

**CITY OF BATTLE GROUND  
SOIL MANAGEMENT PLAN APPLICATION**

**Subdivision Name:** \_\_\_\_\_ **Lot Number:** \_\_\_\_\_  
**Street Address:** \_\_\_\_\_  
**Point of Contact:** \_\_\_\_\_

**Select one of the following options:**

- OPTION 1: Leave native vegetation and soil undisturbed, and protect from compaction during construction.**

Identify areas of the site that will not be stripped, logged, graded or driven on, and fence off those areas to prevent impacts during construction. If neither soils nor vegetation are disturbed, these areas do not require amendment.

- OPTION 2: Amend existing site topsoil or subsoil.**

**Scarification.** Scarify or till subgrade to 9 inches depth (or to depth needed to achieve a total depth of 12 inches of un-compacted soil after calculated amount of amendment is added). Entire surface should be disturbed by scarification. Do not scarify within drip line of existing trees to be retained.

**Amend soil to meet required organic content.**

**A. Planting Beds**

1. **PRE-APPROVED RATE:** Place 3 inches of composted material and rototill into 5 inches of soil (a total amended depth of about 9.5 inches, for a settled depth of 8 inches).
2. **CALCULATED RATE:** Place calculated amount of composted material or approved organic material and rototill into depth of soil needed to achieve 8 inches of settled soil at 10% organic content. Soil test results indicating organic content has been met will be required before occupancy can be given. Test results will be required for each lot.

Rake beds to smooth and remove surface rocks larger than 2 inches diameter. Mulch planting beds with 2 inches of organic mulch.

**B. Turf Areas**

1. **PRE-APPROVED RATE:** Place 1.75 inches of composted material and rototill into 6.25 inches of soil (a total amended depth of about 9.5 inches, for a settled depth of 8 inches).

2. **CALCULATED RATE:** Place calculated amount of composted material or approved organic material and rototill into depth of soil needed to achieve 8 inches of settled soil at 5% organic content. Soil test results indicating organic content has been met will be required before occupancy can be given. Test results will be required for each lot.

Water or roll to compact to 85% of maximum dry density. Rake to level, and remove surface woody debris and rocks larger than 1 inch diameter.

- OPTION 3: Typically only applies to large lots not in an improved subdivision. Stockpile existing topsoil during grading. Replace it before planting.** Stockpiled topsoil must be amended to meet the organic matter or depth requirements.

**Scarification.** If placed topsoil plus compost or other organic material will amount to less than 12 inches: Scarify or till subgrade to depth needed to achieve 12 inches of loosened soil after topsoil and amendment are placed. Entire surface should be disturbed by scarification. Do not scarify within drip line of existing trees to be retained. Stockpile and cover soil with weed barrier material that sheds moisture yet allows air transmission, in approved location, prior to grading. Replace stockpiled topsoil prior to planting. Amend if needed to meet required organic content.

#### **A. Planting Beds**

Place 3 inches of composted material and rototill into 5 inches of replaced soil (a total amended depth of about 9.5 inches, for a settled depth of 8 inches).

Rake beds to smooth and remove surface rocks larger than 2 inches diameter. Mulch planting beds with 2 inches of organic mulch or stockpiled duff.

#### **B. Turf Areas**

Place 1.75 inches of composted material and rototill into 6.25 inches of replaced soil (a total amended depth of about 9.5 inches, for a settled depth of 8 inches).

Water or roll to compact soil to 85% of maximum dry density. Rake to level, and remove surface rocks larger than 1 inch diameter.

- OPTION 4: Import topsoil mix of sufficient organic content and depth to meet the requirements.**

**Scarification.** Scarify or till subgrade in two directions to 6 inches depth. Entire surface should be disturbed by scarification. Do not scarify within drip line of existing trees to be retained.

#### **A. Planting Beds**

Use imported topsoil mix containing 10% organic matter (typically around 40% compost). Soil portion must be sand or sandy loam as defined by the USDA.

Place 3 inches of imported topsoil mix on surface and till into 2 inches of soil.

Place second lift of 3 inches topsoil mix on surface.

Rake beds to smooth, and remove surface rocks over 2 inches diameter. Mulch planting beds with 2 inches of organic mulch.

**B. Turf Areas**

Use imported topsoil mix containing 5% organic matter (typically around 25% compost). Soil portion must be sand or sandy loam as defined by the USDA.

Place 3 inches of imported topsoil mix on surface and till into 2 inches of soil.

Place second lift of 3 inches topsoil mix on surface.

Water or roll to compact soil to 85% of maximum. Rake to level, and remove surface rocks larger than 1 inch diameter.

Notes:

1. The builder will need to provide composition data for compost and/or soil mixes, depending on the option chosen, to the Engineering Division prior to incorporation into the project for approval.
2. Prior to vegetating or placing sod and after amendments have been added, please request an inspection by calling the City of Battle Ground's inspection line at (360) 342-5085.

**SIGNATURE**

**I certify that I will complete the soil management requirements as chosen above and all soil samples were taken from the site as indicated in this application.**

**Applicant's Signature:** \_\_\_\_\_ **Date:** \_\_\_\_\_