

21 Feb 2018

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

Dear Troy,

RE: Dec 2017 to Feb 2018 Quarter report, Budget Mar to May 2018.

1. Introduction

In this report PMP activities for the period Dec 2017 to Feb 2018 are highlighted, including a budget request for March to May 2018.

Life is slowly drifting back to normal in the country following a turbulent 2017 occasioned by stormy political campaigns that disrupted all aspects of social and economic life. TKMP program activities weren't spared.

Dec 2017 to Jan/Feb 2018 period was characterized this time by 'not so acute' dry spell coming after the Sep to Nov 2017 short rains. The SW areas and dams had through out 2017 received substantial rainfall, and were sufficiently recharged for the dry spell. The 2018 season's long rains have already started well in time.

There was a rise in water production, supply and revenue collected in the period. The total volume of SW produced and supplied Dec 2017 to Feb 2018 was 448500lts, and total of KES 25, 445.00 collected and/or banked (out of expected revenue of KES 46, 536.50) in various SWP community accounts. See Tables 1 and 2 summaries of SW water production, supply and revenue collected.

Dam Water User Association (DWUA), bringing together 4no SWPs undertook 1 day workshop on 20th Jan 2018 to discuss the association's life in light of issues and opportunities identified during the 8th November 2016 workshop.

Few minor repairs were carried out -- tank patching up (Ochilo), and Gona and Tinga intake line repair (Ochilo, Tinga and Gona). Tinga SW's header tank has a serious crack/leak and will need to be replaced. All SWPs filters and water pumps were given routine inspection, and monthly wash and service, and are all in good working condition (apart from the damaged filters at Tinga and Manyasi).

At national level, life in the country is gradually going back to normal despite tribal divisions following last years stormy political campaigns and elections. Following President Uhuru's inauguration in Nov 2017 the opposition leader Mr.

Raila (who also boycotted the repeat elections) took a 'mock swearing-in' on 30th Jan 2018 as the people's president. The government's response was to close some TV stations involved in the coverage of the event, made arrests and even deported a Kenyan born Canadian citizen amid public outcry about the government's disregard of court directives, and violation of citizen rights.

The conduct of planned activities during the period was as follows:

2. Technical operation, repairs & maintenance

Status of the Dams: The levels of water at all SWP dams reduced (but this time not critical) with the dry period. The water level and quality at Tinga dam looked better than it had in the past. Gona, Manyasi and Ochilo SWPs dams had dropped in levels and quality, with Manyasi seemingly the most affected. The challenge of open access (including increased water demand and damage) by livestock and people still remains in all the dams. In all the dams have enough water, and will get recharged again in this period of long rains.

Recently Siaya county government in partnership with Siaya Bondo (SIBO) Water Company commissioned 10km pipe water supply line that has reached Usenge area (about 3km away from Obambo's Tinga area). The line supplies water to homes situated along the Siaya Ratuoro/Dominion Farm road, and it may take couple of years before homes in the interior (that also depend on Tinga SW dam) can start to benefit from this county go water government project. The areas within the SIBO supply line get water twice in a week. SIBO has erected community water kiosk model similar to our community SW Kiosks. There is the potential for TKMP-Siaya County Government partnership in ways that enable the un-served homes in the interior parts to access to safe water using technologies such as squirt filters to improve SW at homes.

Operator training and supervision: Gona, Tinga and Manyasi operators met in Dec, Jan and Feb to review SW operation progress. The filters are now being agitated regular daily as many times as possible by the operators to release silt load making the filter cartridges more cleaner. The difference is very clear and noticeable during manual clean of the filter. Further, the filters are also being given time to rest between filtration so that they are not over worked. The operator's revenue target remained KES 4500/- per station per month, and a SW supply target of between 250-300pcs of 20lt jerry cans of clean water per project per month.

Water price – the water price remained at KES 2.50/- per 20Lt jerry can at all SWPs. 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. Community water demand, and willingness to pay has been achieved.

Water pumps – all the SWP water pumps received regular monthly carburetor wash plug check and oil change. The pumps including suction/delivery lines are all in good working condition. The cost of fuel went up by KES 5/- to retail at 110/- per liter. Perhaps later subject to funds availability it may be worthwhile

for the program to consider trialing solar pump technology, as these are increasing becoming popular (and getting cheaper too).

Water pump Fuel cost – All SWPs (including Ochilo) purchased own fuel for water pump operations from the revenues being collected and banked by the projects. The cost of petrol fuel has gone up, and a liter is now being sold KES 110/-.

