

25th August 2017

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

Dear Troy and TKMP Committee Members.

**RE: June to August 2017 Program Report/Budget September to November 2017.**

## **1. Introduction**

This period the SW dam sources had above average water level, and SW stations were all in good operating condition. The short rains expected to start in September will further recharge the dams. As illustrated in section 5 this time there was increase in safe water produced, supplied and revenue collected at all the SW sites compared to previous period.

In 8<sup>th</sup> August the country conducted the National Election where close to 15 million Kenyans voted peacefully and dutifully despite the simmering tensions occasioned by the political campaigns. However during the vote tallying a day after the voting accusations of rigging soon started. Once the Kenya's Independent Electoral and Boundaries Commission (IEBC) declared Mr. Kenyatta as the presidential winner protests started that later turned violent with serious standoff between police and protestors resulting into loss of lives (mainly through shooting by police), properties destroyed and businesses closed in major cities and towns such as Nairobi (hotspots were slums areas of Kibera, Mathare, Korogocho, Dagoretti and Dandora), Kisumu, Homabay, Migori and Siaya. In Siaya the protestors barricaded major roads causing the town to close and at least 2no deaths reported. Human Rights groups stated that some 24 people died (including 2 children) with significant number of people injured from police shooting and beatings. Governor Rasanga was re-elected as Siaya county governor for another term.

Despite these incidences SW operations proceeded with no incidence of closure or damage apart from the Election Day when the sites were closed to allow operators to participate in voting. TKMP/PMP staffs and their families remained safe.

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

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

The following is summary of technical maintenance of SWP facilities specifically filters and tank wash, pump service and general repairs were carried out in the period.

*Operator training and supervision:* Support was provided to SW operators for records keeping, pump/filter cleaning and maintenance at SWPs. The operators and SW committees have been receiving good support from new Records Officers Mr Movine Otieno and Duncan Otwecho (also on training) have been helping with records keeping at water points, and also back stopping treasurer's records keeping and assisting with banking.

*Regular filter, tank maintenance/service:* manual soaking, cleaning and washing of the filters and SWPs system was carried out at all SWP sites in June, July and August. The operators, PMP staff and volunteers from the community washed clean the filters using powder soap, day-soaked the filters in citric acid then washed, and then another day-soak in powder chlorine after which a final wash was conducted.

*Water Pumps:* All the SW pumps are in good working condition. The repairs and service carried out were:

- Tinga and Manyasi water pumps were taken to Kisumu's Honda centre for specialized repairs. Tinga pump had pump seal replaced as it had a leak, and was serviced as well. Manyasi pump had engine knock received pump engine ring and gasket change.
- Gona and Ochilo had usual monthly service involving oil and plug change.

*Fair water price/pricing:* Water price has remained KES 2/50 per 20litre jerry can at all the SWP kiosks, where other unsafe supplies cost between KES 10 to 20/- per 20litre jerry can. The SWP has opened up water vending opportunity for women and youth. The water vendor purchase clean safe water at SWPs station and supply it to residents and businesses at extra charge of up to KES 10 per 20litre jerry can.

*Project fuel, spares and parts:* The revenue collected by individual SWPs is now being used to purchase fuel for the project operations. TKMP supports maintenance and repairs of filters and pumps, and operator allowances.

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

### **Gona Safe water project**

The repairs and maintenances carried out were:

- Repair of damaged intake line damaged by people and motorcycle using intake area as foot/motorcycle path.
- Re-fencing of SW Kiosk, tank and intake area to protect site from damage by stock and people, and prevent people using intake area as a foot/motorcycle path. This was initiative of the committee funded out of community SW monies that costed KES 21,000/-
- Service of water pump – oil and plug changed, and carburetor cleaned.

- Manual soaking, washing and disinfecting the filter membrane/housing using citric acid, bleach and chlorine powder.
- Tank removal of sludge, wash and water treatment using chlorine powder.
- Provided support to operator/committee to resume SW operations.

