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**TANZANIA MAJI NA USAFI WA
MAZINGIRA ACTIVITY (MUM)
QUARTERLY REPORT, Q2 FY 2022**
January 1 to March 31, 2022

April 2022

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This publication was produced for review by the United States Agency for International Development by Tetra Tech, through the Water and Development IDIQ (Contract No. GS00Q14OADI38 / 72062121N00001 and Project No. REQ-621-21-000012 under the One Acquisition Solution for Integrated Services (OASIS) contract, Maji na Usafi wa Mazingira- MUM

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USAID/TANZANIA MAJI NA USAFI WA MAZINGIRA (MUM)

MUM QUARTERLY REPORT NO. 2- Q2 FY 2022

JANUARY 01 – MARCH 31, 2022

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ACRONYMS AND ABBREVIATIONS

BWB	Basin Water Board
CAG	Chief Auditor General
CBWSO	Community Based Water Supply Organization
CDP	Capacity Development Plan
CMSA	Capital Markets and Securities Authority
COVID 19	Corona Virus Disease (2019)
CWIS	City Wide Inclusive Sanitation
DCOP OPS	Deputy Chief of Party -Operations
DDL	Development Data Library
DEC	Development Experience Clearing House
DPG	Development Partners' Group
DP	Development Partners
EAC	East African Community
EMMP	Environmental Management and Monitoring Plan
ERB	Engineers Registration Board
ESS	Enterprise Support Specialist
EWURA	Energy and Water Utilities Regulatory Authority
FIs	Financial/Financing Institutions
FPPS	Financial Planning and Performance Specialist
FY	Financial Year
GIYE	Gender Integration and Youth Engagement
GoT	Government of Tanzania
GUC	Grants Under Contract
IDIQ	Indefinite Delivery, Indefinite Quantity
IWRMD	Integrated Water Resources Management and Development
KIDH	Kibong'oto Infectious Diseases Hospital
LGAs	Local Government Authorities
M&E	Monitoring and Evaluation
Majis	Maji Information System
MBDS	Market Business Development Specialist
MEL	Monitoring and Evaluation
MoFP	Ministry of Finance and Planning
MoHCDGEC	Ministry of Health, Community Development, Gender Elderly
MOU	Memorandum of Understanding
MOW	Ministry of Water
MUM	Maji na Usafi wa Mazingira
NAWAPO	National Water Policy
NGO	Non-Governmental Organization
NIMR	National Institute for Medical Research
NSMIS	National Sanitation Management Information System
NWF	National Water Fund
O&M	Operation and Maintenance

OASIS	One Acquisition Solution for Integrated Services
ODF	Open Defecation Free
OPI	Organization Performance Improvement
PA	Performance Agreement
PAC	Performance Assessment Contract
PAF	Performance Assessment Framework
PO-RALG	President's Office- Regional Administration and Local Governments
POS	Point of Sales
Q	Quarter
RSDMS	RUWASA Service Delivery Management System
RUWASA	Rural Water Supply Authority
SADC	Southern African Development Corridor
SBCC	Sanitation Behavior Change Communication
SO	Sub Objective
SoW	Statement of Work
STTA	Short Term Technical Assistance
TAWASANET	Tanzania Water and Sanitation Network
ToR	Terms of Reference
US – DFC	United States' Development Finance Corporation
USAID	United States Agency for International Development
WARIDI	Water Resources Integration Development Initiative
WASH	Water, Sanitation and Hygiene
WQAP	Water Quality Assessment Plan
WSSAs	Water Supply and Sanitation Authorities
WUAs	Water User Associations
Y	Year
YES	Youth Engagement Strategy

I.0 ACTIVITY OVERVIEW/SUMMARY

Activity Name:	Maji na Usafi wa Mazingira (MUM)
Activity Start Date:	August 23, 2021
Activity End Date:	August 22, 2026
Name of Prime Implementing Partner:	Tetra Tech ARD INC
Contract Number:	Contract No. GS00Q14OADUI38 / 72062121N00001 and Project No. REQ-621-21-000012
Name of Subcontractors:	FSG, WISE Futures, IRIS Group
Major Counterpart Organizations	Ministry of Water, Ministry of Health, PO-RALG, RUWASA Regional and District offices, Rufiji, Rukwa and Nyasa Basin Water Boards and 10 Districts Authorities within the three Basins
Geographic Coverage	10 Districts in 4 Regions (of Morogoro, Iringa, Rukwa and Njombe) in Rufiji River, Lake Rukwa and Lake Nyasa Basins
Reporting Period:	Quarter 2, FY 2022: January 1 – March 31, 2022

EXECUTIVE SUMMARY

The USAID/Tanzania Maji na Usafi wa Mazingira (MUM), Contract No. GS00Q14OADUI38 / 72062121N00001 and Project No. REQ-621-21-000012 under the One Acquisition Solution for Integrated Services (OASIS) Indefinite Delivery, Indefinite Quantity (IDIQ) contract is a five-year (August 2021 – August 2026) Activity funded by the U.S. Agency for International Development (USAID). The purpose of this activity is to expand and sustain the provision and governance of WASH services. Tetra Tech is the prime contractor for MUM and has engaged subcontractors FSG, WISE Futures and Iris Group.

The MUM activity is implemented by Tetra Tech in ten selected districts of Morogoro, Iringa, Rukwa and Njombe Regions within the Rufiji River, Lake Nyasa and Lake Rukwa basins, to:

- **Sub-Objective 1:** Increase access to sustainable water services managed by the Rural Water Supply and Sanitation Agency and urban water utilities
- **Sub-Objective 2:** Increase access to finance for water, sanitation, and hygiene
- **Sub-Objective 3:** Strengthen the market for sanitation and hygiene products and Services
- **Sub-Objective 4:** Strengthen basin water boards and water user associations to enhance stewardship of water resources

In the former USAID/WARIDI supported districts of Kilombero and Kilosa in Morogoro Region and Mufindi, Kilolo and Iringa in Iringa Region, MUM works with RUWASA, Local Government Authorities (in the respective districts), Community-Based Water Supply organizations (CBWSOs) and the private sector to maintain and advance:

- progress made towards water supply services
- access to basic sanitation status
- ODF status of communities achieved because of previous USAID interventions

In five new districts of Kalambo, Nkasi, and Sumbawanga in Rukwa Region and Ludewa and Makete in Njombe Region, MUM will implement targeted activities where there is greater need for initial infrastructure investments.

This is the second Quarterly Report for the MUM Activity, for Q2 FY 2022 covering the period January 1, 2022, to March 31, 2022. Highlights of major activities and deliverables carried out in the quarter include:

Sub-Objective 1: Increase access to sustainable water services managed by the Rural Water Supply and Sanitation Agency and urban water utilities

MUM continued to implement planned activities as per approved annual work plan. The following are key achievements in Q2 FY2022.

- MUM submitted the following deliverables to USAID: i) **Water Infrastructure Scoping and Selection Criteria Report** and ii) **RUWASA Capacity Building Report**. The two deliverables were submitted ahead of schedule by eight days and five days respectively and were reviewed and approved by USAID in February 2022.
- As required by the task order, MUM worked in collaboration with RUWASA and WSSAs to develop the WASH infrastructure scoping and selection criteria. During the process, MUM carried out field level orientation and training to **14 RUWASA staff** at HQ (3), Regional level (2) and district level (9) on the application and use of selection criteria in initial screening of potential projects to be supported under MUM. This process aims to improve the capacity of RUWASA and WSSAs in infrastructure planning.

- MUM completed a field level assessment of **46 water schemes and 21 CBWSOs** in Kilosa (5 CBWSOs, 17 schemes), Kilombero (5, 16), Kilolo (6, 8), Iringa (3, 3) and Mufindi (2 CBWSOs, 2 schemes). The analysis of collected data/information is in progress with the aim to produce CBWSO baseline performance report in May 2022. MUM will use the assessment results to identify and prioritize CBWSOs that will be supported to test service delivery models that aim to improve O&M arrangement, sustain and or improving service levels in respective districts. It is important to note that during the assessment, MUM oriented and **trained 4 RUWASA staff** at district level on the application and use of water scheme and CBWSO assessment tools, building on the existing data collection tools in the RUWASA Service Delivery Management System (RSDMS). This process aims to improve the capacity of RUWASA in monitoring and reporting of CBWSOs and Water Schemes through the RSDMS.
- MUM worked closely with RUWASA to begin identification of new water infrastructure projects. During the reporting period, MUM identified and reviewed **40 water projects** with the potential to serve **327,350 people across 105 villages** in the five districts of Nkasi (12 villages), Kalambo (25), Sumbawanga (47), Makete (5) and Ludewa (16 villages) . Initial cost estimates (assuming US\$40 per beneficiary) indicates that these projects would cost around **US\$13 million**. Identification of water infrastructure projects for Namanyere, Ludewa and Makete towns WSSAs is in progress, with the aim to conclude the water infrastructure scoping exercise in July 2022. The final list of projects to be implemented in each district will depend on the final outcome of the scoping study which will prioritize the projects as per selection criteria already approved by USAID

In Q3 FY 2022, the focus will be to produce the CBWSOs baseline performance report which will contribute to MUM baseline report. This will also inform the identification and prioritization of CBWSOs that will be supported to test service delivery models to improve operation and maintenance (O&M) arrangements and sustain and/or improve service levels in the WARIDI legacy districts. Alongside this, SO1 will work closely with SO4 team to complete water infrastructure scoping exercises in Rukwa and Njombe regions. SO1 team will work closely with RUWASA, WSSAs and LGAs to begin preparation of WASH master plans for Mufindi and Nkasi districts (rural) and Namanyere and Mafinga towns (urban). The development of Mafinga and Namanyere towns WASH master plans will leverage on data generated through City Wide Inclusive Sanitation (CWIS) planning process implemented under SO3.

Sub-Objective 2: Increase access to finance for water, sanitation, and hygiene

MUM continued to engage with key stakeholders and actors (Development Partners, Financial Institutions (FIs) and Government Institutions) to explore opportunities that can be utilized by MUM to unlock WASH sector financing and investments. A key component was closely monitoring investment and financing initiatives taking place in WASH sectors through other actors including the planned construction of the US\$215 million Kidunda and US\$132 million Farkwa Dams, US\$500 million investments in small-towns WSSAs project (supported through the Government of India), and an Alternative Project Financing initiative for social projects (the new initiative established in February 2022 by the Ministry of Finance and Planning (MoFP) in collaboration with the United Nations Capital Development Fund (UNCDF). The objective of following and engaging these initiatives is to ensure that SO2 interventions are aligned with GoT priorities, policies, and strategies consistence with MUM's approach of strengthening government systems.

The SO2 team also reviewed the literature of various aspects related to WASH financing and engaged financial institutions to solicit their buy-in and participation in MUM's planned WASH financing and investment landscape study which will commence in April. The study will collate evidence on the status of WASH financing in Tanzania and recommend solutions to tackle operational, policy, legal, and institutional bottlenecks in mobilizing public and private sector finance in the TZ WASH sector.

Summary of key achievements:

- Engaged and held meetings with eight (8) FIs in February 2022, Dares Salaam: CRDB Bank Plc, NMB Bank Plc, NBC Bank, Tanzania Commercial Bank (TCB), Capital Markets and Securities Authority (CMSA), EXIM Bank, YETU Microfinance Bank Plc, and Equity Bank. This process helped MUM to understand challenges facing FIs investing in the water sector and to solicit their buy-in and participation in MUM's planned WASH financing and investment landscape study.
- Signed a Memorandum of Understanding (MoU) with an INGO, Water.org. This will enable MUM to leverage skills, partnerships, and networks created by Water.org (e.g., through Equity Bank) in design and deployment of small, affordable water and sanitation loans to households living in poverty as well as larger, corporate loans to WSSAs in MUM supported districts.
- Engaged and held two meetings with US Development Finance Corporation (US-DFC) to discuss the feasibility to establish a WASH credit guarantee scheme in Tanzania and to understand the preconditions and support that could be provided by the US-DFC to eligible FIs to establish a WASH credit guarantee scheme in Tanzania. It was clarified by US-DFC that the current health credit guarantee transaction (signed in 2021) with CRDB Bank Plc won't be a fit for the WASH sector, but the new transaction (expected to be signed in 2022) could have the capacity for WASH lending although the Bank (CRDB Bank Plc) and will have the final decision considering the objectives of the transaction. MUM plans are to closely follow-up with CRDB Bank Plc to explore opportunities that can be utilized by the WASH sector to access financing through the new credit guarantee transaction. Meetings with CRDB Bank Plc have started as part of the WASH financing and investment landscape study led by short-term consultants for MUM. MUM has also started to liaise with the Home Office to facilitate engaging US-DFC through USAID Tanzania to review their pre-conditions for supporting a loan or portfolio guarantee in consistence with Tetra tech technical proposal (Task 2.2).

In Q3 FY 2022, the focus will be to complete the WASH financing and investment landscape study. The findings and recommendations from the study will be discussed in the stakeholder workshop in June 2022. Other SO2 priorities in Q3 FY 2022 include:

- Collaborate with SO1 team to launch Technical and Administrative support to TAWASANET.
- Collaborate with SO1 team to carryout performance/baseline assessment of Ifakara, Mafinga, Namanyere, Ludewa, and Makete WSSAs.
- Collaborate with SO3 team to assess baseline capacity of WASH entrepreneurs and SMEs in relation to revenue and profitability and access to finance.
- Engage the National Water Fund (NWF), RUWASA, BWBS, and WSSAs to implement various strategies to enhance their capacity to mobilize public and private WASH sector finance, part of MUM's broader strategy to mobilize US\$50,000 WASH financing in Y1.

Sub-Objective 3: Strengthen the market for sanitation and hygiene products and Services

MUM continued to implement approved work plan activities. Key actions included field level data collection for the Sanitation and Hygiene Market Assessment (SHMA), identifying WASH related entrepreneurs and Micro, Small and Medium Enterprises (MSMEs), and engaging the GoT to learn on the strategies adopted in the implementation of the National Sanitation Campaign.

Summary of key achievements:

- Submitted the draft **Sanitation and Hygiene Market Assessment (SHMA) report** to USAID in February. However, due to a delayed start to data collection (caused by ethical clearance requirements from the National Institute for Medical Research-NIMR) the draft report included only findings of the literature review and expert interviews with key sanitation practitioners in Tanzania.
- Completed field level data collection for the SHMA. The SHMA is led by FSG with WISE Futures supporting the field level data collection. Data collection was carried out by 32 enumerators from a sample of 1,200 households across the four MUM regions (Morogoro-555, Iringa-235, Njombe-172, and Rukwa-238), data collection was divided into three segments as follows, 400 respondents specifically for MHH, 400 households in rural setup and 400 respondents for small towns/ urban, detailed sample distribution was as follows: Iringa region (Urban- 86, rural- 72, MHH- 77), Morogoro (Urban- 181, rural- 188, MHH- 186), Njombe (urban- 59, rural-56, MHH-57), Rukwa (urban-74, rural-84, MHH-80). Respondents' distribution proportion was based on the DHS population data. Data analysis and reporting is in progress and will be integrated into the final SHMA report.
- Identified 67 WASH entrepreneurs and 56 SMEs across the 10 MUM supported districts. About 46% and 51% of the identified entrepreneurs and enterprises are led by women and youth respectively. This responds to the need for youth engagement and women empowerment by developing their business skills and exposing them to capital to enable them to engage in private sector business opportunities and decision-making processes as required by the MUM task order. Engaged and held meetings with nine representatives from TAWASANET, Project CLEAR, ministries of health and education, and local government to discuss and learn on the strategies adopted in the implementation of the National Sanitation Campaign. Among key take-aways were a request from the MoH to support digitization of NSMIS to improve data quality, MUM to strategically partner with Project CLEAR in bridging the NSC and engage LIXIL strategically to enhance supply chain of SATO products.

In Q3 FY 2022, the focus of SO3 will be to complete the SHMA study and submit the report to USAID in April and then organize a stakeholder workshop with Government of Tanzania consultative team to validate the findings and deliberate on sanitation and hygiene marketing strategy and supporting business models that accelerate sales of sanitation and hygiene products and services in MUM supported districts.

It is important to note that the SHMA study will provide a landscape of markets for sanitation and hygiene products in MUM regions, including key barriers/drivers. As per the SO3 workplan, following the submission of the SHMA, MUM (through FSG) will carry out deep dive analysis on sanitation containment to understand: (i) household member needs and aspirations (for the identified customer segments); and (ii) existing sanitation entrepreneur business models and financials. Specifically, between May and July 2022, MUM will understand segment-wise buying processes of customers, delve into further details of the delivery model, understand drivers of toilet costs, and understand viability of containment entrepreneurs. The findings from the deep dive analysis will support the SO3 team in designing market interventions and pro-poor enterprise models for containment (due in August 2022).

For example, developing appropriate toilet products is a common intervention area. The deep dive analysis will directly inform whether this is a relevant intervention area for MUM and what the intervention should look like. To illustrate:

- Understanding customer buying processes will help MUM determine whether households find available toilet products to be desirable and what features they desire.

- Understanding the existing delivery model will allow MUM to identify the sanitation materials and services available to households, and the potential impact this has on available toilet options.
- Understanding drivers of toilet costs will help MUM understand the potential for designing toilets that are affordable and desirable.

In addition to the deep dive analysis, inputs from stakeholder consultations (planned to take place in July 2022) will feed into intervention design by helping MUM to prioritize customer segments, sharpen focus on critical barriers, and identify further leverage points for interventions.

