



2014 SCREENINGS

VOLUME 13 / ISSUE 1

THE PUBLICATION OF THE BRITISH COLUMBIA STONE, SAND & GRAVEL ASSOCIATION

Dear Members,
Spring is in the air!

As the BCSSGA embarks another year, setting new goals and tackling important industry issues, we look forward to a busy and productive schedule. We have four upcoming general meetings this year, which we hope you will join us for. This is also the first of three Screenings newsletters that will be produced in 2014, now in a larger 20 page format. We welcome your contributions of articles, photos and news tips. With all this activity taking place and limited resources to do it with, we count on your support and participation to help us do the best job possible!

Your feedback is always welcome. Thank you for continuing to assist us in successfully representing BC's dynamic aggregate industry!

Sincerely,
BCSSGA

BCSSGA Mission Statement

TO ENCOURAGE the formulation of government policies that support investment in the sustainable development of British Columbia's aggregate resource.

TO PROVIDE a network for the effective exchange of information within the aggregate industry throughout British Columbia.

TO COMMUNICATE the economic importance and environmentally responsible nature of the aggregate industry to the public and to government.

TO PROMOTE the exchange of information between the various mining-related associations throughout Canada.

INSIDE THIS ISSUE:

BCSSGA Membership	2
Highlights from March 13 Meeting.....	3
Highlights from January 16 Meeting	4 & 5
\$11 Billion LNG Project Seeks Concrete Answers	6
Inland Kenworth/Parker Pacific Going the Distance.....	7
BCCSA Can Help With All Your Safety Needs	7
Independent Contractors & Businesses Association Upcoming Courses.....	8
December 2013 Chief Inspector's Directive: NxBurst Safety Cartridges, Storage and Use.....	9
Injury Management: The Importance of Return to Work.....	9
Bill 17	10 & 11

MARK YOUR CALENDAR!

PLEASE NOTE THE DATES AND LOCATIONS FOR OUR 2014 MEETINGS:

MAY 15
(AGM in Langley)

JULY 17
(Vancouver Island)

SEPTEMBER 16
(Kelowna)

NOVEMBER 20
(Langley)

BCSSGA Committees

COMMITTEE NAME	CHAIR	OTHER MEMBERS
Action Committee	Ted Carlson	Ted Carlson, Bob Esau, Ed Claggett, Scott Boshart, Brian Weeks, Chuck Willms
Financial Committee	Barry McLean	
Workplace Safety Committee	Paul Allard	Brad Kohl, Steve Dimond, Barry McLean
Labour Shortage Task Force	Dan Warrington	
Safety, Community Relations and Reclamation Awards	John Foreman	John Tiefenbacher, Trevor Ward, Paul Allard to administer
BC Construction Safety Alliance		Andre Balfe, Paul Allard Ex-Officio
Screenings Newsletter	Paul Allard (Editor)	Leah Altizer (Writer), Brian Weeks, Jeff Watson
Technical Training	John Tiefenbacher	John Foreman, Trevor Ward, Paul Allard to administer
Truck Safety/Registry Committee	Bob Esau	Derek Holmes, Tony Martens
Website Design/Maintenance	Paul Allard	Steve Dimond, Brian Weeks
Scholarships		Bob Esau, Brad Kohl, Markus Kopper, David Durante, John Dodds
Awareness and Promotion Program	Barry McLean	Brad Kohl
Membership Committee	EVERYONE IN THE BCSSGA	
Resource Roads Act	Erwin Spletzer	Derek Holmes
Surrey Soil Removal Bylaw	Ted Carlson	Brent Palmer, Dave Vernon
Recycling Committee	Kris Watrich	Nick Lieuzinger, Henry Xu

Membership Has its Benefits!

CHECK OUT THESE FANTASTIC PROGRAMS AVAILABLE TO BCSSGA MEMBERS.



WILSON M. BECK
INSURANCE SERVICES INC.
Constructive Advice - Superior Service

Wilson M. Beck Insurance Services Inc.

With over 30 years of construction insurance experience, Wilson M. Beck Insurance Services Inc. has a client portfolio that includes general contractors, developers, construction managers, civil contractors, and virtually every sub-trade that services the construction industry. We have the expertise to discuss emerging industry issues with underwriters such as silica exclusions and pyrite exposures and provide general liability extensions such as Rip and Tear coverage.

For information, please contact
Nikki Keith, CAIB - Vice President
nkeith@wmbeck.com or 604-437-6200.



ICBA Employee Benefits & Retirement Program

- Volume buying advantage - wholesale pricing on new or existing employee benefit plans.
- Potential savings up to 20% - depending on your group size and current program.
- Stable renewal rates
- Knowledgeable service and support
- Your participation supports our association

For more information please contact
Tom Castonguay - email tom@icbabenefits.ca
or call directly at 604-832-2029.

DO YOU

Have Something to Tell Our Members?

SCREENINGS is always looking for useful information to pass on to our members! If you would like to write an article in 2014, or if you are an advertiser who would like to update your ad, the next deadlines for new material are **August 8th & November 8th**. We look forward to your input!

BCSSGA Officers

Ted Carlson, *President*

Brent Palmer, *1st Vice President*

Brian Butler, *2nd Vice President*

Barry McLean, *Treasurer*

Brian Weeks, *Secretary*

Bob Esau, *Past President*

Paul Allard, *Executive Director*

Highlights from BCSSGA's General Meeting Langley, March 13, 2014

LUNCH SPONSORS: Elrus Aggregate Systems, Haver & Tyler Rocky Mountain, Iron Planet, Mormak Equipment, SMS Equipment, Valley Testing, and Western Canadian Screens.

Presentation by Ed Taje, Senior Inspector South Coast Region, Ministry of Energy and Mining

FVRD SOIL BYLAW

- The FVRD has updated the Red/Yellow/Green map as part of their new soil removal bylaw.
- Existing operations in red zones will be grandfathered.
- The bylaw language should be available within days.

