

2<sup>nd</sup> QUARTER  
2023

# Rock & Dirt

N E W S



**BRODA**  
GROUP

*We move the earth*





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## HISTORY

With over 50 years of history, our company has both the equipment and people to perform the job on time, in specification and on budget.

## INTEGRITY

A successful project depends on selecting the right contractor who is able to provide experience, competitive prices, the latest in technology, financial strength, integrity and commitment to your project and schedule.

## Quality

Our success is shown by an ability to meet demanding specifications for any and all projects. Most importantly, however, is our time-proven commitment to quality and safety.

## Recognition

The Broda Group of Companies are among a mere handful of companies in Western Canada who have achieved Gold Seal certification.

## Pride

We are confident in our abilities in the heavy construction industry, and proud to say "our people" are our greatest assets.

[www.brodagroup.com](http://www.brodagroup.com)

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### Broda Group is an Equal Opportunity Employer

Broda Group LP, it's Affiliates, Joint Ventures and Subsidiaries are Equal Opportunity and Affirmative Action employers.

The company does not discriminate against applicants or employees because of race, colour, religion, national origin, sex, age (over 40), disability or veteran status, sexual orientation, registered domestic partners or any other status protected by state, federal or local law. Our Affirmative Action and EEO statements are posted in appropriate areas of the Company and are available from the Corporate EEO Officer or any member of the Human Resources Department at the Prince Albert, Sk office.



## ***President's & Vice President's Message***

**S**econd Quarter set records for Broda with lots of work kicking off, equipment and personnel moving to accomplish getting the projects rolling. We are off to a great start!

The Quarry group is finishing the processing up at McClean Lake and as that spread finishes and moves to Wallachin, the other crew is gearing up and should be starting production in Dryden.

Kamsack is very busy with work already and Murray Hunter and his team are hard at work.

Chad and the "Energy Group" are starting to really roll after a good winter. Their season looks very busy in the patch.

On the infrastructure side, we are really rolling in many locations. Ryan Kolb has all engines firing with work at McClean Lake - Tailing's Expansion, BHP – Rail Works, and Moose Jaw – Viterra Rail project.

Trevor and Scott are busy with work in Alberta. Leduc is off to a good start, as is Cochrane. Trevor has already put the finishing touches on WDML in Camrose. Scott is rolling again with an added project, Cando in Fort Sask and finishing up in Grande Prairie, as well as Hwy #3 is buttoned up and done.

Saying all this definitely gives the sense that we are very busy, and we are! However, it remains without saying that it is very important to respect and communicate with each other, and not become complacent. SAFETY is our number ONE priority, and the rest will follow. Look out for your coworkers, as well as yourself. Enjoy your time off, spending it with family and friends.

Our future at Broda looks very strong! We will not be slowing down anytime soon with work for the winter coming and back logged into 2024.

We want to thank everyone for their efforts and hard work. Please keep up the great work, while doing it safely. Ensure all near misses, as well as all incidents are reported, as expected by Corporate.

Have a great summer!

**Gord Broda**

*President, Broda Group LP*

**Rusty Clunie**

*Vice President, Broda Group LP*



## 2nd Quarter Project Updates

**Broda Energy** - Broda Energy Services has had a steady spring with reclamation season kicking off, Supervision and crews continue to meet or exceeded client expectations; for that we say thank you and a job well done. There has been a slower than anticipated start to the construction season as producers have yet to release drilling programs. With that, there are a lot of planning and logistical discussions ongoing as we prepare for a busy summer, carrying into late fall and winter.

**Walhachin Quarry (CP Rail)** - CP Rail has received a permit from the Ministry of British Columbia to manufacture ballast materials at the Walhachin Quarry this season. Currently our crushing crew and portable crushing equipment is located at the ORANO Mine site in northern Saskatchewan. We are planning to transport this equipment in July and start crushing operations at the Walhachin Quarry in August. The crushing crew and our portable crushing plant are wrapping up crushing operations at the ORANO Mine site. They have been manufacturing material at this location to support our Broda Group Infrastructure Project. The crushing crew has done an outstanding job crushing the material required to complete this project. Thank you to the McClean Lake Crushing Crew for all your hard work and assistance to complete this crushing contract.

