

Appendix A5 Model Field Inspection Form

Section 1: Project Information

Site address:	
Lot number:	
Permit type:	Permit number:
Permit holder:	Phone:
Mailing address:	
Customer representative at inspection:	Phone:
Inspector:	Phone:

Section 2: Required Equipment

- Copy of the approved Soil Management Plan (SMP) for the site including drawing(s)
- Cone penetrometer (static or dynamic) or simple rod penetrometer (*Refer to Section 6.1 of the Soil Management Best Practices Guide for Urban Construction for detailed specifications*)
- Sturdy shovel or garden spade
- Tape measure

Section 3: Verification of Site Conditions

Ensure that the following site conditions are consistent with the SMP:

- Site location and permit holder.
- Areas to remain as undisturbed existing vegetation and soil have been protected during construction to prevent damage to plants, soil compaction and accumulation of sediment.
- Turf areas, planting beds and tree pit locations match the approved drawings.

Section 4: Verification of Amendment Quality (Compost, Imported Topsoil, and Mulch)

Inspect delivery tickets for compost, imported topsoil, and mulch. Ensure the following details match the SMP. If products other than those listed in the SMP were delivered, laboratory test results must be provided to confirm that they are equivalent to the products specified in the approved SMP.

Product name	Source	Total quantity (m ³ or kg)	Product meets OMOE or municipal/CA requirements?*	Product quality meets <i>Soil Mgmt. Best Practices Guide</i> recommended standards??	Details match the SMP?
			Yes / No	Yes / No	Yes / No
			Yes / No	Yes / No	Yes / No
			Yes / No	Yes / No	Yes / No
			Yes / No	Yes / No	Yes / No
			Yes / No	Yes / No	Yes / No
Comments					

* Applies to compost and imported topsoil products only. For compost quality requirements refer to the most recent OMOE guideline document. For imported topsoil quality requirements contact the relevant municipality or Conservation Authority. **Attach copies of all product delivery tickets.**

** Applies to imported topsoil products only. Turf areas: 5 to 10% organic matter content and pH 6.0 to 8.0; Planting beds and Tree Pits: 10 to 15% organic matter content and pH 6.0 to 8.0. **Attach copies of all product delivery tickets.**

Section 5: Inspection Results

Complete a page for each unique BMP and planting area type combination. Copy and attach additional pages as needed.

General Information

Area number or identification code (Corresponding to the number/code on the Soil Management Plan drawing):

Best Management Practice (BMP) implemented (Check all that apply):

<input type="checkbox"/> Option 1 – Protect existing vegetation and soil from disturbance preserve and replace site topsoil (no amendment)	<input type="checkbox"/> Decompress subsoil	<input type="checkbox"/> Option 2 - Stockpile, preserve and replace site topsoil, amend site topsoil
<input type="checkbox"/> Option 3 - Amend site subsoil	<input type="checkbox"/> Option 2 - Stockpile, preserve, replace and amend site topsoil	<input type="checkbox"/> Option 4 - Import topsoil

Planting area type:

<input type="checkbox"/> Undisturbed existing vegetation	<input type="checkbox"/> Turf area	<input type="checkbox"/> Planting bed	<input type="checkbox"/> Tree pit
--	------------------------------------	---------------------------------------	-----------------------------------

Size of area (m²):

Recommended Soil Depths

Planting area type	Depth of topsoil (cm)	Total depth of uncompacted soil (cm)	
Turf area	20	30	
Planting bed	20	30	
Tree pit	60	90	

Verification and Testing

Test Holes (A minimum of one test hole per unique BMP and planting area type combination is required, with an additional hole for every 4,000 m² of each BMP/planting area type.)

Number of test holes required:				
Results	Yes	No	N/A	Comments
Topsoil is the appropriate depth.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Organic matter is visible as dark coloured material in the topsoil.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Dominant soil texture (Sand, Sandy, Silty, or Clayey. Refer to Section 3 of the SMP):				

Penetrometer Tests (Perform at least five (5) penetrometer tests per BMP/planting area type with an additional test for every 400 m² of BMP/planting area type.)

For maximum acceptable penetrometer readings by dominant soil texture refer to Section 6

Penetrometer test method (Cone or rod penetrometer)	Penetrometer test result (Provide maximum measured reading for cone penetrometer tests)	Result exceeded maximum acceptable reading?	Soil is uncompacted to the recommended depth?
			Yes / No
	Test 1:	Yes / No	Yes / No
	Test 2:	Yes / No	Yes / No
	Test 3:	Yes / No	Yes / No
	Test 4:	Yes / No	Yes / No
	Test 5:	Yes / No	Yes / No
	Test 6:	Yes / No	Yes / No
	Test 7:	Yes / No	Yes / No
	Test 8:	Yes / No	Yes / No
	Test 9:	Yes / No	Yes / No
	Test 10:	Yes / No	Yes / No

Soil is uncompacted to the recommended depth? (if 50% or greater of penetrometer tests exceed the values in Section 6, further steps should be taken to reverse soil compaction)

Yes / No

Section 6: Acceptable Cone Penetrometer Readings

Dominant Soil Texture (Refer to Section 3 of the SMP):	All Textures of Sand	Sandy (includes loamy sand, sandy loam, sandy clay loam and sandy clay)	Silty (includes loam, silty loam, silty clay loam, and silty clay)	Clayey (includes clay loam)
Surface Resistance:	≤ 110 PSI ≤ 7.7 kg/cm ² ≤ 758 kPa	≤ 260 PSI ≤ 18.3 kg/cm ² ≤ 1793 kPa	≤ 260 PSI ≤ 18.3 kg/cm ² ≤ 1793 kPa	≤ 225 PSI ≤ 15.8 kg/cm ² ≤ 1551 kPa

Section 7: Required Actions (Complete this section if the BMP/planting area type does not fulfill the approved SMP. Notify the permit holder of what actions are required to comply.)

Required action***	Assigned to	Expected date of completion

***For BMP/planting area types that do not meet the recommended topsoil depth standard, potential corrective actions include; (i) removal of mulch (if already applied) and application of additional compost with incorporation to the recommended depth, or (ii) removal of mulch and addition of imported topsoil that meets the recommended topsoil quality standard.

For BMP/planting area types that do not meet the recommended total uncompacted soil depth standard, potential corrective actions include (i) removal of mulch (if already applied), removal of topsoil and treatment of subsoil to reverse compaction to the recommended depth (see Section 5.2 of the Soil Management Best Practices Guide) followed by replacement of topsoil and mulch, or (ii) removal of mulch, treatment of topsoil and subsoil to reverse compaction to the recommended depth and replacement of mulch.

Section 8: Affirmations

- I have inspected the site in accordance with the Field Inspection Form and the *Soil Management Best Practices Guide for Urban Construction*.
- The site fulfills all of the requirements outlined in the approved Soil Management Plan.

Date:	Inspector:	Signature:
-------	------------	------------