NEW MINES ACT FEES

- All our members will be affected eventually if the proposed legislation goes through. Fees for permit applications and amendments will range from \$500 to \$300,000 for large scale major mines.
- BCSSGA members were provided with the draft proposal and were asked to provide input by March 31st.

Presentation by Tom Castonguay, ICBA Benefit Services

- ICBA Benefit Services offers our members the ability to take advantage of bulk purchase pricing for insurance products. They can provide insurance to companies of all sizes. Our association gets a small benefit when our members take advantage of this program.
- ICBA provides education services, offering many courses each year. They are open to members and non-members. Sabine Just sends out e-mail notifications often. If you are not on her mailing list, contact her at ICBA. ICBA can offer assistance when dealing with WorkSafeBC issues.
- ICBA can offer estate planning and succession planning services too.

Review of Trucking Concerns:

- The public's impression of our industry is largely influenced by their interactions with truckers. It is not always easy to identify offending truckers. The truck registry used in Alberta seems to be effective and growing.
- A discussion took place as to whether or not BCSSGA should reconsider implementing a version of this program to make it province-wide or regional. In the past, this was a contentious issue.

ICBC support would be ideal; however, if the major suppliers in the Lower Mainland were to implement this for their operations, probably 95% of Lower Mainland trucks would eventually be covered.

- The reduction in allowable payload for multi-axle trucks seems to have been delayed again and we are unsure if or when will be activated.
- Many trucks bringing spoil to dump sites come in overloaded. If an accident is caused by a truck found to be overloaded, ICBC has the ability to deem the company which loaded the truck to be a contributor to the accident, hence partially liable for any damages ICBC has to pay.
- Some companies are requiring trucks to have their registered GVW posted on the door of the truck so the loader operator and scale person can know what is legal for each truck. It would be useful to have ICBC's backing on this matter.

Hazard Awareness Training Program Update

- Some of the MEM inspectors took our HAT course. They provided 25 recommendations for improvements. A motion was passed to make the necessary changes.
- MEM is prevented from recommending a particular supplier where there are competitors, but they can make sure operators are aware the HAT training program exists.

Mine Act and Regulations Review

- The review has been ongoing informally but will likely become a formal review in a year or so. It is likely our Association would be asked for input. We will prepare a formal request to get this involvement.

CP Rail Lawsuit against the BC Government:

- CP Rail is taking the provincial government to court claiming that when it returned designated ROW land to the government, it did not return the rights to the timber and aggregate resources. i.e. that any stumpage or royalties collected on those lands should be returned to CP Rail. We will keep the membership informed when we obtain more information on the background and potential implications.

Highlights from BCSSGA's General Meeting Vancouver, January 16, 2014

LUNCH SPONSOR:

Fasken Martineau DuMoulin

Presentation by Hon. Bill Bennett, Ministry of Energy and Mines

- The provincial government recognizes the importance of aggregates to the economy.
- NOW's are now being done on average in 55 days.
- A review of the aggregate policy is now underway.

Presentation by Stewart Guy, Forests, Lands and Natural Resource Operations

- The aggregate policy review is being taken very seriously and involves multiple ministries. A meeting in December 2013 with BCSSGA addressed the following issues:
 - A. Processing on site needs to be enabled
 - B. The revenue stream is inconsistent
 - C. Permit processing needs to be streamlined
 - D. We will work with local government to help them understand the need to manage aggregates within their community
 - E. Aggregate reserves need to be properly located and preserved against sterilization

Presentation by Jay Bradley, Forests, Lands and Natural Resource Operations

- They understand our industry's need for certainty, which will require local government cooperation.
- One goal is standardizing fees, which presents significant challenges.
- Aggregates should be treated as a provincial resource.
- Consideration will be given to Soil Removal Bylaws as part of the policy review. This is part of the eventual land use.

Presentation by Ed Taje, Ministry of Energy and Mines - Social License

- Social license is now a common expectation in the creation and maintenance of any activity in the public sphere.

- First Nations consultation is the responsibility of government. Only parts of this responsibility can be delegated.
- It is in operators' interests to acquire social license but it is not a regulated requirement.
- It can be for the ongoing approval and acceptance of the operation.
- It will evolve around such topics as: dust control; water; slope stability; noise; trucking.
- Operators can:
 - A. Engage a broad range of stakeholders and be up front, open and honest with them. Don't make promises you will not / cannot keep
 - B. Stay active in the community affairs
 - C. Make your employees part of the process
 - D. Get professional help when necessary
- Recognize you will never convert all the naysayers. But you can blunt their credibility if the rest of the community understands and accepts your business.

Presentation by Michael Coburn, Fasken Martineau DuMoulin - PST Exemptions for Aggregate Production Machinery

- How to tell if a transaction should be exempt:
 - A. General exemptions: Purchase for resale, reuse, blending, to First Nations
 - B. Category exemptions: manufacturing, mine operation, resource exploration, oil and gas production, logging, and service providers to the above
- Our industry members are most likely to be exempt under mine operation. The legislation states: "for use in BC primarily and directly in the extraction or processing of qualifying minerals". Sand and gravel is included in minerals.
- Equipment must be primarily (i.e. over 50%) used for processing. Processing includes all operations from extraction until the first load onto a transport vehicle.
- Purchaser must produce Form FIN492 to qualify under a category exemption. Simple PST registration is not sufficient. (It is possible to create your own form as long as it contains the same information.)
 - A. The form must list specific equipment to be exempted. A generic term is not sufficient.



