

20 February 2020

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

Dear Troy,

**RE: December 2019 to February 2020 report, Budget March to May 2020.**

## **1. Introduction**

Kindly receive the December 2019 to February 2020 report highlighting Siaya program activities in period. Also included in this report is a program budget for March to May 2020.

In the period TKMP participate at Ochilo Primary School 2020 inaugural Board of Management (BoM) meeting on 14<sup>th</sup> Feb 2020. Other activities taking place in the period were SW operator and committees support, routine maintenance works of the SW including water production/distribution records maintenance, Gona tank repair, Manyasi delivery line repair works and preparations for Ochilo line repair works.

As shown in Table 1 in the period 220510 liters volume of water was produced and/or distributed by the SW stations, of which KES 10,205/- collected amount collected from water sales in the period. The water production and distribution even though still low was still higher than the September to Nov 2019 period. The high rainfalls occasioned the low water demand and SIBO piped water supply completion particularly in Sep to Nov 2019, and Jan 2020. Reduced rainfall, and SIBO water outage in Dec19, and Jan/Feb 2020 occasioned slight increase in SW demand. The SW dams sources had improved levels water though with increased silt loads.

This time a total amount collected and/or banked in period was KES 10,205/- (an increase by KES 4000/- from last quarter) with KES 6,090/- banked. An estimated 220510 liters of water was produced and distributed a marked increase from last quarters 142350 liters of water.

Significant event in the period was the desert locust plague where Kenya and EA countries faced serious swarm invasion which according to FAO had already disseminated over 200, 000 acres of land in the region making an humanitarian disaster. Billions of locust fed on and destroyed acres of vegetation that supports rural farming and livelihood of millions of people in the region. Experts linked the locust spate with the recent unusual heavy rains in the region circa climate change. As am filing this report locust have invaded Kisumu County's Muhoroni and Migori County about 5hrs drive from Siaya. There has been panic among farmers in the SW areas. Swarms of locust or *Bonyo* as its called in the local Luo language have cultural significance in the area and even some people born during the last plague would be named *Obonyo* (male) or *Abonyo* (female). People and animals would also feed on locust. The UN have called for immediate remedial action ahead of the March/April rainy season that will bring fresh vegetation that the locust need to breed.

Other significant happening in the period has been the renewed energy to unite Kenyans following last years President Kenyatta and Opposition leader Raila Odinga peace accord arising from the 2017 election skirmishes, and the push to fight the country's runaway corruption. On the ground we have observed increased Siaya county government responsiveness in roads and water infrastructure repairs following the destruction by the recent heavy rains.

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

## **2. Technical operation, repairs & maintenance:**

*Status of the SW Dams:* The dams remained full, and with loads of silt occasioned by the recent heavy rains. The county government engineers and key officers visited/held meeting with Tinga where the repairs for both the road and dam was said would be starting/ending before this march's long rain season begins. Somehow Tinga Dam and SW sites have become significant landmarks attracting the interests of planners, beyond the community, within Siaya county government, roads, electricity power and water agencies.

*Operator training and supervision:* The SW operators received support for records keeping, filter cleaning and maintenance pump maintenance and kiosk area hygiene from program team. The major project closure in the period was at Ochilo and Manyasi where damaged supply pipelines damaged either during county roadwork and/or by the recent heavy rains were to be repaired. The repairs at Ochilo have been planned in late Feb and are to involve and/or benefit from part contribution (i.e. excavation/trenching labor sand, ballast and cement) from the school's parents, teachers and schools board of management.

*Operator support, training and supervision:* TKMP team/operators held meeting in December 2019 and January 2020. There has been ongoing regular daily to weekly visits of the SW points by the TKMP ground staff.

*Water price* – remained at KES 2.50/- per 20Lt jerry can at all SWPs except Ochilo where water was provided for free to the 800plus school kids and teachers. The SIBO water company kiosks remained closed throughout the quarter due to pipe breakages and water outage issues making the SW points main source of water in the areas for the period. Individual independent operators continued to purchase water cheaply in bulk, and supply to businesses and homesteads at KES 10/- per jerry can either using motorcycles, push bikes and donkey carts.

