

12 Feb 2020

SWPPP Narrative

Pine Way/Vance Rehder

1. The building site is quite level with a slight slope away from site, both to the south and towards the wet land to the north. The water table is pretty close to the surface in the lowest areas during the wet season. My plan is to excavate to minimal depth (16" to bottom of footing) and import backfill to raise the finish grade one to two feet depending on existing grade. Consequently, there should not be any spoil piles to maintain, leaving much of the natural vegetation intact. I will be doing the site work so know which areas to avoid, and have installed stakes with flags and string lines along the natural vegetation delineating the wetland buffer, water quality buffer, and property line to the south. BMP C101
2. Not applicable. Property has existing long gravel driveway right to the front of house that should prevent any tracking of sediment to public right of way. Will be prepared to sweep off paved street if ever necessary.
3. Not applicable. As noted the site is level and minimal grading will be done. If an unusually high runoff event occurs, straw bales will be used to control.
4. A vegetative strip should be sufficient to keep sediment from leaving as the slope is slight. If more is needed a silt fence will be installed. BMPs C234, C233
5. Any stockpiles will be covered with plastic sheeting. Disturbed soils will be mulched with straw. BMPs C123, C121
6. Not applicable, no significant slopes on property.
7. Not applicable on this project.
8. Not applicable. No channels to be used on this project. If something is found to be occurring naturally straw barriers will be used.
9. Concrete washout will take place in garage slab area and construction entrance BMP C151
10. Ponding should not occur on this project, however, all dirt and concrete work will be performed during the dry months to protect the wetland. If at any point it becomes necessary to dewater the site water will be pumped to the east toward the higher ground near the drainfield. If water accumulation is overwhelming work will be halted until natural absorption takes place.
11. Bmps will be maintained daily.
12. There is little need for phasing on this project as it is so small little disturbance will take place. There is little clearing besides a few alders. The foundation and septic work will take place during the dry soil conditions. Construction of residence will take place upon completion of all backfilling.
13. See all above.