Other SO3 priorities in Q3 FY 2022 include:

- Collaborate with SO1 to launch City-Wide Inclusive Sanitation (CWIS) process in Namanyere and Mafinga towns
- Collaborate with SO2 team to assess baseline capacity of identified WASH entrepreneurs and SMEs in relation to revenue and profitability and access to finance.
- Engage market actors, innovators, entrepreneurs, and enterprises to design and prototype sanitation products and services product for the poorest residents.
- Work in partnership with the ministry of health and Project CLEAR to develop the SBCC strategy for the MUM's supported district. This will help MUM to prototype the SBCC in Nkasi and Kalambo Districts in Q4 FY 2022.
- Collaborate with MEL team to carryout baseline data verification for indicator 3.1 (Number of people gaining access to a basic sanitation service) and 3.2 (Number of people gaining access to safely managed sanitation services) in the 10 MUM supported districts

Sub-Objective 4: Strengthen basin water boards and water user associations to enhance stewardship of water resources

MUM continued to implement approved work plan activities. A key action was completing the BWB baseline capacity assessment and capacity development plan for Rufiji, Lake Rukwa, and Lake Nyasa Basins, key inputs to inform MUM's technical assistance approach to improve operational efficiency.

Summary of key achievements.

- MUM submitted the Basin Water Board Capacity Building Plan for Rufiji, Lake Rukwa and Lake Nyasa Basins one day ahead of schedule. USAID provided comments to the report in early March and MUM organized a stakeholder workshop on 30-31 March to validate the findings and prioritize capacity building interventions. Final validated BWBs capacity building plans will be submitted to USAID in April and will form the basis for MUM's technical assistance program to the three BWBs.
- During the BWB assessment, MUM oriented and trained 49 BWB staff: 11 participants in Rukwa (8 male and 3 female), 10 participants in Nyasa (8 male and 2 female), and 28 participants in Rufiji (19 male and 9 female) on the application and use of BWB capacity assessment tools building on existing tools used by the Ministry of Water (Performance Assessment Framework and Performance Assessment Contract. This process aims to standardize the use of the existing tools and strengthen the capacity of MoW and BWBs in using them when evaluating performance.

- Developed and validated capacity building plans for Rufiji, Lake Rukwa and Lake Nyasa Basins through a stakeholder workshop on March 30-3, which involved 28 representatives (23 male and 5 female) from MoW, USAID, BWBs, RUWASA, WSSAs, WUAs and CBWSOs.

During Q3 FY 2022, the focus will be to finalize the BWB capacity building plans and submit to USAID, and to work closely with SOI team to complete water infrastructure scoping exercise in Rukwa and Njombe regions and identify priority catchment areas for water resources management interventions in Lake Rukwa and Lake Nyasa Basins.

Cross-cutting Themes

Communication

Continued efforts to build internal capacity to communicate effectively with USAID and external stakeholders. The Communication Specialist provided guidance on producing quality reports and conducted training on story writing techniques and photo taking skills and continued developing a mailing list indicating names and contact address of partners. The mailing list will be used for sharing communications products to be developed throughout the implementation period of MUM activities.

Implemented communication activities aimed at promoting the USAID/MUM brand amongst key stakeholders, submitted the Activity Fact Sheet, both English and Swahili versions to COR, and submitted the revised **MUM Branding and Marking Plan** to USAID in late January and received approval in February.

Monitoring, Evaluation and Learning (MEL)

Prepared an activity **Baseline Report** and submitted the draft report to USAID on February 18. In completing this report, the MEL team conducted an in-depth review of indicators and proposed a reduction from 24 to 21 indicators and revisions to several of the remaining indicators. USAID provided comments to the Baseline Report in early March and MUM will seek to resolve indicator changes through discussion with USAID in Q3.

The MEL team trained MUM technical staff on MEL issues including general terms for monitoring, evaluation and learning, elements of theory of change, MUM theory of change, an introduction to project indicators, and the types of activities that will contribute to achievement of indicator targets. Manuals were developed to guide the training and were provided to MUM staff for reference. During the GIYE training, the MEL manager trained MUM staff on GIYE-related indicators and the types of information that will be incorporated in the data collection tools to ensure that the project is collecting and reporting data with GIYE sensitive information.

In Q3 FY 2022, MUM will continue to review the project indicators, develop activity monitoring/evaluation tools, and begin to verify baseline data from the RSDMS, Maji IS and NSIMS database. This will help MUM to revised baseline report and MEL plan for submission to USAID in September 2022. Table I below provide an overview of summary of results to date.

Gender Integration and Youth Engagement (GIYE)

Developed a youth and gender strategy to inform integration of gender and youth activities and focused on laying the groundwork for systematic gender integration and youth engagement activities across the MUM project, including youth and gender assessments to guide and map future GIYE activities, as well as technical support to SO teams in developing their startup activities. Specifically, the GIYE team carried out the Gender and Youth Assessment which generated adequate information to inform the development of Youth Engagement Strategy (YES). The final YES will be submitted to USAID in April.

Supported the SOI team with development of data collection tools to assess water schemes and CBWSOs in the legacy WARIDI districts, and reviewed RUWASA and Basin Water Board Capacity

Development Plans and provided inputs to strengthen Gender and Youth aspects under SO4. Facilitated a GIYE Training to MUM staff on March 10-11: day 1 was for all MUM staff (22 men, 4 women) and day 2 focused on the Technical Team (16 men, 3 women).

In Q3FY22 GIYE will work closely with SO2 and SO3 teams to carryout baseline capacity assessment of identified entrepreneurs and enterprises, and ensure GIYE aspects are integrated into the process, provide support to SO1 in the water infrastructure scoping exercise, and work closely with MEL team to ensure data collection tools consider GIYE aspects.

Project Management

Staffing

By end of Q2, employment contracts have been offered to 32 staff, including the following 17 positions in the last quarter: Administrative Manager, Basin Water Board Coordinator for Lake Rukwa, DCOP-Operations, DCOP-Technical, four Drivers, Enterprise Support Specialist, Financial Planning and Performance Specialist, Grants Manager, two Lead Engineers, two Marketing Business Development Specialists, Organizational Performance Improvement Specialist, and Social Behavior Change Communications Specialist. Recruitment of remaining candidates were at various advanced stages of completion with most expected to join the MUM project in Q3 FY 2022, including replacement Water Resource Management Team Lead, Grants Specialist, MEL Specialist, and Accountant. MUM also accepted the resignation of the Office and Logistics Assistant in March, and the position will be re-filled in April.

The DCOP OPS staffer arrived from Washington DC in January and application for her work permit remains on hold pending finalization of the MOU by the MOW. A draft MOU was submitted to the MOW in early October 2021 and by the end of March, MOW informed MUM that the final document had been recommended to the Permanent Secretary for signature. MUM awaits a call from MOW to countersign the agreement.

Offices and Logistics

By the end of Q2, established a fully operational secondary office in Sumbawanga, in addition to the main office in Iringa. In Q3 FY2022, the team will procure remaining computer accessories and refine IT support services from Tetra Tech home office and a local vendor. In addition, two staff have mobilized to their permanent locations: the Lake Rukwa Basin Coordinator embedded within the Lake Rukwa Basin Water Board Office in Mbeya; and a Lead Engineer working remotely in Njombe.

MUM acquired seven vehicles with two more anticipated to be delivered in Q3. Two drivers have been assigned to Sumbawanga, one to Njombe, and the remainder are in Iringa. Each driver has been assigned a vehicle and will be responsible for ensuring regular maintenance and upkeep.

Grants Management

MUM finalized the MUM Grants Under Contract (GUC) Manual in mid-March and onboarded the Grants Manager on March 1. Recruitment for Grants Specialist led by Grants Manager is underway, with the interview completed and negotiation with selected candidate underway with expected

starting date in early May. The Grants Manager and SOI team-initiated preparation of a solicitation to support RUWASA through an in-kind grant.

Environmental Management and Compliance

MUM worked on USAID Tanzania comments on the draft Environmental Mitigation and Monitoring Plan (EMMP). MUM also drafted a Water Quality Assurance Plan (WQAP), which will be submitted to USAID in Q3 FY 2022.

On 29 March, all MUM technical staff received an orientation from USAID Tanzania on environmental compliance. The training was delivered by Mr. Dosteus Lopa, the Mission Environmental Officer (MEO).

Coordination, Collaboration, and Information Sharing

- MUM participated in several coordination, collaboration and information sharing activities including the celebration of World Water Day (WWD) and launch of WSSAs performance report by EWURA in March 2022. MUM also initiated official collaboration with various partners including PROJECT CLEAR, Engineers Registration Board (ERB), and EWURA, and signed an MoU with an INGO water.org. The following are the main take-aways from our participation in various coordination, collaboration and information sharing events; **Loan scheme to WSSAs**. During the WWD event, the government indicated the plan to establish a revolving fund with low interest rate to WSSAs such as DAWASA. This commendable initiative as it will help the government to better target the limited public financial resources to low capacitated WSSA. In the next quarter MUM will work with the National Water Fund (NWF) to fast track establish the loan scheme to WSSAs.
- **Contribution to finalization of National Water Policy and WSDP III:** During the WWD event, the government indicated the plan to finalize the National Water Policy and design of WSDP III by June 2022. In the next quarter MUM will actively participate in Joint Water Sector Review and Thematic Working Group to provide technical inputs on key areas including financing, investments in small town utilities, City Wide Inclusive Sanitation Planning, and capacity building to BWBs and RUWASA.
- **Support to the national sanitation campaign:** During the engagement with the Ministry of Health and PROJECT CLEAR gaps were identify on quality of data, ensure continuity of the campaign and the need to strengthen supply chain of sanitation products. MUM will support digitization of NSMIS to improve data quality and will strategically partner with Project CLEAR in bridging the national sanitation campaign. As part of the engagement with private sector, MUM will engage LIXIL to strategically to enhance supply chain of SATO products in MUM targeted districts.
- **GoT priority projects in the water sector.** During the WWD event it was noted that the Government has begun the implementation of the US\$215 million Kidunda and US\$132 million Farkwa Dams, the US\$500 million investments in small-towns WSSAs project (supported through the Government of India). In the next quarter, as part of the ongoing WASH financing and investment landscape study, MUM will closely work with MoW to understand the financing framework of these projects and provide recommendations of best way to attract private finance to co-finance these projects.

TABLE I SUMMARY OF RESULTS TO DATE¹

Indicators <i>Reporting Frequency</i> (Q = Quarterly SA = Semi-annually A = Annually)	YI (FY 2021/22) Annual Target	Achievements				Comments/reasons	Percent Achieved YI (%)	LOA Target	LOA Achievements to Date	LOA Percent Achieved (%)
		Q1	Q2	Q3	Q4					
PURPOSE/GOAL LEVEL: Expand and sustain the provision and governance of water, sanitation, and hygiene (WASH) services										
0.1 Number of water and sanitation sector institutions strengthened to manage water resources or improve water supply and sanitation services as a result of United States Government (USG) assistance (HL.8.3-3) [OUTPUT]	0	NA	NA			No activity that directly contributes to this indicator has been implemented. The project is working on identification of capacity gaps to inform the development of capacity building plans. We will begin to report data for this indicator in Y2.		64		

¹ This Quarterly Report is reporting against project performance indicators included in the DRAFT MEL Plan submitted to USAID in November 2021 and not yet approved. There are no results to be reported during this period. This table will be revised when the Baseline and MELP have been finalized and approved by USAID

Indicators <i>Reporting Frequency</i> (Q = Quarterly SA = Semi-annually A = Annually)	Y1 (FY 2021/22) Annual Target	Achievements				Comments/reasons	Percent Achieved Y1 (%)	LOA Target	LOA Achievements to Date	LOA Percent Achieved (%)
		Q1	Q2	Q3	Q4					
0.2 Regular evidence-based dialogue events between Government of Tanzania (GoT) and civil society organizations (Custom) [OUTPUT]	4	NA	NA			No evidence-based dialogue event that has been conducted for this reporting period.		60		
0.3 Number of women and youth who become WASH entrepreneurs as a result of USG assistance (Custom) [OUTCOME]	0	NA	NA			MUM has identified 67 entrepreneurs who will be supported to become WASH. We will begin to report data for this indicator in Y2		20		
0.4 Number of persons trained with USG assistance to advance outcomes consistent with gender equality or female empowerment through their roles in public or private sector institutions or organizations (GNDR-8) [OUTPUT]	30	NA	NA			In this reporting period no person has been trained in their roles as an actor within public or private sector institutions or organizations.		830		

Indicators <i>Reporting Frequency</i> (Q = Quarterly SA = Semi-annually A = Annually)	Y1 (FY 2021/22) Annual Target	Achievements				Comments/reasons	Percent Achieved Y1 (%)	LOA Target	LOA Achieve ments to Date	LOA Percent Achieve d (%)
		Q1	Q2	Q3	Q4					
0.5 Number of WASH service providers assisted with technical skills, business capacity to access finance (Custom) [OUTPUT]	30	NA	NA			MUM has identified 56 enterprises who will be supported with technical skills, business capacity to access finance.		200		
IR/Sub-Objective 1: Increase access to sustainable water services managed by the Rural Water Supply and Sanitation Agency and urban water utilities										
1.1 Number of people gaining access to basic drinking water services (HL8.1-1) [OUTCOME]	0	NA	NA			MUM is in the process of developing scoping report for water schemes to be supported		220,000		
1.2 Number of people who will be served by approved WatSan infrastructure designs (Custom) [OUTCOME]		NA	NA			MUM is in the process of developing scoping report for water schemes to be supported. Design will begin in YR2		600,000		

Indicators <i>Reporting Frequency</i> (Q = Quarterly SA = Semi-annually A = Annually)	Y1 (FY 2021/22) Annual Target	Achievements				Comments/reasons	Percent Achieved Y1 (%)	LOA Target	LOA Achievements to Date	LOA Percent Achieved (%)
		Q1	Q2	Q3	Q4					
1.3 Number of people receiving improved service quality from an existing basic or safely managed drinking water service as a result of USG assistance (HL.8.1-3) [OUTCOME]	0	NA	NA			MUM is in the process of developing scoping report for water schemes to be supported		170,000		
1.4 Number of water service providers (WSPs) that reduce operational downtime in supported districts (Custom) [OUTCOME]	5	NA	NA			MUM has completed baseline assessment of 21 WSPs (CBWSOs). The project will prioritize 5 WSPs to be supported in Y1		90		
1.5 Number of WSPs with improved cost recovery in supported districts (Custom) [OUTCOME]	5	NA	NA			MUM has completed baseline assessment of 21 WSPs (CBWSOs). The project will prioritize 5 WSPs to be supported in Y1		135		
1.6 Number of supported WSSAs that qualify for a higher utility classification (Custom) [OUTCOME]	0	NA	NA			MUM has not yet implemented activities that directly contributes to this indicator		5		

Indicators <i>Reporting Frequency</i> (Q = Quarterly SA = Semi-annually A = Annually)	YI (FY 2021/22) Annual Target	Achievements				Comments/reasons	Percent Achieved YI (%)	LOA Target	LOA Achievements to Date	LOA Percent Achieved (%)
		Q1	Q2	Q3	Q4					
IR/Sub-Objective 2: Increase access to finance for water, sanitation, and hygiene										
2.1 Number of small and medium enterprises accessing finance from financial institutions (Custom) [OUTCOME]	0	NA	NA			MUM has identified 56 enterprises who will be supported with technical skills, business capacity to access finance.		65		
2.2 Number of utilities and RUWASA districts developing creditworthy proposals that meet the financing criteria of the USDFC and/or other financing institutions (Custom) [OUTCOME]	0	NA	NA			MUM held two meetings with USDFC to discuss the possibility to establish WASH credit guarantee scheme in Tanzania.		15		
2.3 Percent increase in the financial resources allocated for Basin Water Boards (Custom) [OUTCOME]	0%	NA	NA			MUM carried out baseline capacity assessment of Rufiji, Nyasa, and Rukwa basins.		30%		
2.4 Value of new funding mobilized to the water and sanitation sectors as a result of USG assistance (HL.8.4-1) [OUTCOME]	0.05 M					MUM has not yet implemented activities that directly contributes to this indicator.		15.05 M		

IR/Sub-Objective 3: Strengthen the market for sanitation and hygiene products and services										
3.1 Number of people gaining access to a basic sanitation service (HL.8.2-2) [OUTCOME]	0	NA	NA			MUM has not yet implemented activities that directly contributes to this indicator.		240,000		
3.2 Number of people gaining access to safely managed sanitation services as a result of USG assistance (HL.8.2-3) [OUTCOME]	0	NA	NA			MUM has not yet implemented activities that directly contributes to this indicator.		110,000		
3.3 Percent change in the population using improved sanitation facilities in the household (Custom) [OUTCOME]	0%	NA	NA			MUM has not yet implemented activities that directly contributes to this indicator.		29%		
3.4 Number of supported sanitation enterprises that increase revenue and/or profitability (Custom) [OUTCOME]	0	NA	NA			MUM has identified 56 enterprises who will be supported to increase revenue and/or profitability.		40		

IR/Sub-Objective 4: Strengthening basin water boards and water user associations to enhance stewardship of water resources

<p>4.1 Number of institutions with improved capacity to assess or address climate change risks supported by USG assistance (EG.11-2) [OUTCOME]</p>	0	NA	NA			MUM carried out baseline capacity assessment of Rufiji, Nyasa, and Rukwa basins.		154		
<p>4.2 Percent increase in BWB and WUA revenues from water user fees (Custom) [OUTCOME]</p>	0%	NA	NA			MUM carried out baseline capacity assessment of Rufiji, Nyasa, and Rukwa basins.		20%		
<p>4.3 Percent increase in BWB and WUA operating and implementation budgets (Custom) [OUTCOME]</p>	0%	NA	NA			MUM carried out baseline capacity assessment of Rufiji, Nyasa, and Rukwa basins.		15%		
<p>4.4 Number of newly protected or restored catchments or sub-catchments as a result of USG assistance (Custom) [OUTCOME]</p>	0	NA	NA			MUM has not yet implemented activities that directly contributes to this indicator. MUM will begin to report results for this indicator in YR3 after activity implementation in Y2		5		

<p>4.5 Number of people benefiting from the adoption and implementation of measures to improve water resources management as a result of USG assistance (HL.8.5-1)</p> <p>[OUTCOME]</p>	0	NA	NA			<p>MUM has not yet implemented activities that directly contributes to this indicator. MUM will begin to report results for this indicator in YR3 after activity implementation in Y2</p>		135,000		
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2.0 ACTIVITY IMPLEMENTATION PROGRESS

The following narrative describes progress implementing tasks and sub-tasks outlined in MUM’s approved Year I (FY 2022) Work Plan during the period of January 1 to March 31, 2022. Activity tables extracted from the work plan are provided in Annex 2, with comments, to demonstrate progress with each of the activities planned for implementation during the reporting period.

