OFFICIAL SHOW GUIDE
Learn the latest in quarry technology, in your region, in one day.

April 25, 2019 • Royal Oaks Golf Club • Moncton, NB

RESERVE YOUR SEAT AT QUARRYTECH.CA • RECEIVE 20% OFF REGISTRATION WITH DISCOUNT CODE QT20
A non-profit organization representing contractors, support service firms, suppliers and engineers. Collectively our members are responsible for the vast majority of provincial road building and municipal infrastructure projects in New Brunswick.

Formed in 1958, we are independent of any other organization or association. Funded by private sector members, we provide a means of sharing upcoming road building and construction project information. We also keep members abreast of the latest industry changes and trends.
WHAT IS QUARRY TECH?

Quarry Tech is a one-day forum exclusively for quarry and pit owners and operators that will offer attendees case studies and panel sessions presented by industry experts covering a wide variety of topics including processing fines within the crushing circuit; wash screen optimization: making water work for you; modernizing aggregate dispatch for subcontracted haulers; solving real world aggregates production issues with information management software; enhanced sealing arrangements for prolonging operating life in rolling components; the benefits of legal-for-trade wheel loader scales for government contracts; and a look at the Volvo CE/Skanska Sweden electric site quarry project.

DATE: April 25, 2019
LOCATION: Royal Oaks Golf Club, 401 Royal Oaks Blvd., Moncton, NB E1H 3S7

THANK YOU TO OUR GENEROUS SPONSORS
8:00AM TO 9:00AM
REGISTRATION AND NETWORKING BREAKFAST
Pick up your name badge and show guide at the registration desk and enjoy breakfast compliments of Rock to Road.

9:00AM TO 9:45AM
PROCESSING FINES WITHIN THE CRUSHING CIRCUIT
Presenter: John Bennington, product manager, washing/classifying, Superior Industries.
This presentation will focus on a new technology designed to fill a hole in the crushing process. Superior’s new Alliance Low Water Washer accepts a dry feed within the crushing circuit and produces a more valuable version of manufactured sand. Why more? Because aggregate producers no longer have to re-handle and haul those crusher fines to a separate wash site.

9:45AM TO 10:30AM
WASH SCREEN OPTIMIZATION: MAKING WATER WORK FOR YOU
Presenter: Jef McGee, new business manager, Polydeck Screen Corp.
This presentation will tackle a number of wash screen related topics, including: Why water is important, how much water is required, why water pressure is important, water set-up in the head box, spray bars, and things to look for, such as visual indicators and gradations.

10:30AM TO 11:00AM
NETWORKING BREAK

11:00AM TO 11:45AM
MODERNIZING AGGREGATE DISPATCH: SOLUTIONS BUILT FOR SUBCONTRACTED HAULERS.
Presenter: Noah Dolgoy, CEO and founder of TREAD Technologies.
This presentation will establish what dynamic (mobile/web) dispatch of subcontractors is and why people are seeking out a solution like this. He will provide context of what was possible two to five years ago, and what is possible now. It will provide a holistic view of technology use in the aggregate industry. Noah will talk about multiple companies launching mobile-based applications and web platforms to support aggregate supply chains and workflows – focusing on what is motivating this across the aggregate and trucking industries. This session will include a case study on TREAD’s work with Lafarge GTA Aggregates related to subcontractor hauler safety.

11:45AM TO 12:30PM
SOLVING REAL WORLD AGGREGATES PRODUCTION ISSUES WITH INFORMATION MANAGEMENT SOFTWARE
Presenter: Joe Steiger, National Accounts Manager, Trimble.
Attendees will hear a practical guide on using the latest information management software to help aggregate producers address some of the most common process bottlenecks encountered in the production and distribution of construction aggregates. The session will include step-by-step examples of how to monitor equipment and operator performance, accurately track inventory, downtime and delays, and track KPIs across

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multiple sites. It will then expand to show how periodic reporting can be used to get stakeholder buy in to process improvement actions and provide timely feedback and control on the effectiveness of those actions. A case study will be provided.

**12:30PM TO 1:30PM**
**NETWORKING LUNCHEON**
Networking lunch generously sponsored by Aggregate Equipment.

**1:30PM TO 2:00PM**
**ENHANCED SEALING ARRANGEMENT PROLONGS OPERATING LIFE IN ROLLING COMPONENTS**
*Presenter: Roy Wilks, Canadian sales manager of distribution and engineering, Luff Industries.*

The significance of idlers is often under estimated when efficiency analysis is performed on belt conveyors. Because price is often the sole selection criteria, the design and failure rate is not taken into consideration which can lead to higher operating costs. Deliberate, customized selection of idlers for specific applications can often solve multiple conveyor problems at once, producing enormous cost savings. This presentation will cover Luff’s experience in providing an optimal sealing solution to ensure a longer idler service life and an overall more efficient conveyor system.

**2:00PM TO 2:30PM**
**THE BENEFITS OF LEGAL-FOR-TRADE WHEEL LOADER SCALES FOR GOVERNMENT CONTRACTS**
*Presenter: Justin Marshall, operations manager, All Weigh Systems.*

There are several companies that have Measurement Canada approved scales that can be installed on wheel loaders. This option has one big benefit, lower cost to the government and faster startup time for the contractor. A wheel loader needs to be on site anyway to load trucks, but the contractor doesn’t need to spend one to two days to setup a truck scale. This presentation will discuss the benefits for legal for trade wheel loader scales for securing government contracts.