Regular filter, pump and tank maintenance/service: PMP Team and the operators carried out monthly manual filter cleaning and washing. The cleaning involved soaking filter cartridges in Jik bleach (or chlorine) water, washing, and soaking in citric acid and final clean washing. Gona and Ochilo filters are all in good working condition with Tinga and Manyasi that have been significantly damaged and need replacing. The water tanks also received cleaning – Ochilo header tank had a crack that was patched up and repaired. Tinga header tank will need to be replaced. Discussions with committees are underway for SWPs to start catering for the monthly filter wash expenses i.e. purchase of washing detergents, brushes and buckets from the SW revenue collected.

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

Gona Safe water project

- Dec17, Jan & Feb18 soak, clean and wash of the filters
- Dec18, Jan & Feb18 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.
- Repair of leaks 2” pipe intake /service line.
- Replacement of O-rings.
- Water meter cleaned/serviced.

Tinga Safe Water Project

- Dec17, Jan & Feb18 soak, clean and wash of the filters
- Dec18, Jan & Feb18 water pump service- oil & plug change/carburetor wash
- SW system inspection cleaning and disinfection of clean water & header tank. **NB: Tinga 5000Lt header tank is seriously leak major non-repairable cracks at the base, and will require tank replacement.**
- F/up training operators and committee on SW system maintenance, hygiene and records.
- Repair of leaks pipe intake /service line.
- Replacement of O-rings.
- Water meter cleaned/serviced.

Ochilo Safe Water Project

- Dec17, Jan & Feb18 soak, clean and wash of the filters
- Dec18, Jan & Feb18 water pump service- oil & plug change/carburetor wash
- SW system inspection, cleaning and disinfection of clean water & header tank.
- Repair/patch-up of minor header tank base cracks.
- F/up training operators and committee on SW system maintenance, hygiene and records.
- Replacement of damaged 3” adaptor intake /service line.
- Replacement of O-rings.
- Water meter cleaned/serviced.

Manyasi Safe Water Project

- Dec17, Jan & Feb18 soak, clean and wash of the filters
- Dec18, Jan & Feb18 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.
- Repair of leaks 2” pipe intake /service line.
- Replacement of O-rings.
- Water meter cleaned/serviced.

3. Safe water production and sales records:

SWPs water produced and income collected and/or banked 1st Dec 2017 to 20thFeb 2018 is illustrated in Table 1. The total amount collected was KES 25, 445/00 where KES 12, 345/00 was banked. The total expenses were KES 13100/00 (mainly fuel and fuel transport costs directly paid from collected water revenue). Note fuel cost at the stations rose from previous KES95/00 per liter to 110/00per becoming a single significant expense for SW operations. This time just like previous periods there were significantly high deficits between expected revenue and actual revenue collected. The deficit was occasioned by of this was free water being distributed to children, sick and elderly persons. The operators are allowed a personal use of 4x20lt jerry cans daily, and also a good number members in community (especially committee members) who had taken water with promise to pay later but hadn’t done so in time. Water was used during cleaning of filters, tanks and kiosk area, as well as water overflowing out of jerry cans at the water points.

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

SWPs	Opening Meter 1st Dec 2017	Closing Meter 20 th Feb 2018	Est. Total Water Produced (litres)	Est. expected Revenue (KES)	Actual Revenue Collected (KES)	Less Expenses (fuel/transport) (KES)	Actual banked KES	60% Maintenance Contribution (KES)	40% Community acct (KES)
Gona	1513.09	1656.08	142990	14894.79	7900	4950	2950	1770	1180
Tinga	545.49	783.45	237960	24787.50	10635	5220	5415	3249	2166
Manyasi	580.6	646.4	65800	6854.17	6910	2930	3980	2388	1592
Ochilo	117.4	119.15	1750	0.00	0	0	0	0	0
Totals			448500	46536.46	25445	13100	12345	7407	4938

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.

Table 2 illustrates total revenue collected and banked between Aug 2015 and Feb 2018. As at 20th Feb 2018 the total amount collected and banked by SWPs was KES 220365/00

Table 2 Statement of SWP water revenue collected & banked Aug 2015 to Jan2018

SWPs	Total collected/banked as at Dec2016 (KES)	Jan-Mar17 (KES)	April-May17 (KES)	Jun-Aug17 (KES)	Sep-Nov17 (KES)	Dec17-Feb18 (KES)	Total banked (KES)	Less 60%o&m (KES)	Less 40% CBO (KES)
Gona	85120	8195	165	8395	2735	4220	108830	65298	43532
Tinga	38445	0	685	7185	1055	6585	53955	32373	21582
Manyasi	42140	5730	665	3295	1935	3815	57580	34548	23032
Ochilo	0	0	0	0	0	0	0	0	0
Total	165705	13925	1515	18875	5725	14620	220365	132219	88146

4. Strategic improvements

Community water planning/business plans: PMP has initiated engagements with youths (especially youth active in sports) within the SW areas with the aim of them to be incorporated in SWP business operations. The idea is to facilitate space for the youths in the area to be actively involved in SW operation activities involving community meetings, employment, O&M, water production and supply, dam/catchment management. So far operators at 4no SW sites are youths, and at least half of the committees are also youths. Gona Dam FC have offered to secure the dam from damage by stock and people such as maintaining

the perimeter fence, and removal of excess silt at the pump intake point in exchange for soccer uniforms, balls and related support. Some of the youths are involved in the business of SW supply in the area.

