

Introducing

PATH

PROJECT AREA TRACKING HUB

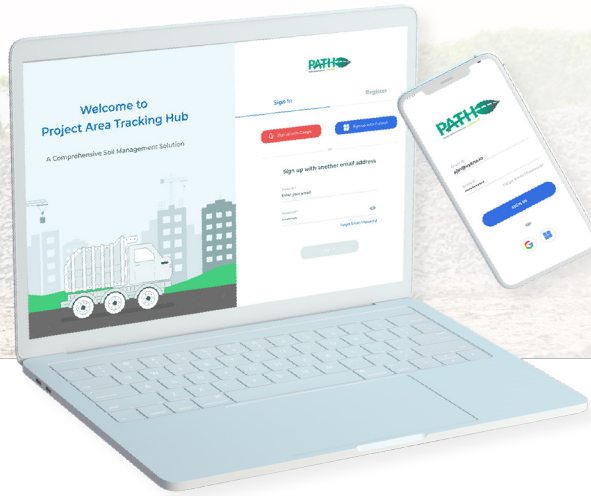
A Comprehensive Soil Management Solution





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Find your PATH — created by soil experts for soil experts, powered by GFL.

Introducing Project Area Tracking Hub (PATH)

Project Area Tracking Hub (PATH) is a proprietary soil management software that offers cradle-to-grave soil tracking, real-time monitoring of all batch statuses, and transparent reporting of Excess Soil Vehicle Records (ESVRs). PATH empowers all entities with increased operational efficiency and seamless communication channels, all while ensuring regulatory compliance with government requirements.

PATH's comprehensive functionality helps simplify the everyday intricacies of soil management. Operating as something of a matchmaker for soil generators and soil seekers, PATH provides clients with the unique opportunity to easily register or find compatible sites for soil reuse or disposal within a robust directory of available sites.

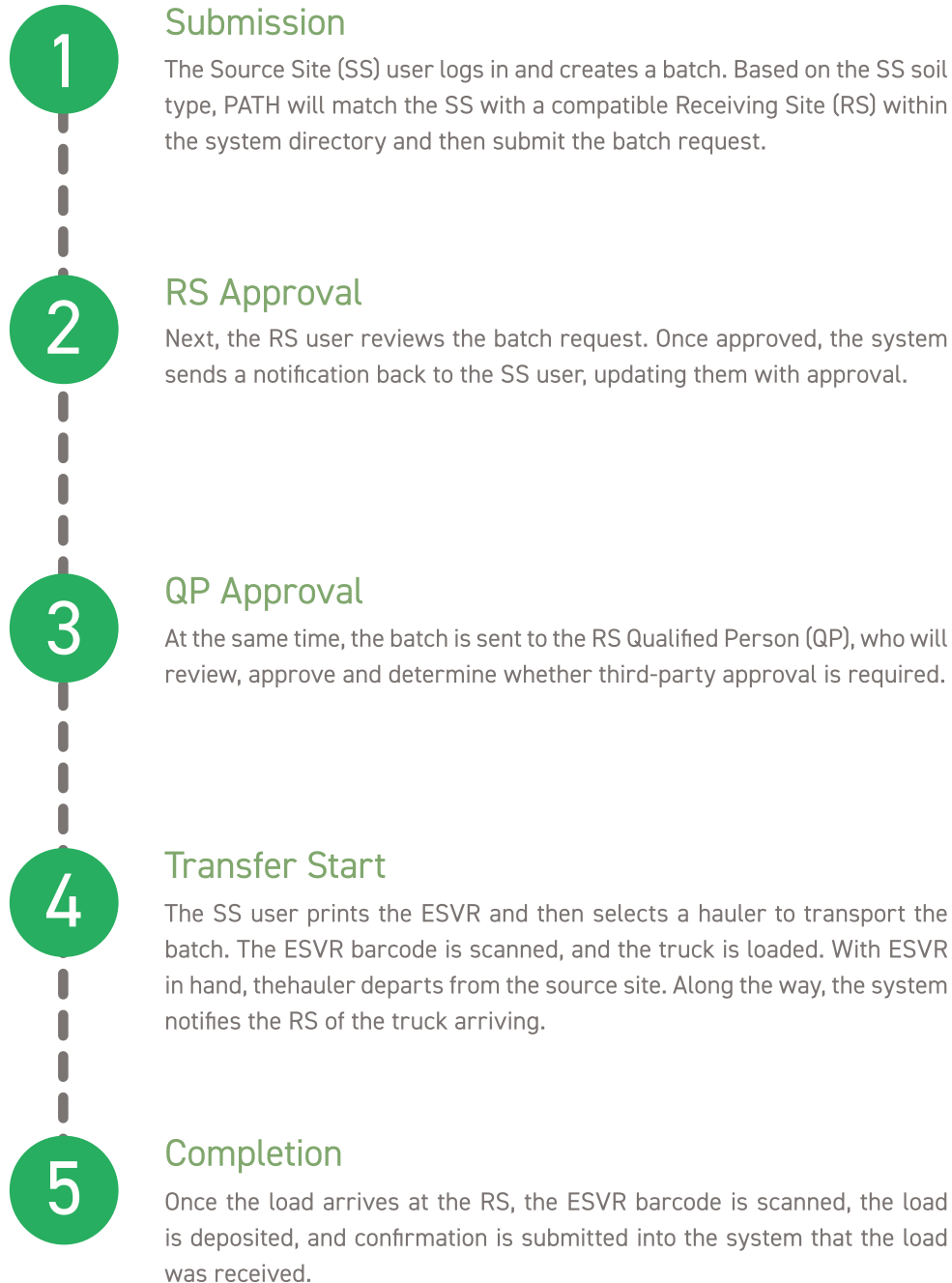
Environmental decisions regarding soil movement, reuse, and disposal must be made responsibly, transparently, and in compliance with government regulations. Given the

