

24 Feb 2019

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

Dear Troy,

RE: Dec 2018 and Jan/Feb 2019 Quarter report, Budget Mar to May 2019.

1. Introduction

This report highlights program activities conducted in the period Dec 2018 to Feb 2019, and includes plans/budget for March to May 2018.

The reporting period was characterized by the usual dry spell coming after poor Sep to Nov 2017 short rains. The dry occasioned significant drop in water levels (and quality) at all the SW areas dams. Gona and Manyasi SW sites were most affected this time. The 2019 season's long rains have been forecasted to start in March. There was however a concomitant rise in water demand, and thus safe water production, supply at the stations in the period as shown in Table 1 summary of water production supplied and revenue collected.

This time very little repairs and maintenances were carried out at the SW sites: Ochilo delivery line replacement, Tinga line repair, Gona and Manyasi excavation of intake areas. All SWPs filters and water pumps were given routine inspection and service, with filters being given weekly wash following drop in dam water levels.

Significant in the period was the drop in fuel retail prices from KES 110/- per liter to KES 102/-

Again, in the period, the long awaited water pipeline funded by Siaya County govt. and SIBO Water Company started operation at Obambo, Usenge market centers and Bar Olengo where a 20L jerry can was sold at KES 5-10/- per liter. The pipeline supplied water at least twice in week so that the rest of the time water was fetched at the SW kiosk/dams.

The of activities during the period was as follows:

2. Technical operation, repairs & maintenance

Status of the Dams: levels of water at all SWP dams reduced with Gona and Manyasi being critical. The water level and quality at Tinga and Ochilo dam looked much better. Gona and Manyasi dams dropped in both levels and quality. The challenge of open access (including increased water demand and damage)

by livestock and people still remains in all the dams. At Gona there was even huge arguments between the committees (trying to bar cattle from remaining waters) and cattle keeper occasioning a meeting chaired by area chief to try and resolve this. We are hoping the dams will soon get recharged again as the long rains approaches.

Siaya county government /Siaya Bondo (SIBO) Water Company pipe water supply line started operations at Obambo and Usenge markets, and Bar Olengo. The water is about 2-3km away from Obambo's Tinga and Gona areas. Homesteads along Siaya-Ratuoro/Dominion dirt road will soon get connected to this waterline. Homesteads and schools located further in the interior may have to wait a bit longer for lines to reach those areas. SIBO have erected community water kiosk model similar to the community SW Kiosks with the names of the Siaya county governor splashed all over the kiosk walls and storage tanks. The SW water stations have also been identified in the water plans to continue serving population further inside who will need to wait a bit longer for the waterlines to reach their homes.

Operator support, training and supervision: TKMP team/operators met in Dec, Jan and Feb to review SW operation progress. The filters are now being soaked, and back washed weekly, and agitated regular daily as many times as possible by the operators. Soak/wash using laundry soap has been stopped, and we are now using chlorine instead, using the chlorine chamber, as opening of the top covers for wash have also been stopped.

Water price – the water price remained at KES 2.50/- per 20Lt jerry can at all SWPs compared to KES 10-5/- per liter at Obambo market. School going children (including ones remain in the homes), the sick and elderly are supplied water free off charge at all the SW points so records show more water supply than revenue being collected. One revenue collection challenge is in the collection of water sale debts in the community.

Water pumps – all the SWP water pumps received regular monthly services involving carburetor wash, plug and oil changes. The suction/delivery lines may need to be extended/replaced. Tinga pump isn't working very well as it seems the part that was put to replace broken impeller is not the correct one.

Water pump Fuel cost – All SWPs purchased own fuel for water pump operations from the revenues being collected and banked by the projects. The cost of petrol fuel dropped, and a liter is now being sold KES 102/-. With irregular changes in fuels cost it may be worthwhile for the program to consider trialing solar pump technology, as these are increasing becoming popular (and getting cheaper too).

Regular filter, pump and tank maintenance/service: PMP Team and the operators carried out weekly/monthly filter cleaning, washing and disinfection. The wash/soak using laundry soap was stopped following instruction for Micheal, and cleaning now involves chlorine soak and backwash – carried monthly (and now weekly because of poor water levels/quality). As part of maintenance the water pumped into header/raw water tank is given ample time to allow settling

of the sediments before filtration is commenced. The filters are all in good working condition.

Repairs carried out: The following is list of repairs and maintenance activities carried out in the period:

Gona Safe water project

- Chlorine soak, clean and wash of the filters
- Water pump service- oil & plug change/carburetor wash
- Inspection, cleaning and disinfection of clean water & header tank.
- SW system inspection.
- F/up training operators and committee on SW system maintenance, hygiene and records.
- Procured 1no lid covers for raw water tanks.
- Excavation and re-fencing of intake area.
- Replacement of O-rings.
- Water meter cleaned/serviced.

