

NEWSLETTER

# WSSA *Up*



## Report On The Ficksburg Water Scheme Phase 2 Project

This project carried out for Setsoto Local Municipality and funded by the Department of Water and Sanitation (DWS) under their RBIG programme will augment the water supply to the Ficksburg and Meqheleng areas which have been plagued by water shortages during the recent drought. Following on the success of Phase 1 which was reported on in the previous newsletter this work, valued at R53 million, was awarded to WSSA. The work on phase 2 is currently in progress and includes the construction of:

- *A new pipeline from the Meulspruit Dam to the Ficksburg WTW – 8km of 630mm MPVC pipes*
- *A river crossing of 600mm diameter steel pipes on concrete pillars*
- *Upgrading of the current pumps*
- *Associated valves, chambers, thrust blocks and other structures*
- *A Variation Order (VO) has been issued for additional comprising: watermains, a sewage rising main, two pump stations and an elevated steel water tank*

### Project Details

Client – Setsoto LM	•	Funder – DWS (RBIG programme)
Engineer – Flagg Consulting	•	Main Contractor – WSSA
Value – R53 million	•	Duration – 8 months

The project is currently on budget and on time with a good level of client satisfaction.

### Pictorial Of The Project

A feature of this project is that the pipes are large and heavy which makes them cumbersome to handle and lay as can be seen in the photos below:



What makes this project difficult is the rock that has to be excavated and the number of existing services encountered in the section through the town. Traffic had to be diverted and access given to property owners at all times.

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Digging through town



Ficksburg Sandstone



The Ficksburg team on a chilly Free State morning

# WSSA CSR Project For Zululand District Municipality

## CRECHE PROJECT FOR DUMBE LOCAL MUNICIPALITY

04 MARCH 2016

The community of BilanyoniEngoje at Dumbe Local Municipality (ward 4 ) has an early childhood centre, which was operating in a structure that was not conducive to effective learning, particularly in light of extreme weather conditions and it was unhealthy for accommodating about 200 toddlers.

Having noticed the condition of the centre, WSSA extended a hand to this community by providing new crèche comprising of 3 Classrooms and a kitchen for catering purposes. The structure is divided into 3 classrooms to accommodate age groups.

This was to help provide comfort for both the children and their educators during learning. As a means of job creation, WSSA encouraged the appointment of local people in the community with the skills to work on this project, as part of local empowerment.



The following picture shows the background history of an old structure.



## KZN PROJECTS

*WSSA are busy with two Projects in KwaZulu Natal that were awarded to us in recent months.*

Three Pump Stations in the water scarce area of Mahashini, Usuthu, in the Zululand Municipal District are being completed. The project is valued at R10,9 million, and comprises of mechanical, electrical as well as internal and external piping of the three pump station installations. This project forms a part of a much larger programme to delivery water service to the Nongoma area to help resolve water challenges within the area.



The Drought struck area of Hluhluwe in Northern Natal were allocated Drought Relief funding from the Department of Water and Sanitation. WSSA were awarded a project for the upgrade of Hluhluwe WTW Phase 2, for the construction of floc channels, buildings and a new rising main, upgrade of pump stations and dosing systems and refurbishment of steel clarifiers. The project is valued at R15,4 million.



## WSSA Water Week

South Africa is a water-scare country. WSSA took the initiative by inviting schools to visit our water purification plant and experience the processing of water purification and to educate the children of how to use and save water at home and at school.

Below is one of the schools that visited the plant to see the process of water purification and WSSA made sure that they learned how to save water:

- Reduced frequency of toilet flushing.
- If a tap is leaking, fix it immediately.
- Sweep fallen leaves rather than hosing down.
- Do not water lawns.
- Wash cars with a bucket.
- Turn off the tap when brushing teeth / shaving.
- Regular check of toilet cistern to cut down overflow.
- Report all visible leaks etc.

In conclusion, the water scarcity challenge requires everyone to get involved. The awareness should start immediately with everyone reading this article and sharing the water saving tips with your family members and neighbours, thus raising awareness. All life on earth relies on water and we should be conserving it for future generations by using it wisely.



## WORLD DAY FOR SAFETY AND HEALTH AT WORK

### WORKPLACE STRESS

WSSA are committed to the ILO campaign on the 28 April 2016 World Day for Safety and Health at Work.

There are a variety of steps you can take to reduce both your overall stress levels and the stress you find on the job and in the workplace.

These include:

- *Taking responsibility for improving your physical and emotional well-being.*
- *Avoiding pitfalls by identifying knee jerk habits and negative attitudes that add to the stress you experience at work.*
- *Learning better communication skills to ease and improve your relationships with management and coworkers.*

*Tip 1:  
Recognize warning signs of excessive stress at work*

*Tip 2:  
Reduce job stress by taking care of yourself*

*Tip 3:  
Reduce job stress by prioritizing and organizing*



"The prevention of accidents and diseases, the promotion of a healthy working life and the building of a preventive culture is a shared responsibility of governments, employers and workers, health professionals and societies as a whole."

*Information taken from <http://www.ilo.org/safework/events/safeday/lang--en/index.htm>  
<http://www.helpguide.org/articles/stress/stress-at-work.htm>*