LEFT TO RIGHT: Minister Bennett, Ministry of Energy & Mines, addressed the BCSSGA delegates explaining the importance of aggregates to BC's economy and how his Ministry is working together with the aggregate industry to reduce red tape and streamline the permitting process. BCSSGA celebrating its 25th birthday. Three of the original signatories to the very first Society Act filings in December 1988 were in attendance. Left to right: Jim Allard, Ron Bruhaug, John Foreman.

For example, “cone crusher” is ok, “mining equipment” is not.

B. You may only have to do this on the first sale, as long as the details on the first certificate are still accurate.

C. Can use electronic signatures or other way to confirm the purchase qualifies.

- There is potential liability to the supplier if PST is not charged and a certificate (or improperly completed certificate) is not provided.
- It might be possible to charge the PST and hold it until the certificate is provided. Can only hold it until your normal remittance date but might be extended to 180 days.
- You may be held liable for PST if you don't charge it and you have reason to believe (or should have known) the equipment will be used for non-eligible purposes.
- Other possible exemptions:
 - a) Machinery or equipment purchased by “service providers” to a mine
 - b) Quantity of work under \$30,000
 - c) Parts and materials for exempt equipment

Ted Carlson - Styrofoam

- Use of Styrofoam on the Highway #1 project replaced some 600,000 tonnes of aggregate. This may be due to the need for lightweight fill and discontinued use of hog fuel. We should determine if Styrofoam is cost effective. Reported costs for Styrofoam were \$125 to \$300 per cubic meter including the needed wrapping to protect it from petrochemical fills.
- It might be interesting to hear from our members who supply lightweight aggregates.

- It also appears that use of Styrofoam may be a factor in speedier installation of bridge end fills, which could have benefits to the project schedule

Involvement in BC Road Builders and Heavy Construction Association

- The association has 250 members who do 80% of the highways work in the province.
- Our associations should work more closely to align and work on common political strategies.
- The executive committee of the BCSSGA will meet with the BCRBHCA to investigate a closer relationship between the two associations.

Other Topics of Discussion

- 2014 Membership Dues were waived for the Association of Equipment Distributors, the BC Road Builders and Heavy Construction Equipment Association, Canvest Communications and The Supply Post.
- If you would like any workplace safety flip chart booklets, please contact Paul Allard.
- The workplace safety training program still has little uptake. The Ministry of Energy and Mines may be able to assist in the promotion of the program if there is an appropriate disclaimer added. The BC Road Builders will also help distribute promotional material.
- There has been a recent change in the MFLNRO handling of tenure requests for timber, which could put another agency (BC Timber Sales) into the permitting of mine sites. If any of our members become involved, please let BCSSGA know how it is working.

\$11 Billion LNG Project Seeks Concrete Answers

HIGHBANK RESOURCES GRANTED PRODUCTION PERMIT FOR SWAMP POINT NORTH AGGREGATE PROJECT

BY FINANCIAL PRESS

The Prince Rupert area is targeted for multiple massive construction projects including the \$11 billion LNG facility at the Port of Prince Rupert. Malaysian petroleum giant Petronas has also declared a commitment to inject \$36 billion into British Columbia LNG. Overall, the “announced” construction and infrastructure projects in the region add up to \$60 billion.

On March 19, 2014, Highbank Resources (HBK-TSX-V) announced that it received a Notice of Work Permit approval for the Swamp Point North Aggregate Project 78 miles by sea north of Prince Rupert. This milestone is the culmination of six years development and collaboration with First Nations and government stakeholders, by management.

Highbank has an at-surface NI 43-101 compliant aggregate resource of 72 million tonnes, with initial off-take commitments. Aggregate is an industrial crushed rock that is the primary ingredient in concrete.

“This permit is a very big milestone for us,” confirms Highbank CEO Victor Bryant in an exclusive interview with Financial Press, “we have been working on this, getting over the hurdles, for about six years. There is now a very straightforward path to production.

Aggregate mining generates dust and noise. Proposed projects often meet opposition from local residents wishing to preserve tranquility. The Swamp Point North project is in a completely isolated area, accessible only by boat and helicopter.

“Our location is one of our key advantages,” states Bryant, “We are close to the epicenter of the Northern B.C. construction boom, and we are on tidewater. The cost advantages are significant. Aggregate is a bulk commodity. Transportation is a major cost factor. Highbank can load directly onto barges and ships whereas many of our competitors are forced to truck in the product.”

Unlike gold, silver, copper, iron ore, an aggregate mine requires little in terms of preparation before market.

“Our product is very close to surface,” states Bryant, “We only have about half a metre of material to remove before we are into the aggregate. The raw material will contain a



few large rocks. But it is basically what we call ‘free digging’. The large rocks will be put aside, and then it will be crushed and sized. Construction companies order different blends depending on what type of concrete they are making. Highbank aggregate is suitable for high-rise construction, although most of our end-use will be industrial.”

The Highbank aggregate begins at the shoreline and flows back at surface on relatively flat land. The product is so close to the load-out facility that it can be delivered to the barges on a conveyor belt system.

Highbank’s initial targeted production rate is 235,000 tonnes a year, but with the anticipated growth demand from the LNG terminals in 2015, the company may apply for a permit to expand production.

Unlike gold mines, which seem to start at about \$100 million, the Capex of the Highbank Aggregate Project is only about \$4 million because of the minimal amount of processing. The \$4.0 million will be raised either through debt financing or a combination of debt and equity.

“We’re looking at starting production in the summer of 2014,” confirms Bryant, “The timing of our work permits is excellent, because the first phase of LNG construction is relatively small but it will ramp up dramatically in 2015. And we will be ready to deliver aggregate to Northern B.C. construction projects at very competitive prices. Being on tidal water that is open year round, gives us a huge competitive advantage.”

Aggregate is the world’s most mined material next to oil. 2013 global sales revenues are around \$100 billion. Annual Canadian consumption of aggregate is 10 to 15 tons per person. Highbank’s First Sales Contract has been signed with West Fraser Concrete for 100,000 tonnes.

