# 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 |
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| **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 |
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| **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