*Water Pumps:* The SW Honda water pumps were taken to Siaya's Cool Base Company for routine monthly service involving oil and plug change, and carburetor wash. There was no major repair needed for the pumps this period. Operator pump care training follow-up were also carried out at each of the SW sites.

*Regular filter, pump and tank maintenance/service:* monthly filter chlorine soak and wash/disinfection, including SW kiosk area clearing of grass vegetation and plastic waste were carried out routinely. Following the flooding and heavy rains the SW sites experienced increased snakes and rats infestation that were found hiding in corners and/or underneath the filter and tank installations. The operators/SW users had also to take ex-cautionary safety measures within and outside the kiosk areas.

*Fair water price/pricing:* Water price continued to be KES 2/50 per 20litre jerry can at all the SWP Kiosks except Ochilo where water was provided for free to the school kids and teachers. SIBO water kiosks remained closed throughout the quarter making the SW points main source of water in the period. Individual independent operators continued to purchase water in bulk, and supply to businesses and homesteads at KES 10/- per jerry can either using motorcycles, push bikes and donkey carts.

*Project fuel:* All the SW projects purchased own fuel.

Summary of Repairs/support carried out in the period:

#### **Gona Safe water project**

- 4no Filter cleaned, soaked, backwashed and disinfected.
- Header raw water tank crack sealed/repared and cleaned/disinfected.
- Cleaning and disinfection of clean water tank.
- Operator follow-up and support.
- 2no leaking taps repaired
- O-rings replaced
- Water pump and meter serviced.

#### **Tinga Safe Water Project**

- Filter cleaned, soaked, backwashed and disinfected.
- Clean water and raw tanks cleaned/disinfected.
- Operator follow-up and support.
- O-rings replaced.
- Water pump and meter serviced serviced.

#### **Ochilo Safe Water Project**

- Ochilo delivery line repaired – trenching, excavation and replacement of 3no 2' pipes
- Filter cleaned soaked and backwashed.
- O-rings replaced.
- Water pump and meter cleaned/serviced.

#### **Manyasi Safe Water Project**

- Filter cleaned and soaked.
- Delivery pipeline from dam unblocked and repaired.
- Filter cleaned, soaked, backwashed and disinfected.
- Clean water and raw tanks cleaned/disinfected.
- Operator follow-up and support.
- O-rings replaced.
- Water pump and meter serviced.

### **3. Tinga Dam wall and roads access repair:**

Siaya County engineers and officials met with community on the 3<sup>rd</sup> and 7<sup>th</sup> Feb where the to repair Tinga road and dam wall were discussed and agreed to start in two weeks. Also discussed were the fencing, cattle trough and additional water storage

tanks to support the current SW one. The transfer of the current spillway to its original point was also proposed but met with opposition by a section land owners who felt their individual lands may be affected should there be overflow/flooding. The touchy issue of dam's land boundaries arose during the meetings and a proposal to bring in government land surveyor made.

#### **4. Ochilo school meetings and line repair:**

TKMP attended Ochilo Board of Management (BoM) meeting on the 14<sup>th</sup> Feb that discussed and agreed on among other agenda items the Ochilo SW waterline damaged by county road contractor when putting up a new road along the school. The school has been going through a serious water shortage since school reopened after the holidays in January. TKMP could not carry out any immediate repairs as this time the school was needed to obtain a way leave permission from the county government allowing it to trench and/or repair the school's SW waterline as it did cross the new dirt road constructed last year. The county granted the school the permission in Feb. During the BoM the school agreed to provide sand, ballast and labor (manual excavation/refilling of the 150m trench line, and ferrying of materials), and TKMP to provide the required 3no 2" PPI pipes and skilled labor. The line will be repaired in the week beginning 23 to 29<sup>th</sup> Feb. The school will also be following up the county contractor through the county government to repay cost of repair of the damaged pipeline.