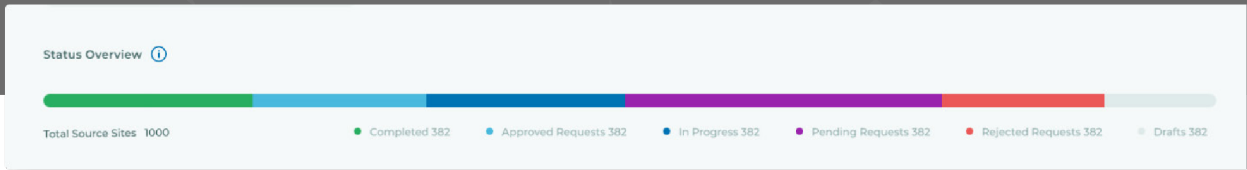
upcoming changes to Ontario's Excess Soil Regulations under the Environmental Protection Act, it's never been more important to stay informed and compliant. PATH's versatility makes it easy to stay accountable by granting Qualified Persons (QPs), municipalities, and other third-party regulators access to soil reports and data for complete transparency. PATH also houses an extensive directory of QPs to connect Source Sites and Receiving Sites with the oversight required to stay compliant.

Equip your team with the industry's best, most versatile soil management solution.

End-to-End Soil Management Process

Let's explore the cradle-to-grave soil journey with PATH.

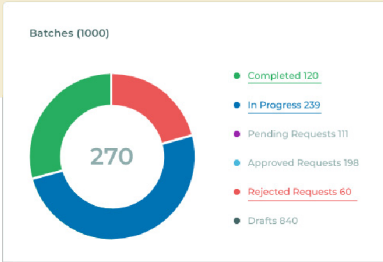
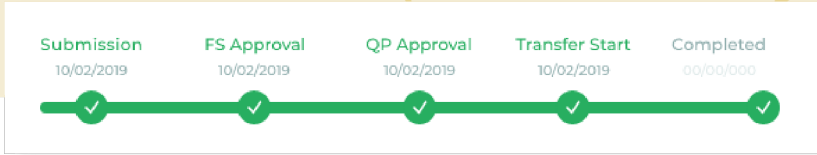




Source Site

PATH empowers Source Sites (SS) with a user-friendly interface designed for the efficient management of excess soil, records, and invoices from start to finish – all from one convenient platform.

