

Potash
July 2018

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Community Newsletter



The bottom of the Service Shaft in August 2018.

Jansen Project update

At the Jansen Project work is progressing well and, since reaching their final depths, both shafts have been prepared for the installation of the final watertight liners.

Sinking the shafts is one of the most complex and risky undertakings in building a new potash mine, and BHP is the first in the potash industry to have done so using excavation rather than drill and blast. Having completed their excavation work, the two Shaft Boring Roadheaders (SBRs) have been removed from the shafts, the two headframes are undergoing some modification and we are preparing to install the new workbenches that will allow for the installation of the final liners.

Having reached first potash in the Service and Dalla Valle (Production) shafts at the end of March 2018, the shaft stations and shaft bottom were excavated using continuous mining equipment and skid-steers to perform this first horizontal mining excavations at the Jansen Project.

Following the excavation of the stations, the team removed the equipment from the station level and continued to sink vertically to the final depth of both shafts, reaching shaft bottom in August 2018 (Service Shaft – 1005m and Dalla Valle Shaft – 975m).

After August 2018, work began preparing the shaft bottom and the removal of both SBRs from the shafts. The bottom

excavating portion of the SBR was removed for weight reduction and a thin sprayed liner was placed on the shaft wall to allow for the collection and pumping of brine from the Souris River formation to avoid dissolving salt from the shaft bottom.

The SBRs then began their ascent to the surface, performing various tasks such as removing services (power, air, ventilation, and communications) along the way. By the end of February 2019, both SBRs had reached the surface and were suspended from large stands in preparation for removal from the shafts.

The two SBRs each weighed around 300 tonnes after the weight reduction and disconnection to services, and were removed in five large modules. By the first week of May 2019, both SBRs had been removed and the shafts had been handed over to the joint venture of Thyssen Mining, J.S. Redpath and Ledcor (TRL) who will complete the final liner scope in both shafts.

TRL commenced its work at Jansen by completing the necessary modifications to the headframes on each shaft. During May, teams removed about 40 tonnes of steel from both headframes and are in the process of installing another 20 tonnes. These modifications will allow for the installation of the TRL Galloway workbenches this summer which will allow them to begin installing the final liners for both the Service and Dalla Valle (Production) shafts at Jansen.



SBR alley – each SBR weighed around 300 tonnes and were safely removed from both shafts in February 2019.

New Jansen site contractor - TRL

We would like to welcome Thyssen Mining, J.S. Redpath and Ledcor (TRL) Joint Venture to the Jansen Project team. TRL will be constructing the steel and concrete final liner for both the Dalla Valle (Production) and Service Shafts and is scheduled to be on site until 2021.

For employment opportunities, please contact HR@trlmining.com.

Welcome TRL!

The “new” BHP brand

In 2017, we dropped the Billiton from our Company name and changed our logo. The reason is simple. We have always been known informally as ‘BHP’ and from now on we will return to the BHP brand – something that was extremely popular before the BHP and Billiton merger in 2001.

If we have worked on a community project with your organization in the past and if you would like to update our logo, or if you have any questions about this change, please contact Sarah Nixon (Specialist Communications, BHP) at (306) 385-8912 or Sarah.Nixon@bhp.com.

BHP

Safe Communities Humboldt & Area present BHP with a Service Award

BHP was honoured to accept a Service Award from Safe Communities Humboldt and Area. BHP has worked with Safe Communities Humboldt and Area over the past five (5) years, including sponsoring the annual Bike Rodeo and Safety Day and the annual P.A.R.T.Y. Program in Humboldt.

Thank you to Safe Communities Humboldt and Area for this award and for everything they do for Humboldt and the surrounding region!



Photo above from L-R: Sarah Nixon (Specialist Communications, BHP), Courage Bear (Specialist Community, BHP), Sherri Hinz (Executive Director, Safe Communities Humboldt & Area) and Ann Paton (Specialist Corporate Affairs, BHP).

Summer safety reminder

Young children and inexperienced swimmers should always wear a Personal Flotation Device (PFD) around the water. Although there are many products sold that keep people afloat in the water, a Coast Guard or Transport Canada approved life jacket is always the best option.

Day Star First Nation Housing Project completed

Over the past several years, BHP has been working with the Day Star First Nation under an Opportunities Agreement for the Jansen Project to complete a number of community development projects. In 2016, the First Nation completed a low pressure water system that connected the remaining fifteen (15) homes who did not have running water from the community water treatment facility. In 2017, BHP was pleased to partner with the Day Star First Nation on a multi-year project to construct six (6) modular homes on the reserve.

Construction on the project commenced in the fall of 2017 with the foundation installations. The modular homes were constructed by J&H Homes of Saskatoon. All electrical and hookup connections were coordinated by the First Nation with local contractors. Final inspections of the homes were conducted by a qualified building instructor for the Touchwood Agency Tribal Council (TATC).

The homes were completed and the first families moved into their new dwellings in early 2018. The families were selected by a Housing Committee for the Day Star First Nation in accordance with their Housing Policy. The new homes assisted with reducing the housing shortage that exists at Day Star and many other First Nations across Saskatchewan and Canada. At a total cost of approximately \$1 million CAD, this is another example of the collaborative relationship that has been established under the Jansen Project Opportunities Agreement which have now been in effect for over five years.



Photos (above): Two of the completed housing units on Day Star First Nation. All units have three bedrooms.



Photo below: Employees and contractors at the BHP Jansen Site kick-off their summer safety campaign at a BBQ at the beginning of June.

Jansen Project career information

For opportunities with BHP at our Jansen Site or at our Potash head office in Saskatoon, see <http://jobs.bhp.com> or contact saskatoon.jobs@bhp.com.

For employment opportunities with contractors currently working on the Jansen Site, please see their general scope and contact information below.

Two Lakes Horizon North Camp Services LP

Scope: Camp Operations and Maintenance (Catering/Housekeeping/Camp Maintenance)

Enquiries: Jeff Litchfield – (780) 395-7351 – jlitchfield@horizonnorth.ca

South East Construction

Scope: General Maintenance (Heavy Equipment/Trades)

Enquiries: Mike Silvernagle – (306) 740-8803 – mike@secon.ca

Southland

Scope: Bussing/Transportation Services

Enquiries: Joyce Dopko – (306) 715-0457 – joyced@southland.ca

Athabasca Basin Security

Scope: Site Security

Enquiries: Eric Tang – (306) 384-0977 – etang@basinsecurity.com

TRL – Joint venture partnership between Thyssen Mining, J.S. Redpath and Ledcor Construction

Scope: Final Liner Installation

Enquiries: (306) 949-5931 – HR@trlminingconstruction.com



Potash community enquiries

We are committed to listening to community needs and responding to concerns promptly, fairly and with respect. If you have any concerns about how BHP is operating in your community, we would like to hear about it. Please feel free to contact your local Corporate Affairs representative at the BHP Office in LeRoy, in Saskatoon or via email at Potash.CommunityEnquiry@bhp.com.

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