Inland Kenworth/Parker Pacific Going the Distance

CONTRIBUTED BY CARLY WETHERSETT, Director of Marketing and Communications, Work Truck West

When it comes to serving customers in remote regions of Western Canada, Inland Kenworth/Parker Pacific knows a thing or two about being responsive to their service needs regardless of location, terrain, and weather. With 13 branches across British Columbia and the Yukon, their customers are spread far and wide, and are hard at work in Western Canada's vital industries, including forestry, mining, road building, and construction. Each of their branches is staffed with fully-trained service technicians, but in a lot of cases, it's not possible to bring downed equipment to the branch for service, repair, and maintenance. For these situations, Inland Kenworth/Parker Pacific deploys mobile service trucks that go to their customer's location to perform mechanics services on-site. The trucks are equipped with hydraulic cranes for lifting heavy components such as engines, air compressors for air tools, and lots of cabinet space for hand tools, welders, spare hoses, and whatever else the mechanic might need when they're 200 kilometers from the nearest hydraulic shop.

Inland Kenworth/Parker Pacific chose Work Truck West, a work truck equipment provider located in Abbotsford, BC, to supply their fleet of service trucks back in 2010. Four years

later, they now have a fleet of over 25 mechanics service trucks from Work Truck West, and continue to partner with them for work truck equipment. "Work Truck West has been great to work with over the past several years", said Tracey Russell, general manager of Inland Kenworth/Parker Pacific based in their Burnaby, BC head office. "They are very responsive to developing appropriate work truck packages we have in our branch fleets, and the mechanics love getting into their new service trucks when they're delivered. They take these trucks to very remote locations and spend a ton of time using them, so it's critical to the branches and our company overall that their trucks are built to last and equipped with every option they may need in the field. Our customers depend on it."

Work Truck West has been producing work truck packages for over 40 years under their parent company, West Coast Machinery Ltd. They specialize in customized mechanics service truck packages for contractors and equipment dealers like Inland Kenworth/Parker Pacific, as well as medium-duty flat deck, picker deck, and dump body packages for customers across Western Canada.

BCCSA Can Help With All Your Safety Needs

SUBMITTED BY BC CONSTRUCTION SAFETY ALLIANCE

If you're looking for safety help, ideas and gear, look no further than the BC Construction Safety Alliance's website. Through your WorkSafeBC premiums, you help fund the BCCSA and its myriad of programs to boost your safety and productivity.

If you haven't yet used their free Regional Safety Adviser service then contact one today. Contact information is on their website at www.bccsa.ca/safety-consultation.html

Also, the BCCSA recently posted a pair of new documents that can help you with your safety programs:

- The employee assessment report, which can be used to assess the health and safety knowledge of new hires or returning workers who have been away from the job for more than 6 weeks; and
- The Worksite Close Call/near miss incident report, which can be made into easy-carry, pocket-sized booklets for reporting close calls or near misses workers see on site.



- In addition, the BCCSA has a variety of products available for on-line purchase, including TCP reflective hard hat strips, COR Certified hard hat stickers, occupational first aid kits, and more.

Specialty items available include their own Level 2 enhanced first aid kits, which have been developed especially for the construction industry and feature many items not found in most other first aid kits, including steel scissors, sterile adhesive dressing in assorted sizes, sterile gauze dressings, and full-size blankets.

Other popular items are Vital ID tags, which adhere to a worker's hard hat and contain important medical information required in an emergency.

BCCSA also offers a discounted rate for the "Handi-Guide to British Columbia's OHS Regulation" (2012 Edition), a convenient guide to BC's Occupational Health and Safety regulations. A great safety resource for supervisors and workers! You can check out the gear and more on the products page of their website at www.bccsa.ca.

Independent Contractors & Businesses Association

Upcoming Courses

ICBA is committed to providing the very best training possible through the BC Construction Training Centre. The BCCTC offers a comprehensive series of courses at a multi-classroom facility in Burnaby, including Gold Seal courses. We also offer safety, compliance, code and management courses and seminars.



Check out our May training schedule:

DATE	LOCATION	COURSE	DATE	LOCATION	COURSE
May 1-2	Terrace	Leading People to Peak Performance	May 12-13	Victoria	Construction Law
May 1	Burnaby	The President's Job Description	May 12	Kelowna	PST Issues for the Construction Industry
May 2	Prince George	How to Be a Better Foreman	May 14	Burnaby	LEED for Contractors
May 2	Nanaimo	Supervisors Bootcamp	May 23	Burnaby	Introduction to Blueprint Reading
May 5-6	Victoria	Supervisory & Management Skills	May 26	Prince George	PST Issues for the Construction Industry
May 6	Burnaby	Managing Field and Labour Productivity to Improve the Bottom Line	May 27	Burnaby	Leading People to Peak Performance
May 7-8	Prince George	Leading People to Peak Performance	May 27	Victoria	PST Issues for the Construction Industry
May 7	Burnaby	Cost and Schedule Tracking	May 29	Burnaby	New Energy Efficiency Requirements in BC
May 8-9	Burnaby	Electrical Estimating	May 30	Kamloops	How to Be a Better Foreman
May 8-9	Kelowna	Understanding Project Management	May 30	Burnaby	Sales Skills Workshop
May 9	Burnaby	Time Management Workshop	May 30	Burnaby	Occupational First Aid Level 1
May 10	Burnaby	Occupational First Aid Level 1			

For more information, go to www.icba.bc.ca.

(CON'T FROM PAGE 6)

\$11 Billion LNG Project Seeks Concrete Answers

"My guess is that about 80% of Highbank aggregate will be used in concrete," states Bryant, "but in the BC North there is a lot of clay, which is not stable to build on. So a lot of times the construction company will excavate the clay and use aggregate to back-fill, thereby creating a stable foundation for the construction and provide good drainage."