- Register as a SS and find compatible Receiving Sites (RS) within PATH's comprehensive site directory.
- Initiate batch requests and track status updates from RS, QPs, and third parties.
- Generate Excess Soil Vehicle Records (ESVRs).
- Connect with Qualified Persons registered on the PATH directory of QPs.
- Option to use PATH as an independent soil tracking software for private contracts.



Receiving Site

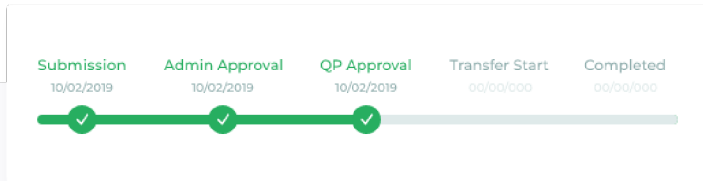
Receiving Site (RS) users trust PATH to enhance visibility, boost operational productivity, and ensure compliance with environmental regulations. PATH's versatile functionality provides transparent tracking – no matter the journey.

- Register as a RS within the PATH directory of available sites.
- Manage incoming batch requests and approvals.
- Release Excess Soil Vehicle Records (ESVRs).
- Generate soil data and tracking records for audit-ready transparency.
- Connect with Qualified Persons registered on the PATH directory of QPs.

Qualified Persons (QPs)

PATH enables affiliated QPs and QP firms to operate more efficiently by facilitating easy access to Source Site and Receiving Site soil data, tracking, and reports.

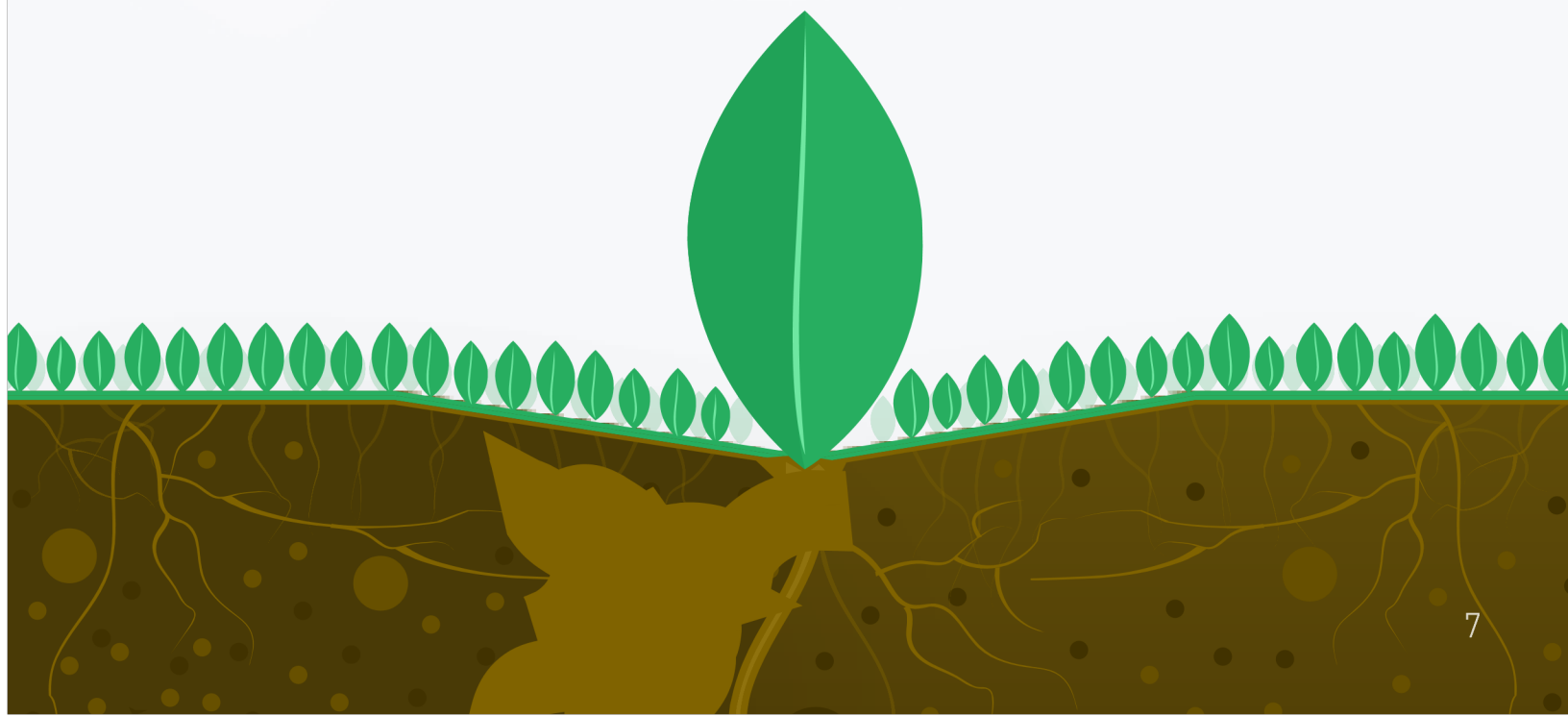
- Register for inclusion in PATH's Directory of QPs to connect with SS/RS.
- Track and manage batch requests and approvals.
- Maintain a log of batch inspection details and soil records.



