

27th March 2024

**To
General Manager,
Tweed Shire Council and,
Tweed Kenya Mentoring Program Committee.**

Dear Troy, Tom and TKMP Committee at the TSC

RE: December 2023 to February 2024 report, and a budget request March to May 2024

1. Introduction

This TKMP report for December 2023 to February 2024 quarter includes a statement of expenditure for the period and a budget request for March to May 2024.

The main program activity during the reporting period was the implementation of SIBO Obambo piped water extension that was finally connected to the Nyadiwa junction SIBO Water Company 4' pipeline on 25th March 24. The SIBO Obambo water extension is intended to serve over 18000 residents living within and around the Obambo Tinga and Gona SW kiosks from Nyadiwa, Usenge and the Obambo Kadenge area specifically Obambo Market, Obambo health center, Obambo primary and secondary school, Obambo chiefs camp and Kubar primary school. The water project will also serve some areas of Kadhai and Harambee Market. The implementation of this important water pipeline would not have been possible without the great technical and financial support from the TKMP Tweed committee at the Tweed, Tweed Shire Council, Alec and Mary Peden, and the IRF. We also want to thank the Obambo community, SIBO Water Company and MCA Central Alego for ensuring that the project came to fruition.

The works on the new waterline started on the 16th January 2024, and the final water connection to SIBO mainline being made on 25th March 2024. The team managed to complete the excavation of the 7km line, lay the HDPE pipes, backfill the line, connect the pipes, instal/construct valve/valve chambers and connection to the Nyadiwa 4' main supply water line in readiness for waterline flushing, testing and disinfection. There has been lots of community excitement and many cant wait to start using the new piped water line that finally reached the area in 61yrs since Kenya got its independence.

TKMP from the start of the project catered for all the material, labor and logistical costs with SIBO providing the company's Backhoe that the program fueled and paid operator daily allowances. The Backhoe started works on 16th Jan to 10th Feb24. Youth and women in the community got employed to help with manual excavation of the Gona and Tinga/Kubar waterlines, as well as lining of the water line, the laying of HDPE pipes and backfilling the water line. The payments made to community for the works were to ensure that monies remained directly in the community to help household needs such with payment

school fees, food and other domestic uses. Further, we had an encouraging support from the area leaders, chiefs and community elders of Nyadiwa, Usenge and Obambo who helped with patrolling the lines day and night to ensure the safety of laid pipes, and also requesting the landowners the way leave for the waterline and mediating disputes. This huge community support was also as a result of the foundational community WASH activities that TKMP had been actively carrying in the area since 2006.

The conduct of planned activities during period were as follows:

2. SW Technical operation, repairs & maintenance

The 4no SWPs remained opened during the period. Minor repairs and/or maintenance work carried at Tinga, Gona and Manyasi SW stations in the period other than service of water pumps, and cleaning/soaking/disinfection of filters to keep the water supply ongoing during the implementation of the SIBO Obambo piped water extension. The SW Operators and committees participated both in the proposed piped water extension works and also kept the kiosks operational supplying the much-needed water in the dry spell of Feb/March 2024. The SW dams' water levels had dropped in the period and so the water demand rose as well. The long rains are expected to start in April 2024. The SW filters and water storage tanks at the 4no stations were December washed and disinfected in December 23 and Feb 2024. The operators performed routine daily agitation and backwash of the filters including pre-filter cleaning.

Gona and Tinga SW sites are expected to transition into SIBO Community metered water kiosks. Manyasi SW will be decommissioned. TKMP team will continue to provide filter, pump and tanks maintenance support to Ochilo School SW until such a time SIBO water and/or alternative water supply is achieved for the school.

3. SIBO Obambo Piped Water Extension

The SIBO Obambo pipe water extension implementation was kicked off on 12th Jan 2024 with groundbreaking ceremony at Nyadiwa site and a community meeting at Obambo Chiefs camp. The water line implementation works started on the 16th Jan 2024, and as of 25th March 24 we had managed to complete all works (pipe laying and connection and backfilling) with SIBO connecting the Obambo line to the Nyadiwa 4' main supply water line. The 7km waterline was primarily targeted for Gona and Tinga/Kubar SW kiosks, and will also serve some 18000 residents and/or homes, schools and small rural businesses at and/arround Usenge Market, Obambo Primary and Secondary, Obambo Market, Obambo Hospital and the Chiefs Camp. It is expected that residents as afar as Kadenge Harambee, Kadhai and Kanyaboli will also travel to fetch water from the Obambo line. A break down of total project cost/expenses has been provided in Table 2 Item no 8 of this report.

