

3rd QUARTER
2023

Rock & Dirt

N E W S



BRODA
GROUP

We move the earth





Contents

President's Message **3**

Vice President's Message **3**

Project Updates **4**

...continued on page 5

Employee Profile **5**

Dayna Sanderson

Broda Safety **6**

Project Profile **7**

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

Broda Group LP Head office:

4271 – 5th Ave East, Prince Albert, SK. S6V 7V6

Phone: (306) 764 -5337

Fax: (306) 763-5788

Broda Group is an Equal Opportunity Employer

Broda Group LP, its 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

Time flies when business and life is hopping! With six grandkids under 7 and the Broda Team firing on all cylinders time is passing by quickly.

On the work front here at Broda, all cylinders are firing, and we are staying busy as we move into the fall. Some projects are coming to an end such as Orano-McClean Lake, Viterra-Moose Jaw, and Cando-Fort Sask. As these projects wind down we have additional new work with forces going back into Cargill-Regina, green field work for a new mine in Northern Saskatchewan as well as ramped up initiatives to progress the Leduc project after a rainy patch this summer. There are also submissions on some great multi year projects in the near future producing winter work and continued backlog to keep everyone busy here at Broda.

The ballast/crushing forces are running hard pushing to get enough rock up in Dryden before season end and then move to Swansea. The mobile spread finished and moved from McClean Lake to Kamloops (Walhachin) where they are busy making ballast there until December. The outlook looks very promising for that mobile spread to potentially be busy through the winter on some infrastructure work in Alberta and it looks very positive that we will need to get rolling on the crushing for CN Rail in McAbee in early spring.

The Energy group is trending well on track to repeat again another year such as last. All forces there look to be busy also till late fall with Chad and Keith constantly working to keep backlog in front of them.

We are very busy at BHP and on track with the rail construction as Ryan continues with that team to pick up more work and keep that operation busy to late in the year.

Based on the overall business unit, we have

successfully taken the Broda enterprise to Mach 10 and so far, not many panels have come off. This is all in part due to everyone's teamwork, communication and respect being applied internally by all divisions and personnel. Thank you! This is not to say we are perfect and that there aren't some obstacles, but overall, it is good.

Safety wise we are doing ok, more incidents causing cost and asset damage that we do not like to see and really hope we can improve on. But from a people injury standpoint, we are trending on target. Safety needs to always be at the forefront #1 to ensure the success of Broda. We need everyone to never let your guard down, stay vigilant and make it your goal daily to work safe, look out for your co-workers and stay true to what we want Broda Culture to be – "getting everyone home safely every day".

Kam-Crete is busy as ever and Murray and his team are carving out another good year in and around Kamsack.

In closing, thanks to all of you for your efforts to believe in Broda and making us the best Heavy Civil operation in western Canada. This time of year is always special to me as it's football season and it brings back some cherished memories of my son Max. Together we loved watching the NFL. We also loved watching Max be a leader on and off the field, it truly made my heart swell.

Go Vegas Raiders Go!

Let's finish the year off strong and look to 2024 taking our Broda Team forward successfully.

Gord Broda
President, Broda Group LP

Rusty Clunie
Vice President, Broda Group LP



3rd Quarter Project Updates

Broda Energy - Broda Energy Services has had a busy Q3, we will continue to stay focused and push through for the remainder of 2023. Crews have been doing a great job, clients are providing positive feedback on our ability to deliver and meet expectations. To all the supervision and crews, keep up the good work!

Walhachin Quarry (CP Rail) - As of August 17, 2023 the Walhachin Crushing Crew completed the set up of the portable crushing plant and have started to manufacture track ballast for CP Rail. We are planning to produce track ballast at this location until the end of the year. Thank you to the team members of the Walhachin Crushing Crew for your assistance with setting up the portable crushing plant and all the production to date. Thank you to the Walhachin Crew members for your all your assistance this season.

McAbee Quarry (CN Rail) - Railcar / truck loading of ballast materials continues at the McAbee Quarry this summer. CN Rail continues to work with the Ministry of British Columbia to obtain the necessary permits which would allow Broda Group to resume crushing operations at the McAbee Quarry site. Thank you to the McAbee Quarry loading personnel for your assistance with CN Rail's loading requests this season.

Dyment Quarry (CP Rail) - With the major repairs completed at the Dyment Quarry site, the site Crushing Crew have been busy manufacturing track ballast and rip rap material for CP Rail. Our current production plans are to crush ballast materials at this location until November 2023 and then we will start mobilizing the equipment to the Swansea Quarry located by Cranbrook BC. We are planning to resume crushing operations at the Swansea Quarry in the spring of 2024. Thank you to the Dyment Crew members for your all your assistance this season.

