

**c) Surveillance of Networks to Ensure Appropriate Use and/or Stop Misuse**

Any environment in which explosive or poisonous gases are present, presents a potential safety hazard. Therefore, permission from the DMAT and other authorities shall be sought for works falling under the following categories:

- Entering into confined space, e.g. chambers, wet/dry wells, etc.
- Monitoring salinity and contamination.
- Illicit and/or cross connections.

The DMAT shall monitor the assets through various sources in order to ensure their proper use.

**d) Co-ordination of Work on the System by Others (Connections, Rehabilitation, Diversion, etc.)**

- Co-ordination of work with others is essential to effectively manage the ongoing operations of the pumping stations and networks.
- Ensure that no activity causes hindrance to the execution of any work on the system.
- Adjust normal method of working/operational practice/maintenance program to accommodate changes in up/downstream flow conditions resulting from work by others or as required.

## **2.7 Operating Procedures, Schedules and Structures**

Operating procedures shall be in accordance with the following:

- Equipment manufacturer's recommendations
- Operating requirements
- Industry best practice / standards
- Operating procedures shall be written in accordance with relevant 'best practice standards' to achieve best possible quality. These will concern facilities, quality of service, staff and the organization. Operating procedures shall be followed by all staff.
- Operating procedures shall be reviewed and audited systematically and regularly to ensure that they are practical, safe and meet the intent for which they are designed. Operating schedules shall:
  - Generate work order schedules based on resource leveling techniques.
  - Graphically analyze and manipulate availability of resources.
  - Set down time requirements for machinery required to be off-line prior to work being performed.
  - Optimize asset life through what-if analysis.
  - Store new schedule dates for comparison with the original target dates.
  - Forecast future preventive maintenance dates for resource planning.

The operation of the DMAT'S assets will be organized into manageable, efficient areas of responsibility and service centers for call-outs, inspections, cleaning and repairs.