

20thFeb 2016

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

Dear Troy,

RE: Feb and Mar 2016 Program Report/Budget April to June 2016.

1. Introduction

This Feb-Mar 2016 TKMP PMP report highlights activities taking place in the period, and budget request for April to June 2016. In the period several community meetings took place, repairs/maintenance works and operator support. The revenue collected and banked from water sale/distribution as at 29th Feb 2016 was KES 33985/- --an increase of 56.7% compared to last quarter. A total of 136457liters of water was produced/distributed in Jan/Feb compared to 120199liters in Oct-Dec period. These increases were as a result of growing demand for clean water occasioned by the dry season, and scare of cholera out break in the area.

The area continued to experience dry spell with the metrological department predicting that the rains may come late in May. The water levels at the dams have dropped greatly with Tinga and Manyasi SWPs almost getting to critical levels.

Cholera outbreak was reported at least twice in quarter where up to 20 people got hospitalized. A consortium of NGOs operating in Siaya collaborating with the county government health department conducted a test of all public water (and eating) sources in the area including three SWPs. The tests found SWPs water most suitable for human use compared to available open source commonly used by the people. The government has since instructed the local level administration/chiefs to ensure that communities fetch water from safer sources such as SWPs causing a further rise in water demand form SWPs.

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

2. Technical operation, repairs & maintenance

O&M plans: An outline O&M plan to provide guidance on SWPs management is to be shared with TKMP Advisory Committee and project committees for comment and input.

Dam Users Association: Planned Dam Water Users Association workshop was put on hold to allow individual projects to finalize the election of new official, formal registration of the groups and opening of bank accounts. Gona project, which had already elected new officials, finalized the drafting of group by-laws for the management of the SWP and dam. It was now following up group registration and opening on bank account. Tinga and Manyasi are expected to do the same

next quarter. Ochilo SWPs is under the management of the school's Parent Teachers Association (PTA) committee.

Operator training and supervision: TKMP PMP personnel carried out operators training and supervision on records keeping, pump/filter cleaning and maintenance. Dustcoats, gumboots, work-gloves, cleaning soap brushes and buckets were purchased for operators and SWPs sites.

SW operating schedule: The project committees and TKMP staff dealt with numerous incidences of operator late opening of the kiosks, and/or closing the earlier than the stipulated time. This followed complaints from community residents about late opening and/or early closure of the projects. The SWPs (apart from Ochilo primary school) open at 8.30am, and close at 5.30pm. There is 1hour daily lunch break from 1pm to 2pm.

Regular filter, tank maintenance/service: In the period 2no manual soaking, cleaning and washing of the filters and SWPs system were carried on 8-10th Feb, and again 10th-14th March. This time powder chlorine was procured and used to disinfect the system and treat the clean water. The usual filter membranes soaking and cleaning using citric acid and bleach were carried out. The filters, especially Tinga and Manyasi, were this time dirtier due to silt/mud load in the dams as water level dropped with the dry season. The high water demand/use by people and livestock also put pressure on the projects and dams. The receding dams caused the operators to shift the intake area further inside the dams to find appropriate water level to enable adequate pump operations. TKMP and committees have planned for the removal of the excess silt/mud load from the intake areas. I have also been in discussion with Marty Hancock on possible ideas that can help improve the intake area and/or protect the pump and filters. Should the dry persist, and water levels further drop we may have to suspend the operations and wait for the rains.

Water Pumps: Monthly pumps check and oil change was carried out. Ochilo pump was taken to Siaya for carburetor cleaning. TKMP team also made sure the operators handled and operated the pumps as required.

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

Gona Safe water project

- Manual soaking, cleaning, washing and disinfecting the filter membrane using citric acid, bleach Jik and chlorine powder.
- Tank wash, SWPs system and water treatment using chlorine powder.
- Repair of leaking 2" line/service line.

Tinga Safe Water Project

- Manual soaking, cleaning, washing and disinfecting the filter membrane using citric acid, bleach Jik and chlorine powder.
- Tank wash, SWPs system and water treatment using chlorine powder.

Ochilo Safe Water Project

- Manual soaking, cleaning, washing and disinfecting the filter membrane using citric acid, bleach Jik and chlorine powder.
- Tank wash, SWPs system and water treatment using chlorine powder.
- Repair of leaking 2" line into raw water/tank. NB The raw water tank still leaking due to three cracks and will need replacement.

Manyasi Safe Water Project

- Manual soaking, cleaning, washing and disinfecting the filter membrane using citric acid, bleach Jik and chlorine powder.
- Tank wash, SWPs system and water treatment using chlorine powder.