Cochrane Interchange - Our Cochrane team has completed nearly 50% of the grading for the 2.5 year project totaling over 500,000m3 since starting in May, utilizing the 657 scrapers and the new 390ME/773 fleet. The Cochrane team has met all milestone dates, most notably relocating traffic of highway 22 to offline allowing the subsequent stages for bridge/wall structures. We are encountering thick rock seams and are using a combination of rip cats and an eccentric ripper mounted on a 470 excavator, the rock is being piled up and staged for a winter crushing program to be utilized in the fills next season. We will close the year out by hitting our second milestone date of relocating highway 1A to its long-term detour stage and wait for pipeline adjustments and utility relocations allowing for a successful 2024 season to finish the Broda Group scope up next year.

BHP Rail Spur - BHP Rail Spur, 21 km length of track subgrade and sub ballast, including double, triple, and quadruple track areas has been ongoing since March. The project has consumed 70-80 employees along with associated equipment in order to keep the works on schedule. To date the job has had numerous challenges that are assumed on an industrial site such as this. All included we have had overrun of earth, waste, material delays, as well as aggregate supplied being rejected due to failed spec by the manufacturer. Even with the delays encountered, the crews are still on pace as planned at tender and are tracking to complete a great portion of the job. With the crews going well we have been contacted to look at other projects on the site, have expanded our original scope and we are a favorable contractor on the site to complete such works. We will plan to work into the fall conditions and will look at clean up and restoration of areas as temperatures drop and are no longer able to work on the ROW.

Westpark Pond Development - The Westpark Pond was a pond dig that the crew flew through. The pond had approximately 25,000m3 of pond excavation to stockpile to complete, along with some drainage ditches and swale construction. The crew that completed Viterra, stopped by to get the job done and it went well. Job was completed in about 2.5 weeks and the crew has moved over to Cargill to start the works on that site.

Cargill Area Grading Regina - Cargill Area Grading is set to start mid September. The original scope of work is to reconstruct a laydown pad with materials on site to complete the works. The Cargill site is a familiar one as we had been on this site in 2021 and 2022. After the initial works is complete, we have been contacted to look at the rail connections, both CP and CN which run South and North of the site. It looks like we will have work here into the fall and into 2024

Cando Rail - Phase IV of the Cando project has come to a close this quarter with a fantastic finish to the fourth installment of this massive project. The team executed the project in record time, leaving the track construction crews in the dust. We are very proud of this site becoming one of our banner projects that has and will be used as a reference for future clients showcasing our ability to complete massive industrial site and railyard construction.

Prince Albert Projects - The Prince Albert Projects group has been quite busy building bin yards, gravelling, completing infrastructure work and has a busy fall lined up with local projects prior to snowfall.

3rd Quarter Project Updates (continued)

Leduc Interchange - Our Leduc team was off to a hot start in the spring completing the major milestones of relocating the new security road for the EIA, the milestone was soon followed by 2.5 months of non-stop rain setting the project back. The management group came together to review all resources across the project and were able to collaborate with projects finishing in Saskatchewan and Alberta, we moved in double the amount of equipment, more supervision and operators and capitalized on the short 3-week fair weather window. A combination of detailed planning, coordination, sacrificing long weekends and putting in the hours lead to a successful push to get the project back on its intended schedule by all team members involved, especially the strong field leadership and committed operators. In this short window we were able to hit our target stages allowing for settlement periods of the bridge structures, traffic relocation for City of Leduc paving program, and moving roughly 10,000m³/day in highway trucks which is a large feat on any project.

Highway 3 - The Highway 3 project has wrapped up with some additional work items including erosion control matting, fencing and some drainage improvements to the original design. The team stepped up and self executed all the erosion control and additional fencing finishing off the extras in good time.

Viterra Moose Jaw twin Rail Construction - Moose Jaw Viterra double track subgrade and sub ballast construction was completed in August with a small crew required this fall once the tracks have been removed to construct the entrance road. With the delays encountered through the tender and construction of the project the crew was able to complete in time to turn the sub ballast over to the Ballast and rail contractor. The job overran the design waste and import for due to poor ground conditions; we ended up importing 50% more clay than originally planned, and with that we also ended up wasting approximately 60% more materials, which lengthened our original timeline. Once the waste and import was completed the job ran very smooth. We successfully completed the road closures required in the timeline permitted. The crew worked diligently to complete the onsite work, with 3 borrows being explored and used and in some cases encountering much more topsoil/unusable materials in order to proceed. Over all the project went well and the Viterra owners are happy with the works and coordinating and timelines for the project. In discussions we are a preferred contractor for Viterra and with additional work possibly coming up in the future this bodes well for future success.