**McAbee Quarry (CN Rail)** - We continue to load ballast materials for CN Rail at this location and will do so for the remainder of the year. We also continue to work with CN Rail to assist them with any questions or concerns that the Ministry of British Columbia may have regarding the renewal of the crushing permit required to resume operations at the McAbee Quarry site. Thank you to the loading personnel at this location for your assistance with completing CN Rail's loading requests so far this season.

**Dyment Quarry (CP Rail)** - We currently have the crushing crew on site preparing to resume crushing operations this season. The site crew members have very busy with some major repairs being completed on the crushing equipment and are planning to start production soon. Welcome to the new crew members at this location that have joined Broda Group. Please take the time to beware of your surroundings and follow all safe operating procedures. Current production plans are to crush ballast materials at this location until late Q3 and then we are planning to mobilize the crew and equipment to the Swansea Quarry to resume crushing operations at this location. Thank you to the Dyment Crew members for your assistance this season with getting the crushing operations back up and running.

**Cochrane Interchange** - Cochrane Interchange is a necessary project required to handle the increased traffic and accommodate the future growth of the surrounding area. Highway 22 and 1A are both important transportation and economic corridors for the surrounding area. The project has been 10 years in the making and is a legacy project for many members of the owner's team which is made up of Alberta Transportation and ISL Engineering as designer and contract administrator.

Broda Group will be completing roughly 1.2 million m3 of bulk and detailed grading, drainage installation and granular backfill for structural foundations, subcontracted to EllisDon. The primary fleet for execution is comprised of 4x 657's, 1X 390, 4x rigid frame haul trucks and large dozers for ripping and bulking. The project is 2.5 years long, with most of our work being completed in 2023.

**BHP Rail Spur** - The Rail Spur has been started and is going well to date. We have the offsite and the onsite works that are considered two projects with coordination between the two jobs to ensure all forces are tracking as planned. As the project had started slow due to delays with areas of work being ready, aggregates not on site, culverts not on site, etc., we are working well with what we have been given. The project volumes are uncertain but seem to be close to what was in the tender and the crew is cutting and filling as the design requires. Culverts have landed on site, and aggregates have started coming to site now to, now that all materials are to site, we should be on track to work our way through the 21km of track in the 2023 construction season. We plan to have sub ballast installation in the next couple of weeks as grade is turned over in the off-site areas, following that we will focus on the onsite works and amp up crews as necessary in the northern works. The site is high safety and high technical coverage and for the most part has gone really well. The initial step on the site for the TMA stripping project has flowed nicely into this one.

**Grande Prairie Highway 40** - The Highway 40 project is wrapping up this month with extra work for Carmacks and the completion of the erosion control items. The crew did a fantastic job of stepping out of the box and taking over the gabion work from our sub contractor and completing in record time. Having the skillset to complete that type of work under our belt is now a huge asset to the company and a testament to the Broda team's get it done mentality. Hats off to the crew there for an excellent job well done.

**Cando Sturgeon Terminal Phase I** - The crew has mobilized to the Cando site for Phase IV of the railyard project. We will have some additional challenges this season due to rail traffic, but are set with a conveyor system to allow our sub ballast to be imported over the track. We are looking forward to completing what will be the final Phase of the original Sturgeon terminal and look forward to upcoming yards in the near future.



## 2nd Quarter Project Updates (continued)

**Viterra Moose Jaw twin Rail Construction** - The Viterra Moose Jaw rail loop consists of 3200m of rail subgrade construction, including the sub ballast. The team has just recently completed the import of material, approximately 50% more than was originally required. This is due to the fact the waste subcut has gone up substantially. Full crew is now on the footprint of the work site and will be able to focus in on certain areas to turn sub ballast over to the rail contractor by July 15th. With all equipment and personnel on the site we are able to start installing the culverts, toe drains, and get the subgrade completed up to the bottom of sub ballast. The plan is to finish the job completely mid August, and with forces on site we should hit the date as desired. To date we are rolling well but the quantities are increasing, and it is tough to pinpoint finish with the variations in volumes. Along with the rail construction, we are upgrading Britannia road, increasing the heights in the rail crossings and improving the drainage.