DWUA is yet another strategic improvement emerging out of Siaya program. This will provide platform for broad policy engagement targeting both local communities and county government.

5. Dam Water User workshop

Dam Users Association (DWUA): 2nd DWUA leaders workshop was held on 20th Feb 2018 attended by 16pax leader reps from Ochilo, Gona, Tinga and Manyasi SWPs. This one-day workshop following the one held on 8th Nov 2016 was again co-facilitated by Lawrence Apiyo (a community water governance expert) and TKMP. The workshop sessions were:

- Reports from Manyasi, Ochilo, Tinga and Gona SWPs
- Recap 8th Nov 2016 meeting issues
- Manyasi valley and River Yala water & catchment situation – community perspective (summary)
- DWUA – who we are, where are we going, what will take us there...
- Plan of Activities (POA)

Due to time limit (again following late start and extensive discussions) the DWUA visions and goal setting was given as homework for individual SWPs to discussion ahead of DWUA meeting set 23rd March 2018. Emerging from the session were:

- Need for DWUA to make ‘Katiba’ (association by laws), elect/nominate association officials and register as an association to champion issues of water, catchment and governance in Manyasi Valley and River Yala catchment.
- Need for DWUA to forge partnership with SWP area and other dam user communities, county government, CSOs and individuals working in the area.
- Need to leverage more funding and support to local development of water and sanitation infrastructure focusing on schools, community centers and homesteads, and promote sustainable environmental management and local governance.

Way forward –

1. Leaders present will report back to their committees/communities, to give/receive feed back - March 18.
2. Leaders meeting 23rd March 2018 (venue Manyasi SWP).
3. Katiba and Association Registration – March/April 18.
4. Engagement with key county government offices, Dam user communities, key CSOs organization in the area – May 18

6. Program motorcycle

In the period TKMP Siaya received a brand new Honda 125cc motorcycle to be used in program activities. The motorcycle details are:

- Model Ace Ch126
- Engine no 113103825
- Color blue
- Rego. KMEH 922z
- 2no reflectors and 2no helmets
- Manual/warranty booklet of 4000km warranty

7. Emaculate

On 8th Jan 2018 I accompanied Emma and her mum Anjeline to Nakuru for doctors review appointment that had been arranged by Nakuru's Kenya Health staff. It was first time Emma was being reviewed by a doctor about her condition. Emma was seen by Dr. Kimotho (Dental and Maxilla-Facial Surgeon), who referred her to a ultra sound and scan of her chin. The doctor's final report, I believe is with Kenya Health and must have reached TKMP (TSC) committee.

Emma is an 11yo class 5 pupil at Ochilo primary where we first met her during a routine SW maintenance. The schools head teacher's requested if we can find medical assistance for her so we made SOS appeal to TKMP (TSC) committee and Kenya Health to help. Emma has speech and hearing problem caused by a 'tumorous' swelling on the right side of her face. Other kids often bully her because of her condition. A medical treatment will be a life changing experience for herself, her family and community. In her community in Ting Wangi, the dominant narrative about her condition was that 'the work of God must not be corrected' pointing to a sense of resignation and acceptance of Emma's fate.

8. 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 6 times in the period with Manyasi committee meeting 4 times. The main agendas at the meetings were: dam management, SWP operations, DWUA and upcoming committee elections. Tinga committee discussed (and even followed up) the Governor's promised funds to support Tinga dam fencing and cattle trough that was yet to be received.

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

Overall, the safe water projects and by extension TKMP Siaya continues to enjoy the local community support, and acknowledgement of good work by county government and leaders. In the period we made contacts with county water office, WRMA, Ministry of Water and SIBO Water Company. TKMP staff also participated at Chief's barazas.

10. Reporting/communication

PMP team kept TKMP Advisory committee at the Tweed updated, as well as provided monthly report of SWPs performance to committees and community.