On November 2, 2012, Highbank announced the signing of a Cooperation Agreement with the Metlakatla First Nation with the stated objective of giving the Metlakatla the opportunity to participate in the economic benefits of an aggregate project on their traditional lands. Discussions with the other First Nation in the area, the Nisga'a have taken place and Highbank will also offer job training to suitably qualified candidates.

This Cooperation Agreement has been a key to Highbank's successful permitting process. The Metlakatla have been supportive of Highbank's application, and Highbank has pledged to provide Metlakatla the first opportunity to fill jobs and to securing contracts for goods and services.

"Highbank respects the Metlakatla and Nisga'a traditions and their longstanding commitment to preserve their way of life in their traditional territory" stated Bryant.

The Swamp Point Project represents an opportunity to invest in sustainable, innovative and broadly based renewed economic development activity for Northwest BC.

Highbank is currently trading at \$0.15 with a market cap of \$12 million.

Excerpt from December 2013 Chief Inspector's Directive: NxBurst Safety Cartridges, Storage and Use

The managers of any mine where NxBurst Safety Cartridges are used must assure:

1. The persons who use the NxBurst Safety Cartridges are trained in their use and hold a valid blasting certificate issued by the Ministry of Energy and Mines. The blasting certificate may be restricted to the use of the NxBurst Safety Cartridges only.
2. The NxBurst Safety Cartridges are stored in a secure storage container or detonator magazine and a current inventory kept in a log book signed by the authorized person in charge.
3. There is a written procedure for the storage, transportation and use of the NxBurst Safety Cartridges. The procedure must include clearing and guarding the blast area prior to blasting; giving an effective audible warning; firing a shot; and giving an "all clear" once the blast area is determined safe after the blast. Employees using this product and their supervisors must be trained in the procedure and a record kept of this training.

Injury Management: The Importance of Return to Work

BY MIKE MCKENNA, EXECUTIVE DIRECTOR, BC CONSTRUCTION SAFETY ALLIANCE

Injury Management programs are based on the philosophy that many injured workers can safely perform productive work during their recovery. Having an Injury Management program helps prevent long term disability. Research confirms that people who never lose time from work have better outcomes than people who lose some time from work – American College of Occupational and Environmental Medicine, Sept 2006.

Having a game plan for dealing with injuries is operationally important for any company. If you don't have a process in place then you could be left out of the loop when it comes to knowing about and assisting your worker with their injury. Here are some helpful steps employers can follow when developing an injury management plan:

Step 1: First Response

Your company's first response is to ensure the injured worker receives first aid as soon as possible. The first aid attendant will either assess and treat the worker at work, or assess and stabilize the worker and refer them to further medical aid.

Step 2: Stay at Work or Return to Work plan

Is the worker able to stay at work and return to regular duties? If so, monitor the worker during the shift. If a worker needs to leave work give them a return to work package, which may include a letter to worker, a letter to physician, and a physician's Stay-At-Work/ Return-To-Work Planning Form.

Step 3: Determine Temporary Limitations

A physician's report may outline temporary limitations, you may want to ask the worker which tasks or job duties they feel they can do, or you can call the WorkSafeBC Construction Nurse Line and they can provide you with the guidelines for typical limitations.

Step 4: Establish a Modified Work Agreement

The employer should make a written offer to the worker using a modified work offer form. Collaborate with the injured worker to create a modified work agreement that is mutually beneficial.

Step 5: Monitor the Progress

Communication is key between an injured worker and their supervisor and should be consistent and regular throughout their recovery. Regular face-to-face contact with the worker can eliminate misunderstandings or confusion.

Step 6: Documentation

Throughout all of the steps, it is important to document communication between all parties, using the modified work agreement as your guide. This communication must be maintained as a confidential file.

Excerpts from Bill 17

Miscellaneous Statutes Amendment Act, 2014

Proposed Amendments:

Proposed amendments to the Local Government Act, Community Charter and Vancouver Charter:

Removing the requirement for Ministerial approval for Regional District (RD) land use bylaws

The following amendments remove the requirement for Ministerial approval of certain RD land use bylaws, streamlining the RD bylaw approval process. They also broaden the authority of the Minister to develop provincial policy guidelines in relation to RD land use bylaws, providing an opportunity to provide clarity regarding provincial interests and support the appropriate notification and referral of regional district bylaws to Provincial ministries and agencies.

- Removes requirement for Ministerial approval of RD OCP, zoning, subdivision servicing and temporary use bylaws (LGA s. 882, 913, 921, 930, 938).
- Provides discretionary authority for the Minister to require approval of RD bylaws (LGA s. 874.1).
- Broadens the existing authority of the Minister, to develop provincial policy guidelines in relation to RD zoning, subdivision servicing and temporary use bylaws (LGA s.873.2).
- Removes the requirement for the minister responsible for the Transportation Act to approve subdivision servicing bylaws, if a regional district provides the subdivision approving officer services, and provides discretionary regulatory authority for that minister to require approval of such bylaws (LGA s. 938(3.1)).

Removing Ministerial approval for soil removal and deposit bylaws that include fees

- Removes the requirement for the Minister to approve the application of fees within municipal soil removal and deposit bylaws (CC s. 195(3)), and for such regional district bylaws (LGA s. 723(7)).
- Note: The Ministry of Environment maintains its approval role for soil deposit bylaws, and the Ministry of Energy and Mines maintains its approval role for soil removal bylaws.