2.1 SUB-OBJECTIVE I (SOI): INCREASE ACCESS TO SUSTAINABLE WATER SERVICES MANAGED BY RUWASA AND URBAN WATER UTILITIES

Under SOI, MUM continued to implement planned activities as per approved annual work plan, including the **WASH Infrastructure Selection Criteria Report** and **RUWASA Capacity Building Plan** and field level performance and situational analysis of water schemes and CBWSOs in Kilosa, Kilombero, Kilolo, Iringa and Mufindi. Analysis of collected data/information to produce CBWSO baseline performance report is in progress. In addition, MUM began the process to identify water infrastructure projects in Nkasi, Kalambo, Sumbawanga, Makete and Ludewa district.

Summary of key achievements during the reporting period is as follows:

Task 1.5 RUWASA’s financial management, infrastructure planning, engineering, and private sector contracts management capacity improved.

Sub-Task 1.5.2: Performance baseline and annual improvement targets established.

The SOI team assessed capacity gaps for RUWASA in Rukwa, Njombe, Iringa and Morogoro regions. The collected information was incorporated in the developed **RUWASA Capacity Building Plan**, approved by USAID in February. The focus area of MUM intervention will be on i) Enhance infrastructure project planning, engineering design & construction best practices, ii) Improve data and information management system, iii) Identify and support initiatives that enhance professionalization of CBWSOs, iv) Enhance O&M Systems for rural water services and v) Enhance Youth and Women empowerment and participation in the water sector. In Q3 FY 2022, SOI team will work with MEL team to establish baseline capacity of RUWASA. This will help MUM track progress of capacity building interventions to RUWASA at national, regional and district level and will contribute to the **Baseline Report** to be submitted to USAID in September.

Sub-Task 1.5.3: Annual customer feedback surveys and functional assessments used to assess progress

MUM completed a field level assessment of **46 water schemes and 21 CBWSOs** in Kilosa, Kilombero, Kilolo, Iringa and Mufindi (Table 2). Most of the schemes assessed are still functioning well and continue to provide water supply services to the communities. The major problems observed during the assessment exercise are low revenue collections in all CBWSO compared to the billing values, implying that with the current revenue streams most of CBWSOs are unable to operate and sustain the schemes. This is an area where MUM can provide needed support to CBWSOs in terms of building their capacities in revenue collections.

TABLE 2: CBWSOS AND WATER SUPPLY SCHECME ASSESSED

S/NO	CBWSO Name	NO of Scheme	Type of scheme	Location
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1.	Usokami/Kibengu (KIU)	01	Pumping	Mufindi District
2.	Maduma	01	Gravity	Mufindi District
3.	Kalengakapyo	01	Gravity and Pumping	Iringa District
4.	Magubike	01	Gravity	Iringa District
5.	Mgama	01	Gravity	Iringa District
6.	Lugalo	01	Gravity	Kilolo District
7.	Irima	02	Gravity	Kilolo District
8.	Itemela	02	Gravity	Kilolo District
9.	Ihita	01	Gravity	Kilolo District
10.	Milu	01	Gravity	Kilolo District
11.	Kidabaga	01	Gravity and Pumping	Kilolo District
12.	Ikela	04	Gravity	Kilombero district
13.	Mang'ula	04	Gravity	Kilombero district
14.	Mkula	04	Gravity	Kilombero district
15.	Kiberege	02	Gravity	Kilombero district
16.	Mngeta	02	Gravity	Kilombero district
17.	Kimaru	03	Pumping	Kilosa District
18.	Msomvu	02	Pumping	Kilosa District
19.	Magombigi	03	Pumping	Kilosa District
20.	Duki	04	Pumping	Kilosa District Council
21.	Bemama	05	Pumping	Kilosa District Council

The analysis of collected data/information is in progress with the aim to produce CBWSO baseline performance report in May 2022. MUM will use the assessment results to identify and prioritize CBWSOs that will be supported to test service delivery models that aim to improve O&M arrangement, sustain and/or improve service levels in respective districts. During the assessment, MUM oriented and trained **four (4)** RUWASA s staff on the application and use of water scheme and CBWSO assessment tools building on the existing data collection tools in the RUWASA Service Delivery Management System (RSDMS). This process aims to improve the capacity of RUWASA in monitoring and reporting of CBWSOs and water schemes through the RSDMS.

Task 1.8 Targeted water infrastructure construction activities identified.

Sub Task 1.8.1: WASH infrastructure scoping and selection criteria in the five new districts is developed.

MUM, in collaboration with WSSAs, RUWASA HQ, Regional and District offices, developed WASH infrastructure scoping and selection criteria. The **WASH Infrastructure Scoping and Selection Criteria Report** was submitted to USAID in February. The WASH infrastructure scoping and selection tool has been presented in Ludewa and Nkasi districts.

MUM received and reviewed concept notes of proposed rural water infrastructure projects from Nkasi, Kalambo, Sumbawanga, Makete and Ludewa RUWASA district offices. **Forty (40) WASH infrastructure projects covering 105 villages and more than 300,000 people** have been proposed (Table 2). If the proposed projects meet the selection criteria and based on the assumption that an average capital cost of TZS100,000 (\$40) per beneficiary, the estimated total cost of the proposed projects will be more than TZS 32,000,000,000 (\$13,000,000). The proposed projects will be assessed in a detailed scoping exercise next quarter and ranked through a consultative process with MoW, RUWASA, BWBs and USAID.

TABLE 3: WASH INFRASTRUCTURE CONCEPT NOTES REVIEWED

District Council	Projects reviewed	Project villages	Project beneficiaries
Sumbawanga	11	47	176,627
Nkasi	7	12	43,441
Kalambo	10	25	76,115
Makete	5	5	7,155
Ludewa	7	16	24,012
Total	40	105	327,350

In Q3 FY2022, MUM team will continue supporting WASH infrastructure scoping and selection in five districts and five WSSAs. Other SO1 priorities in Q3 FY 2022 includes.

- Complete recruitment of DPG-water secretariat coordinator. This will go along with exploring opportunities to support the finalization of National Water Policy and engaging Development Partners (DPs) and the Ministry of Water to understand the challenges and opportunities facing the current sector coordination and dialogue mechanism.
- Collaborate with SO2 team to launch technical and administrative support to TAWASANET
- Collaborate with SO2 to carryout performance/baseline assessment of Ifakara, Mafinga, Namanyere, Ludewa and Makete WSSAs. The assessment will largely rely on EWURA 2020/21 WSSAs performance reports (released in March 2022) but will be supplemented by field level assessment in the respective WSSAs.

2.2 SUB-OBJECTIVE 2 (SO2): INCREASE ACCESS TO FINANCE FOR WASH SERVICES

MUM continued to engage with key stakeholders and actors (Development Partners, Financial Institutions (FIs) and Government Institutions) to explore opportunities that can be utilized by MUM to unlock WASH sector financing and investments. A key component was closely monitoring investment and financing initiatives taking place in WASH sectors through other actors including the planned construction of the US\$215 million Kidunda and US\$132 million Farkwa Dams, US\$500 million investments in small-towns WSSAs project (supported through the Government of India), and an Alternative Project Financing initiative for social projects (the new initiative established in February 2022 by the Ministry of Finance and Planning (MoFP) in collaboration with the United Nations Capital Development Fund (UNCDF). The objective of following and engaging these initiatives is to ensure that SO2 interventions are aligned with GoT priorities, policies, and strategies consistence with MUM's approach of strengthening government systems.

The SO2 team also reviewed the literature of various aspects related to WASH financing and engaged financial institutions to solicit their buy-in and participation in MUM's planned WASH financing and investment landscape study which will commence in April. The study will collate evidence on the status of WASH financing in Tanzania and recommend solutions to tackle operational, policy, legal, and institutional bottlenecks in mobilizing public and private sector finance in the TZ WASH sector.

Key achievements:

Task 2.2: U.S Development Finance Cooperation (DFC) coordination initiated to develop a credit guarantee to RUWASA and Urban water utilities.

Sub-Task 2.2.2: Establish a credit guarantee scheme and loan instruments

MUM engaged and held two meetings with US Development Finance Corporation (US-DFC) to discuss the feasibility of establishing a WASH credit guarantee scheme in Tanzania and to understand the preconditions and support that could be provided by the US-DFC to eligible FIs to establish a WASH credit guarantee scheme in Tanzania. Through engaging with US-DFC, MUM identified the following issues.

- US-DFC support is guided by the framework of cooperation between the Government of the United Republic of Tanzania (URT) and the United States Government (USG)
- US-DFC only provide technical assistance (not financial support) to the sectors eligible and falling under the framework of cooperation between the two governments (URT & USG).
- There is no established credit guarantee scheme in the WASH sector in Tanzania, and there is limited evidence on whether it is feasible to establish a credit guarantee scheme in the WASH sector in Tanzania
- US-DFC has a well-established partnership with CRDB Bank. Their support to CRDB Bank includes an established credit guarantee scheme in the health sector signed in 2021 and the planned new credit guarantee schemes with a budget of USD 34million (USD 16million – support to private education, USD 10 million – support to informal sector and USD 8million – support to general MSMEs) and is covering various sectors including education (school WASH) and informal micro and small enterprises (MSMEs).
- WASH sector actors are not eligible in the health guarantee, but the new credit guarantee transaction could have the opportunity to accommodate lending for WASH actors, provided the bank (CRDB Bank Plc) would be interested in doing so.

In the next Quarter, MUM will continue to engage with CRDB Bank Plc to explore opportunities that can be utilized by WASH actors from the new transaction.

Task 2.3 – Support small and medium enterprises (SMEs) to access WASH financing.

Sub-Task 2.3.1 Review status of WASH SMEs

The SO2 team worked in collaboration with SO3 team and LGAs to identify existing entrepreneurs and enterprises in the MUM supported districts (see details under Task 3.2 -sub-task 3.2.1 below). Next quarter, SO2 team shall collaborate with SO3 team to assess baseline capacity of the identified WASH entrepreneurs and SMEs in relation to revenue and profitability and access to finance.

Task 2.4 Financial products and services developed for entrepreneurs to provide water and sanitation-related services.

Sub-Task 2.4.1: WASH financing working group launched.

MUM engaged and held meetings with eight (8) FIs in February 2022 in Dar es Salaam: CRDB Bank Plc, NMB Bank Plc, NBC Bank, Tanzania Commercial Bank (TCB), CMSA, EXIM Bank, YETU Microfinance Bank Plc, and Equity Bank. This process helped MUM to understand challenges facing the FIs in investing in the water sector, and to solicit their buy-in and participation in the planned WASH

financing and investment landscape study in Tanzania. Findings of the study will inform the establishment of WASH sector financing working group. MUM identified:

- FIs are willing to support the WASH sector as reflected in the ongoing initiatives of financing water actors (e.g., WASH portfolios with Equity Bank, YETU Microfinance Bank, TCB, etc.) though at a small/pilot scale. Scaling up of ongoing initiatives needs cooperation and support from other stakeholders, in particular government partners for sectoral/national policy reforms (e.g., to establish a WASH credit guarantee scheme). The process of policy reforms, however, might take longer than expected considering its complexity (more stakeholders involved but also it will depend upon government priorities).
- There is a need to establish a platform to regularly bring key stakeholders together and discuss issues hindering WASH actors to access financing from both the public and private sources. The MUM's initiative to establish a WASH financing working group following the WASH financing study (currently ongoing) is the right strategy in this regard.
- Both FIs and WASH actors face capacity challenges, i.e., limited competence in developing financial products and services appropriate for WASH actors, and preparation of bankable project proposals. In alleviating these challenges, MUM will be required to engage and collaborate with other stakeholders and to carefully gauge the amount of time this process would take.

Sub-Task 2.4.2: WASH SME and CBWSO financial products guide developed and produced.

The ongoing WASH financing and investment landscape study and engagement with US-DFC (Task 2.2) will provide findings to help MUM develop a catalogue of financial products for WASH SMEs and CBWSOs.

Sub-Task 2.4.3 Household WASH product financing options and targeted subsidy concept developed.

MUM signed a Memorandum of Understanding (MoU) with an INGO, Water.org. This will enable MUM to leverage skills, partnerships, and networks created by Water.org (through Equity Bank) in design and deployment of small, affordable water and sanitation loans to households living in poverty as well as larger, corporate loans to WSSAs in MUM supported districts. The objective of the MoU is to cooperate and coordinate the undertaking of mutually compatible and desirable activities towards the achievement of improved provision and governance of WASH services in the 10 targeted districts,

2.3 SUB-OBJECTIVE 3 (SO3): STRENGTHEN THE MARKET FOR SANITATION AND HYGIENE PRODUCTS AND SERVICES

Under SO3, MUM continued to implement planned activities as per approved annual work plan. Key was to complete field level data collection of Sanitation and Hygiene Market Assessment (SHMA), identify WASH related entrepreneurs, and Micro, Small and Medium Enterprises (MSMEs), and engage the Government to learn on the strategies adopted in the implementation of the National Sanitation Campaign. During the reporting period, the SO3 team implemented the following activities:

TASK 3.1: Sanitation market research analysis performed, including role of women and youth examined

Sub Task 3.1.4: FSG & Wise-Futures teams conduct market analysis

MUM submitted the draft SHMA Report to USAID in February, based on the completed literature review and expert interviews with key sanitation practitioners in Tanzania. Due to delays of obtaining ethical clearance from NIMR, results of data collection could not be included in the first draft but will be included in the final report.

MUM completed field level data collection of the SHMA. The SHMA is led by sub-contractor FSG with WISE Futures supporting the field level data collection for one month, from end of week three of January through week three of February 2022. The data collection exercise was carried out by 32 enumerators who collected data from sample of 1,200 respondents across the four regions of Morogoro, Iringa, Njombe and Rukwa. Data analysis and reporting are in progress. Final report will be submitted to USAID in April.

Task 3.2 partnerships with private sector entities established to develop and pilot sanitation and hygiene product and service solutions for the poorest

Sub-Task 3.2.1: Workshops conducted with sanitation enterprises, product designers, and low-income residents to evaluate the obstacles to adoption of improved latrines and identify the most affordable options

In February, MUM SO3 team, in collaboration with the Local Government Authorities (LGAs) in the ten supported districts, reviewed the status of WASH entrepreneurs and MSMEs. Through this exercise, MUM identified 67 entrepreneurs and 56 MSMEs (details provided in Table 4 below). About **46% and 51%** of the identified entrepreneurs and enterprises are led by women and youth respectively

TABLE 4 IDENTIFIED WASH ENTREPRENEURS AND MSMEs IN PROJECT DISTRICTS

No	Location	Districts	Number Entrepreneurs	Number Enterprises
1	Morogoro	Kilosa district	4	5
		Mlimba DC	8	4
		Ifakara TC	2	8
2	Njombe	Makate district	4	5
		Ludewa district	5	5
		Njombe town	0	1
3	Iringa	Kilolo district	4	3
		Iringa DC	5	4
		Mafinga TC	9	2
		Mufindi district	7	6
		Iringa municipality	0	2
4	Rukwa	Nkasi district	8	4
		Kalambo district	8	3
		Sumbawanga DC	3	3
		Sumbawanga municipality	0	2
Total			67	56

During the identification of entrepreneurs and enterprises, MUM learned the following:

- Most of entrepreneurs and SMEs do not market their sanitation products to the communities, they use traditional ways such as wait for walk-in customers.
- Most of entrepreneurs engaged in sanitation and hygiene products lack in-depth knowledge on business environment and operating context.
- Increased transportation costs lead to increased prices of sanitation and hygiene products making them unaffordable to customers.
- Artisans and small businessmen lack entrepreneurial spirit and innovative mind set
- Sanitation and hygiene services and products supply chain is insufficiently connected among actors, most actors operate in isolation.
- Sanitation/hygiene business being seasonal hinders entrepreneurs and enterprises to invest seriously in the sector.
- Availability of Local Government Loan schemes for women and youth, microfinance, and savings groups provide huge opportunities for MUM to leverage these schemes by building capacity of women and youth enterprises to access finance from existing schemes.

In Q3 FY2022 MUM will conduct an in-depth assessment of the identified entrepreneurs and enterprises to determine their baseline capacity in relation to access to finance, increase revenue, and/or profitability. MUM will conduct workshops in 10 LGAs with market actors, innovators, entrepreneurs, and enterprises to design and prototype sanitation products and services for the poorest residents. This will help MUM to identify products and services that can be piloted in the MUM supported districts using GUC starting in Y2.

