

Assessment and Planning for Urban Tree Establishment



Vineland Research and Innovation Centre's new services are designed to improve soil quality and provide species recommendations to ensure better tree establishment and growth. These services are best suited to landscape contractors, conservation authorities, municipalities, developers and other stakeholders tasked with planting trees in challenging urban soil conditions.

The methodology, based on more than five years of research conducted by Vineland, allows for the accurate assessment of soil quality and the provision of recommendations to ensure success of tree planting projects.

www.greeningcanadianlandscape.ca

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 Vineland Research and Innovation Centre

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RESEARCH & INNOVATION CENTRE



Analysis and Report Service

The Analysis and Report Service quote will depend on the size of the project and will be based on the client collecting soil samples and sending them to Vineland for testing and report preparation.

Working with you, the Vineland team will provide specific instructions on the number of samples to collect and how best to collect them.

What's included in this service

- Personalized soil sample processing and analysis of organic matter, pH, texture and electrical conductivity (EC)
- Detailed report consisting of
 - Soil analysis and interpretation of results
 - Soil remediation recommendations
 - Customized specification of site preparation for tendering

Our team requires one month lead-time to complete this service.

Species recommendations are also available as an add-on service

- Tree species recommendations based on specific site conditions
- Customized recommendations based on client's requirements and preferences
- List of suitable substitutions when tree inventory is not available

To discuss your project needs, please contact:

Darby McGrath, PhD

Research Scientist, Nursery & Landscape

darby.mcgrath@vinelandresearch.com

905-562-0320 x766



Sampling, Analysis and Report Service

The Sampling, Analysis and Report Service quote is prepared based on the size of the project.

The Vineland team will visit the client's site, collect samples, complete analysis and prepare a report.

What's included in this service

- Locates for sampling
- GPS of sampling points and creation of soil map
- Soil sample collection
- Personalized soil processing and analysis of organic matter, pH, texture and electrical conductivity (EC)
- Detailed report consisting of
 - Soil analysis and interpretation of results
 - Soil remediation recommendations
 - Customized specification of site preparation for tendering

Our team requires two months lead-time to complete this service.

Species recommendations are also available as an add-on service

- Tree species recommendations based on specific site conditions
- Customized recommendations based on client's requirements and preferences
- List of suitable substitutions when inventory is not available

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Site Supervision Service

The Site Supervision Service quote is prepared based on the size of the project.

The Vineland team will visit the client's site, collect samples, complete analysis and prepare a report. Our team will also be on-site to supervise soil remediation.

What's included in this service

- Locates for sampling
- GPS of sampling points and creation of soil map
- Soil sample collection
- Personalized soil processing and analysis of organic matter, pH, texture and electrical conductivity (EC)
- Detailed report consisting of
 - Soil analysis and interpretation of results
 - Soil remediation recommendations
 - Customized specification of site preparation for tendering
- Supervision of remediation work

Our team requires two months lead-time to complete this service.

Species recommendations are also available as an add-on service

- Tree species recommendations based on specific site conditions
- Customized recommendations based on client's requirements and preferences
- List of suitable substitutions when inventory is not available

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