

6.21 Asset Inventory and Condition Assessment

With regard to the DMAT'S facilities and assets related to the on-going contracts, the initial task shall be the listing of all the assets under the contracts and the condition assessment of the same. This is an important task to protect the assets from deterioration which shall be based on periodical assessment of the condition to ensure the weakening of the same by appropriate remedial actions. This principal activity will be interconnected with other specific roles such as Capital Maintenance, Preventive Maintenance, Condition Survey and Handing Back to the DMAT, at the end of the contract term where applicable.

Efficient maintenance of capital assets would require regular surveying of the asset conditions annually reflecting the plant and equipment conditions. The annual ACS is an important pre-requisite to updating the AMP, as well as, the CIP of asset management in the project areas.

6.22 Asset Criticality Assessment (ACA)

Asset criticality assessment produces a ranked list of assets regarding the importance of a particular asset or group of assets within the stormwater pumping facilities including networks. The criticality of the process and site is also ascertained during this exercise. The ranked list is then categorized into three distinctive bands; High, Medium and Low, where the most important assets receive a more comprehensive maintenance package. The methodology behind the ACA can be compared to that of a risk assessment, where all plant and equipment is scrutinized in terms of asset serviceability and consequence of failure.

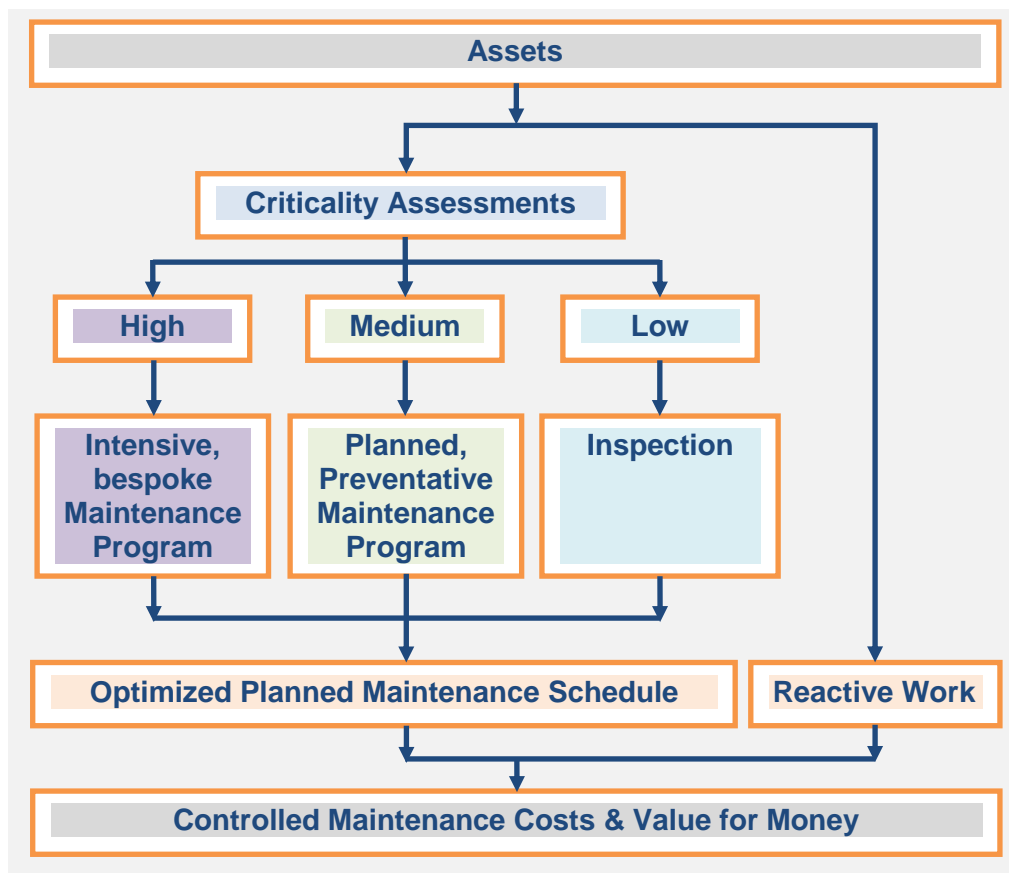


Figure 6-9: Criticality Assessment Flowchart