Terminating Land Use Contracts (LUC)

- Provides for the termination of all land use contracts in affected BC municipalities and regional districts on the “sunset” date of June 30, 2024 and requires all local governments to have zoning in place for lands covered by land use contracts by June 30, 2022 (LGA Part 26, Division 7.1, s. 914.1).
- Enables local governments to undertake early termination of land use contracts under certain conditions (LGA, Division 7.1, s. 914.2), namely:
 - Early termination bylaw is adopted on or before June 30, 2022;
 - Early termination bylaw comes into force at least one year after it is adopted;
 - A public hearing, which cannot be waived, is held (LGA s. 892, 893);
 - Zoning is in place where land use contracts are to be terminated; and
 - Proper land title office is notified of early termination bylaw within 30 days of its adoption.
- Requires local governments to give written notice of land use contract termination, when land use contracts are terminated early or in advance of the sunset date of June 30, 2024 (LGA s. 914.3).
- Provides Boards of Variance with new authority to extend the dates set in early termination bylaws for reasons of hardship, up to the sunset date of June 30, 2024 at the latest (LGA s.901.1).
- Provides non-conforming use status to land, buildings and structures that are on land subject to a land use contract after land use contracts are terminated (LGA s. 911).
- Provides that compensation is not payable with regard to land use decisions for the termination of land use contracts, which extends the current no-compensation provisions currently provided in relation to land use bylaws (LGA s. 914).
- Note: this amendment does not impact the City of Vancouver, as there are no lands affected by land use contracts in the City.

Injury Management: The Importance of Return to Work

Providing in-stream protection from DCC/DCL rate changes

- Provides developers with 12 months protection from increases to development cost charges (DCCs) if a DCC bylaw is adopted after an application for a rezoning or a development permit has been submitted to a local government for approval (in a form acceptable to the local government and fees paid) (LGA s.937.001).
- The same level of protection currently exists for subdivision (LGA s. 943) and building permit applications (LGA s. 937.001).
- Provides that the same 12-month protection applies to development cost levy (DCL) rate changes in the City of Vancouver for development permit and rezoning applications (in a form acceptable to the City and fees paid) (VC s.523D).
- The City of Vancouver currently has the same level of protection for building permit applications (VC s. 523D (8.2)).

Hopefully, by implementing some of these tips and tools your company will be better able to keep workers safe and connected to the workplace even after an injury.

The BCCSA is the construction industry funded safety association. The BCCSA offers free consultation via onsite and mobile Injury Management Advisors who are ready to assist your organization as well as a free hands-on guide for construction supervisors called the The Supervisor's Role in Injury Management handbook. Request your copy today at info@bccsa.ca or for more information visit www.bccsa.ca.



Women IN Mining VANCOUVER BRANCH

Save the Date

Join us for our Women in Mining & VIP Reception
during CIM 2014 Convention

on
Tuesday, May 13th, 5:00 – 7:00 pm

at
Vancouver Convention Centre, Room 211
1055 Canada Place, Vancouver

Guest speaker: Anna Tudela VP, Regulatory Affairs & Corporate Secretary | Goldcorp Inc.

Tickets: \$35 – Join us for a fantastic event and enjoy drinks, appetizers and a chance to win one of the amazing door prizes! Meet and network with a diverse group of people from the industry.

Buy your tickets: vancouver2014.cim.org

Proudly Sponsored by:

CATERPILLAR®

**CIM2014
CONVENTION**
Vancouver, BC | May 11-14

Design sponsor: RedRocketCreative.com
Print sponsor: GlenmorePrinting.com



mark your calendar!

Mining Week May 11 – 17 is a province-wide event to celebrate the industry that powers BC's economy. It's also happening concurrently with the 2014 CIM Convention in Vancouver.

CIM 2014 Convention—Mining 4 Everyone: May 11 – 14

May 10: Britannia Mine Museum Family Fun Day

May 12: Mining Person of the Year Award Reception

May 13: Women in Mining Reception

May 14: PWC Mining Report Release, Vancouver Board of Trade Luncheon with Karina Briño as Keynote Speaker

May 15: Teck Celebrity Pie Throw, Diamond Draw

...PLUS a series of additional events throughout the province.

Visit www.miningweek.ca for more information and to find an event in your community.

A WEEK FULL OF EXCITING EVENTS & ACTIVITIES

CELEBRATING MINING IN *British Columbia*

Train New Workers

make safety
a **HABIT** 

NAOSH
MAY 4-10 | 2014
week





BC Road Builders & HEAVY CONSTRUCTION ASSOCIATION

The **VOICE** of the heavy civil construction industry.



It takes **THE RIGHT CONNECTIONS** to build a successful business. It's the network of contacts, plus careful attention to industry trends and changing government legislation that has made the **BC ROAD BUILDERS** a valuable asset to its member companies.



THE STRENGTH of our Association lies in the commitment of our members to work together to secure the long term viability of our industry.



EVERY NEW MEMBER makes us stronger.

What can we do for you?

email: jack@roadbuilders.bc.ca for more info

Zorbie Products Ltd

#28-34378 Manufacturer's Way
Abbotsford, B.C. V2S 7M1
www.spillresponse.com

Zorbie Products offers a complete selection of Spill Kits, Absorbents, Containment pallets and MORE for all your response needs.

B100 Asphalt Release Agent and B100 Concrete Form Release

Call **Toll Free 1-888-556-2407** for Distribution in your area.