Batch Approved!

This batch has been approved for 00000 loads.
The BOLs have been forwarded to the Fill Site for further processing.


[Back to Batches List >](#)





Load Details				Weight Details (tonnes)				Source Site UnionvilleGO View Contact >		Approval 10/02/2019		Transfer Start 10/02/2019		Completed 04/03/2019		Primary User James Ferdinand	
Total	Transferred	Remaining	Extra	Fill Site Tottenham Airfield View Contact >		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input type="checkbox"/>		View Application >					
100000	750	750	+6														

Third-Party Oversight



Inspection Record Created

A new entry for the
"XXXX"
fill site has been entered.

Third-party regulators rely on PATH to boost the visibility and transparency of all soil movement between Source Sites and Receiving Sites for faster, more thorough oversight capabilities.

- Easily track Excess Soil Vehicle Records (ESVRs) from source to destination.
- Review and inspect all batch requests to ensure SS and RS compliance.
- Third-party oversight access is available to both municipalities and ministries.

Mobile Application

The PATH mobile application is a versatile, innovative solution designed to operate as an extension of the main system. The PATH app facilitates comprehensive management and oversight of all soil movement – in real-time and on the go.

- Unique capability to scan ESVR barcodes via mobile for easy soil tracking from SS to RS.
- Maintain seamless lines of communication between all parties in real-time.
- Monitor incoming trucks and confirm incoming soil loads direct from the app.

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→↔ Lorem Ipsum Fill Site
🚛 XXX99999 / PATH