Kamcrete - Third quarter newsletter already, how fast the time has gone. It has been a very busy year, and there is no indication of a slow down anytime soon. The Place & Finish crews are still going strong, with many projects completed and several more to go. The phone calls are still coming in with customers hoping to get last minute jobs done. Concrete has been steady, currently we are pouring the floors at the Cote First Nations Arena. Work has begun on the Cote First Nations Playground, our guys are involved with the excavation and hauling material both out and into the job site. Their Solid Waste Transfer Station is under way as well, Skate Park and Splash Park are to get started shortly. Other work is still ongoing on their new arena, as we are getting ready to do the Sanitary and Waterline installation into the rink. At the Keeseekoose First Nations, we have been involved in the new playground equipment being installed and it has been announced that they had awarded a "General" for the new Hospital with construction to start this fall. Key First Nations is also installing a new Water Treatment Plant which we have supplied aggregates and concrete.

The R.M. graveling has pretty much finished for the season, we just need to pull material out of the water for the R.M. of Wallace and the R.M. of Good Lake, so they have material for the 2024 season. The crusher is still crushing material for the R.M.'s, with some of the trucks finishing up the odds and ends gravelling. Hopefully, mother nature agrees with us and we have a long fall to help get as much work done as possible.

Employee Profile *Dayna Sanderson*



1. Tell us what you do day-to-day in your job?

I fill up all equipment on site that needs fuel and grease. I also inspect the equipment for leaks, cracks, or anything out of the ordinary.

2. What's your favorite part of the job?

Talking shop with the operators while servicing their equipment.

3. What are some of the major strengths of Broda Group?

There are lots of good people working for this company. When you need help, there is always someone willing to lend a hand and teach you. Especially when you are a new team member.

4. Working for Broda what was the most unusual or interesting job you've ever had?

Helping & learning from a Graham (heavy duty mechanic) on the Rock Trucks.

5. What would you do for a career if you were not doing this?

I would be apprenticing as a Heavy Equipment Mechanic somewhere.

6. What did you do before you joined Broda Group?

I was a Fuel/Lube person at Fort McKay

7. What are your interests outside of work?

Boxing, taking my PITBULL (Bacon) for walks on the trails at little Red. Relaxing at the cabin

8. Favorite meal?

Baked Spaghetti

9. Name one thing you can't live without.

Oxygen, beating heart, a functioning brain..... and of course my family and friends!

10. Where do you see yourself in 5 years?

I would like to be a heavy equipment mechanic





3rd QUARTER
2023

Health, Safety, Environment & Quality

The traditional framework of safety is predominantly focused on systematically analyzing and preventing incident occurrence. The presence or absence of incidents is no doubt, an indicator of safety performance, however, it is not the sole element dictating the success of an HSE Program. Over the past few months, the thirteen (13) elements of our HSE Program have been poked, prodded, and put to test through various forms. Though there have been some lessons learned, our Program has and continues to show its resilience and strength.

One of the best measurements of safety performance are regulatory inspections (Occupational Health & Safety, Ministry of Mines, etc.). Typically, these inspections are impromptu and provide little room for preparation, thus, providing a more accurate depiction of day-to-day production as it relates to safety & legislation. Historically rare in occurrence, multiple sites including, McClean Lake, BHP, Dymont, Swansea, and Walhachin all underwent regulatory inspections. Although each inspection yielded varying results, inspectors were generally impressed with our systems and provided little to no corrective action.

Another measurement can be found in the effectiveness of emergency preparedness and response. Emergencies can happen anywhere at any time that require personnel to respond when least expected. The best way to protect workers is to expect the unexpected and develop plans to provide guidance should immediate action be needed. As many of you know, an event recently unfolded that required us to enact our emergency response plan following a lightning strike. Our prompt response was executed without error and provided optimal care for what could have been an otherwise fatal situation. The client assisted in the investigative process and expressed extreme satisfaction with our planning and response efforts.

I think that it is safe to say that for all of us, this summer has definitely flown by, and we are slowly making our way into the fall and winter seasons. Things have been busy on all sites across the company with new start ups of projects, new hires coming to site for continuing projects and the preparation for potential new hires to join us in the future.