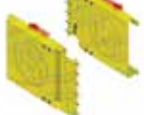
**Ask about our ON SITE SERVICE PROGRAMS!!!
WORKING TOGETHER FOR A CLEANER ENVIRONMENT**



Mining & Aggregate Group



Motion Canada has been supplying the Mining and Aggregate industry for over 65 years. We support the following brands:



Brunone Innovation
www.r-spar.fr/r-brunone/en.html

Kreator Equipment Ltd
www.kreatorsequipment.com

Terex /Simplicity
www.simplicityengineering.com



Valley Rubber LLC
www.bigblackandugly.com



Spicer Solution Providers Inc.
www.2SP.ca/media

Precision Pulley & Idler
www.ppipella.com

FMC Technologies
www.fmctechnologies.com

For more information contact:

Norm Dunn
Cell: 604.309.6620
Email: norm.dunn@motioncanada.com



DIAMOND EQUIPMENT GROUP INC

2 - 8207 Swenson Way Delta, BC (604)930-2300 diamondequip.com



**mention this ad & receive 10% off an order of
CONVEYOR COMPONENTS**



Idlers- Steel, Training & Impact
Returns- Steel & Rubber Disc
Bearings and Take-ups
Misalignment Switches
Reducers and Backstops
Motors and Motor Mounts
Safety Pull Chord Switches
Sheaves, Belts & Belt Guards
Lagged Head & Winged Tail Pulleys



PUT US TO THE TEST

**FINNING
COMMITMENT
EXCAVATOR**

- THE FINNING FUEL COMMITMENT
- MACHINE DELIVERY DATE COMMITMENT
- "TRY BEFORE YOU BUY" DEMO PROGRAM
- GREAT PRICES & COMPETITIVE FINANCING

Contact your Finning sales representative today and **PUT THEM TO THE TEST.**

BUILT FOR IT.™

1-888-finning | finning.ca
346-6464



*Program applies to select Cat Excavators (312E, 314E, 316E, 318E, 320D, 320E, 321D, 324E, 326F, 328D, 329E, 329F, 335F, 336F, 349E). See your Finning Sales Representative or visit finning.ca for "Finning Fuel Guarantee", "Guaranteed Machine Delivery Date", "Great Prices and Competitive Financing" details. Finance programs may vary over promotion period. Demo program available at select Finning branches. Promotion runs from January 1, 2014 to December 31, 2014.



NEW & USED • SALES • RENTALS • PARTS & SERVICE

INTRODUCING THE TEREX WASHING SYSTEMS

AGGREGSAND

3 AGGREGATES
2 SANDS
1 MACHINE

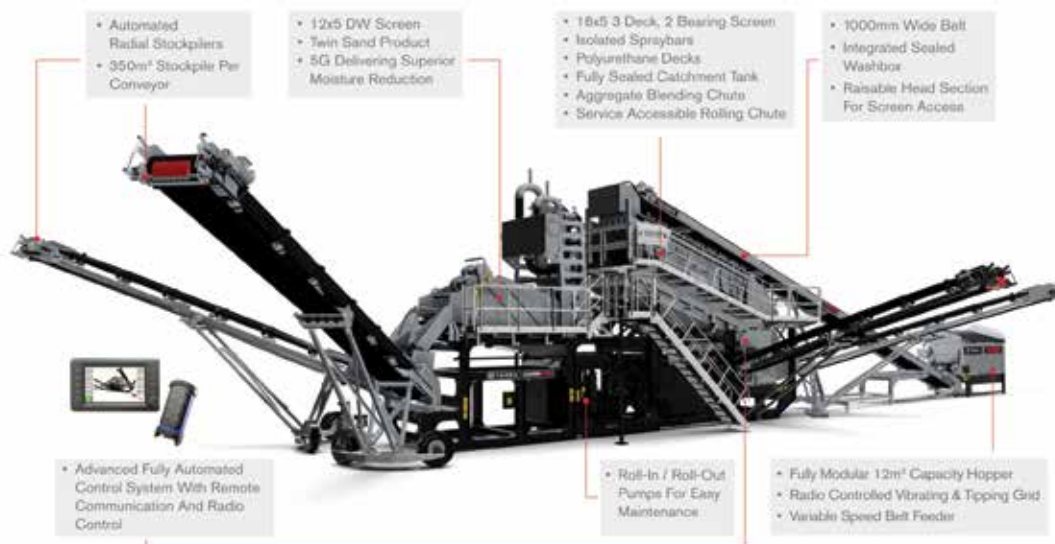


KEY FEATURES

- Fully Modular
- Fully Automated
- Radio Controlled
- Containerised Transport
- Pre Wired & Pre Plumbed
- Easy Set-Up
- 1 Electrical Connection Point
- 1 Water Connection Point

APPLICATIONS

- Virgin Aggregate
- C&D Waste
- Manufactured Sand



Powerscreen
1000 Cone
Crusher, 4 to
choose from.



Powerscreen
Chieftain 2100
Screener
(5x20 triple deck)
4 way split.

Call Toll Free in Western Canada: **1-888-852-9021**

www.foremanequipment.com



SKREENQUIP

SALES & RENTALS
1-800-205-6633
604-671-1066

 **TEREX** | **FINLAY**

Call Bill for your new and used screening & crushing equipment needs



 **bill@skreenquip.com • www.skreenquip.com**

NEW 684 TRIPLE DECK INCLINED SCREENER

USE FINLAY MACHINES AND YOU WILL SAFELY COMPLETE YOUR JOB ON TIME AND ON BUDGET!

In Stock & Ready To Work

- 14' x 5'6" Decks
- 4 Onboard Conveyors

Call Bill today
604-671-1066

**4 Onboard
Conveyors**

Piano Wire Screens For All Makes Available



GREAT WEST
EQUIPMENT
AGGREGATE DIVISION

**We've got aggregate crushing
and screening covered in
British Columbia & Yukon**



Jason Nazar, BSc
Aggregate Division Manager
BC & Yukon
Ph: 250-260-0798
jnazar@gwequipment.com

Ashley Anderson
Sales & Product Support
Lower Mainland, Sunshine Coast,
Vancouver Island
Ph: 250-713-5093
aanderson@gwequipment.com

Pete Larson
Aggregate Technical Support
BC & Yukon
Ph: 250-309-1586
plarson@gwequipment.com



www.gwequipment.com

MORMAK EQUIPMENT INC

EQUIPMENT DESIGNED & BUILT FOR THE 21ST CENTURY

NEW

LJ-TS "V" SERIES HORIZONTAL SCREENS

The new **Terex® Cedarapids LJ-TSV** screen is built even stronger than our rugged TSH models and combines the legendary El-Jay® oval stroke with the unique ability to install at various slopes, increasing production and handling more applications than traditional horizontal screens.