TASK 3.3 Design behavioral change (BC) and marketing interventions to reach consumers and trigger change

Sub Task 3.3.1 Understanding the delivery mechanism of the National Sanitation Campaign

In March 2022, MUM engaged and held meetings with the 9 representatives from TAWASANET, Project CLEAR, and the ministries of health, education, local government to discuss and learn on the strategies adopted in the implementation of the National Sanitation Campaign (locally known as *Nyumba ni Choo campaign*). The following issues were noted.

- **Data quality:** The government has been using the National Sanitation Information Management System (NSIMS) to report on the progress made in the implementation of the National Sanitation Campaign. However, while reporting has improved over the years, there are concerns that the levels of accuracy of data generated from the NSIMS is low. At sub-village level, data collection is still acquired largely through volunteers (e.g., community health workers) using a dedicated household register. Once collected, the data is aggregated to produce village, ward and district level data which is inputted into NSIMS by District Health Officers. While the primary source of data is sub-village level, it is possible that multiple layers of data aggregation can compromise the quality of data reported across the reporting hierarchy.

MUM, in collaboration with the Ministry of Health and Local Government Authorities, will develop data verification tools and methodology to verify the data reported in the NSIMS in the ten districts. Data verification will be conducted in June 2022. This will produce accurate baseline results for use by MUM in the ten supported districts. In addition, as part of system strengthening, MUM will engage the Ministry of Health to explore opportunities and mechanisms to digitize data collection systems. This will ensure data quality improvements MUM supported districts, and influence improvement of quality of data reported in the NSIMS nationally.

- **Supply chain of hygiene and sanitation products:** The Implementation of the national sanitation campaign has helped to increase demand of sanitation products. This has led to new actors such as LIXIL (SATO) to enter the sanitation market in Tanzania. However, there are concerns that their supply chain is insufficiently configured and connected to local sanitation enterprises across the country, resulting in poor penetration of their products in some parts of country. MUM will use the findings of the SHMA research to explore innovative approaches to strengthen the supply chain of existing sanitation and hygiene products in the ten supported districts.
- **Use of existing contents and platforms created under the Nyumba ni Choo Campaign:** The implementation of the first phase of the Nyumba Ni Choo campaign ended on 31 March. The Ministry health indicated that it plans to start the implementation of second phase in July to align with implementation of the WSDP III. However, there are no financial commitments from Government or Development Partners to support the second phase of the Nyumba ni Choo campaign. As such, there is a gap right now in terms of ensuring the continuity of the national sanitation campaign. The Ministry of health has called upon MUM to intervene in the bridging this gap in the MUM supported regions building on assistance and content created under the Nyumba Ni Choo campaign. To bridge the gap in implementation of SBCC campaign, the Ministry of Health emphasizes the use of existing Nyumba ni Choo contents and platforms created by Project CLEAR. Next quarter, MUM shall work in partnership with the Ministry of Health and Project CLEAR to develop the SBCC strategy for the MUM's supported district. This will help MUM to prototype the SBCC in Nkasi and Kalambo Districts in Q4 FY 2022.

Task 3.4 Technical assistance to enhance skills in business development, marketing, and management provided to sanitation and hygiene market actors

Sub-Task 3.4.1: Carry out an assessment of existing enterprises and market actors to identify the support needed

During the reporting period, SO3 team worked in collaboration with SO2 team and LGAs to identify existing entrepreneurs and enterprises in the MUM supported districts (see details under sub-task 3.2.1 above). Next quarter, SO3 team will collaborate with SO2 team to assess baseline capacity of the identified WASH entrepreneurs and SMEs in relation to revenue and profitability and access to finance.

Task 3.5 Design drawings and technical specifications prepared and completed for proposed fecal sludge treatment interventions

Sub-Task 3.5.2: 2-day CWIS training workshop for WSSAs, LGAs and TAWASANET members.

Sub-Task 3.5.2: WSSAs/LGAs supported to conduct city-wide inclusive sanitation (CWIS) planning process.

This quarter, MUM launched the CWIS planning task by supporting WISE futures to develop data collection tools to be used in the CWIS mapping and planning. Next quarter SO3 will work in collaboration with SO1 to launch the CWIS planning workshop (sub-task 3.5.1) and begin sanitation mapping exercise in Mafinga and Namanyere towns (sub-task 3.5.2)

2.4 SUB-OBJECTIVE 4 (SO4): STRENGTHEN BASIN WATER BOARDS AND WATER USER ASSOCIATIONS TO ENHANCE STEWARDSHIP OF WATER RESOURCES

The focus of SO4 in the reporting period was to undertake Basin Water Boards (BWB) baseline capacity assessment and develop BWBs Capacity Development Plans. During the reporting period, the SO4 team implemented the following activities:

TASK 4.1: Technical assistance provided to BWBs to improve their institutional capacity and operational efficiency to collect revenue, use data to inform decisions, use participatory methods to engage water users, and address the needs of water service providers.

Sub-Task 4.1.1: Basin Water Boards Baseline Capacity Assessment report and Capacity Building Plan developed and submitted.

During Q2 FY 2022 MUM completed baseline capacity assessment of Rufiji, Lake Rukwa and Lake Nyasa Basins. It is important to note that during the assessment MUM oriented and trained 49 BWBs staff² on the application and use of BWBs capacity assessment tools building on existing tools used by the Ministry of Water i.e., PAF and PAC. This process aims to standardize the use of the existing tools and strengthen the capacity of MoW and BWBs in using such tools when evaluating the performance of BWBs.

Overall, the findings from the baseline capacity assessment of Rufiji, Lake Rukwa and Lake Nyasa Basins show that:

- Lack of adequate competent staff is a huge capacity constraint facing all basins although the level of severely differs across the three basins. It is noted that factors contributing to the human resource capacity gaps include inadequate implementation of retirement planning for personnel in the BWBs and limited implementation of staff development mechanisms. FY 2021/22 staffing level and gaps are indicated in Table 5 below.

TABLE 5 STAFFING GAPS IN BASIN WATER BOARDS

BWB	Existing Staff	Required Staff	Gap
Nyasa	33	124	89
Rukwa	27	105	78
Rufiji	128	277	149

- All basins are struggling to engage stakeholders effectively. Lack of proper systems and procedures for customer service is a huge constraint in managing stakeholder relations in all basins.
- Lack of capacity in resource mobilization is a huge constraint across the three basins and negatively affects their ability to effectively execute their water resources management functions.
- All three basins are struggling in key areas: Gender Integration and Youth Inclusion, implementation of climate change adaptation measures, catchment protection, equipment monitoring, and data analysis.

The Basin Water Boards Baseline Capacity Assessment report and **BWB Capacity Building Plans** were submitted in February 22. Field level data collection took longer than expected due to the need

² BWB staff trained included: 11 participants in Rukwa (8 male, 3 female); 10 participants in Nyasa (8 male, 2 female); and 28 participants in Rufiji (19 male, 9 female).

to engage many stakeholders including the LGAs, WUAs and CBWSOs. Considering their roles and levels of influence in understanding issues facing the governance of water resources and implementation of capacity building plans, it was not possible for the assessment team to skip their involvement but to adjust their schedules and accommodate them in the process as it was originally planned.

Sub-Task 4.1.2: Update BWBs Capacity Building Plan

After receiving USAID comments on the Capacity Building Plan in February, MUM organized a stakeholder workshop on March 30-31 to validate the findings of the assessment and prioritize capacity building interventions. The validation workshop involved 28 representatives (23 male, 5 female) from MoW, USAID, BWBs, RUWASA, WSSAs, WUAs and CBWSOs. During the validation workshop, stakeholders reviewed the capacity gaps and prioritized MUM capacity building interventions to focus on enhancing the capacity of BWBs on the following aspects:

- *Resource mobilization:* Supporting RBWB to adopt strategies to increase revenue from water uses alongside mobilization of funds from public and private sector. Examples of strategies include identification and registration of all water users, establishing and agreeing to payment schedules with users, and appointing collection agents.
- *Customer service:* Supporting RBWB to put in place systems and institutionalize processes that would help them to effectively meet the needs of water users and service providers before, during, and after purchase of the product or services from BWBs. Examples of initiatives to improve customer service include establishing customer call centre and developing MoU with corporate customers.
- *Communication with stakeholders:* Implementing innovative and cost-effective approach to enhance stakeholder participation in basin forums and improve coordination and implementation of water resources interventions between BWBs and WUAs, LGAs RUWASA, CBWSOs, WSSAs. Examples include making use of existing planning and coordination forums such as Regional Consultation Councils (RCCs), District Consultation Councils (DCCs), RUWASA and EWURA WSSAs annual forums, and regional investment forums.
- *Water Sources/catchment protection:* Implementing cost-effective and multisectoral approaches in the protection and restoration of high priority catchments with the goal of guaranteeing adequacy and reliability of drinking water sources. Examples include coordination and streamlining water sources/catchment protection in the towns and district master plans, developing/refining RUWASA and WSSA investment and business plans, and working in partnership with private sector to protect and conserve critical water sources.
- *Use of Data for Decision Making.* Implementing cost effective and multisectoral approach to expand water resources monitoring networks and improve quality of data collection, monitoring, and reporting for decision making. Examples include instituting data sharing protocols with other institutions such as the Tanzania Meteorological Agency (TMA), RUWASA, WSSAs, improved data collection equipment & training, and enhanced coordination between CBWSOs and private sector.
- *Gender and Youth:* Supporting BWBs to collect and use sex-disaggregated data and apply gender analysis and its results in planning and implementation of activities.

In Q3 FY 2022, the focus of SO4 will be to complete the BWBs capacity building plans and submit to USAID in April. Alongside this, SO4 will work closely with SO1 team to complete water infrastructure scoping exercise in Rukwa and Njombe region and identify priority catchment areas for water resources management interventions in Lake Rukwa and Lake Nyasa Basins. Other SO4 priorities in Q3 FY 2022 include:

- Engage and support MoW to standardize and enforce the use of PAF and PAC when evaluating the performance of BWBs building on experience and lessons from MUM BWBs baseline capacity assessment in Rufiji, Lake Rukwa and Lake Nyasa Basins
- Engage MoW and BWBs to ensure priority capacity building interventions are integrated into BWBs work plan and budget for FY 2022/2023
- Begin preparations to assess baseline conditions in priority areas. Activities include recruitment of consultants to review existing catchment plans, establish catchment baseline conditions of priority catchment (quantity, reliability, and quality of water), and update catchment plans.
- Carry out baseline capacity assessment of WUAs in the priority catchments in Rufiji, Lake Rukwa and Lake Nyasa Basins.
- Support BWBs to update their communication strategies. This will also include providing technical support to prepare and host basin forums in Lake Rukwa and Lake Nyasa basins in Q4 FY 2022.
- Engage BWBs and MoW to identify quick impact in-kind grants to Nyasa and Rukwa BWBs for urgent equipment and materials to install in priority catchments.

2.5 CROSS-CUTTING AND INTEGRATION ACTIVITIES

Task 5.1 Communication

The communication team continued to build MUM's internal capacity to communicate effectively with USAID and external stakeholders. The communication specialist in collaboration with the DCOP- (Ops) provided guidance on producing quality reports. The Communications Specialist also conducted training for all staff to impart them with story writing techniques and photo taking skills. The Communications Specialist continued developing a mailing list indicating names and contact address of partners. The mailing list will be used for sharing communications products to be developed throughout the implementation period of MUM activities.

MUM also continued to implement communication activities aimed at promoting the USAID/MUM brand amongst key stakeholders. MUM submitted the Activity Fact Sheet, both English and Swahili versions to the COR, pending approval. In addition, MUM submitted the revised **MUM Branding and Marking Plan** to USAID in late January and received approval in February.

Task 5.2 Monitoring, Evaluation and Learning

Sub-Task 5.2.1: Conduct Baseline Survey

MUM prepared an activity **Baseline Report** and submitted the draft report to USAID on February 18. In the baseline report, the MEL team conducted an in-depth review of indicators and proposed a reduction from 24 to 21 indicators and revisions to several of the remaining indicators. USAID provided comments to the Baseline Report in early March, and MUM will seek to resolve indicator changes, through discussion with USAID, in Q3.

In Q3 FY 2022, MUM will continue to review the project indicators, develop activity monitoring/evaluation tools and begin to verify baseline data from the RSDMS, Maji IS and NSIMS database. This will help MUM to revised baseline report and MEL plan for submission to USAID in September 2022.

Sub-Task 5.2.3: Technical team and partners trained on MEL issues

The MEL team trained MUM technical staff on MEL issues including general terms for monitoring, evaluation and learning, elements of theory of change, MUM theory of change; an introduction to project indicators and the types of activities that will contribute to all indicators. Training manuals

were developed to guide these trainings and were provided to MUM staff for reference. During the GIYE training, the MEL manager trained MUM staff on GIYE-related indicators and the types of information that will be incorporated in the data collection tools to ensure that the project is collecting and reporting data with GIYE sensitive information.

Sub-Task 5.2.2 Automate Data Collection Instruments

The MEL team in collaboration with technical staff, developed indicator assessment tools including CBWSOs assessment tool, Household data verification tool for sanitation indicators, and Household data verification for water indicators that will collect baseline information for MEL indicators and the capacity needs for different institutions to guide design of interventions. The CBWSO assessment tool has been digitized ready for data collection and deployed in the server and linked with tablets ready for data collection. The remaining tools will be digitized and deployed into survey CTO server in Q3 of FY2022. The project will collect all its data using SurveyCTO-Collect and the data will be stored into Airtable database via Zapier.

Sub-Task 5.2.4: Tablets for data collection and Software for data visualization procured

The MEL team developed a project manual for SurveyCTO Collect, trained SOI team on the use of SurveyCTO Collect to gather data and completed minor troubleshooting including linking the SurveyCTO server with tablets using the assigned URL, username and password for the data collector, downloading the forms from the server to the tablets, data collection, editing and sending into the server. We also developed a manual for pre-testing data collection instruments and trained some SOI staff. Other staff will receive this training during the whole exercise of pretesting the activity monitoring data collection tools in July 2022.

Learning Activities

There were no learning activities implemented during the reporting period.

Task 5.3 Gender Integration and Youth Engagement (GIYE)

GIYE Assessment and Strategy Development

The GIYE team designed and conducted a GIYE assessment to inform the MUM **Youth Engagement Strategy (YES)**, for which USAID provided comments in early February. Between 6 February and 3rd March 2022, the IRIS Group field research team conducted a total of 12 focus group discussions (FGDs) and 23 key informant interviews (KIIs) in three districts served by MUM (Iringa DC, Ludewa DC, and Sumbawanga DC), with additional KIIs in Dodoma and Dar es Salaam. The team then analyzed the findings, key themes, and recommendations that emerged and mapped those to the MUM strategic objectives using the Gender Analysis and Integration Matrix (GAIM). On Day 2 of the GIYE training (described below), SO teams were trained in gender analysis using an SO-specific GAIM which guided them to vet findings from the assessment and make recommendations on how to prioritize GIYE actions to enhance project results. The SO inputs will be incorporated into the final YES, to be submitted to USAID in April.

GIYE Training for MUM Staff

The GIYE team facilitated a GIYE Training to MUM staff on March 10-11, 2022. Day 1 was for all MUM staff (22 men, 4 women). Day 2 focused on the Technical Team (16 men, 3 women). The participatory training built on staff's previous knowledge and project insight to create a common understanding of GIYE concepts, approaches, indicators and tools. Shamsa Suleiman (Project Specialist for Gender and Youth (USAID – Tanzania) led the session on Gender analysis and emphasized the importance of doing gender analysis at all phases of the project and what are the US and Tanzania governments policies on GIYE.

The training objectives were:

- a) Ensure a shared understanding of key GIYE concepts as well as technical priorities for GIYE under MUM.
- b) Outline the USG and GoT policies that underpin our GIYE work.
- c) Introduce concepts of meaningful youth participation and positive youth development as foundations for MUM activity design.
- d) Introduce gender and social inclusion analysis methodologies, including how MUM staff can practically apply them to ensure that women's and youth's differentiated interests and needs are addressed in project design and implementation.
- e) Engage the SO teams and MEL in vetting GIYE assessment findings and recommendations to form the GIYE Action Plan, which will guide specific points of gender integration and youth engagement across MUM activities and processes.
- f) Introduce gender- and youth-integrated-MEL concepts, review indicators and responsibilities for data collection

Cross-cutting integration

GIYE team continued to support SO's technical teams in reviewing assessment tools, reports, and communication materials to ensure GIYE is well incorporated in tools, plans and activities. Products reviewed included:

- SO1 assessment tools for RUWASA, CBWSO, Scoping of schemes and reports.
- SO4 reviewed of CDPs and identified GIYE gaps and presented during BWB's CDPs validation meeting.

3.0 MANAGEMENT

3.1 STARTUP ACTIVITIES

3.1.1 STAFFING

By the end of March 2022, the project had offered employment contracts to 32 staff, including the following 17 positions in the last quarter: Administrative Manager, Basin Water Board Coordinator for Lake Rukwa, Deputy Chief of Party-Operations, DCOP-Technical, four Drivers, Enterprise Support Specialist, Financial Planning and Performance Specialist, Grants Manager, two Lead Engineers, two Marketing Business Development Specialists, Organizational Performance Improvement Specialist, and Social Behavior Change Communications Specialist. Recruitment of remaining candidates were at various advanced stages of completion with most expected to join the MUM project in Q3 FY 2022, including replacement Water Resource Management Team Lead, Grants Specialist, MEL Specialist, Accountant and Basin Water Board Coordinator for Lake Nyasa. MUM also accepted the resignation of the Office and Logistics Assistant in March, and the position will be re-filled in April.

