

3.11.7 Inspection, Quality Control and Follow-Up

The inspection program will be based on the best asset data available:

- a) Existing documents and drawings
- b) Asset details
- c) Existing asset condition data
- d) Asset historical data
- e) Local knowledge of existing employees
- f) Most appropriate asset evaluation methodology
- g) Evaluation rate for the specific asset

During routine maintenance and inspection maintenance personnel will note the condition of various assets and identify areas that need repair. Potential problems documented and repair work prioritized, depending on the nature and severity of the problem:

- a) Immediate repair, e.g. pump station failure, sewer line rupture, sewer line blockage. These repairs may be temporary until scheduled or capital improvements can be completed.
- b) Scheduled repair, e.g. lubricating pump motors, sealing cracks, flushing lines, repairing chambers and outfalls, etc.
- c) Capital improvements, e.g. rehabilitating pipelines/pumping mains, constructing or replacing new pump stations, installing new lines, chambers and outfalls, etc.

Quality controls will be done by maintenance personnel through inspecting installations to check for any breakdowns, defects or other elements interfering with asset operations, in any case these controls make it possible to notify any critical situation to the management for further action.

The work of the Contractors assigned to the asset maintenance/installations will be checked by these inspections as well as service quality in general, particularly related to the following:

- a) Reliability of collected data
- b) Condition of works and equipment
- c) Compliance to instructions manual procedures
- d) Accuracy of measures taken
- e) Service management efficiency
- f) Presence of abnormal conditions.

The DMAT shall ensure that all work comply with the requirements of the relevant QC/QA standards, as a minimum. Internal audits shall be performed to verify that QC/QA procedures are adhered to and in compliance with.

A review and follow-up system will also address the problems and failures with assets, e.g. why a failure occurred and to ensure that there is no repeat. Any failure discovered through the exercises shall be managed through the QA corrective action system. Implementation of actions shall be followed up by means of continuous monitoring, planned reporting back on actions or direct follow-up. The result of the follow-up shall be documented.