**2:30PM TO 3:00PM**
**NETWORKING BREAK**

**3:00PM TO 3:30PM**
**Q&A: ELECTRIFIED QUARRY TEST SITE RESULTS**
*Presenter: Andrew Snook, Rock to Road Magazine.*

Uwe Müller, chief project manager for the Electric Site at Volvo CE has graciously agreed to answer the questions submitted in advance by Rock to Road’s readers related to the $30-million electrified quarry test site and its recent results, which surpassed expectations. The project – created by Volvo CE and Skanska Sweden in partnership with the Swedish Energy Agency and two Swedish universities – was designed to electrify certain transport stages in quarry operations from excavation to primary crushing and transport to secondary crushing though the use of autonomous and electric vehicle prototypes. Rock to Road, will share Uwe Müller’s answers with Quarry Tech attendees and offer a look at the unique project.
Throughout the aggregates industry, John Bennington is recognized as the dean of wet processing technologies. That’s why his Superior colleagues refer to him as the “Professor”. Before Superior, Bennington held sales and management roles at Metso and the company formerly known as Greystone, before Superior’s acquisition in 2014.

NOAH DOLGOY
Serial accidental entrepreneur, former corporate lawyer and infrastructure financier, Noah is the CEO and founder of Tread, a Toronto-based construction technology company founded in 2016. Tread is a mobile application and cloud platform that provides visibility and performance metrics for subcontractors. The team is focused on solving compliance and operational challenges around material movement. Noah and his team are eager to unlock simple but powerful solutions to track aggregate, asphalt, soil, salt, etc. and identify operational efficiencies for hauling material.

JUSTIN MARSHALL
Justin Marshall is the operations manager of All Weigh Systems. With over 17 years of hands-on experience in the weighing industry, Justin is now the operations manager of All Weigh Systems, the Maritime’s most diverse scale company. Justin’s role is to provide All Weigh Systems’ clients with industry leading technology that assist with lowering downtime and maintenance while also being cost effective. All Weigh Systems can supply clients with laboratory scales, conveyor scale, truck scale, onboard weighing systems as well as custom weighing applications. Due to the large client base that All Weigh Systems maintains, Justin’s experience and knowledge base is the culmination of all the years of experience in assisting clients with their weighing unique applications.
JEF MCGEE
Jef has spent 34 years in the aggregate industry and is currently new business manager of aggregates at Polydeck Screen Corporation. A native of Illinois, he received his mining engineering degree from Missouri-Rolla then began his career as a mining engineer, then as a production foreman before becoming plant manager for three quarries in the U.S. Midwest. He served as an area operation manager for another Midwest producer before joining Polydeck in 2006 as an applications engineer.

JOE STEIGER
Joe Steiger is the national account manager for Trimble LOADRITE. In this role for the last seven years, his primary responsibility is meeting with corporate aggregate managers, regional and site managers, performance improvement teams and mobile equipment managers to help them find solutions in monitoring and improving their operations. Gains by reducing maintenance costs, improving machine availability and most importantly, maximizing tons per hour are critical in today's market. This streamlining has made Joe's consulting-based solutions invaluable to mining and quarry operations.

ROY WILKS
Roy Wilks, Canadian sales manager of distribution and engineering for Luff Industries, has worked with many clients around the world to select suitable belt conveyor components. These end users have a wide variety of operations and applications for which Roy has made recommendations of belt conveyor idlers, pulleys and belt cleaning systems. He has visited many of these sites to gain first-hand knowledge of the challenges in the industry in order to help improve the conveying performance of these operations.

ANDREW SNOOK
Andrew Snook is the editor of Rock to Road and Crane & Hoist Canada. He has been covering the aggregates and roadbuilding industry since 2015. Over his career as a B2B editor, Andrew has also covered the forestry, biomass, heavy construction and mechanical sectors across Canada. Before becoming a B2B editor, Andrew worked as a newspaper reporter in the Ottawa area. Since 2009, Andrew's articles have been published in more than 40 national and international publications. His work has been nominated for Engineers Canada's Award of Journalism Excellence in Engineering.

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ABOVE: The latest technologies and techniques for optimizing quarry and pit operations were on display at Rock to Road’s Quarry Tech forum held in Vancouver on March 6. Polydeck Screen Corporation’s new business manager of aggregates Jef McGee discussed wash screen optimization at the forum.

LEFT: Kate Klassen, director of operations for Coastal Drone Co., offers an update on Canadian drone regulations, compliance, management and training.

LEFT: Frontline Machinery’s president Daryl Todd and senior director of marketing and business Crissy Ram enjoy a laugh during the Quarry Tech forum in Vancouver. Daryl Todd presented on the benefits of hybrid crushing technologies.

LEFT: Tread CEO Noah Dolgoy offers the crowd a new solution for modernizing aggregate dispatch for subcontracted haulers.
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www.quarrytech.ca | www.pavetech.ca
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