The DCOP OPS staffer, Siobhan Girling, arrived from Washington DC in January. Approval of Siobhan's work permit in Tanzania will require submission to relevant authorities of her application documents together with an implementation MOU between Tetra Tech and the Ministry of Water (MOW). However, processing of the permit continues to be delayed due to pending finalization of the MOU by the MOW. A draft MOU was submitted to the MOW in early October 2021 and by the end of March, MOW informed MUM that the final document had been recommended to the Permanent Secretary for signature. MUM awaits word from MOW to travel to Dodoma to countersign the agreement and will continue follow up.

3.1.2 OFFICES AND LOGISTICS

Office space for Sumbawanga office was leased from Pius Engribert Mazinge. The office is located on Plot No 911, Kzwite Area, Sumbawanga Municipal, Rukwa with 1797 square meters of premises. The office has four office rooms, plus a kitchen, conference room and dining area. Initial lease agreement is for three years with early termination clause, and it was signed with effect from October 1, 2021.

Other office supplies and services provided this quarter include:

- Office furniture – including tables, chairs and shelves purchased and installed in Sumbawanga office
- Purchased and installed window blinds for the Sumbawanga office.
- Four color printers and office printer/copier for each location purchased and in use for Iringa office
- Security service engaged on 23 March 2022 for Sumbawanga Office
- Cleaning service engaged on 24 March 2022 for Sumbawanga office
- Also purchased office supplies for Sumbawanga office includes Water dispenser, Electrical kettle, microwave, and office security safe.

In Q3, the team will procure remaining computer accessories and refine provision of IT support services from Tetra Tech home office and a local vendor. In addition, two staff have mobilized to their permanent locations: the Lake Rukwa Basin Coordinator embedded within the Lake Rukwa Basin Water Board Office in Mbeya; and a Lead Engineer working remotely in Njombe.

On logistics, the project acquired seven vehicles, two from Save the Children and five from Fintrac, with two more anticipated to be delivered in Q3. The vehicles were formerly used on the WARIDI activity and temporarily transferred to the two USAID implementing partners when that activity

ended. All five vehicles received from Save the Children and Fintrac underwent technical assessment to establish the extent of major repairs needed to ensure their road worthiness. Major maintenance was fully carried out as recommended by the technical assessment.

During review of the motor vehicle registration certificates, it is noted that the three vehicles were mistakenly issued to the Ministry of Water and Irrigation (now Ministry of Water) instead of Tetra Tech ARD. Hence re-registration process has been started by processing a letter to the Ministry of Water. The last two vehicles will be imported from South Africa and appropriately registered upon receipt.

Two drivers have been assigned to Sumbawanga, one to Njombe, and the remainder are in Iringa. Each driver has been assigned a vehicle and will be responsible for ensuring regular maintenance and upkeep.

3.1.4 YEAR I ANNUAL WORK PLANNING AND BUDGETING

MUM received USAID comments on the draft **Year I Annual Work Plan** in mid-January. In early February, MUM submitted a revised plan and received USAID approval on February 4. The work plan is meant to include an **Environmental Mitigation and Monitoring Plan (EMMP)** as an annex, which is pending completion and is discussed under Section 3.3, below.

3.2 GRANTS MANAGEMENT

MUM received USAID comments on the first draft of the **MUM Grants Under Contract (GUC) Manual** in early February, submitted a revised draft in early March, and received USAID approval in mid-March. During this period, the Grants Manager also joined the team and began an in-depth review of planned grant activities as outlined in the Year I work plan. The Grants Manager also took the lead in finalizing recruitment of the Grants Specialist, who is expected to join the team next quarter.

In light of the above, grants support to various SOs, as specified in the YI work plan, commenced in this quarter. In close collaboration with the SOI team, the Grants Manager is developing a solicitation for an in-kind grant to RUWASA to build their capacity in planning, design, construction, and provision of sustainable WASH services. A planning meeting with RUWASA is scheduled for April, and MUM will share the first grants package with USAID in May for approval.

Grant activities under other SOs are expected to start in Q3. MUM Grants Manager in collaboration with SO Leads will ensure the inclusion of grant supported activities in SO quarterly plans, refining the outline established in the YI work plan. Under both SO2 and SO3, the focus will be to support design of a Technical Assistance Program (TAP) for Small and Medium Enterprises (SMEs) and FIs, as per identified technical gaps and financial status in relation to sanitation and hygiene products and services. MUM anticipates using grants in combination with STTA and direct implementation by MUM staff when implementing TAP.

Also this quarter, the Grants Manager in collaboration with HO Senior Grants Manager conducted a training for MUM staff on Grants Management. The training provided an overview in grants under contract (GUC) management including the structure and approach to grants management, linkage of grants program with project objectives and indicators, applying the four-phased grant making processes, code of conduct and ethics, and fostering collaboration between grants, technical, MEL, and admin/finance staff to implement the project's grants program.

3.3 ENVIRONMENTAL MANAGEMENT AND COMPLIANCE

During the reporting period MUM has been working on USAID Tanzania comments on the draft **Environmental Mitigation and Monitoring Plan (EMMP)**. MUM also drafted a **Water Quality Assurance Plan (WQAP)**, which will be submitted to USAID in Q3 FY 2022.

Further, on March 29, all MUM technical staff received an orientation from USAID Tanzania on environmental compliance. The training was delivered by Mr. Dosteus Lopa, the Mission Environmental Officer (MEO).

3.4 COORDINATION, COLLABORATION, AND INFORMATION SHARING

During the reporting period, MUM participated in several coordination, collaboration and information sharing activities including.

- **Memorandum of Understanding (MoU):** MUM followed up on the MoU between the Ministry of Water, USAID Tanzania, and Tetra Tech ARD on the implementation of MUM activity. The MOU has been reviewed by all parties ready for signing at a date to be determined.
- **Celebration of World Water Day:** The DCOP-Technical and SO3 Team Lead participated in the world water day event, held on March 22 at Mlimani city in Dar es Salaam. Her excellence Samia Suluhu Hassan the president of the United Republic of Tanzania was the guest of honor. The theme for World Water Day (WWD) this year was groundwater - making the invisible visible which aimed to raise awareness on the importance and impact of ground water resources.
- **Collaboration with EWURA:** MUM initiated official collaboration with EWURA in WSSAs assessment for Ludewa, Namanyere, Makete, Mafinga and Ifakara towns. In line with this, the DCOP-T and SO3 Team Lead participated in the launch of EWURA 2020/21 WSSA performance report on March 23-24, in Dar es Salaam.
- **MoU with an INGO Water.org:** MUM has signed the MoU with Water.org. This will enable MUM to leverage on skills, partnerships and networks created by Water.org (e.g., through Equity Bank) in design and deployment of small, affordable water and sanitation loans to households living in poverty as well as larger, corporate loans to WSSAs in MUM's supported districts.
- **Partnership with Engineers Registration Board (ERB).** MUM has initiated official communications with the ERB as part of the process to establish MoU that would guide MUM support in training graduate water engineers from Y2.
- **Information sharing of the lessons from the implementation of the National Sanitation Campaign:** MUM engaged and held meetings with TAWASANET, Project CLEAR and the ministries of health, education, local government to discuss and learn on the strategies adopted in the implementation of the National Sanitation Campaign.

3.5 REPORTING

MUM submitted all its mandatory reports due in the reporting period, most ahead of schedule. The COP submitted weekly bullet reports in a timely fashion, on Wednesdays of the following week.

The first Quarterly Report (covering from project award through Q1) was submitted five days early on January 26. First drafts of the RUWASA Capacity Building Plan and the Sanitation Hygiene Market Assessment Reports were both submitted one day early on February 18. The Basin Water Boards Capacity Building Plan was submitted one day early on February 22. The Water Infrastructure Scoping and Selection Criteria Report was submitted on February 15, eight days ahead of schedule. The Revised Branding and Marking Plan was submitted on January 31.

Reports submitted during the quarter	Date submitted	Approval date
Quarterly Report	January 26	March 8
Revised Branding and Marking Plan	January 31	February 11
Water Infrastructure Scoping and Selection Criteria	February 15	March 8
Baseline Report	February 18	pending
RUWASA Capacity Building Plan	February 18	March 1
Sanitation Hygiene Market Assessment	February 18	pending
Basin Water Boards Capacity Building Plan (Lake Nyasa, Lake Rukwa, Rufiji Basin)	February 22	pending

3.6 **TABLE 6 FINANCIAL SUMMARY**

this section removed and shared with USAID only

ANNEXES

Annex I: List of Documentation Submitted to the Development Experience Clearing House (DEC) and Development Data Library (DDL)

	Deliverable	Date Approved	Date Submitted	URI link
1	Annual Work Plan	2/4/2022	2/11/2022	https://dec.usaid.gov/dec/content/Detail.aspx?vID=47&ctID=ODVhZjk4NWQtM2YyMi00YjRmLTkxNjktZTcxMjM2NDBmY2Uy&rID=NTk2OTQ0
2	Quarterly Report (FY21 Q4 and FY22 Q1)	3/8/2022	3/24/2022	https://dec.usaid.gov/dec/content/Detail.aspx?vID=47&ctID=ODVhZjk4NWQtM2YyMi00YjRmLTkxNjktZTcxMjM2NDBmY2Uy&rID=NTk4NzE3
3	RUWASA Capacity Building Plan	3/1/2022	3/24/2022	https://dec.usaid.gov/dec/content/Detail.aspx?vID=47&ctID=ODVhZjk4NWQtM2YyMi00YjRmLTkxNjktZTcxMjM2NDBmY2Uy&rID=NTk4Nzly
4	Targeted Infrastructure Investment Plan - Water Infrastructure Scoping and Selection Criteria report	3/8/2022	3/24/2022	https://dec.usaid.gov/dec/content/Detail.aspx?vID=47&ctID=ODVhZjk4NWQtM2YyMi00YjRmLTkxNjktZTcxMjM2NDBmY2Uy&rID=NTk4Nzlw

Annex 2: Quarterly Status of Activities

STRATEGIC OBJECTIVE 1: INCREASE ACCESS TO SUSTAINABLE WATER SERVICES MANAGED BY RUWASA AND URBAN WATER UTILITIES					
TASK 1.1: National Water Policy implementation status assessed; gaps identified. Technical assistance to MoW provided to operationalize policy.					
MAJOR INPUTS/ACTIVITIES	DELIVERY MECHANISM	KEY EXTERNAL ACTORS	INDICATOR	TIME	COMMENT
Sub-Task 1.1.1: MoW and RUWASA national teams engaged to review implementation status and identify and negotiate required external technical or administrative support.					
Engage the Ministry of Water (MoW) to understand the status of NAWAPO approval process	MUM	MoW, DPs and TAWASANET	Indicator 0.1 Indicator 0.2	Jan 2022	Completed
Identify gaps and priority areas of support to finalize, disseminate and operationalize the NAWAPO	STTA	MoW, DPs and TAWASANET	Indicator 0.1 Indicator 0.2	Jan 2022	Ongoing. The Ministry of Water hasn't clearly articulated the priority areas of support.
Sub-Task 1.1.2: NaWaPo dissemination and operationalization actions supported.					
Support the Ministry of Water (MoW) to finalize, disseminate and operationalize the NAWAPO 2020	MUM	MoW, DPs and TAWASANET	Indicator 0.1	Aug 2022	Not started
TASK 1.2: National level coordination platforms supported.					
MAJOR INPUTS/ACTIVITIES	DELIVERY MECHANISM	KEY EXTERNAL ACTORS	INDICATOR	TIME	COMMENT
Sub-Task 1.2.1 Coordination meetings attended by DCOP-Technical; support needs identified					
Engage DPs & MoW to understand the challenges and opportunities on coordination and dialogue in the WASH sector	MUM	MoW, DPs and TAWASANET		April 2022	Not started
Review the status of the DPG-Water Secretariat to identify gaps and priority areas of support		MoW, DPs and TAWASANET		April 2022	Completed ³

³ The review of DPG -Water Secretariat was completed earlier because there was an urgent need of engaging the DPG-Water coordinator in early May 2022 to support USAID/MUM on issues raised during DPG coordination and dialogue meetings.

Sub-Task 1.2.2: DPG Secretariat connections established; DPG hosted in appropriate location in Dodoma.					
Establish a logistical presence in Dodoma of MUM Team and the DPG Water secretariat	MUM	MoW & DPs	Indicat or 0.1 Indicat or 0.2	July 2022	Not started
Provide technical, administrative and management support services to the DPG-Water Secretariat	MUM	MoW & DPs	Indicat or 0.1 Indicat or 0.2	Aug 2022	Not started
TASK 1.3: Ministry of Water and RUWASA supported to track national level WASH services and enhance decision making and targeting of resources					
MAJOR INPUTS/ACTIVITIES	DELIVERY MECHANISM	KEY EXTERNAL ACTORS	INDI CAT OR	TIME	COMMENT
Sub-Task 1.3.1 Consultant engaged to assess and price systems requirements.					
Review of the RUWASA Service Delivery Management System (RSDMS) to identify gaps and priority areas of support	STTA	RUWASA, MoW, MoHCDEC, LGAs	Indicat or 0.1	Mar 2022	Completed
Review of the National Sanitation Information Management System (NSIMS) to identify gaps and priority areas of support	STTA	MoHCDEC, PORALG, LGAs, RUWASA	Indicat or 0.1	Apr 2022	Not started
Review of the WSSAs Majis to identify gaps and priority areas of support	STTA	WSSAs, EWURA, MoW, RUWASA	Indicat or 0.1	May 2022	Not started
Sub-Task 1.3.2: Assessment findings reviewed by MoW; GUC needs identified.					
Develop actionable plans to improve the current WASH Monitoring systems (RSDMS, NSMIS and Majis)	STTA	MoHCDEC, PORALG, LGAs, RUWASA, MoW, EWURA	Indicat or 0.1	Jul-Aug 2022	Not started
Sub-Task 1.3.3: RUWASA regional staff trained to give on-the-job training for district personnel.					
Provide on demand Technical Assistance and in-kind support to strengthen the RSDMS, NSMIS and Majis	STTA	MoHCDEC , PORALG, LGAs, RUWASA, MoW, EWURA	Indicator 0.1	Jul-Sept 2022	Not started

TASK 1.4: Technical and administrative assistance provided to TAWASANET. Advocacy efforts improved.					
MAJOR INPUTS/ACTIVITIES	DELIVERY MECHANISM	KEY EXTERNAL ACTORS	INDICATOR	TIME	COMMENT
Sub Task 1.4.1: TAWASANET institutional assessments conducted using OCAT (16 members assessed).					
Review of TAWASANET to identify capacity gaps, challenges, and opportunities	STTA	MoHCDEC, MoW, DPs and TAWASANET	Indicator 0.1	Apr 2022	Not started
Undertake organizational capacity assessment of TAWASANET and its members	STTA	MoHCDEC, MoW, DPs and TAWASANET	Indicator 0.1	Apr 2022	Not started
Develop and actionable plan to improve the capacity of TAWASANET and its members	MUM	MoHCDEC, MoW, DPs and TAWASANET	Indicator 0.1	May 2022	Not started
Sub-Task 1.4.2: Preparation of GUC for organizational strengthening & advocacy initiatives, incl. women and youth.					
Provide on demand Technical Assistance and in-kind support to strengthen the capacity of TAWASANET and its members in policy analysis and advocacy	STTA	MoHCDEC, MoW, DPs and TAWASANET	Indicator 0.1	Jul-Aug 2022	Not started
TASK 1.5: RUWASA's financial management, infrastructure planning, engineering, and private sector contracts management capacity improved					
MAJOR INPUTS/ACTIVITIES	DELIVERY MECHANISM	KEY EXTERNAL ACTORS	INDICATOR	TIME	COMMENT
Sub-Task 1.5.1: Kick-off workshop held to develop RUWASA's Vision and Values and launch capacity assessment					
Review the RUWASA's capacity needs assessment study carried out by FCDO	MUM	RUWASA, MOW	Indicator 0.1	Dec 2021	Completed
Identify capacity gaps and priority areas at National, Regional and District levels	MUM	RUWASA, MOW	Indicator 0.1	Dec 2021	Completed
Sub-Task 1.5.2: Performance baseline and annual improvement targets established.					
Develop data collection tools to identify specific capacity gaps in MUM's focused regions and districts	MUM	RUWASA, MOW	Indicator 0.1	Jan 2022	Completed
Collect data and analyse them to identify specific capacity gaps in each region and districts	MUM	RUWASA, MOW	Indicator 0.1	Jan 2022	Completed