A project oversight committee that brought together reps from MCA/County government, SIBOWASCO, Community and TKMP was created ahead of project start. This was a key partnership happening for 1st time since TKMP started works in the area. This committee was regularly briefed and updated on the

project activities. WhatsApp project group was created and real time images and brief of project implementation posted to the members.

SIBOWASCO developed a quote amounting to KES 7,517,209/- to connect the water pipeline from Nyadiwa junction to Tinga and Gona SW kiosks, and passing through Usenge and Obambo Markets, Obambo primary and secondary schools, Kubar primary and Obambo health center. We managed to make some savings in the purchase of pipes materials that greatly helped the MCA/SIBO labor funding shortfall. SIBOWASCO and Member of County Assembly (MCA) North Alego had committed to fund labor costs of KES 1,620,000/- (ref SIBOWASCO letter dated 6th Nov 2023). This MCA/County government funding to SIBO money never came through and TKMP had to fund the entire cost of the project. SIBO provided backhoe for the project that TKMP fueled and paid backhoe operator daily allowance. TKMP went beyond the funds it had committed to project for materials of KES 5,897,209/- (ref SIBOWASCO Nyadiwa to Obambo BOQs). We still have on table the request to TKMP for extra material support to extend the water pipeline 4km to Ratuoro health center from Gona junction. The SIBOWASCO estimates for this was KES4, 630,119/- with SIBO/MCA proposing to provide labor cost. TKMP committee is still considering the request (ref SIBOWASCO BOQs Gona to Ratuoro and MCA letter dated 6th Nov2023).

Below is summary of project activities since commencement on 12th January:

- **Line clearance and marking** on 12th January 2024 done with help of 60 youths/women, and village elders.
- **SIBO-backhoe excavation works** of the mainline to Gona Junction starting on the 16th January to 10th March 2024 excluding Sundays.
- **Community manual excavation works** were carried for the Tinga SW/Kubar line and Gona lines @ 1.7Km, and 0.7Km respectively.
- **8.6km HDPE Pipe laying, backfilling and HDPE pipe connections** of the entire line. The pipe laying were as follows:
 - Nyadiwa –Usenge @2km x 63mm PN10 HDPE pipes + 34pcs 2’ HDPE connectors, 1pc HDPE 2x1.5 reducer, and 2pcs 2’x1.5 HDPE Tee reducer, 6pcs 2’ HDPE adaptor
 - Usenge market –Obambo Primary @1.5km x 63mm PN10 HDPE pipes +17pcs
 - Obambo Primary to Tinga SW to Kubar Primary @1.6Km x 50mm PN12.5, and
 - Obambo Primary to Obambo Market @ 1.3Km x 50mm PN10
 - Obambo market to Gona Junction @ 2.2Km x50mm PN10
 - Gona Junction to Gona SW @0.7Km x 50mm PN12.5
- **GI anchoring of risk areas** --road crossing/drainage areas of Usenge Kolal, Usenge Catholic, Usenge Market, Obambo Kogeda, Obambo Chief camp and Tinga/Kubar. The GI pipe laying were as follows:
 - Usenge Kolal road crossing @ 3pcs 2’ GI pipes plus 3pcs 2’GI sockets, 2pcs 2’ HDPE adaptors and 2pcs GI 2’ nipple/union installed to anchor the pipeline sections

- Usenge Catholic road crossing @ 2pcs 2' GI Pipes, 2pc 2'GI sockets 2pcs 2' HDPE adaptors and 2pcs GI 2' nipple/union installed to anchor the pipeline sections
 - Usenge Market storm drainage section @4pcs 2' GI Pipes, 2pc 2'GI sockets 2pcs 2' HDPE adaptors and 2pcs GI 2' nipple/union installed to anchor the pipeline sections
 - Tinga Dam road crossing/storm drainage section installed 4pcs 1.5' GI pipes, 4pcs socket, 2pcs adaptor, 2pcs nipple/union to anchor the line section. Tinga/Kubar drainage point will need further mortar reinforcement of the pipes.
 - Obambo Market Kogeda road crossing section – installed 4no 1.5 GI pipes, 4no sockets 2pcs adaptor, 2pcs nipple/union to anchor the line section
 - Obambo chief camp storm drainage section - 2pcs 1.5' GI Pipes, 2pc 1.5'GI sockets 2pcs 1.5' HDPE adaptors and 2pcs GI 1.5' nipple/union installed to anchor the pipeline sections. The Obambo chief drainage point will need further mortar reinforcement of the pipes.
- **Valve chambers** were installed and constructed onto the line highest points –
 - 1no 2' sluice control valve for SIBO Obambo line installed and valve chamber and top cover constructed at Nyadiwa off take point
 - 1no 4' Bar Olengo control valve for the 4' SIBO mainline installed and chamber and top cover constructed.
 - 1no air valve at Nyadiwa 2' line + valve chamber with top cover constructed
 - 1no Tinga 1.5' line
 - 1 no 2' control valves for Obambo market/Gona line 2' installed
 - 1.5' control valve for Tinga/Kubar school line installed/valve chamber with top cover constructed.
- **Connection to SIBO 4' mainline** at Nayadiwa On 25th March 2024 – SIBO team connected the Obambo line to SIBO's 4' water mainline. Both 2' and 4' sluice valves including a valve chamber with concrete cover were constructed at Nyadiwa Junction off take point on 25 to 27th March 2024.