Fair water price/pricing: Water was sold for KES 2/50 per 20litre jerry can at all the SWP kiosks. Independent operators (IO) either using motor cycles, push bikes or donkey carts fetched water from the kiosk which they supplied to businesses and homesteads at KES 10/- per 20lt Jerrycan. I observed a lady at Obambo market selling water supplied from Gona SWP packed in small plastic bags for KES 5/-. The IO also supplied water to homes, near by schools and businesses.

Project fuel, spares and parts: The projects (other than Ochilo primary safe water project) received clean fuel in the period. This time due to increased water use the fuel consumption by the projects also increased. A total of KES 9100/- was used by the projects compared to KES 7200/- last quarter.

Status of dam water sources: The Jan – Mar dry period occasioned the drop in dam water levels, and rise in demand for water by people and livestock. The filters and SWP system were inundated with dirt and silt, and had to be cleaned twice in the period. There was also an increase in the number of livestock coming to water at the dams. TKMP and operators are closely monitoring the silt loads at dams especially Tinga and Manyasi – should the situation become s critical then the operation maybe suspended until it rains.

3. Safe water production and sales records:

Table1 SWP depicts water production, income collected and banked in the period. The total amount collected and banked in Feb/mar 2016.

Table 1 1st Jan 2016 to 20th Mar 2016 safe water projects production, sales and revenue.

SWPs	Opening Meter 1 st Jan 2016	Closing Meter 17 th Mar 2016	Est Total Water Produced (liters)	Est expected Revenue (KES) NB*	Actual Revenue Collected/Banked (KES) NB*	60% Maintenance Contribution (KES)	40% Community acct (KES)
Gona	00359.00	00423.09	31080.00	3237.50	3180.00	1908.00	1272.00
Tinga	00140.118	00648.00	22161.00	2308.50	2570.00	1542.00	1028.00
Manyasi	00145.5	00183.40	19900.00	2073.00	4445.00	2667.00	1778.00
Ochilo NB***	00038.00	00044.019	6019.00	-	-	-	-
Totals			79160.00	7619.00	10195.00	7295.40	4863.60

NB

1. * Water volume/expected revenue are based on estimate calculation out of difference between opening/closing meter reading/estimate no of jerry cans sold.
2. ** Actual amount collect has also been banked.
3. *** No water is sold at Ochilo primary SWP.

Table 2 illustrates total revenue collected and banked 1st Aug 2015 and Feb 2016.

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

Project	Aug015	15-Sep	Oct015	Nov015	Dec015	Jan016	Feb016	Total banked	Less 60%o&m	Less 40% CBO
Gona	545.00	495.00	585.00	670.00	1295.00	1885.00	2915.00	8390.00	2154.00	1436.00
Tinga	995.00	1280.00	765.00	210.00	1295.00	1085.00	2875.00	8505.00	2727.00	1818.00
Manyasi	765.00	3050.00	2515.00	350.00	4465.00	2525.00	3420.00	17090.00	6687.00	4458.00
Ochilo	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	2305.00	4825.00	3865.00	1230.00	7055.00	5495.00	9210.00	33985.00	11568.00	7712.00

An updated SWP water production sales, revenue and banking excel spreadsheet is to be sent to Teena for input.

4. Community outreach and engagement

Community/committee feedback: TKMP staff participated in SWPs committee/community meetings taking place in the period.

Gona finalized the dam/SWP by-laws, and immediately started enforcing the rules with the support of local leader and area chief. Two outstanding incidence taking place in the period: 1) a community member caught swimming in the dams and fined 2000/- or labor equivalent, and 2) 12no youth caught fishing in

the dam were each given reduced fines of KES 700/-. The committee is in the process obtaining a formal registration certificate to allow it open/operate a bank account on behalf of the community.

Tinga held one meeting in the Feb where members called for group election of officials, which was long over due. The committee made follow-ups with the area chief to set the election dates. Also discussed were Tinga dam de-silting to be followed up with county government, and resolution that Kubar primary school pupil may collect water at the kiosk once a day during lunch break.

Manyasi committee held two meetings where the main agenda were: writing of dam/SWP bylaws, opening of group bank account and removal of silt/mud from the intake area.

In March TKMP staff met with new Ochilo primary school headmaster Mr Olum and school's PTA Chairman committee to discuss the toilet problem at the school. The school having about 400 pupils has greatly benefited from SWP facility at the school. The school has three pit toilet blocks for: girls, boys and another for teachers. The toilets are all filled up and broken down causing the pupils to use the nearby bush. Also half of the pupils go to school bare feet. Ochilo School is seeking help to put up a school toilet block, which may well augment the gains from SWP.