Other items at the meeting include – 2019 Kenya Certificate of Primary Examinations (KCPE) where Ochilo School had 32 candidates seating for this important exam that allows primary school pupils to proceed to secondary level education. Out of the 32 only 5 pupils got passed – 1no girl got 404 mark out of required 500marks making here one of best performer in the county. The other 4 got above 265marks. 17no pupils got less than 200marks. Thus the school had overall poor results but was able to produced one best KCPE candidate in Siaya county. One factor that is contributing to bad results in the school is poor/lack of proper early child prep at nursery, pre-unit and lower classes that contributing to critically low language and numeracy literacy by the time the pupils graduate into the upper classes. The school lacks enough teachers and/or funds to employ teachers to properly attend to the lower classes, as well as food to keep the school kids going through the day.

#### **5. Safe water production and sales records:**

Table1 SWP shows water production, water revenue collected and/or banked in the period. This time a total amount collected and/or banked in period was KES 10,205/- (an increase by KES 4000/- from last quarter) with KES 6090/- banked. An estimated 220510 liters of water was produced and distributed a marked increase from last quarters 142350 liters of water.

**Table 1 Dec 2019 to Feb 2020 SW water production, and revenue collected and /or banked**

SWPs	Opening Meter 21st Nov 2019	Closing Meter 20th Feb 2020	Est. Total Water Produced (litres)	Est. expected Revenue (KES)	Actual Revenue Collected (KES)	Less Expenses (fuel/transport) (KES)	Amt. for banking	60% Maintenance Contribution (KES)	40% Community acct (KES)
Gona	002488.08	002647.08	159000	16562.50	5160	1950	3210	1926	1284
Tinga	001457.62	001512.43	54810	5709.38	3830	1710	2120	1272	848
Manyasi	000771.60	000778.30	6700	697.92	1215	455	760	456	304
Ochilo	000583.01	000583.01	0	0.00	0	0	0	0	0
<b>Totals</b>			<b>220510</b>	<b>22969.79</b>	<b>10205</b>	<b>4115</b>	<b>6090</b>	<b>3654</b>	<b>2436</b>

NB

1. No water supplied at Ochilo primary SWP in the period due to pipe damage.
2. Elderly, sick and school going children receive free water at Gona, Tinga and Manyasi SW sites.

## **6. Partnership proposal with International Water Centre (IWC)**

IWC's Dana and John recently in January approached the program seeking partnership where IWRM Masters students would be provided the opportunity to use the program for study for their final research or placement work. This indeed has the potential of raising the program profile, providing space for academic reflections and also support some of our on ground work especially in the area of community WASH, livelihood and climate change. However, there will be need for further discussion and Tweed TKMP committee's will be critical. The student placement support will also have resource implications.

## **7. Community outreach and engagement**

SW project committees including Ochilo Primary's executive committee and Tinga met in the period to discuss the project operations among other issues. Community election of new official is due for all the SW stations.

## **8. Networking/liaison with govt/NGOs and county leaders**

Overall, the safe water projects enjoy the support of the local community and key leaders including the local chiefs and village elders, MCAs for respective SW areas, county water office, WRMA and Ministry of Water. TKMP continued to interact with key leaders and contacts to promote program values.

## **9. Reporting/communication**

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

## **10. Way forward – March to May 2020 quarter**

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

- Complete Ochilo pipe repair – Feb/march 2020

- Re-painting and repair of the SW kiosks
- Provide PPE – Gumboots, glove, dustcoats and cleaning materials for SWP operators.
- Procure quality water pumps delivery/suction pipelines and pump couplers for each of the SW site
- Undertake regular operator meeting, supervision and training.
- Ensure improved water production, distribution, revenue collection records and reporting by the projects
- Recording, collection, banking reporting and of water sales revenues.
- Ensure regular filter, SW system and pump cleaning, service, maintenances and repairs carried out, and follow-up/support of the operators.
- Represent TKMP at Ochilo Primary school BoM meetings.
- SW project committees conduct statutory elections
- Revive Dam Water users.
- Undertake regular operator meeting, supervision and re-training.
- Continue networking/Liaison with government, leaders and NGO stakeholders.
- Reporting/update TKMP Advisory committee at Tweed.

