



REPUBLIC OF KENYA
MINISTRY OF WATER AND SANITATION



TANATHI WATER SERVICES BOARD
(TaWSB)

REPORT

On:

KAJIADO COUNTY WATER PROJECTS

October 2018

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1 INTRODUCTION

TANATHI Water Services Board (TaWSB or TANATHI) is one of the eight water services boards established under section 51 of the Water Act 2002 and created on June 4, 2008 through a Legal Notice No.69 contained in the Kenya Gazette Supplement No.25. It is responsible for the efficient and economical provision of water in the four (4) Counties of Kajiado, Makueni, Machakos, and Kitui.

The Boards' area of jurisdiction has a population of 4,941,137, the current water accessibility and coverage is 41.5% that is 2,052,041 being served, sanitation access 63.8% that is 3,150,635 having access to sanitation and a sewerage coverage of 11.3% that is 559,220 being served in both rural and urban areas. After completion of the ongoing and planned projects the Board will have increased water accessibility and coverage to over 65% (3,211,739 people), increased access to sanitation to over 80% (3,952,909 people) sewerage coverage to over 25% (1,235,284 people)

Mandate

In terms of section 68 of the water act 2016, the powers and functions of the water works development agency shall be to;

- Undertake the development, maintenance and management of the national public water works within its area of jurisdiction;
- Operate the waterworks and provide water services as a water service provider, until such a time as responsibility for the operation and management of the water works are handed over to a county government, joint committee, authority of county governments or water services provider within whose area of jurisdiction or supply the waterworks is located;
- Provide reserve capacity for purposes of providing water services where pursuant to section 103, the Regulatory Board orders the transfer of water services functions from a defaulting water services provider to another licensee;
- Provide technical services and capacity building to such county governments and water services providers within its area as may be requested; and provide to the Cabinet Secretary technical support in the discharge of his or her functions under the Constitution and this Act.

Vision

A model water and sewerage infrastructure development board.

Mission

To develop accessible robust bulk water and sewerage infrastructure for Kajiado, Machakos, Kitui and Makueni counties in line with Kenya's Vision 2030.

Strategic Objectives

1. Increase customer satisfaction
2. Increase bulk water and sewerage coverage
3. Improve corporate image
4. Strengthen partnerships

Core values

TAWSB core values are: Excellence, Integrity, Responsiveness, and Teamwork

2 CAPITAL PROJECTS

2.1 COMPLETED

No.	NAME OF PROJECT/ PROGRAM	SCOPE	COST(KES) '000 000	FINANCIER	STATUS/ REMARKS	OUTCOME
1.	Kajiado Water Supply Project	Drilling of 4No. Boreholes, Equipping of 2No. Boreholes Fabrication and erection of 1 No. 250m ³ overhead steel tanks, Laying of a 12Km, 800mm dia. Gravity main. Rehabilitation of the 110m ³ & 50m ³ elevated steel tanks	84	GoK/ KIDDP	Complete and operational	Supplies 22,000 people with clean water.

2.2 ONGOING

No.	NAME OF PROJECT/ PROGRAM	SCOPE	COST(KES) '000 000	FINANCIER	STATUS/ REMARKS	OUTCOME	EXPECTED COMPLETION DATE
1.	Oloitoktok Water Supply Project	<ul style="list-style-type: none"> Rehabilitation of Nol-Turesh water supply components Construction of new water supply system of 6,000m³/day capacity Sewerage system of 25km and 2600m³/day capacity sewer ponds 	1,000	BADEA	The project is ongoing and at 45% complete	The project will supply 40,000 people with clean water and serve other 20,000 people with sewerage system	Expected to be completed by June 2019
2.	Amboseli Pastoralists Rural Water Project	<ul style="list-style-type: none"> Construction of Intake weir Pipeline extension and Raising main of 22km and 28 km distribution line Construction of 2 No new Tanks and rehabilitation of 4 No. tanks 10 No. cattle troughs 	50	World Bank	The project is ongoing and at 45% complete	The project will serve 11,000 people with Clean water	December 2018