FEATURES AND BENEFITS:

- *Screen installs from 0° up to 10° in 2.5° increments to best fit a new application or replacement of earlier TSH or TSS models, increasing capabilities to handle larger deck loads and bigger screen openings
- More steel in "rock zone" for industry leading durability; 5/16" (8 mm) Grade 50 side plates are 2-times stronger than 1/4" (6 mm) standard steel; rugged computer-optimized decks with full-length bracing
- New maintenance-friendly features include *low maintenance surge damper system; *replaceable wire cloth seal strips for no-weld repair; bolt-on upper and lower spring guides; tool-less oil check sight glasses; bottom deck feed curtain; optional magnetic deck wear liners
 - *Optional bottom deck deflector plates boost screen efficiency
- High G-force, high efficiency El-Jay® oval stroke motion adjusts 3-ways (speed, stroke angle, stroke magnitude) to optimize performance
- Patented "flow-through" lubrication system and "sealed-for-life" double O-ring assembly extend equipment life
- Medium scalper option increases feed size from 10" to 14" (254 to 355 mm); option includes side liners/extensions
 - *Patent Pending

THINK CRUSHING, THINK MORMAK



VERNON, B.C.
8140 Becketts Rd.
PH: (250) 542-7350
FAX: (250) 542-0571

CALGARY, ALBERTA
8815 44th St. SE
PH: (403) 203-2644
FAX: (403) 203-2646

CHILLIWACK, B.C.
7912 Atchelitz Rd.
PH: (604) 795-7511
FAX: (604) 795-7501

NORTHERN ALBERTA
Glen Dueck
PH: (780) 349-1200

www.mormak.com

LONETRACK

Western Canadian Dealer for

SANDVIK**EDGE****KPI-JCI**
LINED CONVEYORS**GOMACO**

New JCI Kodiak K300+ Closed Circuit Cone Plant

300 hp cone, adjustable feed & discharge conveyors to match your screen plant, HD tridem axle chassis with hydraulic landing legs. BC transport legal.



New JCI 6203 Feeder / Screen Plant

Three cross conveyors, folding conveyor, remote control hydraulic tipping grizzly over 10 yard feed hopper, HD tridem axle chassis with hydraulic landing legs. BC transport legal.

- Crushing
- Screening
- Conveying
- Washing
- Recycling
- Concrete Slipform
- Feeders
- Power Vans & more...

**FOR
SALE &
RENT!**

**SEE OUR FULL LINE UP
OF NEW AND USED AT:**

www.lonetrack.com



USED JCI KODIAK K300 CONE PLANT
c/w infeed and discharge conveyors.
CALL



METSO HP700 / NORDBERG VF800
Rebuilt High Production Cone with many spare major components also available. **CALL**



KPI 36" x 60" ROLL PACK CONVEYORS
c/w CEIMA "C" idlers, 3 ply belt, belt scrapers.
CALL



JCI 7203-38LP
Used JCI 7' x 20' three deck screen. Recent bearing replacement. **\$35,000**



6203 SCREEN PLANT
JCI 6' X 20' three deck screen, easy screen cloth changes, loaded with options. Call us to take a look!



EDGE TS80
950 hours, 40" wide x 80' long track mounted conveyor, Cat 2.2 Diesel. **CALL**

More inventory at
www.lonetrack.com

SERVING WESTERN CANADA

PARTS

Don Rand
604-657-1921
don@lonetrack.ca

SERVICE

Marcel Chapman
778-384-8178
marcel@lonetrack.ca

SALES/RENTALS

William Thompson
780-474-8082
willie@lonetrack.ca

Hugh Porter
604-657-7167
hugh@lonetrack.ca

Trevor Ward
604-657-5118
trevor@lonetrack.ca



The home of genuine PIT BOSS® equipment.



BETTER • FASTER • SMALLER

CH550 cone plant



ELRUS cone chassis with Sandvik CH550 450 HP Cone Crusher.

- Higher capacity (More power, smaller footprint)
- Improved reduction ratio
- Better particle shape
- Faster liner changes

MS612 screen plant



High Capacity 6'x12' 3 Deck Multi-Slope Screen Plant. (More production than a 6'x20')

- No road bans 63,600 lbs (28859 kg) Total Wt.
- Almost NO maintenance

The **EVOLUTION** of **PORTABLE** plant design.



PH: (604) 888-8499
TF: (877) 788-8499
EM: info@elrus.com

19066 95A Ave (Port Kells Industrial)
Surrey, B.C. V4N 4P2
www.elrus.com

**SMART PARTS**

Call - 403-503-7877

Fax - 403-295-1859

Sales@MachinerySupply.ca

Trying to Lower your Crushing Costs?



Machinery Supply has a full range of products field proven in Western Canada that will help lower your bottom line. We offer only the best: Urethane, Wire Cloth, Electric Motors and Gear boxes, Replacement Parts for all makes and models, Manganese and Conveyor components, all from our stock. We offer only the best equipment lines and have many new and used pieces in stock and ready to work.

Give us a call to find out if we can help.



Bay 6, 3700-19th Street NE Calgary, AB T2E 6V2 www.MachinerySupply.ca

BC Stone, Sand & Gravel Association

SCREENINGS is published by the BCSSGA as a service to its members. Statements expressed herein do not necessarily reflect the views of the BCSSGA or its sponsors.

TO SUBMIT STORY IDEAS

contact Leah Altizer, *Writer*
leahaltizer@gmail.com OR
Paul Allard, *Editor*
gravelbc@telus.net

T: 778-571-2670 F: 778-571-2680

W: www.gravelbc.ca