### **Tinga Safe Water Project**

The project resumed operation following dam rehab. The maintenance work carried out were:

- Nigel visit and support of Tinga Dam's spillway and retaining wall repair.
- Repair and service of water pump – ferried pump to Honda dealer in Kisumu for replacement of worn-out pump seal and service on 22<sup>nd</sup> July 2017.
- Purchase of new 2" by 2m suction/delivery line to replace old one.
- Manual soaking, cleaning, washing and disinfecting the filter membrane using citric acid, bleach and chlorine powder.
- Tank wash and water treatment using chlorine powder.
- Provided support to operator/committee on SW operation.

### **Ochilo Safe Water Project**

- Manual soaking, cleaning, washing and disinfecting the filter membrane using citric acid, bleach and chlorine powder.
- Tank wash, SWPs system and water treatment using chlorine powder.
- Provided support to operator/committee on SW operations.

### **Manyasi Safe Water Project**

- Water pump repair/service – ferried pump to Honda dealer in Kisumu for replacement of rings, carburetor cleaned and plug/oil changed on 22<sup>nd</sup> July 2017.
- Manual soaking, cleaning, washing and disinfecting the filter membrane using citric acid, bleach and chlorine powder.
- Tank wash, SWPs system and water treatment using chlorine powder.
- Purchased 3' cap to seal caps the pump inlet.
- Provided support to operator/committee on SW operation

## **3. Tinga Dam – Nigel to the Rescue 6<sup>th</sup> to 14<sup>th</sup> June 2017**

TSC Engineer Nigel Dobson travelled to Kenya to help make the recently rehabilitated Tinga dam safe. Following the heavy rains in March and April, the dam became unsafe and posed a danger to residents and nearby properties due to its rising water levels occasioned by a malfunctioning of the spillway. Nigel arrived on 6<sup>th</sup> June and worked with Tinga Dam committee and TKMP staff to repair the main spillway, construct and rock armor a 2<sup>nd</sup> spillway, and raise the retaining wall height. We directly hired an excavator and a 14-ton lorry for work that took for the works. The TSC Engineer undertook rapid survey, and consulted with the community before undertaking the works. Initially the community had reservation about the construction of additional (or emergency) spillway but after discussions with Nigel work soon started. Nigel and TKMP staff also visited the county water offices and SWPs (Gona, Manyasi and Ochilo).

Earlier in May and early June TKMP staff repaired the livestock trough feeder pipeline at the dam, and constructed gate valve chamber. Nigel departed on 14<sup>th</sup> June having completed the dam rescue work. Tinga dam seems to be safe and contain plentiful water for the residents. The biggest problem is the contractor recently sent from the county to repair the access road next to the dam – the contractor has set up a rock gabion to protect the road and thus re-direct the floods onto the dam walls. TKMP/ community has been unable to continue with rock armoring of the wall due to the contractor work at the site. The community have since lodged complaint at the county offices. As we report the contractor hasn't finished the work, and dams walls are too exposed/risk of being eroded should we have floods. The other minor challenges include: open access by stock despite attempts by water committee to control livestock access; and, significant number of people still prefer to fetch water directly from the dam for washing, watering vegie gardens and animals and cooking. Drinking water is mostly fetched from the SW stations.

The dam is in need of perimeter fence and cattle trough will be needed for the dam. We hope with elections now over the County Government will release KES 2million earlier allocated and/or promised to Tinga Dam to be used to construct a perimeter fence around the dam area, construct cattle/livestock trough, toilet/bathrooms and provide additional safe water storage tank.

Overall, Tinga community remains thankful to TSC for the support, and especially the fact that the dam has cleaner water.

*Tinga dam – access road:* The recent March/April rains caused damage to access road along the Tinga dam. Flood waters from the hill and valley, and spilling out of the dam eroded the road. In July county government commissioned the urgent repair of the road—the contractor has since commenced setting/building up road rock gabion protection along the road that also seem disregard possible future damage to Tinga dam wall. Tinga committee lodged complaint with county office, and waiting for construction to be completed so that they may continue with setting up of rock armor along the wall/planting of grass on the dam walls.

#### **4. Dam Water Users Association**

The engagements on Dam Water Users Association (DWUA) stalled due to political campaigns and elections. We hope to pick this up next quarter.

