



## KITUI COUNTY

### CAPITAL WORKS COMPLETED, ONGOING AND STALLED PROJECTS

NO	PROJECT NAME	POPULATION TO BE SERVED	SCOPE OF WORKS	COST/ FINANCIER (000,000)	REMARKS/ STATUS
<b>KITUI COUNTY – COMPLETED PROJECTS</b>					
1.	Masinga Kitui Water supply and sanitation project	180,000 (Clean water) 30,000 (Sewerage System)	<ul style="list-style-type: none"> <li>• Intake works and water treatment plant of 9,000m<sup>3</sup>/day</li> <li>• 105 Km raising main and distribution system</li> <li>• 2 No reinforced tanks of 3000m<sup>3</sup> and 2 No reinforced tanks of 1500m<sup>3</sup></li> <li>• Kitui town sewerage system of 27 km and stabilization ponds of 2500m<sup>3</sup>/day</li> </ul>	2,200 ADB	Completed and operational
2.	Mutitu Town & Thua – Kinaakoni Water supply project	22,800	<p>Mutitu Town</p> <ul style="list-style-type: none"> <li>• Infiltration gallery</li> <li>• RC sub surface dam</li> <li>• 50M<sup>3</sup> sump</li> <li>• Pump house</li> <li>• 6.2Km raising main</li> <li>• 500M<sup>3</sup> RC tank</li> <li>• Grade 9 House</li> <li>• Distribution lines and 7No. water kiosk</li> </ul> <p>Thua Kinakoni</p> <ul style="list-style-type: none"> <li>• Infiltration Gallery</li> <li>• 100M<sup>3</sup> RC sump tank</li> <li>• 5.5Km raising main</li> <li>• Rehabilitation of 4No. 50M<sup>3</sup> tanks and 5No. Water kiosks.</li> </ul>	77 KIDP	Completed and operational

NO	PROJECT NAME	POPULATION TO BE SERVED	SCOPE OF WORKS	COST/ FINANCIER (000,000)	REMARKS/ STATUS
3.	Ikanga – Mutomo water supply project	25000	<ul style="list-style-type: none"> <li>• Pump house</li> <li>• Installation of Genset</li> <li>• 30KM rising main 200mm Diameter</li> <li>• Water Service Providers Office</li> </ul>	120- KIDP	Completed and operational

### ONGOING & PLANNED CAPITAL PROJECTS

NO	PROJECT NAME	POPULATION TO BE SERVED	SCOPE OF WORKS	COST/ FINANCIER (000,000)	REMARKS/ STATUS
<b>KITUI COUNTY – Ongoing &amp; Planned Projects</b>					
1	Migwani Water Supply Project	15,000 (clean water)	<ul style="list-style-type: none"> <li>• Drilling of 2 No. Boreholes</li> <li>• Equipping of 1 No. Borehole</li> <li>• Laying of a 23 Km pipeline</li> <li>• Construction of 2 No. masonry tank</li> <li>• Production Capacity 992m<sup>3</sup>/d</li> </ul>	100 KIDDP	Project is 99% complete
2	Last mile connectivity Extension of Kitui town Sewerage system project	40,000 (Water & Sewerage systems)	<ul style="list-style-type: none"> <li>• Extension of sewerage system and individual connections for Kitui town residents with sewer lines.</li> <li>• Water supply pipeline extensions</li> </ul>	550 ADB	Procurement of consultancy services ongoing
3	Kiambere Mwingi water supply and sanitation project	56,000 (clean water)  20,000 (sewer system)	<ul style="list-style-type: none"> <li>• Intake works &amp; T. works of 5,600m<sup>3</sup>/day</li> <li>• Construction of 18Km rising main</li> <li>• Construction of 86 Km distribution line,</li> <li>• Construction of RC tanks- 13No. ranging from 800M<sup>3</sup> to, 150M<sup>3</sup> and steel elevated tank of 100M<sup>3</sup></li> <li>• Construction of Mwingi town sewerage system of 2.400m<sup>3</sup>/day</li> </ul>	1,450  GoK and Italian Cooperation	Project ongoing and at 3.6% complete

