



Mansour Obeidat

Amman, Jordan | Mobile: +962 798 019 282 email: obe.mansour97@gmail.com

LinkedIn: <https://www.linkedin.com/in/mansour-obeidat-msc-eng-b179351a1>

Education

Jordan University of Science and Technology, MSc Degree in Civil Engineering (Water Resources & Environmental Engineering)	Thesis: Development of Intensity-Duration-Frequency Curves for Wadi Moussa Watershed Under the most Used Climate Change Scenarios	Excellent Grade	2023
Yarmouk University, BA in Civil Engineering	Graduation Project: Analysis of Irbid-Amman Road Intersections.	Excellent Grade	2015

Work experience

Name of project:	USAID/Jordan Management Engineering Services Contract (MESC) - Phase II & III		
Year:	03/2023 - Present	Location:	Jordan
Client:	Engicon work for U.S. Agency for International Development (USAID)		
Main project features:	<p>Upon the big success of the Water Management Engineering Services Contract, the USAID Jordan decided to extend its support to the GoJ through expanding the geographic area, replicating the implementation measures, and upscaling the size of services to reduce the NRW and leakages across the Kingdom.</p> <p>The summary of the project activities included:</p> <ol style="list-style-type: none">1. Building NRW Units at Each Water Utility2. Performance-Based Contracting3. Conversion from Intermittent to Continuous Supply4. Advanced NRW Reduction Technologies5. Enhanced Capacity for NRW Measurement6. Boosting On-The-Job Training7. Modeling and Training for GIS Staff8. District Meters, Source Meters and PRVs Periodic Assessment9. Conduct Hydraulic Modeling10. Design review of the water networks included in the National Master Plan		

Positions held:	Monitoring, Evaluation, and Learning Specialist
Activities performed:	<ul style="list-style-type: none"> • Implement and manage the Monitoring, Evaluation and Learning processes of the MESC Programs. • Prepare activity MEL plans (AMELP); • Provide Jordanian water entities with subject matter expertise and technical consultation that are needed to meet the targeted indicators. • Define strategies and develop systems and tools to support the timely collection, processing and analysis of progress and performance indicators. • Assist in preparing technical reports in accordance with the donor’s (USAID) procedures and expectations. • Assist in preparing the Fixed Amount Reimbursement Agreements (FARAs) between water entities and USAID, which includes the quantifying of the different variables and parameters. • Playing a key role in the preparation of project deliverables, including the annual work plans, and the quarterly and annual reports. • Support the allocation of water distribution across Jordan, including national water conveyor (NCP) quantities. • Review and refine hydraulic models for Jordan’s water master plans – USAID Project. • Assist in auditing NRW reduction progress, aligning with Jordan’s national water strategy. • Analyze NRW data to assess energy savings and its impact on CO₂ emissions reduction. • Prepare narrative reports summarizing project performance, progress, and lessons learned. • Conduct data visualization for improved presentation and interpretation of NRW and hydraulic model findings. • Develop indicator tracking sheets, performance analysis reports, and actual vs. target assessments.

Name of project:	CAPEX Spend Efficiency Unit Operating Model		
Year:	10/2024 – 02/2025	Location:	KSA
Client:	NWC		
Main project features:	Led a comprehensive CAPEX Spend Efficiency project aimed at optimizing capital expenditure through structured assessment, benchmarking, and process improvements. Defined maturity model frameworks and quantitative efficiency metrics to establish performance baselines. Conducted gap analysis against industry benchmarks (local, regional, and global) to identify improvement opportunities. Developed actionable project charters with detailed cost and timeline estimates to drive efficiency gains. Redesigned the operating model, including organizational structure, role definitions, policies, and procedures, to sustain long-term CAPEX optimization. Tracked success through KPIs such as cost savings, process maturity progression, and project implementation rates. Collaborated with cross-functional teams to ensure alignment with business objectives and resource availability.		
Positions held:	Water Engineer		
Activities performed:	<ul style="list-style-type: none"> • Assist in producing detailed assessment and Capex spend efficiency gap analysis coupled with an executive summary view. This should be related to any gap in CAPEX spend efficiency requirements and not only what would be proposed to sit within the CAPEX spend efficiency department. • Participate in defining current and target state against each component of the maturity model and identify all related risks related to transition to the targeted state of the maturity model. • Conduct benchmarking against the pre-defined quantitative metrics with relevant leading entities. 		

