

- A key action is to identify/record the internal and external condition of any pipe exposed /cut out. Any such cut out should be labelled and recorded to identify its location and date of cut out.
- A similar procedure should also be implemented for emergency work especially burst repairs, as this is an excellent source of data particularly with condition grading of a pipeline.
- All data once verified and approved should be forwarded to the GIS center for the system to be updated.

All the above data is required for the development and on-going verification of the underground asset conditions in order to produce a viable and accurate Asset Management Plan for the renewal/refurbishment of the network.

It is essential that a quality assurance procedure is developed to ensure the accuracy and integrity and completeness of the collected data and that only appropriate qualified staff are authorized to collect and record such data.

The confidence in such data collected will be directly related to the appropriateness/training of the staff involved and the recording methods adopted and utilized.

To accommodate the extra attributes identified it is recommended that additional fields be developed in the GIS database. The program for the agreement of, the development and implementation of this work will be critical to the implementation of the DMAT'S Asset Management Plan.

## **6.19 Asset Condition Grade**

Asset Condition Grading is aligned to a risk-based approach which considers asset criticality in respect of ability to meet levels of service, age and condition, performance, serviceability, security and the consequences of asset failure.

For each facility inspection which has taken place, there shall be a comprehensive report which includes all relevant data and photographic evidence for the assets. The Asset Condition Grade shall be in accordance with the agreed Asset Condition Grade table.

During the contract transition period the technical teams examining assets to determine Asset Condition Grades should highlight for the DMAT, on a periodic basis, those Assets which have been classified as Asset Condition Grade 4 or 5. This allows for continuous samples of tracking of progress of the Asset Condition Grading exercise which should be ongoing. Asset condition grades are shown at Appendix C-1.

## **6.20 Disposal of Assets**

### **6.20.1 The Asset Disposal Planning Process**

This structured process ensures the asset portfolio comprises those to meet service deliveries at the lowest long-term cost. Disposal Plans cover the same period of time as the capital investment, maintenance and operations plans.

#### **Stage 1: Assets Surplus to Service Delivery**

Assets are of value if they continue to cost effectively support the delivery of DMAT'S services. If they no longer do this, their worth lies in their disposal value. An asset's