related to this checklist. [\[help\]](#)

LOCATED WITHIN SE ¼, NE ¼, SEC. 17, T.28N, R.4E
9180 63rd PL W, MUKILTEO, WA 98275. TAX #: 00536900002100

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

1. Earth [\[help\]](#)

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

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

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

Majority of the site is steep slopes, with 15% of the site being over a 100% slope..

c. What general types of soils are found on the site (for example, clay, sand, gravel, peat, muck)? If you know the classification of agricultural soils, specify them and note any agricultural land of long-term commercial significance and whether the proposal results in removing any of these soils. [\[help\]](#)

The soils on site are generally a silty type of soil

d. Are there surface indications or history of unstable soils in the immediate vicinity? If so, describe. [\[help\]](#)

Yes, Towards the middle of the site there seems to have been a landslide at some point due to the change in contours.

e. Describe the purpose, type, total area, and approximate quantities and total affected area of any filling, excavation, and grading proposed. Indicate source of fill. [\[help\]](#)

The purpose of the project is to clear and regrade part of the south corner. With the grading approximately 1,300 cu yards of fill will need to be imported.

f. Could erosion occur as a result of clearing, construction, or use? If so, generally describe. [\[help\]](#)

Yes, however minimized by the use of BMPs

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

Less than 10% of the site is to be converted to impervious surface.

h. Proposed measures to reduce or control erosion, or other impacts to the earth, if any: [\[help\]](#)

Preventative measure such as, but not limited to, triangle silt damn, silt fence, and slope protection will be utilized in compliance with sound construction practices and city requirements

2. Air [\[help\]](#)

- a. What types of emissions to the air would result from the proposal during construction, operation, and maintenance when the project is completed? If any, generally describe and give approximate quantities if known. [\[help\]](#)

Dust and equipment during construction: Delivery trucks, autos, electric saw and related construction equipment. After construction: None

- b. Are there any off-site sources of emissions or odor that may affect your proposal? If so, generally describe. [\[help\]](#)

None Known

- c. Proposed measures to reduce or control emissions or other impacts to air, if any: [\[help\]](#)

Conform with City of Mukilteo and State of Washington statutory requirements.

3. Water [\[help\]](#)

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. [\[help\]](#)

Yes, the site is within the vicinity of the Puget Sound

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

The proposed project plans to do minor construction in the ditch with in the Right of Way of the railroad, which is within 200' of the Puget Sound.

- 3) Estimate the amount of fill and dredge material that would be placed in or removed from surface water or wetlands and indicate the area of the site that would be affected. Indicate the source of fill material. [\[help\]](#)

None

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

None expected. If encountered, groundwater to be recharged into ground or dispersed through vegetated areas of site or hauled to an approved dump site.

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

No

- 6) Does the proposal involve any discharges of waste materials to surface waters? If so, describe the type of waste and anticipated volume of discharge. [\[help\]](#)

No, does not apply

b. Ground Water:

- 1) Will groundwater be withdrawn from a well for drinking water or other purposes? If so, give a general description of the well, proposed uses and approximate quantities withdrawn from the well. Will water be discharged to groundwater? Give general description, purpose, and approximate quantities if known. [\[help\]](#)

Dewatering during construction may be encountered but is not expected. All groundwater encounter to be pumped and dispersed through existing vegetated areas.

2) Describe waste material that will be discharged into the ground from septic tanks or other sources, if any (for example: Domestic sewage; industrial, containing the following chemicals. . . ; agricultural; etc.). Describe the general size of the system, the number of such systems, the number of houses to be served (if applicable), or the number of animals or humans the system(s) are expected to serve. [\[help\]](#)

None

c. Water runoff (including stormwater):

1) Describe the source of runoff (including storm water) and method of collection and disposal, if any (include quantities, if known). Where will this water flow? Will this water flow into other waters? If so, describe. [\[help\]](#)

Runoof from the SFR roof and driveway are to be collected within catch basins and direct to the bottom of the slope through anchored pipes.

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

No waste materials are expected to enter ground or surface waters. Possile fuel spillage during construction shall be cleaned up immediately per contractors spill prevention plan.

3) Does the proposal alter or otherwise affect drainage patterns in the vicinity of the site? If so, describe. [\[help\]](#)

None

d. Proposed measures to reduce or control surface, ground, and runoff water, and drainage pattern impacts, if any: [\[help\]](#)

Convey runoff through anchored pipes to the bottom of the slope and into established BNSF drainage ditch

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

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

deciduous tree: alder, maple, aspen, other

evergreen tree: fir, cedar, pine, other

shrubs

grass

pasture

crop or grain

Orchards, vineyards or other permanent crops.

wet soil plants: cattail, buttercup, bullrush, skunk cabbage, other

water plants: water lily, eelgrass, milfoil, other

other types of vegetation

b. What kind and amount of vegetation will be removed or altered? [\[help\]](#)

~5,200 sf

c. List threatened and endangered species known to be on or near the site. [\[help\]](#)

None Known

d. Proposed landscaping, use of native plants, or other measures to preserve or enhance vegetation on the site, if any: [\[help\]](#)

