



PROJECT NAME

DR JS Moroka LM: Wastewater Treatment Systems: Processes and Compliance

CLIENT

Dr JS Moroka Local Municipality (DRJSM LM)

LOCATION

Siyabuswa, Mpumalanga

PROJECT VALUE

Total value R 1 250 000.00

SERVICES

Achieve Green drop compliance, conduct process audits and provide plans/costing for remedial actions

TIME FRAME

December 2010 (On-going)



In order to achieve Green Drop compliance, DRJSM LM appointed CSV to assist in identifying problems areas at all wastewater treatment plants within the municipality and implement remedial actions that will result in plant optimisation and compliance to all relevant legislation, should funding be made available.



The scope of work includes the following: review and compilation of Operation and Maintenance Manuals, application for wastewater licenses, application for abstraction license, process audits, development of an Incident Management Protocol and Wastewater Risk Abatement Plan, review of existing by-laws, development of a Stormwater Management Plan, compilation of Asset Registers and review of all Green Drop Criteria.

To date, CSV has conducted site inspections of all wastewater treatment plants to compile comprehensive process audits as well as detailed costing and plans for refurbishment of the wastewater treatment plants. CSV has also conducted site-specific risk assessments which were documented in a Wastewater Risk Abatement Plan and Incident Management Protocol which is currently being reviewed by the client.

The three WWTW within the Municipality was found to be in need of urgent refurbishment and CSV is currently awaiting the client's approval to proceed with appointment of a service provider to undertake the proposed refurbishment. A list of operational and maintenance problems have been identified and recommended actions to address these problems have been included in the action plan of the Wastewater Risk Abatement Plan. CSV is confident that implementation of the action plan by DRJSM LM will result in improved operation and maintenance and the delivery of good quality final effluent.