

20th May 2018

To
General Manager,
Tweed Shire Council and,

Tweed Kenya Mentoring Program (TKMP) Committee.

Dear Troy and TKMP Committee Members.

RE: March and May 2018 Program Report/Budget June to Aug 2018.

1. Introduction

The heavy rainfall and flooding in the period caused loss of lives, and destruction of properties and infrastructure. Over 170 people are said to have died with thousands being displaced by flooding in various parts of the country. Siaya and Nakuru were among the areas severely affected by flooding. In Siaya the rains/flooding wrecked havoc on farms, properties and displaced families living along Yala River and swamp areas including Lake Kanyaboli. In Nakuru the Patel Dam in Solai's broke its walls resulting into immense damage and loss of lives (upto 40pax died and 300 families displaced). Yet again, this flooding mayhem brought into focus the country's inability to effectively plan and manage our critical catchment areas, poor infrastructure development and lack of preparedness in face of disasters.

The SWPs were not spared, where at Tinga dam a sidewall (on the main spillway side) was being slowly eroded storm water heightened by unfinished road works commissioned by Siaya County government. The waters caused deep trenches which also cut-off people especially children going to Kubar and Obambo schools, and those needing to go to Obambo market and fetch water from Tinga. Manyasi SW remained closed for most part of the period as the Kiosk was completed marooned with paths leading to the kiosk inundated by water flowing out of the dam. At Gona SW the water supply line was exposed out of the ground by floodwaters. The water also destroyed farms, and inundated homes and grazing land in the area.

2. Statuses of SW Dams

Status summary of SW dams following the heavy rains:

- *Gona Dam* – dam completely filled up, walls intact and in good condition. The only repairable damage was on the supply line exposed and slightly damaged by floodwater. We managed to secure/patch it up as we plan proper repair ones the rains subside.
- *Tinga Dam* – dam is in good state, properly filled up. Tinga is receiving volumes of water from already filled Nyalnawe and Manyasi dams located upstream. The dam's sidewall has been gradually eroded by storm water

occasioned by unfinished road works by a contractor sent by the county government. The governor's office has been notified by the committee/community on the need for the road (and dam wall) repaired urgently. 2017/18 budget indicates KES 2million was allocated to support Tinga dam's rehabilitation, and some more allocated for the road repair.

- *Manyasi Dam* – water is flowing over the retaining wall, and has inundating the paths leading to SWP/dam. The SW pump intake area and pipe are completely submerged under water. The dam has no spillway, and the retaining wall may have been weakened. Siaya county budget 2017/18 indicated that KES 4.5 million was allocated for this dam's rehabilitation.
- *Ochilo Dam* – completely filled and in good condition no damage detected on SW infrastructure but for inundation of homes and farm down stream. Water coming out of the dam flows downstream into River Yala.

3. Technical operation, repairs & maintenance

Despite the heavy rains TKMP team ensured the maintenance of SWP assets at all the 4 sites. Gona, Tinga and Ochilo SWPs remained opened in the period even with rains and drop in water demand. Manyasi closed for most part of the period as the SW station and/or the paths leading to the station were either marooned and/or cut off by floodwaters.

SW asset labels, Register/codes: PMP received asset labels/codes from Tweed's Rob/Nicolas to help asset management. Rob/Nicolas will be working with Siaya team to develop a simple asset management register.

Operator training and supervision: TKMP's PMP team continued to provide support to the operators in maintenance of the water pumps, filters and records at all SWPs. 3no team meeting/training involving operators were held in the period.

Regular filter, tank maintenance/service: PMP team conducted cleaning/disinfection of filters and tanks, and routine inspection/servicing of lines throughout the period. Gona and Ochilo filters are in good working condition. Tinga and Manyasi are severely damaged and in of need replacement. A new water storage tank was purchased for Tinga to replace the old/cracked one.

Water Pumps: all the 4no water pumps received monthly service (carburetor wash plug check and oil change). All the pumps are in good working condition.

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

Gona Safe water project

- Inspection/patrol of SW system.
- Repair of leaks pipe intake /service line damaged by floods

- Mar and May18 soak, clean and wash of the filters/prefilter
- Cleaning and disinfection of clean water & header tank.
- Mar, April and May18 water pump service- oil & plug change/carburetor wash
- F/up operator on SW system maintenance/reported damage.
- Replacement of O-rings.
- Water meter cleaned/serviced.