**McClellan TMF Liner installation** - Most of the team is back in McClellan to complete round three of the liner. To date we have completed all the aggregate processing that was required, including 60,000m<sup>3</sup> of liner aggregate and 12,200m<sup>3</sup> of rip rap, the crushing went well. Bentonite has continued to be brought in to site, and we have 78% of the product shipped into site. On going preparations are being completed in the TMF getting ready for the liner, which started June 10th, right as scheduled. Once again, the team tweaked the pug to get the mixture correct, built a successful test pad with the bentonite liner mix and it passed with flying colors. We will continue the liner into the end of the season, along with ramp upgrades, half round culvert installs and the other miscellaneous works to get our selves to the 2023 452.5m elevations.

**Kamcrete** - The season has started off very well for us. The crusher is producing road gravel for the R.M.'s, trucks are hauling on the roads, mixers are going every direction, concrete guys are doing shop floors, sidewalks & pads, everyone is keeping very busy. We're still doing some work and supplying materials for Cote Band for their new Rink, we're out at Madge Lake for the new campgrounds, besides various jobs all over, trying to keep everyone happy and ahead of the game. We want to wish everyone a wonderful summer, stay safe and be cool!

## Employee Profile Curtis Fredin



**1. What are your interests outside of work?**  
*Boating, fishing and spending time outdoors*

**2. Favorite meal?** *Can't beat a ribeye*

**3. Name one thing you can't live without.**  
*Kerah Edwards and family*

**4. What did you do before you joined Broda Group?** *Painting farm equipment at Bourgault Ind.*

**5. What would you do for a career if you were not doing this?**  
*Not really sure*

**6. What are some of the day-to-day duties in your job?**  
*Planning work, dealing with clients and ensuring a safe work environment for everyone.*

**7. What's your favorite part of the job?**  
*Meeting new people and getting to see our final product*

**8. Working for Broda, what has been the most unusual or interesting job you've ever had to do?**

*Probably working in muskeg areas and completing the erosion control in GP*

**9. What are some of the major strengths of Broda Group?**

*The people and support we get from management in the field.*

**10. Where do you see yourself in 5 years?**

*Hopefully retired but probably building lease pads in GP*

**11. The BGLP values are:**

- Commitment to Safety, Quality and Clients,
- Integrity – we are trusted.
- Pride – We are proud of our abilities and the work.

**How are these values shown in your work?**

*The communication amongst our crew and family atmosphere has been noticed by numerous clients. Our crews take pride in the work we do, and I believe that is why we turn out amazing final product and have so many repeat clients*





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## Health, Safety, Environment & Quality

**A**s anticipated, this year has been one for the books. With a full plate of projects and many more to come, the Broda train is full steam ahead. Having been at it since early January, this is the time of the year where complacency issues arise, there's a loss in motivation, and burnout compromises productivity and safety. Keeping our workforce aware and focussed is essential in preventing these issues from arising. For this reason, I'd like to refocus and highlight some changes within the organization, our success, and learnings, and inform everyone on upcoming audits.

**Changes We've Made** - Having been awarded several projects with many more coming our way, we've had significant demand for increased leadership within our organization. Over the past several months, we've sought out and hired management, coordinators, supervision, and safety, all the while providing growth opportunities within. While mostly new to the organization, these new leaders are passionate, lead with conviction and already embody our corporate vision and values of commitment, integrity, and pride. Welcome all.

**Success** – Following public concern / complaint, Occupational Health & Safety (OH&S) recently visited the Cochrane Project for an informal site inspection. During the officer's visit, they quickly dismissed the concern / complaint expressing overwhelming satisfaction with our safety program, its implementation and effectiveness. While these visits are rare in occurrence, they typically result in deficiencies identified requiring immediate action. Not only did this inspection debunk the concern / complaint, but the officer also identified zero deficiencies requiring action. Although solely focussed on the Cochrane Project, I firmly believe this is reflective of our overall HSE Program and our employees' ability to work under pressure all the while demonstrating legislative compliance.