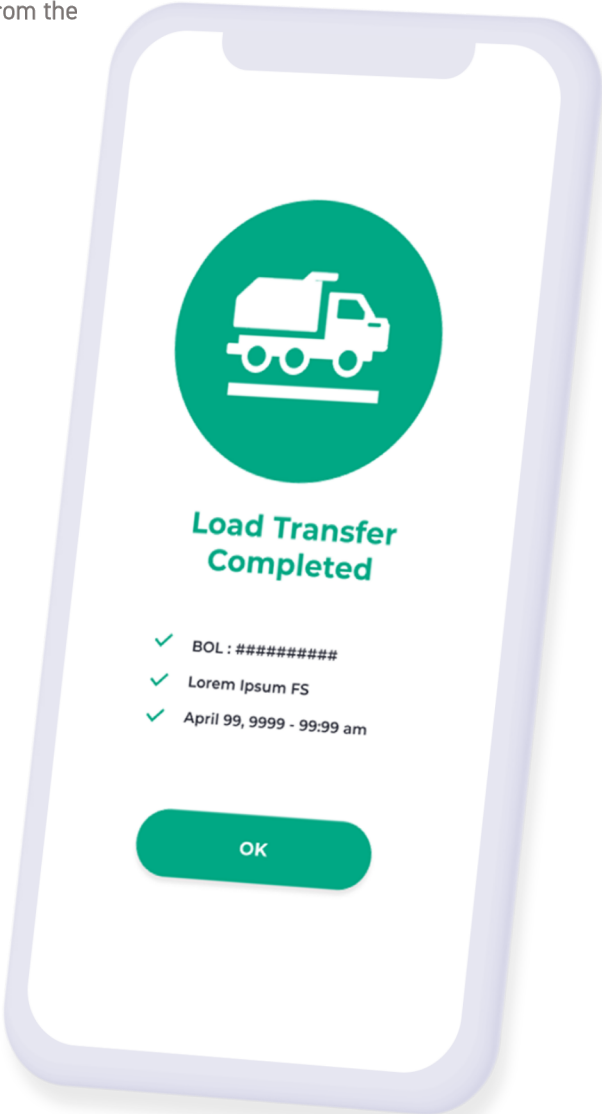
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✓

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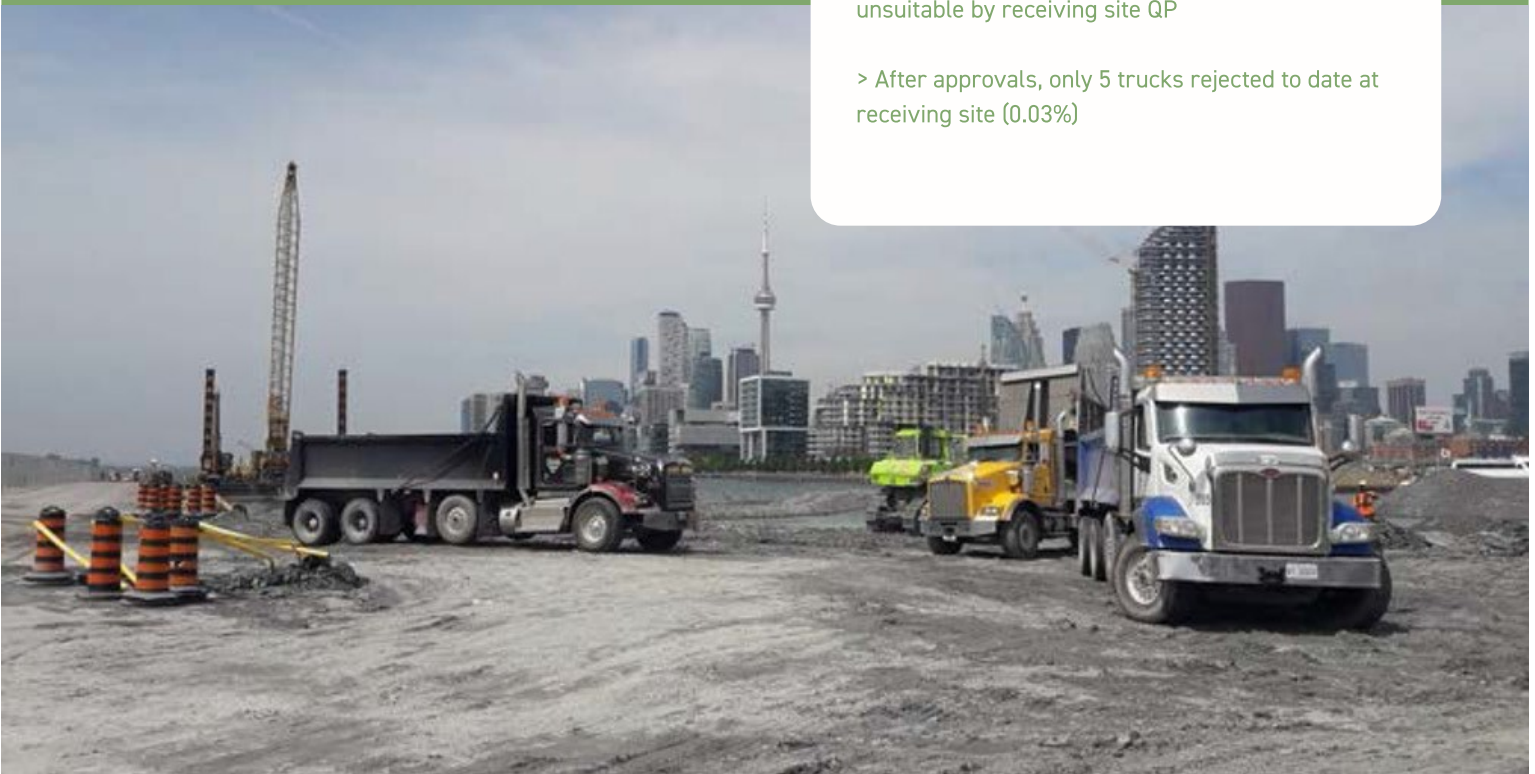
Overview