Engage RUWASA HQ, Regional and District Teams to prioritize areas of support	MUM	RUWASA, MOW	Indicator 0.1	Jan 2022	Completed
Prepare specific capacity development plans for RUWASA HQ and MUM's focused regions and district	MUM	RUWASA, MOW	Indicator 0.1	Jan 2022	Completed
Sub-Task 1.5.3: Annual customer feedback surveys and functional assessments used to assess progress					
Carry out desk review of CBWSOs performance	MUM	RUWASA, EWURA, MOW	Indicator 0.1	Nov.2021	Completed
Develop assessment and data collection tools (with attention to women and youth)	MUM	RUWASA, EWURA, MOW	Indicator 0.1	Dec 2021	Completed
Carry out field level data collection/assessment	MUM	RUWASA, EWURA, MOW	Indicator 0.1	Jan 2022	Completed
Analyze data/information to produce CBWSO baseline performance report	MUM	RUWASA, EWURA, MOW	Indicator 0.1	Feb 2022	Started. Data analysis and reporting to complete in May.
Sub-Task 1.5.4: RUWASA SOPs for O&M services developed					
Develop selection criteria for the learning hubs model project in MUM's focused districts	STTA	RUWASA	Indicator 0.5	Apr 2022	Not started
Agree with RUWASA on priority learning hubs models projects in MUM's focused districts	STTA	RUWASA	Indicator 0.5	May 2022	Not started
Prepare and actionable implementation plan for the learning hubs model projects in MUM's focused districts	STTA	RUWASA	Indicator 0.5	June 2022	Not started
Deliver learning hubs model projects in collaboration with RUWASA HQ, Regional and District Teams	MUM	RUWASA	Indicator 0.5	Year 2	Not started
Sub-Task 1.5.5. GUC used to procure critical equipment for RUWASA. (Included under the GUC section)					Started
Sub-Task 1.5.6 Process for infrastructure planning launched, including production of guides on scoping, design, procurement, scheduling, construction management, QA/QC, etc. (included under Task 1.8)					Started

TASK 1.6: New operations and maintenance models developed and tested.					
Sub-Task 1.6.1: Areas to outsource maintenance and services identified (including to youth-owned businesses).					
Review RUWASA service delivery models, to identify gaps, lessons, and areas of support	STTAs	RUWASA, MOW	Indicator 1.4	Mar 2022	Started. Data analysis and reporting to complete in May.
Sub-Task 1.6.2: Opportunities to cluster CBWSO contracts assessed; recommendations shared.					
Support RUWASA to develop a comprehensive and coherent service delivery framework which include various models	STTAs	RUWASA, MOW	Indicator 1.4	Apr 2022	Not started
Sub-Task 1.6.3: PPP opportunity event held.					
Use CBWSOs baseline performance report to identify, categorize and prioritize CBWSOs for different O&M service models	STTA	RUWASA, MOW	Indicator 1.4	Jun 2022	Not started
Deliver learning hub model projects to test O&M service contracts with CBWSOs	STTA	RUWASA, MOW	Indicator 1.4	Year 2	Not started
TASK 1.7: Technical, administrative, and/or material assistance provided to small town urban water utilities to improve financial viability & water services.					
MAJOR INPUTS/ACTIVITIES	DELIVERY MECHANISM	KEY EXTERNAL ACTORS	INDICATOR	TIME	COMMENT
Sub-Task 1.7.1: Capacity improvement plans for 5 WSSAs are developed (Namanyere, Ludewa, Makete, Mafinga and Ifakara)					
Carry out desk review of WSSAs performance	MUM	RUWASA, MOW, EWURA	Indicator 1.6	Mar 2022	Completed
Develop assessment and data collection tools	MUM	RUWASA, MOW, EWURA	Indicator 1.6	Apr 2022	Started
Carry out field level data collection/assessment	MUM	RUWASA, MOW, EWURA	Indicator 1.6	May-Aug 2022	Not started
Analyse data/information to produce WSSAs baseline performance report	MUM	RUWASA, MOW, EWURA	Indicator 1.6	Jun 2022	Not started
Develop capacity improvement plan for 5 WSSA (Namanyere, Ludewa, Makete, Mafinga, and Ifakara)	MUM	RUWASA, MOW, EWURA	Indicator 1.6	May-Aug 2022	Not started
Sub-Task 1.7.2: Performance improvement plans of WSSAs are implemented, monitored, and evaluated					

Support WSSAs to prepare multi-year commercially viable business plans	STTA	RUWASA, MoW, EWURA	Indicator 1.6	Sept 2022	Not started
TASK 1.8: Targeted water infrastructure construction activities identified.					
MAJOR INPUTS/ACTIVITIES	DELIVERY MECHANISM	KEY EXTERNAL ACTORS	INDICATOR	TIME	COMMENT
Sub Task 1.8.1: WASH infrastructure scoping and selection criteria in the 5 new districts is developed					
Carry out desk review of existing WASH investment plans in 5 new districts	MUM	RUWASA, MoW. LGAs	Indicators 1.1, 1.2, 1.3, 3.2, 3.3	Nov. 2022	Completed
Develop tool for selection criteria	MUM	RUWASA, MoW. LGAs	Indicators 1.1, 1.2, 1.3, 3.2, 3.3	Nov. 2022	Completed
Carry out a rapid field level assessment of planned WASH infrastructure	MUM	RUWASA, MoW. LGAs	Indicators 1.1, 1.2, 1.3, 3.2, 3.3	Dec 2021 - Jan 2022	Completed
Prepare WASH infrastructure selection criteria report and submit report to USAID	MUM	RUWASA, MoW. LGAs	Indicators 1.1, 1.2, 1.3, 3.2, 3.3	23 Feb 2022	Completed
Conduct a detailed field level WASH infrastructure scoping	MUM	RUWASA, MoW. LGAs	Indicators 1.1, 1.2, 1.3, 3.2, 3.3	Mar - May 2022	Started
Prepare a list of ranked rural and urban infrastructure project options to USAID	MUM	RUWASA, MoW. LGAs	Indicators 1.1, 1.2, 1.3, 3.2, 3.3	Jun - Aug 2022	Started
Sub-Task 1.8.2: Joint Town Level Water and Sanitation Master Plans for 5 small towns are developed (WSSAs)					
Carry out desk review of 5 WSSAs and respective LGAs (including Land Use plan, administrative boundaries, WASH infrastructures)	STTA	RUWASA, MoW, LGAs	Indicators 1.1, 1.2, 1.3, 3.2, 3.3	Mar 2022	Completed
Engage RUWASA, WSSAs and their respective LGAs to introduce the JTL Master plans and establish implementation teams	STTA	RUWASA, MoW, LGAs	Indicators 1.1, 1.2, 1.3, 3.2, 3.3	Apr 2022	Started
Support the data collection, analysis, and preparation of master plans for two towns (Namanyere & Mafinga)	STTA	RUWASA, MoW, LGAs	Indicators 1.1, 1.2, 1.3, 3.2, 3.3	Jun - Jul 2022	Not started
Facilitate approval of Namanyere & Mafinga master plans by respective authorities	MUM	RUWASA, MoW, LGAs	Indicators 1.1, 1.2, 1.3, 3.2, 3.3	July - Aug 2022	Not started

Sub-Task 1.8.3: District Water and Sanitation Master Plans are developed (Rural)					
Carry out desk review of 10 districts (including catchments, administrative boundaries, WASH infrastructures etc)	STTA	RUWASA, MoW, LGAs	Indicators 1.1, 1.2, 1.3, 3.2, 3.3	Mar 2022	Completed
Engage RUWASA HQ and Respective District Teams to introduce the District Master Plans and establish implementation teams	STTA	RUWASA, MoW, LGAs	Indicators 1.1, 1.2, 1.3, 3.2, 3.3	Apr 2022	Started
Support the data collection, analysis, and preparation of master plans for two RUWASA districts (Kalambo & Mufindi)	STTA	RUWASA, MoW, LGAs	Indicators 1.1, 1.2, 1.3, 3.2, 3.3	May - July 2022	Not started
Facilitate approval of Kalambo & Mufindi master plans by RUWASA	MUM	RUWASA, MoW, LGAs	Indicators 1.1, 1.2, 1.3, 3.2, 3.3	Aug 2022	Not started
Sub-Task 1.8.4: List of ranked rural and urban infrastructure project options submitted to USAID. Workshop conducted to review results with MoWI, RUWASA, and USAID (included under sub task 1.8.1 activity No.6 above)					
STRATEGIC OBJECTIVE 2: INCREASE ACCESS TO FINANCE FOR WASH SERVICES					
WASH investment landscape workshop conducted					
MAJOR INPUTS/ACTIVITIES	DELIVERY MECHANISM	KEY EXTERNAL ACTORS	INDICATOR	TIME	COMMENT
1. Carry out a study on the WASH financing and investment landscape in Tanzania					
Prepare ToR for engaging Consulting services (to carry out a study).	MUM	MoW, NWF, MoFP	Indicator 2.4	Dec 2021	Completed
Procure Consulting services (in-line with the organization's processes and procedures)	MUM	MoW, NWF, MoFP	Indicator 2.4	Jan-Feb 2022	Completed
Carry-out the study	MUM	MoW, NWF, MoFP	Indicator 2.4	Mar-Jun 2022	Started
2. Organize a Tanzania WASH finance and investment landscape workshop					
Prepare logistics for the workshop (venue, budget, facilitator, etc.,)	MUM	MoW, NWF, MoFP	Indicator 2.4	Jun 2022	Not started
Facilitate the convene of the workshop	MUM	MoW, NWF, MoFP	Indicator 2.4	Jun 2022	Not started
Analyse stakeholder inputs, compile, and share workshop report	STTA	MoW, NWF, MoFP	Indicator 2.4	Jun 2022	Not started

TASK 2.1: Technical and administrative support provided to RUWASA and small-town utilities to secure public and private funding for WASH services. WSSA and RUWASA district financial performance assessed.					
MAJOR INPUTS/ACTIVITIES	DELIVERY MECHANISM	KEY EXTERNAL ACTORS	INDICATOR	TIME	COMMENT
Sub-Task 2.1.1: WSSA and RUWASA district financial performance assessed.					
Engage with RUWASA and WSSAs to understand their business models, status on creditworthiness and capacity needs assessment	MUM	MoW, WF, MoFP	Indicator 2.2	Jan-Jun 2022	Started
Prepare a technical assistance program to support RUWASA and WSSAs to refine their business models to become creditworthiness	MUM	MoW, WF, MoFP	Indicator 2.2	July-Sept 2022	Not started
Carry out on the job training, coaching, and mentoring to RUWASA and WSSAs	MUM	MoW, WF, MoFP	Indicator 2.2	Aug-Sept 2022	Not started
Engage with RUWASA and WSSAs to understand the status of their financial management and performance in general	MUM	MoW, WF, MoFP	Indicator 2.2	Jan-Jun 2022	Started
Facilitate and advise on how to deal with the shortcomings cited in their internal and CAG reports	MUM	MoW, WF, MoFP	Indicator 2.2	Jan-Jun 2022	Started
2.1.2: A pipeline of fundable projects developed					
Engage NWF to review existing framework, tools, and process on project preparation in the WASH sector to establish gaps and opportunities to intervene.	MUM	MoW, WF, MoFP	Indicator 2.4	Jun-July 2022	Not started
Engage NWF to prepare a technical assistance program to support RUWASA and WSSAs to prepare a pipeline of fundable projects.	STTA	MoW, WF, MoFP	Indicator 2.4	Aug-Sept 2022	Not started
Carry out on the job training, coaching, and mentoring to RUWASA and WSSAs on the preparation of fundable project proposal	STTA	MoW, WF, MoFP	Indicator 2.4	Sept 2022	Not started
Prepare a pipeline of fundable project proposals to leverage public and private sector investments to RUWASA and WSSA	STTA	MoW, WF, MoFP	Indicator 2.4	Sept 2022	Not started
TASK 2.2: U.S Development Finance Cooperation (DFC) coordination initiated to develop a credit guarantee to RUWASA and Urban water utilities.					

MAJOR INPUTS/ACTIVITIES	DELIVERY MECHANISM	KEY EXTERNAL ACTORS	INDICATOR	TIME	COMMENT
Sub-Task 2.2.1: WASH sector briefing book on rural and urban investment needs developed and completed.					
Engage with US DFC to understand terms and conditions for establishing a credit guarantee scheme	MUM	DFC, MoW, NWF, MoFP	Indicator 2.4	Apr-Sept 2022	Started
Prepare a WASH sector briefing report on investment needs including legal status of RUWASA/WSSAs/NWF and eligible FIs	STTA	DFC, MoW, NWF, MoFP	Indicator 2.4	Apr-Sept 2022	Not started
Sub-Task 2.2.2: Establish a credit guarantee scheme and loan instruments					
Facilitate implementation of the agreed plans with DFC to establish a credit guarantee scheme	MUM	DFC, MoW, NWF, MoFP	Indicator 2.4	Apr-Sept 2022	Not started
Facilitate dialogue between DFC and Tanzanian FIs and provide on-demand support to partner FIs to design and close a credit guarantee	MUM	DFC, MoW, NWF, MoFP	Indicator 2.4	Apr-Sept 2022	Started
Engage DFC's selected FI partner to identify and assess potential loan transactions that meet guarantee conditions	MUM	DFC, MoW, NWF, MoFP	Indicator 2.4	Apr-Sept 2022	Not started
Monitor implementation of the established credit guarantee scheme	MUM	DFC, MoW, NWF, MoFP	Indicator 2.4	Apr-Sept 2022	Not started
TASK 2.3: Technical assistance and capacity building provided to small and medium enterprises to improve access to finance.					
MAJOR INPUTS/ACTIVITIES	DELIVERY MECHANISM	KEY EXTERNAL ACTORS	INDICATOR	TIME	COMMENT
Sub-Task 2.3.1 Review status of WASH SMEs					
Engage with 10 Districts, FIs, Youth and WEE groups to identify WASH SMEs	MUM	LGAs, FIs, YOUTH AND WOMEN GROUPS	Indicator 2.1	Jan-Mar 2022	Completed
Carryout a rapid baseline assessment of WASH SMEs to establish gaps and opportunities	MUM	LGAs, FIs, YOUTH AND WOMEN GROUPS	Indicator 2.1	Jan-Mar 2022	Started in March as it needed integration with SO3
Sub-Task 2.3.2: Organize WASH enterprise opportunity events in 10 Districts					
Prepare logistics for the events (venues, budget, facilitator etc.,)	MUM	LGAs, FIs, YOUTH AND WOMEN GROUPS	Indicator 2.1	Apr-Jun 2022	Not started

Facilitate the convene of the events	MUM	LGAs, Fls, YOUTH AND WOMEN GROUPS	Indicator 2.1	Apr-Jun 2022	Not started
Sub-Task 2.3.3: Challenge grant program launched					
Prepare ToR to Solicit proposals from economic empowerment groups and Fls to offer business skills training and mentoring for youth and women WASH led enterprises	MUM	LGAs, Fls, YOUTH AND WOMEN GROUPS	Indicator 2.1	Jul-Sept 2022	Not started
Procure/solicit consulting services to offer business skills training and mentorship	MUM	LGAs, Fls, YOUTH AND WOMEN GROUPS	Indicator 2.1	Jul-Sept 2022	Not started
Engage with the solicited Fls and GUC to identify WASH SMEs needs and capacities (youth and women)	MUM	LGAs, Fls, YOUTH AND WOMEN GROUPS	Indicator 2.1	Jul-Sept 2022	Not started
Engage with the solicited Fls and GUC to prepare business skills, coaching and mentoring program	MUM	LGAs, Fls, YOUTH AND WOMEN GROUPS	Indicator 2.1	Jul-Sept 2022	Not started
Facilitate implementation of the training program (business skills and mentorship)	MUM	LGAs, Fls, YOUTH AND WOMEN GROUPS	Indicator 2.1	Jul-Sept 2022	Not started
Monitor implementation of the program through the annual WASH investment forum.	MUM	LGAs, Fls, YOUTH AND WOMEN GROUPS	Indicator 2.1	Jul-Sept 2022	Not started
TASK 2.4: Financial products and services developed for entrepreneurs to provide water and sanitation-related services.					
MAJOR INPUTS/ACTIVITIES	DELIVERY MECHANISM	KEY EXTERNAL ACTORS	INDICATOR	TIME	COMMENT
Sub-Task 2.4.1: WASH financing working group launched.					
Engage with key and relevant partners/stakeholders to understand the importance of having a WASH financing group	MUM	MoW, NWF, RUWASA, DPs	Indicator 2.1	Jan-Jun 2022	Ongoing
Engage with partners to facilitate the establishing of a WASH financing group	MUM	MoW, NWF, RUWASA, DPs	Indicator 2.1	Jan-Jun 2022	Ongoing
Organize a workshop between the financing group, Fls, LGAs and WASH SMEs to understand terms and conditions of	MUM	MoW, NWF, RUWASA, DPs	Indicator 2.1	Jan-Jun 2022	Started

available financial products and services					
Sub-Task 2.4.2: WASH SME and CBWSO financial products guide developed and produced.					
Coordinate the dialogue between DFC and development FIs to explore the feasibility of establishing a WASH credit guarantee scheme and options	MUM	DFC, FIs	Indicator 2.1	July-Sept 2022	Started early in February as part of preparation of WASH financing study
Support implementation of plans between DFC and FIs for establishing a WASH credit guarantee scheme	MUM	DFC, FIs	Indicator 2.1	July-Sept 2022	Not started
Monitor implementation of the plans between GFC and FI	MUM	DFC, FIs	Indicator 2.1	July-Sept 2022	Not started
Sub-Task 2.4.3 Household WASH product financing options and targeted subsidy concept developed.					
Engage relevant financial institutions to develop financial products for household WASH products	MUM	FIs	Indicator 2.1	July-Sept 2022	Not started
TASK 2.5: Technical assistance provided to MoW and BWBs to improve financial management and sustainably increase revenue generation.					
MAJOR INPUTS/ACTIVITIES	DELIVERY MECHANISM	KEY EXTERNAL ACTORS	INDICATOR	TIME	COMMENT
Sub-Task 2.5.1: MoW and BWBs convened to identify 2019 WRM Financing Options report priorities.					
Engage with BWBs and MoW to understand issues cited in internal and CAG reports and capacity needs	MUM	MoW, BWBs	Indicator 2.3 Indicator 4.3	Jan-Mar 2022	Ongoing to be completed in May; need to complete BWB baseline capacity assessment
Engage with MoW and BWBs to develop plans to alleviate issues 'commonly' cited in internal and CAG reports	MUM	MoW, BWBs	Indicator 2.3 Indicator 4.3	Jan-Mar 2022	Ongoing (in collaboration with SO4. After the validation workshop what follows is to support implementation of the agreed actions)
Facilitate implementation of the plan to alleviate the issues agreed upon	MUM	MoW, BWBs	Indicator 2.3 Indicator 4.3	Jan-Mar 2022	Ongoing (in collaboration with SO4. After the validation workshop what follows is