Tinga Safe Water Project

- Inspection/patrol of SW system.
- Tinga 5000Lt header tank purchased for replacement.
- Mar and May18 soak, clean and wash of the filters/prefilter
- Mar, April and May18 water pump service- oil & plug change/carburetor wash
- Cleaning and disinfection of clean water & header tank
- F/up operator on SW system maintenance/reported damage.
- Replacement of O-rings.
- Water meter cleaned/serviced.

Ochilo Safe Water Project

- Inspection/patrol SW system.
- Mar and May18 soak, clean and wash of the filters/prefilter
- Mar, April and May18 water pump service- oil & plug change/carburetor wash
- Cleaning and disinfection of clean water & header tank.
- F/up operator on SW system maintenance/reported damage.
- Replacement of O-rings.
- Water meter cleaned/serviced.

Manyasi Safe Water Project

- Inspection/patrol SW system.
- Mar and May18 soak, clean and wash of the filters/prefilter
- Mar, April and May18 water pump service- oil & plug change/carburetor wash
- Cleaning and disinfection of clean water & header tank.
- F/up operator on SW system maintenance/reported damage.
- Replacement of O-rings.
- Water meter cleaned/serviced.

Fair water price/pricing: The water prices remained KES 2/50 per 20litre jerry can at all the SWP kiosks. There was low SW demand at all the stations due to the heavy rains.

Project fuel, spares and parts: SWP committees and Ochilo School purchased fuel from the revenue collected out of water sale or school's funds. TKMP PMP provided support – repairs, spares and parts support.

4. Safe water production and sales records:

Table below SWP depicts water production, income collected and banked in the period.

Table 1 1st Mar 2018 to 19 May 2018 safe water projects production, sales and revenue.

SWPs	Opening Meter 20 th Feb 2018	Closing Meter 19 th May 2018	Est. Total Water Produced (litre's)	Est. expected Revenue (KES)	Actual Revenue Collected (KES)	Less Expenses (fuel/transport) (KES)	Actual banked	60% Maintenance Contribution (KES)	40% Community acct (KES)
Gona	1656.08	1703.01	46930	4888.54	2940	1010	1930	1158	772
Tinga	783.45	832.72	49270	5132.29	3360	1410	1950	1170	780
Manyasi	649.8	654.5	4700	489.58	460	0	460	276	184
Ochilo	117.4	119.15	1750	0.00	0	0	0	0	0
Totals			102650	10510.42	6780	2420	4340	2604	1736

Note:

1. Expenses mainly fuel, and transport cost incurred to bring fuel.
2. During the period the high rainfalls caused low water demand that reduced SWPs water production, sales and distribution in the period.
3. Manyasi had lowest production occasioned by flooding of the SWP site and access paths.
4. Water at Ochilo primary SWP is distributed to students at no charge.
5. Again, 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.

5. Community outreach and engagement

Community/committee feedback: There were very few meetings with the heavy rains in the period. The planned meetings were either post phoned because of the rains, and many people were also busy in their farms. Tinga committee held most meetings in the period to follow-up County government about the damage being caused by floods on their dam. Manyasi held a meeting in May occasioned by demise of their treasurer M/s. Caroline Atieno Odour. Gona had no meeting in the period.

6. Emaculate

On 10th April 2018 I accompanied Emma and her mum Angeline to Nakuru to be admitted for surgery. Emma was operated on 12th and discharged on 14th April 2018. She was reviewed on 2nd May 18. At the moment Emma is back in school. The funding was provided by TSC staff/TKMP. Kenya Health will have provided to TKMP an update report on Emma.

7. Dam Water Users Association

On 23rd March Dam Water Users Association (DWUA) held leaders meeting attended by 7pax (out of 16pax), a follow up meeting to the 20th Feb 2018 workshop. Also discussed was the ongoing flood.

8. Networking/liaison with County Govt.

TKMP continued to support SW committee's engagements with county government and leaders. Tinga committee mobilized to office of Governor Siaya County, Obambo Kadenge Member of County Assembly (MCA) and Member of Parliament (MP) to petition for the repair of Tinga dam currently being damaged by an incomplete road trenched by contractor sent by county government. The committee also made follow up on KSHS 2mil allocated by county for Tinga dams rehab works – which they required for construction cattle trough, perimeter fence, additional SW storage tanks and a toilet for Tinga's Ka-Tom market.