The Cherry Street Lakefilling Project (CFLP) began in December 2017 with the intent of creating new land around Essroc Quay in Toronto. This initiative is part of the Port Lands Flood Protection Project intended to stabilize the shoreline during extreme weather conditions. The scope of this project included the development of 1 hectare of aquatic habitat, a foundation for a new bridge and road, and preparation for the development of a new park and trail system for community use.

GFL Infrastructure formed part of the construction team supporting the soil importation and reuse from multiple Source Sites to the Receiving Site, 312 Cherry Street to support the CFLP. The initial phase of the project was completed in March of 2020, and statistics released from Waterfront Toronto demonstrate the size and magnitude of this undertaking. In total 350,000m³ of soil was required for reuse at CFLP to enhance flood protection. The total number of trucks used in this initial phase was approximately 25,000 trucks that transported soil between the Source Sites and CFLP, which was equal to an average of 350 trucks per day. Given the tight deadline for the project, any delay in operations had a significant impact. Ensuring the project was completed successfully and on-schedule was no easy feat.

Lakefill Project

- > Total volume to be lake filled: 350,000m³
- > Total trucks: 25,000
- > 250,000m³ received from GFL – remaining soil sourced from future projects
- > Tracking and approval software enabled communication between Source Sites and CFLP
- > Prior to shipment system: 25% of soils were deemed unsuitable by source QP; 10% deemed unsuitable by receiving site QP
- > After approvals, only 5 trucks rejected to date at receiving site (0.03%)



The Final Results

The software capabilities included a secure tracking device where the Source Site can monitor and track the status of batches. It also provided a two-way communication path between the Source Site and Receiving Site and complete transparency for third parties.

Through PATH, all parties operate independently while accessing one central hub to ensure users have a means of communicating with each other. One of the software's viable features offers a list of available QPs to enable faster operation time. This functionality

makes PATH a unique software in the marketplace as it is the only system that offers users a list of suitable sites for their soil type.

Previously, the QPs involved in the Lakefilling Project were unable to create standardized reports due to differing opinions about what constituted an excess soil management plan. This proved to be a time-consuming process and an ever-present challenge for all entities given the tight deadlines to complete the project. However, with PATH, users can track batch progress and maintain records of previous orders.

Before PATH

- > Lack of communication
- > Lack of visibility

After PATH

- > Complete record of batch transfer:
 - All batch transfers
 - Audits
 - Invoices

PATH enables effective communication between Source Sites and Receiving Sites. Through this comprehensive software, all sectors will benefit, including Source Sites, Receiving Sites, haulers, QPs and third-party entities, while maintaining complete control over the confidentiality of their data.





Sign up for a DEMO to learn more about the value PATH can bring to your organization by visiting our website at www.pathub.ca.

If you need further information about PATH, don't hesitate to contact us:

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Connect with us on LinkedIn:

Project Area Tracking Hub