#### **5. 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 June to August 2017.

**Table 1 20<sup>th</sup> May 2017 to 20th Aug 2017 safe water projects production, sales and revenue.**

Opening Meter 20 <sup>th</sup> May 2017	Closing Meter 20 <sup>th</sup> Aug 2017	Est. Total Water Produced (litres)	Est. expected Revenue (KES)	Actual Revenue Collected/Bank ed (KES)	60% Maintenance Contribution (KES)	40% Community acct (KES)	Comments
1318.02	1440.03	122010	12709.40	8395.00	5037.00	3358.00	Low but improved compared to last quarter
427.8	502	74200	7729.15	7185.00	4311.00	2874.00	Low but improved compared to last quarter
519.3	561.8	42500	4427.10	3295.00	1977.00	1318.00	Remained Low
138.4	142.06	0	0	0	0	0	Nil sales
	<b>Totals</b>	<b>238710</b>	<b>24865.65</b>	<b>18875.00</b>	<b>11325.00</b>	<b>7550.00</b>	

Note – SW projects bought fuel from the monies collected at SW stations

## 6. Community outreach and engagement

*Community/committee feedback:* Again, this time we had few SWPs committee/community meetings taking place due to political campaigns and Kenya National elections. TKMP staff kept in close link with committee members and key community contacts. Gona and Manyasi did not have any meeting. Tinga committee held two meetings in June, and one community wide meeting in July 2017. At the meeting the community expressed deep gratitude to TSC and TKMP for the support.

Tinga committee meetings in the period finalized dam by-laws, and addressed the management of dam and SWP. The committee lodged complaint with County offices over the road works that risked damaging the dam walls. Also proposals were made to wait till after Kenya National Elections to follow up KSHS 2mil County for dam perimeter fence, construction livestock watering trough and toilet/bathrooms.

## 7. Networking/liaison with County Govt.

There was little networking as local leaders, county staff and other key government contacts were involved in political campaigns and National Election that took place in the period.

## 8. Reporting/communication

In the period the PMP team kept in regular contact with TKMP Advisory committee at the Tweed, and also updating the SW committees on SWP progress and issues.

## 9. Way forward – next quarter

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

- Repaint/facelift the SWP stations.
- Ensure regular filter, SW system and pump cleaning, service, maintenances and repairs carried out.
- Ensure improved water production and distribution, and ensure SWPs records of water production, revenue collected and banked carried out and reported at community meetings.

- Complete Tinga dam wall armor and grass planting on walls and spillway. Follow-up with county's on KES 2million to enable put up perimeter fence, cattle trough, additional SW tanks and toilet/bathroom at Tinga;
- Undertake regular operator meeting, supervision and training.
- Ensure regular monthly Gona, Tinga and Manyasi SWPs committees meetings held, and also ensure TKMP participate at Ochilo Primary School PTA meetings.
- Conduct DWUA planning and action meetings.
- 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.