9. Reporting/communication

PMP team kept in regular contact with TKMP Advisory committee at the Tweed, and as well as the SW committees. PMP provided back to the committee/community a statement of SW water production, sales and monies banked which were displayed at each SW station.

10. Way forward – Jun to Aug 2018 quarter

The items proposed in the next quarter are as follows:

- Assess/report on SWPs infrastructure status/damage following the heavy rains.
- Repair Gona service line exposed/damaged by floods.
- Repair of Manyasi intake area/delivery line inundated by water.
- Complete the development of asset management register.
- Undertake meeting with SW committees, and DWUA meetings.
- Support Tinga committee F/up County to repair road/dam damage.
- F/up youth participating in WASH using soccer.
- F/up with TKMP Committee on sanitation component for Siaya program.
- 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.

11. TKMP PMP Project Expense Mar and May 2018

Below is statement of PMP fee and SW support fund received, and expenses incurred for the period.

<u>Date</u>	<u>Income Particulars</u>	<u>Amt.(KES)</u>	<u>Date</u>	<u>Expense Particulars</u>	<u>Amt.(KES)</u>
20/03/18	Opening bal. B/F	34,146.10	21/05/18	PMP Fee	524,865.00
16/03/18	HOOK Funds Transfer PMP Fee	524,865.00		<u>SWP Operator allowances</u>	
16/03/18	HOOK Funds Transfer SWP (rounded)	165,000.00	19/05/18	Allowance- Ochilo operator	15,000.00
			19/05/18	Allowance- Manyasi operator	21,000.00
			19/05/18	Allowance- Gona operator	21,000.00
			19/05/18	Allowance- Tinga operator	21,000.00
				Sub-total	78,000.00
				<u>Filter wash:</u>	
			12/03/18	SWP Mar18 Wash	4,170.00
			14/05/18	SWP May18 Wash	4,680.00
				Sub-total	8,850.00
			19/05/18	Water pump service Mar, Apr & May18	16,000.00
				Sub-total	16,000.00
				<u>Repairs</u>	
			11/05/18	Gona repair – line	2,950.00
				Sub-total	2,950.00
			27/04/18	Tinga water 5000lt storage tank	59,400.00
				Sub-total	59,400.00
				<u>SWP Training/Meeting</u>	
			17/03/18	TKMP Operator meeting transport- Mar18	1,000.00
			17/03/18	TKMP Operator meeting meals- Mar18	330.00
			14/04/18	TKMP Operator meeting transport- Apr18	1,000.00
			14/04/18	TKMP Operator meeting tea/soda- Apr18	400.00
			19/05/18	TKMP Operator meeting transport- May18	1,000.00
			19/05/18	TKMP Operator meeting tea/soda- May18	400.00
				Sub-total	4,130.00
			04/05/18	Bus transport to Nairobi collect asset stickers (sent by Nicolas/Rob)	2,450.00
				Sub-total	2,450.00
				<u>Liaison/meeting</u>	
			21/05/18	Meeting/liaison	5,800.00
				Sub-total	5,800.00
				<u>Stationery:</u>	
			21/05/18	Airtime, stationery scanning p/copy& printing	8,438.00
				Sub total	8,438.00
			21/05/18	Total bank charges	4,468.70
				Sub total	4,468.70
				Total Expense	715,351.70
				Bank bal. 20th Feb 18	2,126.55
				Cash at hand	6,532.85
	Total received	724,011.10			

12. Budget June to August 2018

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	4,500	13,500
Pump service maintenance	4	4,000	16,000
General repairs/maintenance	3	7,500	22,500
Operator meeting/ training f/up	3	3,000	9,000
Dam Water Users -support	1	10,000	10,000
Meetings/liaison/Reporting	3	2,500	7,500
Bank fee	3	1,500	4,500
Sub total			161,000
Total			685,865.00
Less Bal.			8,659.40
Total amount requested			677,205.60

The budget request for June to Aug 2018 is KES 677, 205.60.00 made up of:

PMP KES. 524,865/00

SWP KES. 152, 340/60

Kind Regards,

Olita Ogonjo

PMP/TKMP Siaya.