Table 1 The activities remaining and tentative/proposed completion dates:

Action	Responsibility	Status	When	Comments
Flushing out the silt and debris out of the line	TKMP/SIBO	Done – 26 th & 28 th March 2024	28 th March 2024	Completed/ongoing
Test line for pressure/ID & fix leaking section	TKMP/SIBO	Ongoing started on 26 th March	30 th April 2024	ongoing
Disinfection of the waterline	SIBO	Not yet done	Proposed date 3 rd May 2024?	To follow-up with SIBO
Commission and Hand over to SIBO	Community/SIBO/T KMP/MCA Siaya	Yet to be agreed	Tentative proposed	To plan/followup

	County Govt		date 17 th or 18 th May 2024?	with project implementation committee
SIBO reconnect supply into the new line the Nyadiwa and Usenge resident who had their pipes damaged/disconnected during the project implementation.	SIBO	Immediately after the agreed launch date	Proposed from 18 th May 2024?	To follow-up with SIBO Tech Manager
SIBO education/awareness meeting with resident to be served with new water line, and registration of new water connection application.	SIBO	During and/or immediately after the agreed launch date	Proposed from 18 th May 2024?	To follow-up with SIBO Tech Manager
Gona and Tinga SWPs SIBO metering, Kiosks rehab work, committee training.	Gona/Tinga/TKMP/SIBO	From 12 th May 2024?		To follow-up with TKMP committee/SIBO
SDA church Obambo water extension	TKMP/SIBO	From 12 th May 2024?		To follow-up with Nigel/SIBO
Phase 2 – SIBO-Obambo piped water extension - Kadenge/Harambee/Kad hai extension??	Community/TKMP/SIBO/MCA	From 1 st June 2024?		To follow-up with TKMP committee /SIBO

Significant Incidences

- Several Bee colonies along the waterline delayed works. The bees seemed to prefer hiving inside the powerline poles and electric transformers.
- Hard rock formation especially Tinga/Kubar line, and Nyadiwa/Usenge market stretch.
- 2 x cases where individuals refused to give consent/way leave for the pipeline. Area chief/village elders resolved this yesterday, and we laid the pipes.
- Risk of people unable to cross and/or fall into the trenches –we resolved this by ensuring the pipes were laid ASAP on trenches along roadcrossing and Usenge market area. We didn't have any serious incidence but minor ones.

4. Rehabilitation of Tinga, Gona and Ochilo SWPs and the Decommissioning of Manyasi SWP

TKMP had agreed as part of SIBO Obambo piped water extension project to have Tinga, Gona and Ochilo SW water kiosks rehabilitated once the piped water project was completed. The proposed cost breakdown of repair/rehabilitation works of Tinga, Gona and Ochilo SWPs has been sent as Annex 1 of this report.

Gona and Tinga Safe water stations - proposed repairs pre-SIBO piped water connection

- Intake area re-fence
- Kiosk wall repairs, plaster and painting
- Purchase/install of new steel door and window
- Purchase 2x5000L water storage tanks, construct 2x5000L water tank stands, and re-piping/fitting
- Install SIBOWASCO water meter.

The Gona and Tinga SW filters and water pumps shall be dismantled and taken to TKMP Mbagya yards.

Ochilo Primary School Safe Water Station - This SW will continue to use filters until such a time SIBO water will have reached the school. Additional 2no 5000L tanks rainwater harvest system have been proposed to supplement the Ochilo dam filtered water for the school. The repairs proposed at Ochilo School SW kiosks are:

- Intake concrete pump platform area repair
- Intake area re-fence
- 8m water pump suction/delivery line
- Steel door/window rust removal/re-welding
- Intake area re-fence
- Kiosk wall repairs, plaster and painting
- Purchase/install of new steel door and window
- Rainwater harvest 3x5000L water tanks, construct 3x5000L water tank stands, fit gutters and taps

Manyasi Safe Water Station - The SW is to be decommissioned. The water kiosk, filters, water pump and storage tanks shall be dismantled and taken to the TKMP Mbagya yards.

