

Pressrelease

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BWI's first 6 months of operating the Saint Martin WWTP

Assessment of the achieved results

Port Louis _ Berlin - One of the administrative requirements upon taking over the operation of the St. Martin Wastewater Treatment Plant was the compilation of a full set of documentation necessary for any WWTP operation including operations, maintenance and health & safety manuals, which had to be drafted anew. This was followed by a comprehensive training programme for all of BWI's 35 head strong local staff as well as the clients involved personnel. In total 20 lessons were organised onsite. In addition, a comprehensive internal and external reporting system for a complete process control and supervision of the effluent standards was established.

On the technical side, progress was made at several points. In order to bring down operation cost and increase the sludge processing efficiency, tests on identifying the most suitable polymer for sludge thickening and dewatering were carried out. After identification of the best polymer, its procurement is currently underway. This will allow for substantial polymer cost savings over the next 6.5 years of BWI's plant operation.

In order to improve process efficiency and rehabilitate first parts of the treatment plant in need of refurbishment, several technical studies were submitted to the client – the WMA – who is responsible for capital expenditures. These are currently in the process of examination and consequent approval. These improvements concern the treatment of filter backwash water, the operation of the aeration blowers, the refurbishment of the sand filtration units as well as the centrate treatment from the centrifuges.

Finally, several smaller improvements in the operation of the WWTPs laboratory and the maintenance department are under way for cost saving purposes and efficiency increases.

Berlinwasser International AG

Berlinwasser International AG, as Germany's leading service provider concentrating on the management and operation of drinking water supply and wastewater disposal systems, is active on water markets throughout the world. Within the framework of Public Private Partnership schemes, Berlinwasser International AG offers a broad range of infrastructure and consulting competencies for investment and development projects abroad. BWI's range of services includes the design and implementation of operations management and management contracts, consulting and collaboration with financial investors. The BWI portfolio also includes concession agreements and BOT and TOT projects, for the management of which the company's head office in Berlin is responsible.

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Onsiong Bros & Co. Ltd..

Onsiong Bros & Co Ltd., based in Mauritius have been active in the water sector over the last 20 years. Onsiong Bros & Co Ltd have been working with the Central Water Authority (CWA), the Wastewater Management Authority (WMA) and the Irrigation Authority (IA) of Mauritius where they have been involved in the supply of quality materials and equipment to these corporations. This includes supply of piping materials, control and leak detection equipment, electronic data collecting equipment and software, chemicals and chemical dosing equipment.

Onsiong Bros & Co Ltd have also been involved in negotiations for management of water authorities and construction of wastewater treatment plants on a BOT basis in countries in the Indian Ocean.

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