Tinga Safe Water Project

- Chlorine soak, clean and wash of the filters
- Water pump service- oil & plug change/carburetor wash – NB we still have problems with the pump!
- SW system inspection cleaning and disinfection of clean water & header tank.
- F/up training operators and committee on SW system maintenance, hygiene and records.
- Procured 2no lid covers for clean and raw water tanks.
- Repair of clean water delivery line.
- Replacement of O-rings.
- Water meter cleaned/serviced.

Ochilo Safe Water Project

- Chlorine soak, clean and wash of the filters
- Water pump service- oil & plug change/carburetor wash
- SW system inspection cleaning and disinfection of clean water & header tank.
- F/up training operators and committee on SW system maintenance.
- Procured 2no raw water tank lid covers.
- Replacement/repair of leaking intake line.
- Replacement of O-rings.
- Water meter cleaned/serviced.

Manyasi Safe Water Project

- Chlorine soak, clean and wash of the filters
- Water pump service- oil & plug change/carburetor wash
- SW system inspection cleaning and disinfection of clean water & header tank.
- F/up training operators and committee on SW system maintenance,
- Repainted raw water tank stand

- Procured 1no raw water tank lid covers.
- Excavation of intake area
- Replacement of O-rings.
- Water meter cleaned/serviced.

3. Safe water production and sales records:

SWPs water produced and income collected and/or banked 20th Nov 2018 to 20thFeb 2018 is illustrated in Table 1. The total amount collected was KES 17975/- where KES 11075/- banked at various SWP community bank accounts. The total expenses were KES 7775/- (mainly fuel and fuel transport costs directly paid from collected water revenue). This time fuel prices dropped to KES 102/ from 110/00 per liter. There were significantly high deficits between expected revenue and actual revenue collected occasioned by unpaid water debts in community, and free water supplied to school going kids, elderly and sick persons. It is a practice in the community for members to draw water at the SW points on credit. The operators are also allowed a personal use of 4x20lt jerry cans daily.

Table 1 SWPs water production, supply and revenue collected 1st Dec 2017 to 20th Feb 2018

SWPs	Opening Meter 20th Nov 2018	Closing Meter 19th Feb 2019	Est. Total Water Produced (litres)	Est. expected Revenue (KES)	Actual Revenue Collected (KES)	Less Expenses(fuel /transprt) (KES)	Amt. for banking	60% Maintenance Contribution (KES)	40% Community acct (KES)
Gona	001859.00	002044.20	185200	19291.67	5945	1900	4045	2427	1618
Tinga	001023.98	001189.12	165140	17202.08	6900	2900	3925	2355	1570
Manyasi	000689.90	000744.20	54300	5656.25	5130	2975	3105	1863	1242
Ochilo	000147.45	000158.50	11050	0.00	0	0	0	0	0
Totals	-	-	415690	42150.00	17975	7775	11075	6645	4430

Note:

1. Expenses mainly fuel and transport cost incurred to bring fuel.
2. No water is sold at Ochilo primary SWP.
3. The deficits between expected and collected revenue were occasioned by free water supplied to school going children, uncollected payments from water supplied/debts (mainly by some committee members at Gona and Tinga), water used by operator and leakages at water points.

4. Strategic improvements

Discussions underway to review TKMP activities/refocus...

5. Community outreach and engagement

Community/committee feedback: 4no project committees including Ochilo Primary's executive committee met in the period. Gona and Tinga committees met at least 5 times in the period.

6. Networking/liaison with govt/NGOs and county leaders

TKMP Siaya continued with engagements of local community, committees and leaders of the area. Our team participated in local community events – meetings, funerals and local public forums/barazas to promote the work we do. In the period contacts were also made with county water office, SIBO Water Company and area leaders to keep Tinga dam road agenda alive.

7. Reporting/communication

The PMP kept in contact/updated the TKMP Advisory committee and key contacts at the Tweed about program, as well as SW community.

8. Way forward – Mar to May 2018 quarter

The following are the items to be addressed in the next quarter:

- Work with TKMP on planning for SWP# 9.
- Emma medical f/up, and reporting.
- Procure extension suction/delivery lines for Gona (@1pc 2'x 6m), Manyasi (1pc 3' x 6m) and Ochilo (@ 1 pc 3' x 6m) water tanks lids for Tinga, Manyasi and Ochilo.
- Ensure Tinga pump is properly repaired, and correct part purchased/installed as it keeps failing.
- Ensure regular filter, SW system and pump cleaning, service, maintenances and repairs carried out, and follow-up/support of the operators.
- Ensure improved water production and distribution, and ensure SWPs records of water production, revenue collected and banked carried out and reported at community meetings.
- Undertake regular operator meeting, supervision and re-training.
- Continue networking/Liaison with government, leaders and NGO stakeholder's.
- Reporting/update TKMP Advisory committee at Tweed.