## 11. Project income/expenditure statement

<u>Date</u>	<u>Income Particulars</u>	<u>Amt. KES)</u>	<u>Date</u>	<u>Expense Particulars</u>	<u>Amt. (KES)</u>
20/02/20	Opening Bal. B/F	16,719.84	20/02/20	<b>PMP Fee</b>	535,362.00
	HOOK Funds Transfer	123,280.00		<b><u>SWP Operator allowances Dec19, Jan &amp; Feb20</u></b>	
22/12/20	SWP				
	HOOK Funds Transfer	535,362.00			
06/01/20	PMP Fee		20/02/20	Allowance- Ochilo operator	15,000.00
			20/02/20	Allowance- Manyasi operator	21,000.00
			20/02/20	Allowance- Gona operator	21,000.00
			20/02/20	Allowance- Tinga operator	21,000.00
				<b>Sub-total</b>	<b>78,000.00</b>
				<b><u>Repairs</u></b>	
				<b><u>Pump maintenance:</u></b>	
			20/02/20	Water pump services Dec19, Jan & Feb20	9,500.00
				<b>Sub-total</b>	<b>9,500.00</b>
				<b><u>Filter/tank wash:</u></b>	
			20/02/20	SWP Wash Dec19, Jan & Feb20	7,350.00
				<b>Sub-total</b>	<b>7,350.00</b>
				<b><u>Ochilo Pipeline Repair work</u></b>	
			20/02/20	Ochilo water line repair	11,850.00
				<b>Sub-total</b>	<b>11,850.00</b>
				<b><u>Gona Tank Leak Repair/sealing</u></b>	
				Gona raw water tank leak repair	3,500.00
				<b>Sub-total</b>	<b>3,500.00</b>
			31/01/20	<b><u>SWP Training/Meeting</u></b>	
				TKMP Operator meeting	
			20/02/20	transport/meals- Jan20	4,500.00
				TKMP Operator meeting	
				transport/Meals-Feb20	3,500.00

		<b>Sub-total</b>	<b>8,000.00</b>
	20/02/20	<b><u>Liaison/meeting</u></b>	
		Meeting/liaison	7,200.00
		<b>Sub-total</b>	<b>7,200.00</b>
	20/02/20	<b><u>Stationery:</u></b>	
		Airtime, stationery scanning p/copy& printing	5,600.00
	20/02/20	<b>Sub total</b>	<b>5,600.00</b>
		Total bank charges	3,480.06
<b>Total received</b>	<b>675,361.84</b>	<b>Sub total</b>	<b>3,480.06</b>
		<b>Total Expense</b>	<b>669,842.06</b>
		<b>Balance</b>	<b>5,519.78</b>
		<b>Bank bal. 20th Feb20</b>	<b>121.43</b>
		<b>Total cash at hand</b>	<b>5,398.35</b>

## 12. Budget Feb 2016 to June 2016

Item	Unit	Cost	Total
<b>PMP Fee:</b>			
Program Management fee	3	178,454.00	535,362.00
<b>Sub total</b>			<b>535,362.00</b>
<b>SWP Operations:</b>			
Operator allowance	3	26,000	78,000
Filter Maintenance/cleaning	3	2,500	7,500
Water pump service maintenance	4	2,500	10,000
4no x 8m Pump suction lines	4	10,800	43,200
4no Kiosk painting/Repair	4	7,500	30,000
Manyasi pipeline repair	1	5,000	5,000
Operator meeting/ training f/up	1	5,000	5,000
Meetings/liaison/Reporting	2	2,500	5,000
Stationery	2	2,500	5,000
Bank fee	3	3,000	9,000
<b>Sub total</b>			<b>197,700</b>
<b>Less bal.</b>			<b>5,519.78</b>
<b>Total request</b>			<b>192,180.22</b>

The budget request for March to May 2020 is KES 727,542.20 made up of:

SW support – KES 192,180/20

PMP fee – KES 535,362/00

Kind Regards,

**Olita Ogonjo**  
**PMP/TKMP Siaya.**