
Job Opportunities

The Central Non- Revenue Water unit (CNRW) of the Water Authority of Jordan (WAJ) is seeking to recruit qualified Jordanian professionals to support WAJ in the development, management, supervision, coordination and decision making process in support of the water sector reform.

The role of the Central Non-Revenue Water Unit is to provide high quality technical support to the Water Authority of Jordan (WAJ) and the Ministry of Water and Irrigation.

The main services to be performed by the Specialists shall support the CNRW Unit to achieve the following at a minimum:

- To support the units concerned with NRW in the water entities (Yarmouk Water, Miyahuna, Aqaba Water).
- To follow-up on the implementation of the National NRW Strategy and the related action plans.
- To assess the impact of NRW projects with a focus on results and sustainability.
- To act as a national Center of Excellence for matters related to NRW.
- To contribute to the planning, design, and monitor key performance indicators of NRW related projects
- To oversee the NRW reduction at the water entities, provide feedback on the processes, and audit the NRW level reports submitted.
- To coordinate with donor agencies regarding funded NRW projects
- To validate the data reported by the water entities against the data generated from WAJ and JVA.
- To provide technical support to the water entities related to NRW management and reporting.
- To report on the national NRW level and act as the single point to issue NRW related information on the national level.

The contract's duration shall be 12 months, in addition 12 months as an optional year.

The CNRW seeks qualified Jordanian professionals to apply for the following positions:

1. Physical Losses Reduction Specialist (No=1)

Education/Skills:

- University degree (a minimum of a BSc in engineering or in the related field)
- Excellent interpersonal and communication skills.
- Reporting and data analysis skills.
- Excellent command of oral and written English.
- Good command of Arabic is preferable.

Professional experience:

- Minimum 10 years of professional experience in the water supply sector of which a minimum of 5 years in the management and reduction of Physical Losses in water networks.
- Proven experience in the field of physical loss reduction. Experience in networks operated under intermittent water supply regime is an advantage.
- Excellent knowledge of technologies, software, approaches and tools used in physical loss management (e.g. leak detection equipment, leak detection techniques, pressure management devices and approaches, leak repair best practices, etc.).

Work Experience:

- Proven production or co-production of reports, technical papers, scientific papers, and/or deliverables relevant to physical loss reduction projects or interventions.
- Work experience in the water sector in Jordan is preferable.

Duties and Responsibilities:

- Support the Central NRW Unit and other relevant organizational units in the water entities (Miyahuna, YWC, AW and JVA) in the implementation and monitoring of NRW projects and activities.
- Advise the Central NRW Unit on matters relating to the Physical Water Loss reduction in the context of the implementation of the National Water Strategy (2023 – 2040) to reduce the national NRW level by 2% per year.
- Oversee the planning and design processes of NRW projects and related activities.
- Review relevant work and consolidate project progress reports in the field of physical water loss management and reduction.
- Assist the Head of the Central NRW Unit with tasks or assignments as determined.
- Establish protocols and procedures for auditing and validating information and data relating to physical loss from the networks.
- Design, implement and maintain the database business requirements for physical loss reduction records.
- Monitor the impact of physical loss reduction implemented by the entities (JVA and water utilities) on the set targets at entity and national levels.
- Liaise with entities to improve their understanding and knowledge of physical water loss reduction methodologies and technologies.

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- In cooperation with the entities, work on identification and quantification of the constituent components of physical losses, that is leaks and breaks from the transmission and distribution mains, leakage on service connections and leaks and overflows from reservoirs.
 - Identify elements of physical loss reduction and management activities that would yield the maximum benefit for the entities.
 - Evaluate and report on a regular basis on physical loss reduction achieved by the entities.
 - Provide technical input to the design of dashboard with relevant KPIs on the physical loss components such as leak detection and reduction achieved by the entities
 - Liaise with the Data Analysis and Reporting Specialist at the Central NRW Unit in validating the data analysis results and addressing anomalies and inconsistencies.
 - Team with the Commercial Losses specialist to collaborate and comprehend efforts towards the NRW percentage levels reduction.
 - Supervise and guide the Central NRW staff in the execution of their duties and responsibilities relating to physical losses.
 - Improve the capacity and know-how of the relevant Central NRW Unit staff to implement the tasks in this job description through on-job trainings.
 - Hold regular seminars and workshops in conjunction with the Data Analysis and Reporting Specialist to transfer knowledge and skills to the Central NRW Unit staff and entities staff.

