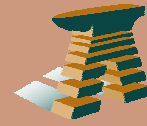


The Anvil



News about Anvil Mining Limited ... Democratic Republic of Congo, Canada, Australia ... February 2011

Stage II now 90% done, 'hot' commissioning to start soon



Jan van Schaik's dramatic photo of Stage II under construction shortly after rain had cleared the air

Senior project manager **ALAN WALKER** updates progress at Kinsevere's SXEW process plant

As expected, construction during the December/January period progress was affected by rain and Christmas festivities, but solid progress has been achieved, and commissioning of the utility systems has started.

As at mid-February, the project is nearly 90% complete and forecast to be about one month away from the start of "hot" commissioning and two months from the start of production operations.

More than 1,000 construction and management personnel are still working towards completion of the construction and commissioning work. The project teams are focused on ensuring earliest practical

IN THIS EDITION ...

- 2: CEO's message
- 3: SharePoint
- 4-5: Long service
- 6-7: Achievements
- 8: Kinika Bridge

production of first copper.

The construction status is summarised as follows:

- Earthworks are almost fully completed: work has started on installation of the final roads and drains.

- Concrete works and brick/block buildings are practically complete. Work is continuing with minor items and finishes, and touch-up to acid protection.

- Structural works are effectively complete: there are minor handrails to be installed and painting teams have plenty to do.

- Mechanical items are all placed, and most repaired/rectified items have been supplied. The additional crane for the electro-winning is expected in March 2011 (before production of first copper).

- Piping work is progressing well, but slower than planned, and comprises the main area of con-

► Continued on Page 2



Fitter Jean Tshisola Tshijika at work at Kinsevere's Stage I HMS plant. In the background is the Stage II development

► From Page 1

struction focus. About 30% of all piping is still to be installed and tested, but commissioning of the utility services has started.

- Electrical work is well advanced in all areas of the main plant, and the overhead power line work is nearing completion. The HV boards were energised in early February.

- The control room is being “finished”: tiling, plumbing and electrical works, and should be ready for occupation in mid-March.

The project is not without its problems, as is usual for such a complex plant. The “devil in the detail” is keeping everyone busy! Issues are being managed expeditiously with invaluable involvement from AMCK processing/maintenance personnel and the

commissioning team from PPM Solutions.

Substantial effort continues to be applied by the supply/logistics teams at Kinsevere and in Johannesburg, to manage the project interfaces and to ensure items required for the plant/spare parts are procured and delivered.

In Perth, attention is being given to receipt of the manuals, engineering drawings and procurement files required to support ongoing operation and expansion of the project, as well as management of the commercial aspects of the project.

The process shift teams have been appointed. Training is being conducted at Kinsevere supplemented by familiarisation visits to Ruashi Mining, which assistance is greatly appreciated.

The process personnel will be active during commissioning of the

project over the coming months, with hands-on training and involvement of the equipment vendor specialists.

The plant is being prepared for safe offloading of sulphuric acid and diluent, to start by mid-March.

The construction safety record to date is very good, with only one LTI in more than 2.4 million man-hours worked. Safety continues to be of highest concern, especially as energy and chemicals are introduced into areas where construction finishes are still progressing.

Over the next few months we will continue the integrity testing and pre-commissioning of the plant to confirm all of the process circuits function reliably – and then introduce acid and ore.



A message from chief executive officer Bill Turner

Recently, I was asked to say a few words at a mining industry function in Cape Town, about my many experiences in the Congo over the years. Among a number of comments I made, I pick the following to be the most meaningful in terms of guidance:

- Everything that I have come across during my African journey with Anvil has been either an opportunity to grow, or an obstacle to growth. I have always chosen to focus on the former because I live by an important piece of wisdom, which is: "Things turn out the best for those who make the best of the way things turn out."

- No matter where someone comes from, what he or she wants most is opportunity, and the support when necessary, to make the best of the opportunity.

- It is important to develop a sense of humanity and spirit in the company that flows out into the community, and that in future years, you can be proud of.

- Don't get too hung up about the bumps in the road, for that is all they are really, just bumps in the road.

I have found these words particularly relevant and helpful for working in the Congo.



Sharing a lighter moment during a SharePoint presentation in the Kinsevere boardroom were, from left, Lauren Santos, Sezai Komur of CSG, Michael Paul, Brendan Mosley, John Nguyen and Rob Clark

SharePoint briefings as Anvil amps up its info management

Anvil is working towards improving the way corporate information is stored, searched for and accessed – across the organisation as well as collaborating with external partners and third party providers.