					to support implementation of the agreed actions)
Monitor implementation of the agreed plan	MUM	MoW, BWBs	Indicator 2.3 Indicator 4.3	Jan-Mar 2022	Started (in collaboration with SO4).
Sub-Task 2.5.2: Financial management training curriculum designed and launched					
Engage with MoW and BWBs to understand the scope and opportunities to increase their revenues	MUM	MoW, BWBs, WUAs, WSSAs, RUWASA	Indicator 4.2 Indicator 4.3	Mar-Jun 2022	Started (in collaboration with SO4 as reflected in the agreed actions from BWBs validation workshop held from March 30 –31, 2022)
Facilitate a MoW-led working group with BWB and WUAs to identify and prepare a plan to address the challenges related to the revenue and disbursements, including financial planning and reporting	MUM	MoW, BWBs, WUAs, WSSAs, RUWASA	Indicator 4.2 Indicator 4.3	Mar-Jun 2022	Started (in collaboration with SO4)
Support implementation of the agreed plan	MUM	MoW, BWBs, WUAs, WSSAs, RUWASA	Indicator 4.2 Indicator 4.3	Mar-Jun 2022	Started (in collaboration with SO4)
Monitor implementation of the plan.	MUM	MoW, BWBs, WUAs, WSSAs, RUWASA	Indicator 4.2 Indicator 4.3	Mar-Jun 2022	Started (in collaboration with SO4)
Sub-Task 2.5.3: Partners and TAWASANET convened to examine financial flows; first annual meeting held					
Engage with MoW and BWB to review status of implementation of the MoW's WRM financing option study (2019) and budget transfers to WRM	MUM	MoW, BWBs, WUAs, WSSAs, RUWASA	Indicator 4.2 Indicator 4.3	Jun-Sept 2022	Not started
Engage with BWB to understand the scope, coverage, challenges, and opportunities for implementation of water permits and user fees	MUM	MoW, BWBs, WUAs, WSSAs, RUWASA	Indicator 4.2 Indicator 4.3	Jun-Sept 2022	Not started
Facilitate the revision (if necessary) of options, processes and procedures for water permits and user fees	MUM	MoW, BWBs, WUAs, WSSAs, RUWASA	Indicator 4.2 Indicator 4.3	Jun-Sept 2022	Not started

Organize stakeholders' workshop to present reforms required to improved WRM revenues including those related to water permits and user fees charges	MUM	MoW, BWBs, WUAs, WSSAs, RUWASA	Indicator 4.2 Indicator 4.3	Jun-Sept 2022	Not started
Facilitate implementation of the actions from the stakeholder's workshop	MUM	MoW, BWBs, WUAs, WSSAs, RUWASA	Indicator 4.2 Indicator 4.3	Jun-Sept 2022	Not started
Monitor implementation of the plans	MUM	MoW, BWBs, WUAs, WSSAs, RUWASA	Indicator 4.2 Indicator 4.3	Jun-Sept 2022	Not started
TASK 2.6: Technical and financial support provided to TAWASANET to produce annual water sector equity report.					
MAJOR INPUTS/ACTIVITIES	DELIVERY MECHANISM	KEY EXTERNAL ACTORS	INDICATOR	TIME	COMMENT
Sub-Task 2.6.1: TAWASANET equity report plan determined; report design workshop completed					
Engage USAID, Development partners and CSOs to solicit feedback on the equity reports	MUM	DPs, MOW, RUWASA, WSSAs, EWURA	Indicator 0.1	Apr-Jun 2022	Started (in collaboration with SO1 as part of the preparation for quarterly work plan, April – June 2022)
Identify topic of interests and priority for future equity reports	MUM	DPs, MOW, RUWASA, WSSAs, EWURA	Indicator 0.1	Apr-Jun 2022	Started (in collaboration with SO1)
Engage TAWASANET secretariat and its members to understand challenges and opportunities for increasing impact of sector equity reports	MUM	DPs, MOW, RUWASA, WSSAs, EWURA	Indicator 0.1	Apr-Jun 2022	Started (in collaboration with SO1)
Sub-Task 2.6.2: Support TAWASANET to produce high quality impactful equity reports					
Engage TAWASANET secretariat and its members to undertake research and studies on topic of interests to inform preparation of equity reports	MUM	DPs, MOW, RUWASA, WSSAs, EWURA	Indicator 0.1	July-Sept 2022	Not started
Sub-Task 2.6.2 GUC to TAWASANET activated.					
Provide support to TAWASANET to improve visibility and produce impactful water sector equity reports	MUM	TAWASANET	Indicator 0.1	July-Sept 2022	Not started
TASK 2.7: Support National Water Fund (NWF) to mobilize financial resources for the sector					

MAJOR INPUTS/ACTIVITIES	DELIVERY MECHANISM	KEY EXTERNAL ACTORS	INDICATOR	TIME	COMMENT
Sub-Task 2.7.1: Status of NWF reviewed					
Engage with NWF to thoroughly understand its status	MUM	NWF, MoW, RUWASA, MoFP, DPs	Indicator 0.1	Jan-Mar 2022	Ongoing (following the meeting btwn MUM and NWF conducted from January 19 -21, 2022 and planned bilateral meeting btwn MUM and NWF on April 27, 2022)
Develop ToR to engage a consultant to carry out an organizational analysis of NWF (to understand their strengths, weaknesses, opportunities, and challenges)	MUM	NWF, MoW, RUWASA, MoFP, DPs	Indicator 0.1	Jan-Mar 2022	Ongoing (following the meeting btwn MUM and NWF conducted from January 19 -21, 2022 and planned bilateral meeting btwn MUM and NWF on April 27, 2022)
Carry out an organizational analysis of NWF	MUM	NWF, MoW, RUWASA, MoFP, DPs	Indicator 0.1	Apr-Jun 2022	Not started
Share results with NWF management and other key actors (MoW, MoFP, etc.,)	MUM	NWF, MoW, RUWASA, MoFP, DPs	Indicator 0.1	Apr-Jun 2022	Not started
Support implementation of recommendations from the consultancy including capacity development measures	MUM	NWF, MoW, RUWASA, MoFP, DPs	Indicator 0.1	Apr-Jun 2022	Not started
Facilitate knowledge/learning exchange programmes between NWF and other water sector funds in the region (EAC/SADC)	MUM	NWF, REGIONAL WATER SECTOR FUNDS	Indicator 0.1	Apr-Jun 2022	Not started
Sub-Task 2.7.2: NWF's M & E system established					
Engage with NWF to thoroughly understand their M & E needs	MUM	NWF, MOW, RUWASA, WSSAs, EWURA	Indicator 0.1	Jul-Sept 2022	Ongoing (following the meeting btwn MUM and NWF

					conducted from January 19 -21, 2022 and planned bilateral meeting btwn MUM and NWF on April 27, 2022)
STRATEGIC OBJECTIVE 3: STRENGTHEN THE MARKET FOR SANITATION AND HYGIENE PRODUCTS AND SERVICES					
TASK 3.1: Sanitation market research analysis performed, including role of women and youth examined					
MAJOR INPUTS/ACTIVITIES	DELIVERY MECHANISM	KEY EXTERNAL ACTORS	INDICATOR	TIME	COMMENT
Sub-Task 3.1.1: Prepare and apply for ethical clearance prior to conducting market research					
Prepare documentations for ethical clearance	Sub-contractors (FSG, WFs, IRIS)-desk work	NIMR and MoHCDEC	Indicators 3.1, 3.2, 3.3, 3.4	Oct-Dec 2021	Completed
Submit application for ethical clearance	Sub-contractors (FSG, WFs, IRIS)-desk work	NIMR and MoHCDEC	Indicators 3.1, 3.2, 3.3, 3.4	Oct-Dec 2021	Completed
Secure clearance and communicate with LGAs/RUWASA/WSSA on the assessment	Sub-contractors (FSG, WFs, IRIS)-desk work	MoHCDEC, RUWASA, LGAs	Indicators 3.1, 3.2, 3.3, 3.4	Jan-Mar 2022	Completed
Sub Task 3.1.2: Orientation Training to GoT consultative group- Dodoma Region- 2-day workshop					
Development of training materials for GoT and partners orientation	Sub-contractors (FSG, WFs, IRIS)-desk work	MoHCDEC, PORALG, RUWASA, LGAs	Indicators 3.1, 3.2, 3.3, 3.4	Apr-Jun 2022	Not started
Orientation Training to GoT and partners	MUM- trainings	MoHCDEC, PORALG, RUWASA, LGAs	Indicators 3.1, 3.2, 3.3, 3.4	Apr-Jun 2022	Not started
Sub-Task 3.1.3: Iris Group women and youth considerations provided and integrated into analysis design					
Organize meetings with Sub contractors (SCs) to familiarize on the activity and plan how each will participate in the assessment	MUM- meetings	MoHCDEC, PORALG, RUWASA, LGAs	Indicators 3.1, 3.2, 3.3, 3.4	Oct-Dec 2021	Completed
Set up Consultation Group	MUM- meetings	MoHCDEC, PORALG, RUWASA, LGAs	Indicators 3.1, 3.2, 3.3, 3.4	Oct-Dec 2021	Completed
Collate and analyze existing dataset and reports from other initiatives to understand the current landscape	Sub-contractors (FSG, WFs, IRIS)-desk work	MoHCDEC, PORALG, RUWASA, LGAs	Indicators 3.1, 3.2, 3.3, 3.4	Oct-Dec 2021	Completed

Sub Task 3.1.4: FSG & Wise-Futures teams conduct market analysis					
Design data collection tools and seek inputs from partners	Sub-contractors (FSG, WFs, IRIS)-desk work	MoHCDEC, PORALG, RUWASA, LGAs	Indicators 3.1, 3.2, 3.3, 3.4	Oct-Dec 2021	Completed
Field-testing of data collection tools	Sub-contractors (FSG, WFs, IRIS)-desk work	MoHCDEC, PORALG, RUWASA, LGAs	Indicators 3.1, 3.2, 3.3, 3.4	Jan-Mar 2022	Completed
Recruitment of enumerators	Sub-contractors (FSG, WFs, IRIS)-desk work	MoHCDEC, PORALG, RUWASA, LGAs	Indicators 3.1, 3.2, 3.3, 3.4	Jan-Mar 2022	Completed
Training the enumerators	Sub-contractors (FSG, WFs, IRIS)-desk work	MoHCDEC, PORALG, RUWASA, LGAs	Indicators 3.1, 3.2, 3.3, 3.4	Jan-Mar 2022	Completed
Design data collection tools for in-depth research	Sub-contractors (FSG, WFs, IRIS)-desk work	MoHCDEC, PORALG, RUWASA, LGAs	Indicators 3.1, 3.2, 3.3, 3.4	Jan-Mar 2022	Completed
Sub-Task 3.1.5: Assessment review workshop completed					
Organize meeting with GoT counterparts and partners to review the market research approach, tools, and methodology to be applied	Sub-contractors (FSG, WFs, IRIS)-desk work	MoHCDEC, PORALG, RUWASA, LGAs	Indicators 3.1, 3.2, 3.3, 3.4	Jan-Mar 2022	Completed
Sub-Task 3.1.6: Pro-poor enterprise and business models developed					
Actor mapping	Sub-contractors (FSG, WFs, IRIS)-desk work	Service Providers MoHCDEC, PORALG LGAs	Indicators 3.1, 3.2, 3.3, 3.4	Apr-Jun 2022	Completed ⁴
Trace backs	Sub-contractors (FSG, WFs, IRIS)-field work	Service Providers MoHCDEC, PORALG LGAs	Indicators 3.1, 3.2, 3.3, 3.4	Apr-Jun 2022	Completed
Product mapping and costing	Sub-contractors (FSG, WFs, IRIS)-desk work	Service Providers MoHCDEC, PORALG LGAs	Indicators 3.1, 3.2, 3.3, 3.4	Apr-Jun 2022	Completed
Preliminary customer segmentation	Sub-contractors (FSG, WFs, IRIS)-desk work	Service Providers MoHCDEC, PORALG LGAs	Indicators 3.1, 3.2, 3.3, 3.4	Apr-Jun 2022	Completed
Enterprise mapping and understanding existing business models	Sub-contractors (FSG, WFs, IRIS)-desk work	Service Providers MoHCDEC, PORALG LGAs	Indicators 3.1, 3.2, 3.3, 3.4	Apr-Jun 2022	Completed

⁴ Initially MUM thought actual data collection including actor mapping would be delayed until April pending ethical clearance. Fortunately, clearance was granted around December 21 and data collection began immediately in January. By February WFs and FSG completed the process and SHMA report is under way due to April 22.

Prepare and share report to USAID	MUM-desk work	Service Providers MoHCDEC, PORALG LGAs.	Indicators 3.1, 3.2, 3.3, 3.4	Apr-Jun 2022	In progress
Profiling customer segments and developing buying processes	Sub-contractors (FSG, WFs, IRIS)-desk work	Service Providers MoHCDEC, PORALG LGAs	Indicators 3.1, 3.2, 3.3, 3.4	Apr-Sept 2022	Not started
Developing P&L for a sample of the enterprises	Sub-contractors (FSG, WFs, IRIS)-desk work	Service Providers MoHCDEC, PORALG LGAs	Indicators 3.1, 3.2, 3.3, 3.4	Apr-Sept 2022	Not started
Pro-poor enterprise and business models developed	Sub-contractors (FSG, WFs, IRIS)-desk work	MoHCDEC, PORALG LGAs	Indicators 3.1, 3.2, 3.3, 3.4	May-Sept 2022	Not started
TASK 3.2: Partnerships with private sector entities established to develop and pilot sanitation and hygiene product and service solutions for the poorest.					
MAJOR INPUTS/ACTIVITIES	DELIVERY MECHANISM	KEY EXTERNAL ACTORS	INDICATOR	TIME	COMMENT
Sub-Task 3.2.1: Workshops conducted with sanitation enterprises, product designers, and the poorest residents to evaluate the obstacles to adoption of improved latrines and identify the most affordable options					
Conduct workshops with at least 40 sanitation enterprises, product designers, and the poorest residents to evaluate the obstacles to adoption of improved latrines and identify the most affordable options	MUM-workshops and trainings	MoHCDEC, PO-RALG, RUWASA, LGAs, WSSAs	Indicators 3.1, 3.2, 3.3, 3.4	July-Sept 2022	Not started
Sub-Task 3.2.2: Product and service pilots launched in five districts using GUC					
Identify and prioritize enterprises with viable business models	MUM- field work	MoHCDEC, PO-RALG, RUWASA, LGAs, WSSAs	Indicators 3.1, 3.2, 3.3, 3.4	Jul-Sept 202	Not started
TASK 3.3: Behavior change, and marketing interventions designed and delivered.					
MAJOR INPUTS/ACTIVITIES	DELIVERY MECHANISM	KEY EXTERNAL ACTORS	INDICATOR	TIME	COMMENT
Sub-Task 3.3.1: Identification of sanitation marketing partners; GUC mechanism for engagement developed.					
Engage the MoHCDEC to understand challenges and opportunities in the delivery of the National Sanitation Campaigns	MUM	Service Providers, MoHCDEC, PO-RALG, RUWASA, WSSA, LGAs	Indicators 3.1, 3.2, 3.3, 3.4	Jan-Mar 2022	completed

TASK 3.4: Technical assistance to enhance skills in business development, marketing, and management provided to sanitation and hygiene market actors.					
MAJOR INPUTS/ACTIVITIES	DELIVERY MECHANISM	KEY EXTERNAL ACTORS	INDICATOR	TIME	COMMENT
Sub-Task 3.4.1: Carryout an assessment of existing enterprises and market actors to identify the support needed					
Carryout an assessment of existing enterprises and market actors to identify the support needed	STTA- research	Service Providers, MoHCDEC, PO-RALG, RUWASA, LGAs	Indicators 3.1, 3.2, 3.3, 3.4	Apr-Jun 2022	Not started
TASK 3.5: Design drawings and technical specifications prepared and completed for proposed fecal sludge treatment interventions					
MAJOR INPUTS/ACTIVITIES	DELIVERY MECHANISM	KEY EXTERNAL ACTORS	INDICATOR	TIME	COMMENT
Sub- Task 3.5.1: 2-day CWIS training workshop for WSSAs, LGAs, and TAWASANET members.					
Orient RUWASA, WSSAs, LGAs, MoW and EWURA on CWIS methodology, OS &FSM guidelines, and cost-effective treatment options	Sub-contractors (WFs, IRIS)- field work, trainings/ workshops	MoHCDEC, PO-RALG, LGAs, RUWASA, WSSA	Indicators 3.2, 3.3, 3.4	Jan-Mar 2022	Underway
Sub-Task 3.5.2: WSSAs/LGAs supported to conduct city-wide inclusive sanitation (CWIS) planning process.					
Identify and prioritize the 10 towns for CWIS planning	Sub-contractors (WFs, IRIS)- field work	MoHCDEC, PO-RALG, LGAs, RUWASA, WSSA	Indicators 3.2, 3.3, 3.4	Jan-Mar 2022	Completed
Review and agree on data collection and planning tool	Sub-contractors (WFs, IRIS)- field work	MoHCDEC, PORALG, LGAs, RUWASA, WSSA	Indicators 3.2, 3.3, 3.4	Jan-Mar 2022	Completed
Stakeholder engagement and start data collection in 2 towns (Namanyere & Mafinga)	Sub-contractors (WFs, IRIS)- field work	MoHCDEC, PO-RALG, LGAs, RUWASA, WSSA	Indicators 3.2, 3.3, 3.4	Jan-Mar 2022	Ongoing
Data analysis, reporting & validation	Sub-contractors (WFs, IRIS)- field work	MoHCDEC, PO-RALG, LGAs, RUWASA, WSSA	Indicators 3.2, 3.3, 3.4	Jan-Mar 2022	Not started
Facilitate approval of CWIS for 2 towns (Namanyere and Mafinga) by responsible authorities	Sub-contractors (WFs, IRIS)- field work	MoHCDEC, PO-RALG, LGAs, RUWASA, WSSA	Indicators 3.2, 3.3, 3.4	Jan-Mar 2022	Not started