11. Way forward – Mar to May 2018 quarter

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

- Replacement of Tinga water storage tank.
- Support DWUA continued development of vision-goal setting, and effective engagement between SW area and county government.
- F/up youth participating in WASH using soccer.
- F/up on Emma, and/or link her with Kenya Health.
- F/up on TKMP Committee on sanitation component for Siaya program.
- Ensure improved water production, marketing and sales by the projects.
- Undertake regular operator meeting, supervision and training.
- Facilitate SWPs recording, collection, banking and reporting to community and TSC.
- Manual cleaning and servicing of filters, meters and pipelines.
- Monthly onsite servicing and maintenance of water pumps.
- Networking/Liaison with government, leaders and NGO stakeholders.
- Reporting/update TKMP Advisory committee at Tweed.

12. Project income/expenditure statement Dec17 to Feb18

Below is statement of PMP fee and SW support fund received, and expenses incurred for the period 20th Dec 17 to 20th Feb 2018.

<u>Date</u>	<u>Income Particulars</u>	<u>Amt. (KES)</u>	<u>Date</u>	<u>Expense Particulars</u>	<u>Amt. (KES)</u>
25/11/17	Opening Bal. B/F	3,967.86	20/02/18	PMP Fee	525,865.00
	HOOK Funds Transfer	524,865.00		<u>SWP Operator allowances</u>	
20/12/17	PMP Fee				
	HOOK Funds Transfer	197,335.00			
20/12/17	SWP (rounded)		16/02/18	Allowance- Ochilo operator	15,000.00
			16/02/18	Allowance- Manyasi operator	21,000.00
			16/02/18	Allowance- Gona operator	21,000.00
			16/02/18	Allowance- Tinga operator	21,000.00
				Sub-total	78,000.00
				<u>Filter washes:</u>	
				SWP Dec17, Jan18 & Feb18	
			16/02/18	Wash	9,420.00
				Sub-total	9,420.00
				Water pump services Dec17, and Jan & Feb18	
			16/02/18		12,600.00
				Sub-total	12,600.00
				<u>Repairs</u>	
			02/01/18	Gona repair - line	5,150.00
			23/01/18	Tinga repair	2,650.00
			19/02/18	Ochilo repair - line	2,000.00
			22/01/18	Tanks repair - Ochilo	2,350.00
				Sub-total	12,150.00

		<u>SWP Training/Meeting</u>	
21/12/17	TKMP Operator meeting transport- Dec17	800.00	
21/12/17	TKMP Operator meeting meals- Dec17	1,200.00	
10/01/18	TKMP Operator meeting trp - Jan17	800.00	
10/01/18	TKMP Operator meeting meals - Jan17	1,500.00	
16/02/18	TKMP Operator meeting - Feb18	800.00	
16/02/18	TKMP Operator meeting meals - Feb18	1,650.00	
	Sub-total	6,750.00	
		<u>DWUA workshop</u>	
20/02/18	Hall hire	5,500.00	
20/02/18	Transport @800*16	12,800.00	
20/02/18	Meals/tea/soda 20pax @400/- Stationery -flip chart, books, pen	8,000.00	
20/02/18	Facilitator	1,350.00	
20/02/18	Facilitator	5,000.00	
20/02/18	Sub-total	32,650.00	
		<u>Liaison/meeting</u>	
20/02/18	Meeting/liaison -county	5,000.00	
	Sub-total	5,000.00	
		<u>Stationery:</u>	
20/02/18	Airtime, stationery scanning p/copy& printing	7,500.00	
	Sub total	7,500.00	
	Total bank charges	2,648.13	
	Sub total	2,648.13	
Total received	726,167.86	Total Expense	692,583.13
		Bank bal 20th Feb 18	26,303.30
		Cash at hand	7,281.43

13. Budget March to May 2018

Below is a budget request Mar – May18

Item	Unit	Cost	Total
PMP Fee:			
Program Management fee	3	174,955.00	524,865.00
Sub total			524,865.00
SWP Operations:			
Operator allowance	3	26,000	78,000
Filter Maintenance/cleaning	3	3,500	10,500
Pump service maintenance	3	3,500	10,500
Tinga water tank (roto 5000lt) incl transport	1	65,000	65,000
General repairs/maintenance	2	5,000	10,000
Operator meeting/ training f/up	2	3,000	6,000
Dam Water Users -support	1	10,000	10,000
Meetings/liason/Reporting	1	5,000	5,000
Bank fee	3	1,100	3,300
Sub total			198,300
Total			723,165.00
Less Bal.			33,584.73
Total amount requested			689,580.27

The budget request for March to May 2018 is KES 687,102.20 made up of:

PMP KES. 524,865/00

SWP KES. 164, 715/30 (rounded)

Kind Regards,

Olita C. Ogonjo

PMP/TKMP Siaya.