With all of us being so busy this construction season, I thought I would take the time to share some numbers about the amount of training that has been completed by the Broda Group LP Team. Training started right after the Christmas break and is still ongoing as I am writing this. The below numbers are examples of some of the training completed from January 1st, 2023, until the current date.

- Broda Group LP Orientations: 468 Completed
- WHMIS Training: 365 Certificates Completed
- Power Mobile Equipment (PME) Tests and Evaluations: 1,483 Completed
- Pre-Access Drug & Alcohol Testing: 259 Completed
- Site Specific Orientations and Pre-Access Training: 334 Completed
- Onsite 3rd Party Training: 385 Completed

Along with all this training comes the hours of preparation done by the onsite personnel and the office staff to be able to make all of it happen. Once the training has been completed, there is still a great amount of

The most thorough measurement can be found during external Certificate of Recognition (COR) audits. Rather than singling out specific elements, auditors conduct a thorough audit of the HSE Programs to analyze overall performance. Recently, the Heavy Construction Safety Association of Saskatchewan (HCSAS) conducted an external COR audit where we were awarded a score of 98% - An 11% increase since 2017 and our highest score to date since inception in Saskatchewan. Having been involved in both audits, the auditor recognized the growth in the organization and continued effort to build and maintain high safety standards all the while encompassing a strong safety culture. With few corrective actions needed, the auditor stated this was the highest score he has awarded a company in his tenure with the HCSAS.

All employee's can be proud of these successes and achievements as it takes dedication from each level and department to respond appropriately and obtain such high regards. Each result and outcome speaks for itself and directly correlates with the leadership and accountability each person places upon themselves to ensure program success - More importantly, that everyone goes home safely at the end of each and every day.

Thank you to everyone and their continued efforts in making Broda an industry leader in production and safety. As always, stay safe and have fun!

Robert Price
HSE Manager

time and work required before the process has ended. Field personnel start by sending all these items into office personnel for the uploading to our training software HSE Tracker. If training is completed in the office, documents need to be sent as well for upload. Each individual piece of training gets titled appropriately, uploaded to personnel profiles and verified to make sure that we are as accurate as possible.

Training is an ongoing item that we progress through as constructions seasons come and go and construction sites start and end. As the old saying goes, "Many hands make light work," this is all made possible by the team that we have assembled on the many sites and the office working together as one. One person could not achieve what we have as a cohesive group, and I think it is a testament of how well the personnel within the Broda Group work together and as one unit.

Thank you for everyone's help, assistance and buy in to make achieving these training numbers possible. Let's continue to be safe and have an incredible fall season.

Lance Horne
HSE & Training Coordinator





Project Profile

McClean Lake TMF Liner

The McClean Lake Liner construction project has been a good return to the north for the Broda team. There are a few return players along with new ones as well to lead the project. The project started in January with the procurement of bentonite from Wyoming. The bentonites deliveries were maintained throughout the schedule and was completed in August with the few remaining bags delivered to site.

Once we were able to, we started the crushing operations, this years crushing was completed on schedule and well ahead of any previous crushing regimes that had taken place which gave the team the resources needed to stay on top of the schedule. The focus once again was the cleanup and rip rap removal on the existing liner, then to pug and place new liner followed by the rip rap placement. The total volume of liner placed will be between 45,000m³ and 50,000m³ along with 20,000m³ of rip rap.

The crew was well on schedule for this year's work, and in fact were scheduled to leave mid August with full demob taking place by September. Liner was nearing completion, as well

we had areas overbuilt with excess liner material to utilize the bentonite and liner aggregate, while we were finishing the project and pulling up rip rap the liner started leaking.

The liner placed had met all design criteria including permeability, bentonite content, densities and moistures, unfortunately the head pressure in the existing slopes behind the new liner was too great causing it to seep through the new liner and therefore needing rebuilding. Since August 10th the crew has been working on the liner along with the owners and engineer to procure proper materials and restrict the flows of the ground water and pressures.

We have brought in additional pumps, hoses, geotextiles, weeping tiles to assist in the changing designs for solution and are hoping that we can solve this before the weather turns on the crew. Ministry of mines has approved the new design proposed by the engineer and once all materials are on site, we will proceed with the reconstruction works. The supervision staff as well as the crew has done a great job once again in McClean.



WHO WE ARE

◆ 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.

WHAT WE DO

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



brodagroup.com

**Rock
& Dirt**
NEWS

Broda Rock & Dirt is a quarterly newsletter published by the Communications Department of Broda Group LP. Please direct comments, suggestions and subscription inquiries to Tim Leonard at 306-764-5337 or tim.leonard@brodagroup.com

©Broda Group LP