Behind it all is a Microsoft application called SharePoint 2010 which is designed to achieve these kinds of goals and provide a platform for other purposes.

Anvil IT manager Simon Kidd in early January said that as part of the project, Anvil was “looking to engage as many areas of the business as possible in its design and implementation and recognises the importance these engagements will provide in the successful delivery of the project”.

Kidd said the new features and functions which form part and parcel of SharePoint 2010 would refresh the look and “feel” of the corporate intranet, provide improved performance for remote and overseas staff – and serve the purpose its name implied: be a point of sharing for all Anvil offices worldwide.

Workshops were expected to take between four to five weeks, with the expected date of effective commissioning of SharePoint by mid-April this year.

Kidd appealed to employees and other stakeholders to attend workshops to enable service provider CSG “to build a solution that best fits our business needs”. Workshops would be held in Perth, at



Simon Kidd

Kinsevere and Johannesburg, and via conference calls to Canada.

It is bound to be a busy time for Anvil’s IT department as SharePoint 2010 will seamlessly integrate with Office 2010, which will also be introduced over coming weeks.

Ivan Yates and Jason Duffy, of CSG, said Anvil would use SharePoint as a “central repository” for all working documents and published documents.

“Having them all in this central repository gives them resilience. For example, if one is working on a proposal or some sort of functional specification and someone else contributes to it, possibly corrupting the document, you can regress the versions with a couple of clicks,” said Duffy. This was just a single feature of its many advantages, the others being built-in work-flow, feed-back and approval work-flow.

“So if I create a document, I can get feedback from others, and then approval from someone else. And once approved, it becomes a published document, so anyone can read it or contribute to it, if necessary.”

Another challenge which SharePoint intended to overcome is synchronising Perth with Kinsevere – files, pictures and documents. Currently, said Duffy, it was a “bit of a nightmare” because there is just a 1MB satellite link in place.

“The solution which we have designed puts another piece of software in the middle, which manages the synchronisation of content between Perth and Kinsevere and vice versa. It does not necessarily make the synchronisation go faster, but it gives it more resilience. If the link breaks during the synchronisation of a document, this software helps pick up where it left off when the break occurred. You can also be selective about synchronisation; if you have, say, 300 documents on the Perth intranet, only 10 of them may be relevant to Kinsevere. You can be selective and filter out the ones you need to. The software is also ‘intelligent’ in that it knows when the network is quiet, so it will copy more over.

Many global organisations use this software that we are proposing to use, and there have been lots of white papers written (by companies) on how they have benefited,” said Duffy.

Celebrating service of 14

December 4, 2010, was an auspicious day for Anvil as it celebrated the long service of 14 employees who have worked for the company for a combined grand total of 92 years.

Attended by chief executive officer Bill Turner and several other senior executives, including operations vice president Paul Chare, the recipients and their partners enjoyed an evening of celebration at the Kinsevere camp.

Master of ceremonies was Kinsevere human resources manager Christian Kabila, who presented the awards to Steve Panza (15 years); Paul Mapan (eight years); Jean Mindana, Michel Kikudji, Bakomeka Kelina (seven years); Thierry Mulang, Teddy Nsenga, Charles Kyona (six years); and Papy Lakul, James Mukadi, Pauline Tumba, Jacques Kanema, Morgan Kabange and Dr Philippe Kalwazi (five years).

Most employees began their careers with the company either at Dikulushi, in Lubumbashi or at Mutoshi near Kolwezi.



Operations vice president Paul Chare addresses the long-service award recipients at Kinsevere. Looking on are chief executive officer Bill Turner and human resources manager Christian Kabila



Papy Lakul with his wife Vivianne Makianding enjoy the sumptuous barbecue while James Kanema (right), looking resplendent in traditional dress, toasts the evening with a Simba



RIGHT: Anvil's "Mr Kolwezi", Morgan Kabange, with his wife Elysée Masengo



LEFT: Banze Mikombe Honoré (AMCK Union president) with his wife Genevieve Banza

employees over 92 years



Proudly displaying their long-service certificates were, from left, Bakomeka Kelina, Paul Mapan, Thierry Mulang and Pauline Tumba



Funny faces (left) and funny instruments (right) all had their moment in the spotlight. Pictures on these pages kindly provided by JAN VAN SCHAİK