SW water demand/payment/revenue collection: There has been remarkable increase in clean water use/demand by the community. A total of 136457liters of water was produced/distributed in Jan/Feb compared to 120199liters in Oct-Dec. The revenue collected and banked from water sale/distribution as at 29thth Feb 2016 was KES 33985/- an increase of 56.7% compared to last quarter. These increases were as a result of growing demand for clean water occasioned by the dry season, and scare of cholera out break in the area.

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

Efforts were made to make contact with Governor Siaya County, including county officer incharge of water. TKMP met with Water Resource Management Authority (WRMA) and Ministry of Water officials. We also visited NGO offices of Care Kenya, World Vision and Red Cross to exchange information about programs in the area. TKMP will now be participating in future Siaya NGO consortium meetings.

TKMP staff also attended/participated at meetings chaired by local Chief/assistant chief at Obambo centre that presided over fining of persons caught either swimming and/or fishing in Gona dam.

6. Reporting/communication

During the period the PMP team kept TKMP Advisory committee at the Tweed updated.

7. Way forward – next quarter

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

- Undertake regular operator meeting, supervision and training.
- Ensure regular filter, SW system and pump cleaning, service and maintenances.
- Ensure improved water production and distribution.
- Ensure SWPs records of water production, revenue collected and banked carried out and reported at community meetings.
- Assist Gona, Tinga and Manyasi SWPs committees elect official, acquire CBO registration, open, deposit water sales monies and operate bank account.
- Ensure TKMP participate at Ochilo Primary School PTA meetings.
- Replace damaged 3no Manyasi push taps with ordinary water taps.
- Ensure continued enforcement of dam/SWPs by-laws by community in collaboration with community, local leaders and local level administration/chief.
- Continue networking/Liaison with government, leaders and NGO stakeholders.
- Reporting/update TKMP Advisory committee at Tweed.
- Follow-up with Greg Jones/Tweed SWPs committee on proposed SWP 6 activities/visit to Kenya.
- Host Frank Stadler, PHD student planning to study “Maggot debridement therapy supply chain management in Kenya” using TKMP.

8. Project income/expenditure statement

Date	Particulars	Amt (KES)	Date	Particulars	Amt (KES)
20/01/16	Bal b/f	33436.00	20/03/16	Total PM Fee Jan/mar 2016	342,000.00
15/02/16	HOOK Funds Transfer SWP	92564.00		Operator Allowances	
15/02/16	HOOK Funds Transfer PMP fee	342000.00	20/03/16	Allowance- Ochilo operator	8000.00
			20/03/16	Allowance- Manyasi operator	12000.00
			20/03/16	Allowance- Gona operator	12000.00
			20/03/16	Allowance- Tinga operator	12000.00
				44,000.00	
				Stationery/Meetings/liason	
			25/01/16	Easy Coach Parcel courier to Nakuru	200.00
			16/02/16	Internet bundles -TKMP report	1500.00
			12/3/16	Photocopy/calculator	2050.00
				3750.00	
				Repairs/maintenance/Fuel	
			23/02/16	Filter cleaning, soaking & washing	7680.00
			23/02/16	Ochilo pump service	2400.00
			9/3/16	Ochilo- repair intake line/tank	9600.00
			10/3/16	Gona Intake line repair	5700.00
			12/3/16	TKMP/Operator meeting- Transport	1500.00
			12/3/16	TKMP/Operator Siaya meeting- refreshment/snacks	4307.00
			20/01/16	Fuel cost Feb/Mar 2016	9100.00
			18/03/16	Operator PPE - gumboots, gloves, dust coats, buckets	24510.00
			20/03/16	Bank charges	2013.00
				66,810.00	
	Total received	468000		Total Expense	456,560.00
				Bank balance	11,440.00

9. Budget April 2016 to June 2016

Item	Unit	Cost	Total
Program Management fee	3	171000.00	513,000.00
Operator allowance	3	22000.00	66,000.00
Ochilo 5000l raw water tank replacement/transport	1	65000.00	65,000.00
Manyasi pushtap replacement with 2no ordinary taps	1	6500.00	6,500.00
Filter Maintenance/cleaning	2	8000.00	16,000.00
General Repairs/maintenance	3	5000.00	15,000.00
operator training	1	10000.00	10,000.00
Meetings/liason	3	5000.00	15,000.00
Total			691,500.00
Less balance c/f Feb/Mar 2016			11,440.00
Total amount requested Apr to Jun 2016			680,060.00

The budget request for Feb to June 2016 is KES 680,060.00

Kind Regards,

Olita Ogonjo
PMP/TKMP Siaya.