#### **10. TKMP PMP Project Expense June to August 2017**

<u>Date</u>	<u>Income Particulars</u>	<u>Amt.(KES)</u>	<u>Date</u>	<u>Expense Particulars</u>	<u>Amt.(KES)</u>
24/05/17	Opening cash at bank	9546.3	22/08/17	<b>PMP Fee</b>	<b>524,682.60</b>
24/05/17	Opening cash at hand	6217.7		<b><u>SWP Operator allowances</u></b>	
19/06/17	HOOK Funds Transfer PMP Fee	524682.5	22/08/17	Allowance- Ochilo operator	15,000.00
19/06/17	HOOK 1st Funds Transfer SWP	141736	22/08/17	Allowance- Manyasi operator	21,000.00
30/05/17	HOOK 2nd Funds Transfer_ Tinga dam additional	500000	22/08/17	Allowance- Gona operator	21,000.00
14/06/17	HOOK 3rd Funds Transfer_ Tinga dam additional	50000	22/08/17	Allowance- Tinga operator	21,000.00
23/07/17	HOOK 4th Funds Transfer_ visa/airticket	200000		<b>Sub-total</b>	<b>78,000.00</b>
				<b><u>Repairs operation maintenance:</u></b>	
			29/05/17	Ochilo tank repair	6,000.00
			20/06/17	SWP Jun, Jul & Aug17 Wash	11,660.00
			03/06/17	Gona in takeline repair	3,000.00
			10/06/17	Tinga SWP delivery line repair	2,050.00
				Manyasi & Tinga pump repair &transport	18,000.00
				<b>Sub-total</b>	<b>40,710.00</b>
				<b><u>SWP Training/Meeting</u></b>	
			16/06/17	TKMP Operator meeting - Transport Jun 17	1,200.00
			16/06/17	TKMP Operator meeting - Tea Jun17	1,480.00
			07/07/17	TKMP Operator meeting -TransportJul 17	1,200.00
			07/07/17	TKMP Operator meeting - Tea Jul 17	980.00
			21/08/17	TKMP Operator meeting - Tran/tea Aug17	2,880.00
				<b>Sub-total</b>	<b>7,740.00</b>
				<b><u>Stationery/Meetings/liaison:</u></b>	
				Airtime, stationery scanning p/copy& printing	4,925.00
				<b>Sub total</b>	<b>4,925.00</b>
				<b><u>Tinga Livestock feeder pipeline repair</u></b>	
			29/05/17	Livestock pipeline excavation/repair	8,000.00
			31/05/17	Livestock chamber construction	19,400.00
				<b>Sub-total</b>	<b>27,400.00</b>
				<b><u>Tinga Dam- Nigel</u></b>	
			08/06/17	Hire excavator x 3 days@KES 80000/-	240,000.00
			08/06/17	Fuel - excavator x 3days @ KES 20200/-	60,600.00
			08/06/17	Excavator operator @3days @ KES 3300/-	9,900.00
			08/06/17	Excavator mobilization/demobilization	60,000.00
			08/06/17	Lorry hire x 1day	32,000.00
			17/06/17	Hardcore 20 loads @KES 5000/-	100,000.00
			08/06/17	Rock armor building labor	9,900.00
			08/06/17	Excavator night security	1,500.00
			08/06/17	Nigel meals/tea - prepared during dam rescue	4,220.00
			14/06/17	Kisumu airport parking fee	180.00
			14/06/17	Fuel transport - Nigel visit	7,600.00
			29/06/17	Easy Coach Courier - Nigel's Bag	400.00
				<b>Sub-total</b>	<b>526,300.00</b>
				<b><u>Visa/Airticket</u></b>	
			03/07/17	FA600 Visitor/Business Visitor visa fee	14,419.74
			13/07/17	TLS service fee	4,200.00

	13/07/17	Visa - printing/photocopy	300.00
	15/07/17	Visa - bus transport Siaya to Nairobi & back	2,000.00
	25/08/17	Air ticket – emirates	157,695.00
	25/08/17	Transport Siaya-NBI-Siaya (f/up airticket)	3,000.00
	25/08/17	Yellow fever vaccination	6,500.00
		<b>Sub total</b>	<b>188,114.74</b>
	24/08/17	Total bank charges	3,411.80
		<b>Sub total</b>	<b>3,411.80</b>
1432182.5		<b>Total Expense</b>	<b>1,401,284.14</b>
		<b>Bal. 25th Aug 2017</b>	<b>30,898.36</b>
		<b>Cash Bank</b>	<b>29,105.50</b>
		<b>Cash in hand</b>	<b>1,792.86</b>

## 11. Budget Sep to Nov 2017

### Budget Sep - Nov 2017

Item	Unit	Cost	Total
<b>PMP Fee:</b>			
Program Management fee	3	174,895	<b>524,684</b>
<b>SWP Operations:</b>			
Operator allowance	3	26,000	78,000
Filter Maintenance/cleaning	3	3,500	10,500
Pump service maintenance	3	3,500	10,500
General repairs/maintenance	3	3,500	10,500
Repainting projects	1	22,500	22,500
Operator meeting/ training f/up	3	3,000	9,000
Dam Water Users -meeting/workshop	1	30,000	30,000
Meetings/liason/Reporting/Tinga dam rehab f/up	2	5,000	10,000
Bank fee	3	1,000	3,000
<b>Sub total</b>			<b>184,000</b>
<b>Total</b>			<b>708,684</b>
<b>Less Bal.</b>			<b>30,898.36</b>
<b>Total amount requested April to June 2017</b>			<b>677,785</b>
<b>(Bank</b>			<b>29,105.50)</b>
<b>(Cash in hand</b>			<b>1,793)</b>

The budget request for June to August 2017 is rounded KES 677,785/- made up of:

**SWS – 184, 000.00**

**PMP – 524, 684.00**

Kind Regards,

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