5. Tinga and Gona Water Kiosk governance under SIBO - proposed

Tinga and Gona SW will transition into, and operate under the SIBO water kiosk model once the new waterline is completed and handed over to the company. The new SW water kiosks shall be SIBO registered, water kiosk customized and water meters installed by SIBO. As this new model is business driven it is expected that both Tinga and Gona must collect enough revenue to pay for water bills and use the rest to improve on its operation, investments, saving and distribute dividends to its members. To achieve this the SWPs will need to improve on its water sales and distribution, revenue collection and banking. There will be need for the group to review its by goals group, bylaws, members and operations. SIBO will provide training and licensing alongside installation of water meters, and the provision of technical. Currently SIBO selling bulk water 1000L@KES35/, and caps retailing at the water point between KES 5-15/- for 20L Jerrican.

So far the following proposals are emerging from committee meetings of two SWPs:

- Group visitation of model SIBO community operated water kiosk (or any other) that has registered success in water kiosk operation.
- Group membership shall be by share/ and monthly/yearly member contribution.
- Members shall be drawn from residents of Tinga and Gona in Obambo and must include women and youth.
- Proposal for Gona and Tinga to form a community water enterprise
- The groups will undergo SIBO training.

Further Tinga and Gona SWs have good foundation start as the water points already have committees, group by-laws, group registration certificates and active bank accounts. Further the SWPs have an active group booking, money collection and banking process. The SWPs member will need to review their operations with view of customizing and improve on its operations to meet the SIBO standards.

6. Handing the line to SIBO over

A 'water conversation' between SIBO and Obambo community stakeholders has been proposed ahead of commissioning/handing over of the new water pipeline to SIBO. The community especially Usenge and Nyadiwa has misgivings about SIBO operation in the area. They say that the current SIBO reponse to pipe bursts and repairs hasn't so far been good. The company is also slow when it comes to approval of new connections, and water supply outage/rationing can go for even up to a month. SIBO on its part accuses the community of engaging rogue uncertified plumbers to make illegal connection and repairs that cause pipe damages and leaks – so a meeting with SIBO is being called ahead of handing over in order to have this key conversation on how best SIBO and Obambo community can best partner in the management of this new line. Ultimately, and also hopefully an MoU shall be signed between the community and SIBO as of the handing over and launch of the project. The community see's themselves as key in initiating the water project and thus have key ownership stake in management the water pipeline.

7. Reporting/communication

The TKMP Advisory committee at the Tweed was kept updated about the program activities during the period. The SIBO-Obambo piped water extension project oversight committees bring together reps from SIBOWASCO, Community MCA/County government and TKMP were regularly briefed and updated on the project activities.

8. Income/expenditure statement book

Below is statement of expenditures for Dec 2023 to Feb24 quarter.

Table 2 income/expenditure Dec23 to Feb24

1. SW support:

<u>Date</u>	<u>Income Particulars</u>	<u>Amt (KES)</u>	<u>Date</u>	<u>Expense Particulars</u>	<u>Amt (KES)</u>
20/12/23	Opening Bal B/F	54,142.00	20/03/24	Total PMP fee	535,362.00
	IRF Funds Transfer -			<u>SWP Operator allowances Sep, Oct & Nov23</u>	
24/01/24	SW support	658,260.00	20/03/24	Allowance- Ochilo operator	15,000.00
			20/03/24	Allowance- Manyasi operator	21,000.00
			20/03/24	Allowance- Gona operator	21,000.00
			20/03/24	Allowance- Tinga operator	21,000.00
				Sub-total	78,000.00
				<u>Repairs maintenances</u>	
			20/03/24	Water Pump Service Jun, Jul & Aug23	
				Water Pump Service March24	13,800.00
				Sub-total	13,800.00
			20/03/24	<u>Filter/tank wash:</u>	
				SWP Wash Dec23_Feb24	15,500.00
				Sub-total	15,500.00
			20/03/24	<u>Liaison SIBO/County Govt/community meetings:</u>	
				Liaison meetings & transport	25,000.00
				Sub-total	25,000.00
			20/03/24	<u>Stationery/internet/Tel:</u>	
				Internet/airtime, stationery & p/copy	15,000.00
				Sub-total	15,000.00
				Total bank charges	9,658.50
	<u>Total received</u>			<u>Total PMP/SW support Expenses</u>	692,320.50
	<u>PMP/SW support</u>	712,402.00		Total balance	20,081.50