9. Project income/expenditure statement Dec18 to Feb19

Below is statement of PMP fee and SW support fund received, and expenses incurred for the period 20th Dec 18 to 28th Feb 2019.

<u>Date</u>	<u>Income Particulars</u>	<u>Amt. (KES)</u>	<u>Date</u>	<u>Expense Particulars</u>	<u>Amt. (KES)</u>
20/11/18	Opening Bal B/F	45,851.51	20/02/19	PMP Fee	535,362.00
21/12/18	HOOK Funds Transfer PMP Fee	535,362.00		<u>SWP Operator allowances</u>	
21/12/18	HOOK Funds Transfer SWP	163,664.00	20/02/19	Allowance- Ochilo operator	15,000.00
			20/02/19	Allowance- Manyasi operator	21,000.00
			20/02/19	Allowance- Gona operator	21,000.00
			20/02/19	Allowance- Tinga operator	21,000.00
				Sub-total	78,000.00
				<u>Filter/tank wash:</u>	
			21/12/18	SWP Dec18 Wash	2,015.00
			30/01/19	SWP Jan19 Wash	2,650.00
			20/02/19	SWP Feb19 Wash	2,570.00
				Sub-total	7,235.00

		<u>Flexible water pump suction/delivery pipes</u>	
07/01/19	Gona 10m 2' pipe @KES 1000/-		10,000.00
07/01/19	Tinga 8m 2' pipe@KES 1000/-		8,000.00
07/01/19	Manyasi 10m 3'pipe @1500/-		15,000.00
07/01/19	Ochilo 10m 3'pipe @1500/-		15,000.00
	Sub-total		48,000.00
		<u>Pump coplers</u>	
07/01/19	Gona 2' copler @4pcs		4,800.00
07/01/19	Tinga 2' copler@4pcs		4,800.00
07/01/19	Manyasi 3'coplerc @4pcs		6,000.00
07/01/19	Ochilo 3'coplerc @4pcs		6,000.00
	Sub-total		21,600.00
		<u>Pump maintenance:</u>	
	Water pump service Dec18 & Jan/ Feb19		
20/02/19			12,000.00
	Sub-total		12,000.00
		<u>Chlorine</u>	
18/02/19	5Kg 100% Chlorine powder		3,250.00
	Sub-total		3,250.00
		<u>SW Repairs</u>	
17/01/19	Tinga line repair		1,500.00
	Sub-total		1,500.00
		<u>Tanks lid covers</u>	
	Tank lids covers/screws procured		
20/02/19	Tinga, Manyasi, Gona & Ochilo		7,500.00
	Sub-total		7,500.00
		<u>Ochilo delivery line repair</u>	
24/01/19	Ochilo delivery line repair		2,250.00
	Sub total		2,250.00
		<u>SWP Training/Meeting</u>	
	TKMP Operator meeting transport/meals- Dec18		
21/12/19			5,800.00
	TKMP Operator meeting transport/Meals- Jan19		
19/01/19			2,150.00
	TKMP Operator meeting transport/meals- Feb19		
20/02/19			2,000.00
	Sub-total		9,950.00
		<u>Liaison/meeting</u>	
20/02/19	meeting/liaison		4,500.00
20/02/19	Sub-total		4,500.00
		<u>Stationery:</u>	
	Airtime, stationery scanning p/copy& printing		
20/02/19			7,730.00
	Sub total		7,730.00
20/02/19	Total bank charges		9,762.50
	Sub total		9,762.50
Total received	744,877.51	Total Expense	738,877.00
		Balance	6,000.51
		bank bal. 19th Nov18	1,277.39

Total cash at hand

4,723.12

10. Budget March to May 2019

Below is a modest budget request March – May 19

Item	Unit	Cost	Total
PMP Fee:			
Program Management fee	3	178,454.00	535,362.00
Sub total			535,362.00
SWP Operations:			
Operator allowance	3	26,000	78,000
Filter Maintenance/cleaning	3	2,500	7,500
Pump service maintenance	4	3,000	12,000
Manyasi stand repainting	1	5,000	5,000
General repairs/maintenance	1	5,000	5,000
Operator meeting/ training f/up	3	2,000	6,000
Meetings/liason/Reporting	3	2,000	6,000
stationery	1	5,000	5,000
Bank fee	3	1,500	4,500
Sub total			129,000
Total			664,362.00
Less Bal.			6,000.51
Total amount requested			658,361.49

The budget request for March to May 2019 is KES 658,362/- (Rounded) made up of:

SW Support @ KES 123,000/ (Rounded)

PMP Fee @KES 535,362/-

Kind Regards,

Olita C. Ogonjo

PMP/TKMP Siaya.