2.3 PLANNED

No.	NAME OF PROJECT/ PROGRAM	COUNTY	SCOPE	COST(KES) '000 000	FINANCIER	STATUS/ REMARKS	OUTCOME	EXPECTED COMPLETION DATE
1.	Ndarugu 1 Dam Water Supply Project	Kiambu/Kajiado/Na irobi/Machakos	<ul style="list-style-type: none"> Construction of: <ol style="list-style-type: none"> 35m high concrete dam to impound 225 Million m³ of water Treatment works of a capacity of 173,000m³/d Treated water pumping main from Ndarugu to Utawala reservoir. 	35,000	Funding, Design and Build	Draft Contract for the project awaiting approval from the Treasury and AG's Office	The project is expected to impound 225 Million m ³ volume of water to serve Kiambu,	June 2022

No.	NAME OF PROJECT/ PROGRAM	COUNTY	SCOPE	COST(KES) '000 000	FINANCIER	STATUS/ REMARKS	OUTCOME	EXPECTED COMPLETION DATE
			iv. Utawala, Embakasi, Syokimau, Koma & Kitengela Reservoirs. v. Distribution mains to Syokimau, Mlolongo, Athi River, Mavoko, Embakasi, Kitengela, Outer ring road Area, Koma, Nguluni, Tala & Kangundo.				Nairobi and Machakos residents.	
2.	Oloolotikosh Water Supply and Sanitation Project	Kajiado	Construction of a dam, water supply and sewerage system	To be determined once technical design is complete	Designs are funded by ADF Grant.	The consultancy services for feasibility study, technical design and preparation of tender documents is currently ongoing	Will serve Kitengela, Isinya and Kajiado towns with water an estimated population of 1,500,000. Sewerage system to serve Kajiado and Kitengela towns.	June 2022
3.	Ongata Rongai, Ngong and Mavoko Sewerage project	Kajiado/ Machakos	Construction of a sewerage system	To be determined once technical design is complete	ToR for Consultancy services financed by AfDB	The ToRs for consultancy services have been forwarded to AfDB for No Objection.	Will serve a population of 750,000 people with sewerage services.	June 2022
4.	Namanga Dam Water Supply Project	Kajiado	Construction of a dam with a capacity to impound 3.4Mm ³ of water and water supply system	3,800	The Board is yet to get a financier.	The project is planned under feasibility studies.	Will supply 71,000 people with clean water together with their livestock.	June 2024

3 SHORT-TERM PROJECTS

3.1 COMPLETED

No.	NAME OF PROJECT/ PROGRAM	SCOPE	COST(KES) '000 000	FINANCIER	STATUS/ REMARKS	OUTCOME
1.	Rehabilitation of Boreholes	Rehabilitation works	16.7	GoK under Drought program	2 No. Boreholes Complete and operational i.e Olbosoit and Illuanati	Serve 1,000 people
2.	Ilmarba Eseki Borehole Equipping	Borehole equipping	4.5	UNICEF/ GoK under drought	Operational	Serve 400 people
3.	Mosiro borehole equipping	Borehole equipping	5.1	GoK under drought	Operational	Serve 800 people
4.	Naika Borehole Equipping	Borehole equipping	4	UNICEF/ GoK under drought	Operational	Serve 800 people
5.	Oiti Borehole	Borehole Rehabilitation	3.1	UNICEF/ GoK under drought	Complete and operational	Serve 700 people
6.	Ilchalai	Borehole equipping	2	UNICEF/ GoK under drought	Completed	serve a population of 2000 people
7.	Imbuko	Borehole equipping	5	UNICEF/ GoK under drought	Completed	serve a population of 2000 people
8.	Matali	Borehole equipping	5.9	UNICEF/ GoK under drought	Completed	serve a population of 1500 people
9.	Naboisho	Borehole equipping	4.2	UNICEF/ GoK under drought	Completed	serve a population of 2000 people
10.	Naika	Borehole equipping	4.1	UNICEF/ GoK under drought	Completed	serve a population of 2500 people
11.	Ormiton	Borehole equipping	5.2	UNICEF/ GoK under drought	Completed	serve a population of 2000 people
12.	Osilingi le maa	Borehole equipping	5.2	UNICEF/ GoK under drought	Completed	serve a population of 2000 people