2. SIBO Obambo Piped

Water:

<u>Date</u>	<u>Income Particulars</u>	<u>Amt (KES)</u>	<u>Date</u>	<u>Expense Particulars</u>	<u>Amt(KES)</u>
06/12/23	IRF Funds 1st Transfer			<u>Confirmatory survey, design and pressure test report</u>	
	SIBO Obambo water	2,155,469.00			
	IRF Funds 2nd Transfer				
	SIBO				
11/12/23	Obambo water	3,738,260.00	11/12/23	SIBO/Civil Scope Engineering	550,000.00
	IRF Funds Transfer -				
	add fund SIBO				
24/01/24	obambo	848,260.00		Sub-total	550,000.00
				<u>Pipeline Materials and Fittings</u>	
			21/12/23	Danco Capital limited - Nairobi	3,337,659.60
			01/03/24	Uholo general Hardware- Kisumu	4,900.00
			01/03/24	Utopia Enterprises - Kisumu	6,700.00
			18/03/24	Cosben Genral Hardware - Kisumu	12,650.00

	20/03/24	Ondugu's Sons Fabricators	5,000.00
	22/03/24	General Equipment Ltd - Kisumu	1,420.00
	22/03/24	Quadstore investments - Kisumu	140,800.00
	23/03/24	Siaya Mega store & various hardwares - Siaya	3,950.00
	24/03/24	Cool Base Hardware - Siaya	139,990.00
		Sub-total	3,653,069.60
	27/03/24	<u>KRA Tax</u>	
		Sub-total	683,382.00
		<u>Trenching, pipe laying and backfilling</u>	
	24/03/24	Total SIBO Backhoe fuel	513,840.00
	25/03/24	Total SIBO operator daily allowances	91,200.00
	25/03/24	SIBO-CivilScope Engineering supervision	200,000.00
	25/03/24	SIBO staff pipeline connection supervision	18,500.00
	25/03/24	Purchase/transportation pipes, ballast, sand, bricks	41,500.00
	27/03/24	Total community manual excavation/laying/backfilling	841,750.00
	27/03/24	Field commuting total fuel	34,807.00
		Sub-total	1,741,597.00
		Other project costs	
		Travel cost to Nairobi - purchase pipe material	35,831.00
		Pre project committee meeting trsport cost	42,000.00
		Site materials and tools	36,065.00
		Photocopy and printing	3,100.00
		Sub-total	116,996.00
		<u>Total SIBO Obambo piped water Expenses</u>	<u>6,745,044.60</u>
		Balance SIBO Obambo project	3,055.60
		add bal SW support	20,081.50
		Less Bank bal 31st March24	2,000.00
		Total Balance	15,025.90
Total	Funds		
<u>Received</u>		<u>6,741,989.00</u>	

9. Way forward –

The following are the planned activities--

- Final water pressure/volume testing and disinfection of the of the new waterline
- SIBO Community conversation/agreement about management of new waterline and Handing over of water line to SIBO;
- Rehabilitation Tinga and Gona SWPs
- Decommissioning of filter and pumps at Tinga and Gona SWPs
- Decommissioning of Manyasi SWP

- Support SIBO Gona and Tinga SWPs develop new water governance model – membership, water supply, revenue collection records book keeping, banking, paying of water bill and reporting
- Reporting/update TKMP Advisory committee at Tweed, and;
- Agree/set TKMP program closure date.

10. Budget March to May 2024

Budget March-May24

<u>Item</u>	<u>Unit</u>	<u>Cost</u>	<u>Total</u>
PMP Fee:			
Program Management fee	1	535,362.00	535,362.00
SW Decommission			
Rehab Ochilo, Tinga and Gona (Annex 1 detailed break down)	1	748,220	748,220
Final operator allowances	2	78000	156,000.00
SIBO Obambo piped water finish/handover:			
SIBO Obambo Piped Incidental repairs	1	100,000	100,000
SIBO Obambo Piped community Edu/handover/launch	1	50,000	50,000
Communication/stationery/internet	3	5,000	15,000
Liaison and meetings	2	10,000	20,000
Bank fee	1	9,000	9,000
Sub total			1,633,582
Less cash balance			8,174.10
Total			1,641,756.1
Less IRF Transfer 09/04/24 (March-May24 sent in advance)			693,577.0
Total request			948,179.10

Budget request for March to May 2024 total **KES 948,179.10**.

Kind Regards,

Olita Ogonjo

PMP/TKMP Siaya