Dr Philippe Kalwazi, left, some of the friends and family who attended the long-service award presentations, and James Mukadi (right)



This is one of those “before-and-after” photographs, featuring Eddie Kadiosha and Mike Kabeya. Conscientious readers of The Anvil will recall that Eddie featured in the last edition of the newsletter, which highlighted his desire to join the permanent staff at Anvil. This wish came true in February when he was appointed a maintenance planner for Kinsevere. It was a double whammy, as his former barman colleague Mike also joined the company’s permanent staff as a logistics assistant. Pictured below were Eddie and Mike working the Kinsevere bar, and above on the day they received their company kit



Yannick Zagabe joined the company only in August 2010 but has already notched up an important achievement. Employed as an IT network assistant to work with both James Mukadi and senior systems engineer at Kinsevere, Abu Kweti, Zagabe recently successfully completed a course to become a certified Cisco network associate

Appointments, promotions, achievement ...



Rob Baron

Rob Baron has been appointed training superintendent with effect from February 1. In announcing the promotion, operations vice president Paul Chare said: "Rob has displayed a great amount of energy, dedication and professionalism in developing the process training modules for the SXEW plant. In his new role he will co-ordinate the operations of the training department particularly focused on the continued development and implementation of the training modules for the maintenance and process teams in the new plant."

Andrew Danysz has been appointed senior mechanical engineer for Stage II. In announcing the appointment, maintenance manager Geoff Savage said: "Andrew will play an integral role in maintenance for plant engineering improvement projects and remedial works from the construction phase as well as assisting to continuously improve plant performance. Andrew has had extensive experience in both design and maintenance of process plants with particular and considerable experience in SXEW."

Simon Maip has been appointed an electrical and instrumentation senior supervisor trainer for Stage II. Superintendent Rob Henschke said Simon would help set up the electrical and instrumentation systems for the site an also focus on the training and development of Congolese staff.

Darren Richards has been appointed process supervisor/trainer for Stage II. Brendan Mosley said Darren brought with

him a wealth of experience in copper SXEW from the Sepon operation in Laos as well as Mt Gordon in Queensland. "Darren will be a strong addition to the current team that exists at Kinsevere."



Bree Marshall

Bree Marshall has been appointed office administrator in Perth. Company secretary Stuart McKenzie said Bree would be responsible for all matters related to administration of the Perth office and provide assistance wherever possible to Perth staff. "Bree brings extensive experience in office administration and has spent time working at a Western Australian mine site."



Charlie Seabrook

Charlie Seabrook has been appointed senior exploration geologist. In announcing the appointment, exploration manager Ed Turner said Charlie would help him build a "a strong strategic land position in the vicinity of Stage II and re-establish field exploration activities with the aim of discovering new resources that will provide the opportunity to expand Kinsevere beyond 60,000 tpa". Charlie has a wide range of experience, but with

specific knowledge of and practical experience in base metal mineralisation (nickel and copper) and gold. She has worked in Canada, Africa and Australia.

Nick Downs has been appointed senior shift mechanical trainer, one of four the company has employed to ensure the highest possible level of skills development through hands-on coaching and mentoring. Maintenance manager Geoff Savage said: "Aside from appropriate internationally recognised trade qualifications, Nick brings with him a wide experience in the mining industry including similar expat roles."

Mark McCann has been appointed senior supervisor (light vehicles and ancillary equipment maintenance) in the reorganisation of this service division.

Jorge Arriagada has been appointed senior shift mechanical trainer, one of four such positions. Geoff Savage said: "Jorge has many years mining and mineral processing equipment maintenance experience in various parts of the world including Australia, Africa and South America."

Samy Mbangi has been reassigned from his security officer duties at administration to work in the control room at the Kinsevere security department.



Samy Mbangi

Official opening of Kinika Bridge



December 4 was a special day for Michel Kikudji (being hoisted into the air by an enthusiastic villager in the picture above) and his workmates when a ceremony to mark the official opening of Kinika Bridge took place. Civil roads construction supervisor Kikudji and his team had spent several months building the Kinika Bridge (below), which crosses a river of the same name on the road between Kasomeno and Kilwa. Kikudji has been with the company for more than seven years and has been involved in several road construction projects, including the ambitious \$10 million project to upgrade the entire Kilwa-Kasomeno section of the N5, which runs from Lubumbashi in the south to Pweto in the north. The full, fascinating story of the construction of the Kinika Bridge will be the subject of a social development newsletter soon to be published on the Anvil intranet