Sub-Task 3.5.3: Sanitation mapping and fecal sludge characterization					
Preliminary visits and gathering/verification of existing information/systems (Namanyere, Mafinga, Kilolo, and Kilosa)	Sub-contractors (WFs, IRIS)- field work	MoHCDEC, PO-RALG, RUWASA, LGAs, WSSA, EWURA	Indicators 3.2, 3.3, 3.4	Jan-Mar 2022	Completed
Development and testing of data collection tools	Sub-contractors (WFs, IRIS)- field work	MoHCDEC, PO-RALG, RUWASA, LGAs, WSSA, EWURA	Indicators 3.2, 3.3, 3.4	Jan-Mar 2022	Started
Recruitment and training of enumerators	Sub-contractors (WFs, IRIS)- field work	MoHCDEC, PO-RALG, RUWASA, LGAs, WSSA, EWURA	Indicators 3.2, 3.3, 3.4	Jan-Mar 2022	Started
Pilot data collection in initial 2 towns-Namanyere and Mafinga (Mapping, PE, Products & Market information as well as FS samples)	Sub-contractors (WFs, IRIS)- field work	MoHCDEC, PO-RALG, RUWASA, LGAs, WSSA, EWURA	Indicators 3.2, 3.3, 3.4	Apr-Jun 2022	Not started
Data analysis and reporting- Sanitation Mapping report for 2 towns-Namanyere and Mafinga	Sub-contractors (WFs, IRIS)- field work	MoHCDEC, PO-RALG, RUWASA, LGAs, WSSA, EWURA	Indicators 3.2, 3.3, 3.4	Jul-Sept 2022	Not started
Sub-Task 3.5.4: Design technically and financially viable fecal sludge treatment facilities					
Assess and identify treatment technology options which are technically and financially viable	MUM	MoHCDEC, PO-RALG, RUWASA, LGAs, WSSAs and EWURA	Indicators 3.2,3.3, 3.4	Sept 2022	Not started
Sub-Objective 4: Strengthen basin water boards and water user associations to enhance stewardship of water resources.					
TASK 4.1: Technical assistance provided to BWBs to improve their institutional capacity and operational efficiency to collect revenue, use data to inform decisions, use participatory methods to engage water users, and address the needs of water service providers.					
MAJOR INPUTS/ACTIVITIES	DELIVERY MECHANISM	KEY EXTERNAL ACTORS	INDICATOR	TIME	COMMENT
Sub-Task 4.1.1: Basin Water Board Baseline Capacity Assessment report and Capacity Building Plan developed and submitted.					
Using PAF/PA reports establish baseline status for operations, stakeholder relations, and core functions in Rufiji, Rukwa and Nyasa basins	STTA	MoW, BWBs, RUWASA, WSSAs	Indicators 0.1, 4.1, 4.2, 4.3	Nov-Dec 2021	Completed
Sub-Task 4.1.2: Update BWBs Capacity Building Plan					
Review the existing capacity development plans and identify any critical capacity gaps	STTA	MoW, BWBs, RUWASA, WSSAs	Indicators 0.1, 4.1, 4.2, 4.3	Dec 2021	Completed
Using recent PAF/PA reports, measure the suitability of the CDP to address identified capacity	STTA	MoW, BWBs, RUWASA, WSSAs	Indicators 0.1, 4.1, 4.2, 4.3	Dec 2021	Completed

needs; details of gaps, the most effective way to address gaps including resources required					
Engage relevant sector stakeholders for more inputs	MUM	MoW, BWBs, RUWASA, WSSAs	Indicators 0.1, 4.1, 4.2, 4.3	Jan 2022	Completed. Stakeholders' validation workshop March 30 -31
Compile BWBs Capacity Development Plans and submit to USAID for review and approval	MUM	MoW, BWBs, RUWASA, WSSAs	Indicators 0.1, 4.1, 4.2, 4.3	Feb 2022	Completed
<i>Sub-Task 4.1.3 Establish existing Water Users Association (WUAs) baseline capacity</i>					
Use the Capacity Assessment Tool to establish the existing capacity of WUAs in the priority catchments	STTA	MoW, BWBs, RUWASA, WSSAs	Indicators 0.1, 4.1, 4.2, 4.3	March. 2022	Ongoing (BWBs shared tools used to assess capacity needs of WUA in March 2022. The review to cross check if existing tools meet USAID criteria is ongoing)
Engage relevant sector stakeholders for more inputs	STTA & MUM	MoW, BWBs, RUWASA, WSSAs	Indicators 0.1, 4.1, 4.2, 4.3	April 2022	Not started
Compile WUAs capacity development plans	STTA	MoW, BWBs, RUWASA, WSSAs	Indicators 0.1, 4.1, 4.2, 4.3	April 2022	Not started
<i>Sub-Task 4.1.4: Quick impact in-kind grants to Nyasa and Rukwa BWBs for urgent equipment and materials</i>					
Facilitate BWB, RUWASA and WUA and CBWSOs to prepare In-Kind Grants proposals	MUM	MoW, BWBs, RUWASA, WSSAs	Indicators 0.1, 4.1, 4.2, 4.3	May 2022	Not started
Supervise procurement of materials and hydroclimatic monitoring equipment	MUM	MoW, BWBs, RUWASA, WSSAs	Indicators 0.1, 4.1, 4.2, 4.3	June 2022	Not started
<i>Sub-Task 4.1.5: Support BWBs and WUAs to implement capacity development plans</i>					
Train BWBs to operationalize cost effective approaches to data management, calibrate instrumentation, and prepare hydrological bulletins and the hydrological yearbook	STTA	MoW, BWBs, RUWASA, WSSAs	Indicators 0.1, 4.1, 4.2, 4.3	July-Sept 2022	Not started

Support WUA members on the cost-effective approaches to collect and report on water use data in the priority catchments	STTA	MoW, BWBs, RUWASA, WSSAs	Indicators 0.1, 4.1, 4.2, 4.3	Jul-Sept 2022	Not started
TASK 4.2: Targeted infrastructure investments designed to protect and restore catchments.					
MAJOR INPUTS/ACTIVITIES	DELIVERY MECHANISM	KEY EXTERNAL ACTORS	INDICATOR	TIME	COMMENT
Sub-Task 4.2.1: Stakeholder workshops conducted with BWBs to identify high priority sub-catchments					
Develop catchment selection criteria	MUM	MoW, BWBs, RUWASA, WSSAs	Indicators 1.1, 4.4, 4.5	Jan-March 2022	Started (BWBs shared their criteria and selected catchments in March 2022. SO4 Team is reviewing criteria and priority catchments in collaboration with SO1)
Identify and prioritize 2 catchments through a consultative process involving BWBs, WSSAs, CBWSOs, and RUWASA	MUM	MoW, BWBs, RUWASA, WSSAs	Indicators 1.1, 4.4, 4.5	Jan-March 2022	Started (BWBs shared their criteria and selected catchments in March 2022. SO4 Team is now reviewing the criteria and priority catchments in collaboration with SO1)
Sub-Task 4.2.2: Action plans formalized with WUA members and local governments; GUC program developed.					
Develop assessment and data collection tools	STTA	MoW, BWBs, RUWASA, WSSAs	Indicators 1.1, 4.4, 4.5	Apr-Jun 2022	Not started
Carryout field level assessment and data collection to establish the baseline catchment water balance, hydrological, land, water use and other environmental conditions	STTA	MoW, BWBs, RUWASA, WSSAs	Indicators 1.1, 4.4, 4.5	Jul-Sept 2022	Not started
Carryout data analysis and update 1 catchment management plans	STTA	MoW, BWBs, RUWASA, WSSAs	Indicators 1.1, 4.4, 4.5	Jul-Sept 2022	Not started

Sub-Task 4.2.3: Grant Budget for Implementing Catchment Management Plan					
Assist BWB and WUA to prepare grant proposals to implement catchment management plans	MUM	MoW, BWBs, WUAs, RUWASA, WSSAs	Indicators 1.1, 4.4, 4.5	Jul-Sept 2022	Not started
Supervise procurement and delivery of materials and equipment for green infrastructure in the five catchments	MUM	MoW, BWBs, WUAs, RUWASA, WSSAs	Indicators 1.1, 4.4, 4.5	Jul-Sept 2022	Not started
TASK 4.3: Awareness of high population growth, health, and environment issues that threaten Tanzania's water resource base raised within BWBs.					
MAJOR INPUTS/ACTIVITIES	DELIVERY MECHANISM	KEY EXTERNAL ACTORS	INDICATOR	TIME	COMMENT
Sub-Task 4.3.1: BWBs communication strategy updated					
Carryout situation analysis to identify gaps, challenges, and opportunities	STTA	MoW, BWBs, RUWASA, WUAs, WSSAs	Indicators 1.1, 4.4, 4.5	April-Jun 2022	Not started
Engage relevant sector stakeholders to solicit their inputs	MUM	MoW, BWBs, RUWASA, WUAs, WSSAs	Indicators 1.1, 4.4, 4.5	April-Jun 2022	Not started
Produce the communication strategies for 3 basins	STTA	MoW, BWBs, RUWASA, WUAs, WSSAs	Indicators 1.1, 4.4, 4.5	April-Jun 2022	Not started
Sub-Task 4.3.2: GUC program launched to WUAs and TAWASANET member organizations for awareness raising.					
Design targeted communication and marketing campaigns to raise awareness and drive behaviour change in protection, conservation, use and payment for water	STTA	MoW, BWBs, RUWASA, WUAs, WSSAs	Indicators 1.1, 4.4, 4.5	July-Sept 2022	Not started
Produce campaign materials targeting different audiences	STTA	MoW, BWBs, RUWASA, WUAs, WSSAs	Indicators 1.1, 4.4, 4.5	July-Sept 2022	Not started
Task 5.1 Communication					
MAJOR INPUTS/ACTIVITIES	DELIVERY MECHANISM	KEY EXTERNAL ACTORS	INDICATOR	TIME	COMMENT
Sub-Task 5.1.1: Promote USAID/MUM Brand Among Key Stakeholders					
Develop MUM branding materials (Banners, MUM Factsheets in Swahili and English etc) with contents and photos	MUM	Design and Printing service provider	All	Jan-Mar 2022	Factsheet developed, submitted to the COR

Support SOI in branding of signposts in all MUM supported water schemes/infrastructures	MUM	Partners	All	Jul-Sept 2022	Not started
Ensure USAID/MUM branding marks/stickers are placed in equipment purchased by MUM	MUM	Partners	All	Jan-Sept 2022	Ongoing
Support Partners in preparing their communications and branding materials that include USAID Logos	MUM	Partners	All	Jan-Sept 2022	Ongoing
Sub Task 5.1.2: Raise Public Awareness about USAID/MUM Project, Interventions and Successes					
Conduct site/field visits to collect success stories	MUM	Partners	All	Jan-Sept 2022	To be done in Q3/4
Produce and disseminate MUM newsletter and at least 4 MUM success stories	MUM	Partners	All	Jan-Sept 2022	To be done in Q3, Q4
Sub Task 5.1.3: Build MUM Institutional Communication Capacity to Implement and Manage Activities.					
Procure 1 camera for MUM project works, train MUM staff on how to capture photos	MUM	Service provider	All	Oct-Dec 2021	Ongoing
CS to train MUM Staff and partners including Drivers to take pictures during field visits	MUM	Service provider	All	Jan-Sept 2022	Done in Q2, to continue one-to-one needs/request
Sub task 5.1.4: Strengthen Capacity, Linkages and Collaborative Partnerships with Stakeholders.					
Participating in WASH related fora/ meetings/ events	MUM	Partners	All	Jan-Sept 2022	To be done in Q3, Q4
Conduct media outreach and partners engagement and participating selected fora/ meetings/ events	MUM	Media Houses Partners	All	Jan-Sept 2022	To be done in Q3, Q4
Task 5.2 Monitoring, Evaluation and Learning (MEL)					
MAJOR INPUTS/ACTIVITIES	DELIVERY MECHANISM	KEY EXTERNAL ACTORS	INDICATOR	TIME	COMMENT
Sub-Task 5.2.1: Conduct Baseline Survey					
Tool Development – Automation, cost (1 consultant will be hired)	MUM	Partners	All indicators	Jan-May 2022	Ongoing

Data collection (Training, pretesting and data collection) -eight enumerators will be hired	MUM	Partners	All indicators	Jan-Jun 2022	Ongoing
Sub-Task 5.2.2: Automate Data Collection Instruments					
Hire a consultant to automate data collection tools	STTA	Partners	All indicators	May 2022	We are expecting to hire STTA in May 2022
Sub-Task 5.2.3: Technical team and partners trained on MEL issues					
Train technical staff and other partners on MEL Issues	MUM	Partners	All indicators	Jan-Sept 2022	Partially complete.
Sub-Task 5.2.4: Tablets for data collection and Software for data visualization procured					
Procure Tablets for data collection and Software for data visualization	MUM	Service provider	All indicators	Jan-Mar 2022	Completed
Sub-Task 5.2.5 Field Visits- Data collection, verification, and validation					
Field visit for Data verification and validation, secondary data collection from the ministry, site visits for mentoring data collection process.	MUM	Partners	All indicators	Mar-Sept 2022	Started
Task 5.3 Gender Integration and Youth Engagement (GIYE)					
MAJOR INPUTS/ACTIVITIES	DELIVERY MECHANISM	KEY EXTERNAL ACTORS	INDICATOR	TIME	COMMENT
Sub-Task 5.3.1 Technical GIYE Session/ Staff training					
Conduct GIYE Staff Training	IRIS	Partners	All indicators	Jan 2022	Completed
Sub-Task 5.3.2: Creation of Youth Advisory Board					
Meetings, Conference Package, Transport, Stationeries, etc	MUM	Partners	All indicators	Jan-Sept 2022	Started. On track for Q3
Sub-Task 5.3.3: GIYE Assessment and Strategy to support GIYE during MUM implementation					
Meetings, conference, Transport, field visits	IRIS	Partners	All indicators	Jan-Feb 2022	Ongoing. Assessment completed, Strategy to be finalized in April.

MAJOR INPUTS & ACTIVITIES	DELIVERY MECHANISM	KEY EXTERNAL ACTORS	INDICATOR	TIME	COMMENT
Grant approval process (six grants)	Workshops, desk work and meetings, Supervision visits	Grantees staff, USAID	All	Jan-Sept 2022	Not started
Grant implementation					
Support RUWASA to develop phase II of RUWASA Services Delivery management System- RSDMS	In-Kind grant for procurement of POSs for water sales and mobile devices for data collection for CBWSOs in the 10 MUM activity districts	RUWASA, CBWSOs	0.1	Jan-Sept 2022	On-going, the solicitation started in late March as GM assumed the office in March 2022.
National WASH Monitoring Systems Strengthened	Assessments	STTA, RUWASA	0.1	Jul-Sept 2022	On-going, the solicitation started early as it was decided to combine support and issue one IKG to RUWASA.
Support to TAWASANET capacity and its members to engage meaningfully in policy advocacy in the WASH sector strengthened	Studies/Assessments	STTA, TAWASANET	0.1	Jul-Sept 2022	Not started
GUC used to procure critical equipment for RUWASA	In-Kind grant for procurement of design/ office tools and equipment	RUWASA	0.1	Jul-Sept 2022	On-going, the solicitation started early as decided to combine activity issue one IKG to RUWASA.
GUC used to support RUWASA, WSSAs and LGAs in developing towns/district master plans	In-Kind grant for developing the towns/district plans	RUWASA WSSAs LGAs		Mar-Sept 2022	On-going, the solicitation has started together with other support to RUWASA into one IKG.
GUC used to support to TAWASANET to improve visibility and produce impactful water sector equity reports	Workshops, Research/Studies	TAWASANET	0.1	Jul-Sept 2022	Not started
GUC used to pilot pro-poor sanitation and hygiene products and services in five districts	Workshops, Research/Studies	Sanitation enterprises	0.1	Jul-Sept 2022	Not started

Grant Budget to support Implementation of pilot Catchment Management Plans in two catchments	In-Kind grant to procure tree seedlings, train communities on improved energy saving cook stoves etc. as per existing Catchment Plans	BWBs, WUAs	1.1, 4.4, 4.5	Jul-Sept	Not started
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ANNEX 3: MUM ORGANOGRAM