Most of the site is proposed to remain untouched, some will be converted to residential lawn

e. List all noxious weeds and invasive species known to be on or near the site. [\[help\]](#)

None Known

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

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. [\[help\]](#)

Examples include:

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

mammals: deer, bear, elk, beaver, other:

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

b. List any threatened and endangered species known to be on or near the site. [\[help\]](#)

None Known

c. Is the site part of a migration route? If so, explain. [\[help\]](#)

Yes, Pacific Flyway

d. Proposed measures to preserve or enhance wildlife, if any: [\[help\]](#)

None

e. List any invasive animal species known to be on or near the site. [\[help\]](#)

None Known

6. Energy and Natural Resources [\[help\]](#)

- a. What kinds of energy (electric, natural gas, oil, wood stove, solar) will be used to meet the completed project's energy needs? Describe whether it will be used for heating, manufacturing, etc. [\[help\]](#)

Electric

- b. Would your project affect the potential use of solar energy by adjacent properties? If so, generally describe. [\[help\]](#)

No

- c. What kinds of energy conservation features are included in the plans of this proposal? List other proposed measures to reduce or control energy impacts, if any: [\[help\]](#)

Architech may call for energy conservation measyres, to be determained

7. Environmental Health [\[help\]](#)

- a. Are there any environmental health hazards, including exposure to toxic chemicals, risk of fire and explosion, spill, or hazardous waste, that could occur as a result of this proposal? If so, describe. [\[help\]](#)

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

[\[help\]](#)

Possible fuel spillage during construction.

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

Possible underground utility lines

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

Fuel will be used and possibly store during construction.

- 4) Describe special emergency services that might be required. [\[help\]](#)

Hazardous waste clean-up.

- 5) Proposed measures to reduce or control environmental health hazards, if any: [\[help\]](#)

Contractor's safety plan and program.

b. Noise [\[help\]](#)

- 1) What types of noise exist in the area which may affect your project (for example: traffic, equipment, operation, other)? [\[help\]](#)

The area around the project is SFR, the noises that exist in the due to the traffic

- 2) What types and levels of noise would be created by or associated with the project on a short-term or a long-term basis (for example: traffic, construction, operation, other)? Indicate what hours noise would come from the site. [\[help\]](#)

Short Term: Construction Equipment

7:00 am – 7:00 pm

Long Term: Trucks and Autos

- 3) Proposed measures to reduce or control noise impacts, if any: [\[help\]](#)

Comply with applicable statutes and standard construction measures.

8. Land and Shoreline Use [\[help\]](#)

- a. What is the current use of the site and adjacent properties? Will the proposal affect current land uses on nearby or adjacent properties? If so, describe. [\[help\]](#)

The site and the property to the north are forested, the property to the west is the railroad right of way and to the west of the railroad tracks is the Puget Sound, The properties to the south and east are partially developed with SFR. The project will have no affect on current land uses on nearby and adjacent properties.

- b. Has the project site been used as working farmlands or working forest lands? If so, describe. How much agricultural or forest land of long-term commercial significance will be converted to other uses as a result of the proposal, if any? If resource lands have not been designated, how many acres in farmland or forest land tax status will be converted to nonfarm or nonforest use? [\[help\]](#)

No, none

- 1) Will the proposal affect or be affected by surrounding working farm or forest land normal business operations, such as oversize equipment access, the application of pesticides, tilling, and harvesting? If so, how: [\[help\]](#)

No

- c. Describe any structures on the site. [\[help\]](#)

There are no structures on the site

d. Will any structures be demolished? If so, what? [\[help\]](#)

No

e. What is the current zoning classification of the site? [\[help\]](#)

RD-12.5

f. What is the current comprehensive plan designation of the site? [\[help\]](#)

RD-12.5

g. If applicable, what is the current shoreline master program designation of the site? [\[help\]](#)

Not Applicable

h. Has any part of the site been classified as a critical area by the city or county? If so, specify. [\[help\]](#)

Yes, the entire site due to the steep slopes.

i. Approximately how many people would reside or work in the completed project? [\[help\]](#)

2-10

j. Approximately how many people would the completed project displace? [\[help\]](#)

None

k. Proposed measures to avoid or reduce displacement impacts, if any: [\[help\]](#)

Not applicable

l. Proposed measures to ensure the proposal is compatible with existing and projected land uses and plans, if any: [\[help\]](#)

To be controlled by the City of Mukilteo land use controls

m. Proposed measures to ensure the proposal is compatible with nearby agricultural and forest lands of long-term commercial significance, if any: [\[help\]](#)

Not applicable

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

- a. Approximately how many units would be provided, if any? Indicate whether high, middle, or low-income housing. [\[help\]](#)

One, SFR, Mid to High Income

- b. Approximately how many units, if any, would be eliminated? Indicate whether high, middle, or low-income housing. [\[help\]](#)

None

- c. Proposed measures to reduce or control housing impacts, if any: [\[help\]](#)

Not Applicable

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

- a. What is the tallest height of any proposed structure(s), not including antennas; what is the principal exterior building material(s) proposed? [\[help\]](#)

The roof to the garage is the tallest structure, finished floor being at 224' in elevation with a building height of 10' making the height of the garage at 234'.

