

Topsoil Testing Report

| | | | |
|-------------------------|---|----------------|-----------------|
| Project | Name | | Property Number |
| | Site Street Address, City, State/Province | | |
| Person Submitting Test | Name | Date Requested | Phone |
| | Address, City, State/Province | | Fax |
| Soil Testing Laboratory | Name | Date Submitted | Phone |
| | Address, City, State/Province | | Fax |

General

- Owner will pay for pre-bid testing and one (1) final topsoil test.

Landscape Architect Instructions

- Landscape Architect shall determine by investigation quality and quantity of topsoil on site before landscape design. Add physical and fertility recommendations from laboratory recommendations to relevant Church specifications.

Contractor Instructions

- Test installed topsoil. Installed topsoil shall comply with Project Specifications.
- If installed topsoil does not comply, Contractor will enhance and test at no cost to Owner until installed topsoil complies with Project Specifications.

Testing Instructions

- Collect at least two (2) samples of on-site topsoil and each anticipated topsoil source. If site soil profile or borrow pit are not uniform, additional samples shall be taken. Uniform composite samples may also be used if properly acquired and documented.
- Submit required soil samples to soil testing laboratory along with all required (for this report and laboratory) information.

Soil Testing Laboratory Instructions

- This report must be completely filled out and provide soil interpretation and amendment, fertilizer, and soil conditioner recommendations for use by Landscape Architect. These recommendations should consider lawn areas, tree and shrub areas, and native plant areas.
- Provide appropriate times for fertilizing.
- Return completed Topsoil Testing Report to person submitting the test.

| SOIL SAMPLE LOG | | |
|-----------------|--|----------------------------|
| Soil Sample No. | Description of location where sample was taken | History of use of the soil |
| | | |
| | | |

Existing Conditions Test Report ("Acceptable Levels" refers to the allowable soil specifications prior to being amended)

| SOIL TEST DATA | | | | | | | | | | | | |
|---------------------|-------------------|-------------------------------|--------------------|--------|--------|--------|------------------------------|------------------------|--|-------------------------|-------------------------|--------------------------|
| Sample No. | pH ⁽¹⁾ | EC ⁽¹⁾ Mmhos/cm | SAR ⁽¹⁾ | % Sand | % Silt | % Clay | Text ⁽²⁾ Class | % ⁽³⁾ OM | NO ₃ -N ⁽⁴⁾ ppm | P ⁽⁵⁾ ppm | K ⁽⁵⁾ ppm | Fe ⁽⁵⁾ Ppm |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| Acceptable Level(s) | 5.5 - 8.4 | <3.0 | <6.0 | 15-60 | 10-60 | 5-30 | (2) | >1.0 | >20 | >11 | >130 | >10 |

⁽¹⁾ Saturated soil paste 1:1 soil:water method (please Indicate)

⁽²⁾ Hydrometer method (Acceptable soil- sand:15-60 percent, silt:10-60 percent, clay-5-30 percent)

⁽³⁾ Potassium dichromate method (Walkey-Black) or loss of ignition

⁽⁴⁾ Chromotropic acid method

⁽⁵⁾ AB-DTPA method

If other methods are used for NO₃-N, P, K, and Fe, then note.

| ROCKS (Coarse Fragments) | | |
|--------------------------|-----------------------------|---|
| Sample No. | Percent > 1/4 inch (6.4 mm) | Rocks Present \geq 1.5 inch (38 mm) Indicate as present or not present |
| | percent | |
| | percent | |
| Acceptable Level | \leq 5.0 percent | < 1.5 inch (38 mm) |

Landscape Area Description

Lawn Areas: Receive 5 inch (125 mm) topsoil plus recommended amendments and fertilizers.

Shrub/Tree Areas: Unless otherwise indicated, plant pits are to be backfilled with three (3) parts native soil and one part compost or other recommended amendments. Additionally, contractor will add recommended fertilizer.

Native Grass/Shrub/Tree Areas: Planting to receive minimum recommended amendments and fertilizers for establishment.

| INFILTRATION RATE | |
|---|-------------|
| Documented Infiltration rate of test sample(s) based on texture at 90 percent relative density (to nearest 1/10th of an inch) | |
| Sample No. | Rate |
| | Inches/Hour |
| | Inches/Hour |

Interpretation Summary of Test Results:

Soil Amendments, Fertilizer and Soil Conditioner – Recommendations:

Lawn Areas

Shrub/Tree Areas

Native Grass/Shrub/Tree Areas

Long Term (5 Year) Fertilizer and Soil Conditioner – Recommendations:

Lawn Areas

Shrub/Tree Areas

Native Grass/Shrub/Tree Areas