No.	NAME OF PROJECT/ PROGRAM	SCOPE	COST(KES) '000 000	FINANCIER	STATUS/ REMARKS	OUTCOME
13.	Kabukoki	Borehole equipping	4	UNICEF/ GoK under drought	Completed	serve a population of 1500 people
14.	Enkeresuna	Borehole equipping	3.9	UNICEF/ GoK under drought	Completed	serve a population of 3000 people
15.	Namelok Borehole	Drilling and equipping	-	World bank programme	Complete and operational.	serve a population of 3000 people
16.	Embolioi Borehole	Drilling and equipping	-	World bank programme	Complete and operational.	serve a population of 3000 people
17.	Namanga Borehole	Drilling and equipping	-	World bank programme	Complete and operational.	serve a population of 3000 people
18.	Mashuuru	Drilling and equipping	-	World bank programme	Complete.	serve a population of 3000 people
19.	Ngong Borehole	Drilling and equipping	-	World bank programme	Complete.	serve a population of 3000 people

3.2 ONGOING

No.	NAME OF PROJECT/ PROGRAM	SCOPE	COST(KES) '000 000	FINANCIER	STATUS/ REMARKS	OUTCOME	EXPECTED COMPLETION DATE
1.	Ereteti Primary School borehole	<ul style="list-style-type: none"> • Drilling and equipping of 1 No. Borehole • Laying of 173m 2" dia. pipeline • Construction of 1 no. water kiosk with 1 No. 10m³ plastic water tank • Construction of 1 No. cattle trough 	4.9	GoK	<ul style="list-style-type: none"> • Borehole drilled • Procurement process of equipping on going 	Will serve 3,500 people with clean drinking water.	Oct. 2018
2.	Ochorro – Onyore water springs community water project.	Reservoir desilting. Repair of CWP, Repair/servicing of the electro-mechanical. Repair of the rising main. Construction of Cattle troughs	0.5	GoK	Cost estimates being prepared	Will serve 3,000 people with clean drinking water.	March 2019
3.	Oloitikoshi Borehole	Installation of a distribution pipeline	1.1	GoK	Cost estimates being prepared	Will serve 3,000 people	March 2019

No.	NAME OF PROJECT/ PROGRAM	SCOPE	COST(KES) '000 000	FINANCIER	STATUS/ REMARKS	OUTCOME	EXPECTED COMPLETION DATE
	Mbirika Inkukuon.					with clean drinking water.	
4.	Ormiton Borehole Equipping	Borehole equipping	5.2	UNICEF/ GoK under drought	Community wants a pipeline included	Will serve 500 people with clean drinking water.	Dec. 2018
5.	Maparasha borehole	Drilling ,casing ,test pumping and equipping	5	GoK	Procurement process for equipping ongoing	Will serve 3500 people with clean drinking water.	Nov. 2019
6.	Ongata rongai borehole (Otiyani)	Drilling ,casing ,test pumping and equipping	5	GoK	Awaiting test pumping and equipping	Will serve 4000 people with clean drinking water.	Nov. 2019
7.	Esiteti borehole	Drilling ,casing ,test pumping and equipping	5	GoK	Procurement process ongoing	Will serve 2000 people	Jan 2019
8.	Olooshaiki borehole	Drilling ,casing ,test pumping and equipping	5	GoK	Procurement process ongoing	Will serve 2000 people	Jan 2019
9.	Paranai Borehole	Drilling and equipping	-	World Bank programme	Awaiting equipping	Will serve 2000 people	March 2019
10.	Kwa Masai Borehole	Drilling, test pumping, pump installation and tank installation, water kiosk construction, pump house construction, construction of solar panels support and pipeline works.	-	World Bank programme	Progress at 50%	Will serve 2000 people	March 2019

3.3 PLANNED

S/N	NAME OF PROJECT/ PROGRAM	SCOPE	COST(KES) '000 000	FINANCIER	STATUS/ REMARKS	OUTCOME	EXPECTED COMPLETION DATE
1.	Water harvesting and storage	Construction and rehabilitation of 25 No. small dams and pans	150	GoK	Awaiting financing	Will serve a population of 25,000 people	June 2021
2.	Drilling and equipping of 50No. boreholes. associated civil works	Drilling and equipping of 50No. boreholes and associated civil works	400	GoK	Awaiting financing	Will serve a population of 35,000 people	Dec 2022