# 1.1 MADIBENG LOCAL MUNICIPALITY: BRITS WATER TREATMENT WORKS AND ASSOCIATES WORK

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| **Project Description** | | |  | **Project Phase** | | | | | **Construction Phase 2** | | | | |
| Scope of works  The project comprises the following components:   * Initial refurbishment of key components of Brits WTW & Schoemansville WTW * Upgrade raw water supply system to Brits WTW, i.e., abstraction works & pipe line to WTW * Upgrade of Brits Water Treatment Works (WTW); adding a 20 Ml/d module & upgrade existing 60Ml/d to Ozone treatment & GAC filters. * Bulk supply pipe line down stream of WTW to first line of reservoirs | | | **Project Implementation Start** | | | 2014 | | **Project Implementation Completion** | | | 2023 | |
|  | | | | | | | | | |
| **Project Schedule for Feasibility Study** | | | | | | | | | |
| **Key Milestones\*** | | | | **Planned** | | | **Actual/ Revised** | | |
| Inception Phase for the Feasibility Study completed | | | | December 2007 | | | October 2010 | | |
| Technical Feasibility study/IRS | | | | October 2010 | | | October 2014 | | |
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| **Percentage Progress** | | **70 % Civil Work** |
| **Summary Progress** | | | Refurbishment of WTW Phase 1 | | | | October 2010 | | | July 2014 | | |
| Upgrading of the Brits Water Treatment Works:   * Civil: Contractor (DWS Construction Unit) progress is at 70% * Bulk electricity upgrade: Contractor (Quebec Electrical) – progress at 88%. Way leave approval obtained from Transnet * Mechanical / Electrical: Design completed * Raw water supply system to WTW 100% completed * Electrical contractor appointed, only Mechanical contractor to be appointed end of February 2022 | | | Upgrade of Brits Water Works Phase 2 | | | | May 2014 | | | November 2023 | | |
| Distribution bulk Pipeline to Command reservoir Phase 3 | | | | TBC | | | TBC | | |
|  | | | |  | | |  | | |
| **Project Expenditure** | | | | | | | | | |
| **Estimated Total Cost at Completion** | | | | | | R 888 million for the overall work | | | |
| **Total Expenditure to Date** | | | | | | R 444 million | | | |
| **% Expenditure to Date** | | | | | | 50% | | | |
| **Approved Budget** | | 155 million (current FY) | | | | **Revised Budget** | | 155 million | |
| **Month Projected** | | 22 million | | | | **Month Actual** | | 5 million | |
| **Cum Projected** | |  | | | | **Cum Actual** | |  | |
| **% of Variation to baseline projection** | | | | | | 10% | | | |
| **Key Risks / Issues** | | | | | | | | | | | | |
| **No.** | **Risk Description** | | | | | | | | | | | |
| Delays in terms of the appointment of contractors will impact on project budget due to escalation of prices for materials and other services. | | | | | | | | | | | | |
| **Root Causes of the Risk** | | | | | **Mitigation Strategy or Management Actions for Resolution** | | | | | | | |
|  | Delays on appointment of contractors | | | | Magalieswater to finalise the appointment of the mechanical contractor as soon as possible to avoid funds been surrendered. | | | | | | | |
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| **Concluding Remarks** | | | | |
| Finalise the implementation approach and scope of work for the pipeline for Phase 3 | | | | |

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# Responsible Deputy Director-General: Thoko Sigwaza