- b. What views in the immediate vicinity would be altered or obstructed? [\[help\]](#)

None

- b. Proposed measures to reduce or control aesthetic impacts, if any: [\[help\]](#)

Not Applicable

11. **Light and Glare** [\[help\]](#)

- a. What type of light or glare will the proposal produce? What time of day would it mainly occur? [\[help\]](#)

SFR lighting around the perimeter of the home, whenever the lawn owners have them on.

- b. Could light or glare from the finished project be a safety hazard or interfere with views? [\[help\]](#)

No, lighting to be obstructed by forest vegetation

- c. What existing off-site sources of light or glare may affect your proposal? [\[help\]](#)

None

d. Proposed measures to reduce or control light and glare impacts, if any: [\[help\]](#)

Not Applicable

12. Recreation [\[help\]](#)

a. What designated and informal recreational opportunities are in the immediate vicinity? [\[help\]](#)

None

b. Would the proposed project displace any existing recreational uses? If so, describe. [\[help\]](#)

No

c. Proposed measures to reduce or control impacts on recreation, including recreation opportunities to be provided by the project or applicant, if any: [\[help\]](#)

Not Applicable

13. Historic and cultural preservation [\[help\]](#)

a. Are there any buildings, structures, or sites, located on or near the site that are over 45 years old listed in or eligible for listing in national, state, or local preservation registers located on or near the site? If so, specifically describe. [\[help\]](#)

None Known

b. Are there any landmarks, features, or other evidence of Indian or historic use or occupation? This may include human burials or old cemeteries. Are there any material evidence, artifacts, or areas of cultural importance on or near the site? Please list any professional studies conducted at the site to identify such resources. [\[help\]](#)

None Known

c. Describe the methods used to assess the potential impacts to cultural and historic resources on or near the project site. Examples include consultation with tribes and the department of archeology and historic preservation, archaeological surveys, historic maps, GIS data, etc. [\[help\]](#)

Not Applicable

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. [\[help\]](#)

None proposed, if historical objects or places are found, the contractor is to stop construction and notify the appropriate agency to determine what needs to be done to minimize impacts, if any

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

- a. Identify public streets and highways serving the site or affected geographic area and describe proposed access to the existing street system. Show on site plans, if any. [\[help\]](#)

Access to 63rd Pl W will be provided by internal drive aisle.

- b. Is the site or affected geographic area currently served by public transit? If so, generally describe. If not, what is the approximate distance to the nearest transit stop? [\[help\]](#)

No, The closest transit stop is approximately 5,000' east.

- c. How many additional parking spaces would the completed project or non-project proposal have? How many would the project or proposal eliminate? [\[help\]](#)

4 proposed, none eliminated

- d. Will the proposal require any new or improvements to existing roads, streets, pedestrian, bicycle or state transportation facilities, not including driveways? If so, generally describe (indicate whether public or private). [\[help\]](#)

Yes, there will be minor frontage improvement to allow a new driveway access

- e. Describe the existing condition of the proposed access road, including width of easement, width of pavement or roadway, curbs, gutters, and/or sidewalks.

Not applicable

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

Not expected

- g. How many vehicular trips per day would be generated by the completed project or proposal? If known, indicate when peak volumes would occur and what percentage of the volume would be trucks (such as commercial and nonpassenger vehicles). What data or transportation models were used to make these estimates? [\[help\]](#)

Not Known

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

No

i. Proposed measures to reduce or control transportation impacts, if any: [\[help\]](#)

Not applicable

15. Public Services [\[help\]](#)

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

Yes, fire protection, police, health, schools

b. Proposed measures to reduce or control direct impacts on public services, if any. [\[help\]](#)

Pay application fees, if any

16. Utilities [\[help\]](#)

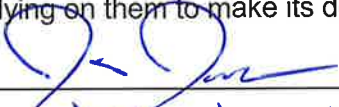
a. Circle utilities currently available at the site: [\[help\]](#)
electricity, natural gas, water, refuse service, telephone, sanitary sewer, septic system,
other _____

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. [\[help\]](#)

A pump system for the sewer, new lines for dry utilities, a tight line for the storm drainage, and a new water meter.

C. Signature [\[help\]](#)

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

Signature: 

Name of signee Jesse Jarrell

Position and Agency/Organization PE-WES

Date Submitted: 1/23/19

D. supplemental sheet for nonproject actions [\[help\]](#)

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

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

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

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

Adding 5,000 sf of impervious surface creates runoff into the Puget sound

Proposed measures to avoid or reduce such increases are:

No measures can be taken except to tight line it to the bottom of the slope so it does not effect the steep slopes.

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

No

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

Not applicable

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

Not

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

Not applicable

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

Not

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

Not applicable

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

Not

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

Not applicable

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

None

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

Not applicable

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

The project conflicts with the code stating that if redeveloping a piped stream the stream needs to become an open stream, working with local agencies to resolve this issue.