

- d. Are there surface indications or history of unstable soils in the immediate vicinity? If so, describe.
no
- 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.
excavation for home/foundation, approximately 1500 sq ft (<40yrds); cut soil to be used for backfill/final grade
- f. Could erosion occur as a result of clearing, construction, or use? If so, generally describe.
no; proposal does not require substantial clearing; site is clear; proposed home to go in footprint of previous residence
- g. About what percent of the site will be covered with impervious surfaces after project construction (for example, asphalt or buildings)?
Approximately 27%
- h. Proposed measures to reduce or control erosion, or other impacts to the earth, if any:
construction fencing, silt fence, and/or straw can be utilized to control erosion

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.
No emissions
- 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 air, if any:
N/A

3. 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.
No
 - 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.
No
 - 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.
N/A
 - 4) Will the proposal require surface water withdrawals or diversions? Give general description, purpose, and approximate quantities if known.
Not required