**Lessons Learned** – There were several instances involving poor communication practices following incidents / events during Q2. We cannot stress the importance of freezing the scene and notifying

supervision following any incident / event (no matter how minor). Not only is immediate response vital to the wellbeing of persons involved, but it also affords us the opportunity to manage the situation accordingly, conduct a thorough investigation, all the while, providing full transparency to all parties involved.

**Upcoming Audit** – It is that time of year again where the HSE department is in full prep mode for upcoming audits. With many new faces to our organization, it's important that we communicate previous years audit information to better assist in the upcoming audits. In Saskatchewan, we were awarded a score of 94% while in Alberta we received 97%. During both audits, we identified a few deficiencies and developed action plans. Notable action items included:

- Increased leadership engagement (i.e., increasing management visits to site)
- Training Supervision and Safety trained in Leadership for Safety Excellence (LSE).
- Amending policy to ensure emergency response exercises are conducted on a set frequency to ensure they are identifiable, achievable, and obtainable; and
- Raising awareness of the Employee & Family Assistance Program (EFAP) by updating the annual BGLP orientation.<sup>3</sup>

Thank you ahead of time for those of you that are selected / volunteer to assist in the upcoming audits.

Let's keep that train on tracks and as always, stay safe and have fun!

**Robert Price**  
HSE Manager

**I** hope that everyone is doing well as we have returned to site and get into the swing of things for a busy construction season. Moving into the busy season and summer brings with it some challenges. One of these we can face whether we are at work, home or at play, **LIGHTNING!!!**

Lightning can be divided into two main types: cloud to ground lightning where there is a flash with at least one connection to ground and cloud to cloud lightning where there is no connection with the ground. A couple little specifics about a lightning bolt is that it is approximately 1" – 2" thick, travels at approximately 90,000 miles per second and reaches temperatures of 50,000 degrees Fahrenheit.

According to studies in recent years, lightning related injuries and deaths are at their peak in the months of July and August and are the most common among people between the ages of 16 – 45 years of age. Open fields where work, sporting events and functions are happening, under trees and on water account for approximately 71% of lightning strikes and this number continues to climb as more work and activities draw people outside.

So here are a few tips to avoid the threat of lightning:

1: Plan for a safe day and check the weather forecast first. Watch the

skies for the developing of thunderstorms. Weather alerts, watches and warnings are provided by Environment Canada as storms develop.

2: Get to a safe location or place in a fully enclosed building with wiring and plumbing. Sheds, picnic shelters, tents and covered porches do not provide protection from lightning. Alternatively, get into a metal roofed vehicle and close all the windows.

3: Do not handle electrical equipment, telephones, or plumbing. If on the water, get to shore as quickly as possible. Lightning that hits water can travel well beyond its point of contact. If caught outdoors, stay away from tall objects. Take shelter in low lying areas.

We all want to enjoy the outdoors during the summer months as much as we can. With a few precautions taken prior to activities and making sure that we stay alert and observant during as well, will help us to stay safe.

Enjoy the beautiful weather and stay safe this summer season.

**Lance Horne**  
HSE & Training Coordinator





## Project Profile

### ***Leduc Interchange***

**L**educ interchange is a legacy project for the City of Leduc and Edmonton International Airport, it is being funded by multiple parties including the federal and provincial government, it is integral infrastructure for the growth of all stakeholders. Stantec, McElhanney, and Associated Engineering are the three designers for the project.

This project has been on the shelf for over a decade and was released in 2022 as part of the Alberta Recovery Plan's infrastructure spending. Broda Group will be completing all the bulk and import grading such as roadbuilding and abutment embankment

construction, drainage works, and detailed structural excavation and backfill, we are subcontracted to the prime contractor Graham. The Leduc Interchange project has roughly 1,000,000m<sup>3</sup> of total grading, with the bulk of the construction being completed in 2023 to get the bridges set for winter construction.

The primary fleet to execute the project is 4x 627 scrapers, D6 dozers, Graders, Rock Trucks, and multiple excavators ranging from the 374 for production loading to the 330 completing fine grading and mulching.



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- ◆ EARTH MOVING
- ◆ ROCK BLASTING & EXCAVATING
- ◆ MINING
- ◆ AGGREGATE PROCESSING
- ◆ CIVIL & DRAINAGE
- ◆ SURFACE COURSE
- ◆ EXPEDITING



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