Name of project:	Masterplan and Infrastructure Design for Wa'alia Environmental Park in Wa'ad Al Shamal		
Year:	07/2024 – 02/2025	Location:	KSA
Client:	MODON		
Main project features:	<p>Wa'alia City Park located to the east of Wa'alia Mountain is the heart of Wa'ad Al Shamaal Industrial City. There is a myriad of activities and spaces for the visitor and resident to enjoy and engage with others.</p> <p>The purpose of this task is to develop a study that analyses and addresses the planning, engineering and design issues involved with the development of Wa`alia Environmental Park in WA `ad AL Shamal offering modern living standards and high amenity facilities for the residents in WA `ad AL Shamal industrial city offering modern living standards and high amenity facilities for the residents,</p> <p>The scope will include preparing Master Plan & landscape, detailed design and IFC, with complete infrastructure works, including roads, utility networks, and utility facilities for the Project Site.</p>		
Positions held:	Storm Water Engineer		
Activities performed:	<ul style="list-style-type: none"> • Participated in the Preparation of the design of the drainage network • Participated in the preparation of the Hydrology Study • Reporting 		

Name of project:	Al-Mowaqqar and Al-Mafraq industrial use development - Nobles Industrial Cities		
Year:	01/2024 – 07/2024	Location:	Jordan
Client:	Nobles Properties		
Main project features:	<p>Al Mwaqqar and Al Mafraq are 2 sites to be developed to be industrial cities.</p> <p>The project comprises of two separate locations</p> <p>1- Al Mafraq Site</p> <p>The primary objective of the Al Mafraq site is to formulate a masterplan customized and designed to industrial land use. Within this master plan, the zoning will be categorized into Light Industry, Medium Industry, and Logistics. The overarching vision for this area is to establish it as a distinguished an industrial hub, serving as a prominent landmark in Al Mafraq.</p> <p>2- Al Muwaqqar Site</p> <p>The primary objective of the - Al Muwaqqar Site is to formulate a masterplan customized and designed to industrial land use. Within this master plan, the zoning will be categorized into Light Industry, Medium Industry, and Logistics.</p> <p>Activities Performed:</p> <p>Master planning concept design and design development in coordination with infrastructure requirements.</p> <p>ALMowaqqar = (465189 sq.m), ALMafraq = (1624763.158 sq.m)</p>		
Positions held:	Storm Water Engineer		
Activities performed:	<ul style="list-style-type: none"> • Determine flow direction (high and low points). • Draw stormwater layout and sub-catchments. • Design stormwater network with profiles using SewerGEMS software. 		

Name of project:	Master Planning of Logistic Area at Dammam 2		
Year:	11/2023 – 05/2024	Location:	KSA
Client:	MODON		
Main project features:	The Project is a cargo train handling area and containers yard (located within the 2nd Industrial City in Dammam – Kingdom of Saudi Arabia on a block of land allocated for the Project with an area of 1.0 km ² . The scope will include preparing Master Plan, detailed design and IFC, with complete infrastructure works, including roads, utility networks, and utility facilities for the Project Site.		
Positions held:	Junior Storm Water Engineer		
Activities performed:	<ul style="list-style-type: none"> • Participated in the Preparation of the design of the drainage network • Participated in the preparation of the Hydrology Study • Reporting 		

Name of project:	Labor-Intensive Maintenance of Public Schools in Jordan		
Year:	Dec 2022 - Feb 2023	Location:	Jordan
Client:	Salsabela Construction Contracting		
Main project features:	Implemented by UNOPS, funded by BMZ/KfW aimed at maintaining and cleaning public schools in Jordan, supervising both Jordanian and Syrian refugee workers, contributing to community development and infrastructure improvement		
Positions held:	Site Engineer		
Activities performed:	<ul style="list-style-type: none"> • Supervised construction projects, ensuring compliance with design specifications and quality standards. • Managed hydraulic structures and water infrastructure installations. • Assisted in quantity surveying and cost estimation. • Manage operation at site with reference to project priorities. • Set up weekly plan for interventions, monitoring the time scheduled. • Follow up with site engineer in United Nations Office of Project Services (UNOPS). 		

Year:	Sep 2021 - Mar 2022	Location:	Jordan
Client:	Jordan University of Science and Technology		
Positions held:	Teaching Assistant		
Activities performed:	<ul style="list-style-type: none"> • Assist professors in conducting lectures, preparing materials, and clarifying course content to students. • Proctor exams and ensure adherence to academic integrity and university regulations. • Grade quizzes and assignments and provide feedback to students. • Guide and assist students in writing reports. 		

Certificate

- **ISO 14001:2015 - EMS Lead Auditor** - Certificated by CQI | IRCA Training Academy: SGS

Key Skills

- WaterGEMS
- SewerGEMS
- WMS
- HechMS
- HecRAS
- Civil 3D
- AutoCAD
- MS Project
- Water Evaluation and Planning System – WEAP
- ArcMap
- PAVER – Pavement Maintenance Software

Other Trainings

- Water Networks Design
- Stormwater Design
- Quantity Surveying
- Time Management
- Risk Management
- Developing Activity MEL Plans (AMELPs) and Documenting Performance Indicator Reference Sheets (PIRS)
- Developing & Selecting Performance Indicators
- Theory of Change (TOC)
- Preparing Data Quality Assessment (DQA)
- Microsoft PowerBI
- Data Story Telling and Data Visualization