NO	PROJECT NAME	POPULATION TO BE SERVED	SCOPE OF WORKS	COST/ FINANCIER (000,000)	REMARKS/ STATUS
4	Kitimui Dam Water Supply Project	75,000 (clean water)	<ul style="list-style-type: none"> <li>Consultancy services for Technical designs, ESEA, RAP and Preparation of Tender documents for Kitimui Dam Water Supply Project.</li> </ul>	110 ADF 13	Proposal forwarded to development partners for funding
5	Mutomo Water supply Project	80,000 (Clean water)	<ul style="list-style-type: none"> <li>Dam construction of 34m, Intake works, ,treatment works of 5,000m<sup>3</sup>/day, pumping units, main pipeline works of over 50km, Main distribution pipelines of over 100km, water storage tanks and ablution blocks for Mutomo and Ikutha towns</li> </ul>	1,000 ADF 14	Proposal forwarded to development partners for funding

#### STALLED CAPITAL PROJECTS

NO	PROJECT NAME	POPULATION TO BE SERVED	SCOPE OF WORKS	COST/ FINANCIER (000,000)	REMARKS/ STATUS
<b>KITUI COUNTY – Stalled Projects</b>					
1	Umaa Dam	75,000 People	<ul style="list-style-type: none"> <li>28 M high dam with storage capacity of 870,000M<sup>3</sup> of water</li> </ul>	GOK	Project is implemented by National Water Conservation & Pipeline Corporation

**SUMMARY TABLE OF ALL BOREHOLES (NEW AND REHABILITATIONS) IN KITUI COUNTY**

<b>S/NO</b>	<b>COUNTY</b>	<b>NO. OF BOREHOLES</b>	<b>COST IN KSHS.</b>	<b>POPULATION SERVED</b>	<b>WATER ADDED IN M<sup>3</sup>/HR</b>
1	Ongoing	17	153,237,253.05	28,500 people, 6,000 LU	98
2	Completed	103	154,021,194.00	114,104 people & 1,000 LU	191 m <sup>3</sup> /hr
<b>3</b>	<b>Completed and Ongoing</b>	<b>120</b>	<b>307,258,447.05</b>	<b>142,604 people &amp; 7,000 LU</b>	<b>288.50</b>

## SUMMARY OF ONGOING BOREHOLES IN F/Y 2018/19

### Ongoing New Boreholes for Drilling and Equipping in F/Y 2018/19 under Drought Mitigation Programme

S/ No	Name of Borehole Project	County	Constituency	Contracted Amount in Kshs.	Major Activities to be done	Expected Beneficiaries	Current Status/ Water production
1	Manyumbani B/H for the Orphans	Kitui	Kitui Rural	4,000,000	Drilling and equipping borehole to be done.	2,000 people	Hydro-geological survey not yet done
2	Mwambiu B/H (Nuu Special School for Mentally handicapped)	Kitui	Mwingi Central	5,000,000	Drilling and capped	2,000 people	Hydro-geological survey was done, borehole drilled with a discharge of 2.5m <sup>3</sup> /hr.
3	Kavyuvaa B/H	Kitui	Kitui South	5,000,000	Drilling and equipping borehole to be done.	2,000 people	Hydro-geological survey not yet done
4	Kilevi B/H	Kitui	Kitui Rural	1,215,360	Drilling and capping borehole	2,000 people	Hydro-geological survey not yet done
5	Tseikuru B/H	Kitui	Mwingi North	3,784,640	Equipping borehole done.	450 people mostly the students of Tseikuru Sec. School	B/H complete and operational with a water output of 3m <sup>3</sup> /hr. The borehole had been drilled during Phase II funding.
6	Ngomano B/H	Kitui	Kitui East	4,000,000	Drilling and equipping borehole to be done.	2,000 people	Hydro-geological survey not yet done
7	Mutitu B/H	Kitui	Kitui East	3,981,381	Drilling and capped	2,000 people	Hydro-geological survey was done, borehole drilled with a borehole yield of 3m <sup>3</sup> /hr. Since the safe borehole abstraction is 1.8m <sup>3</sup> /hr, it will be a point source.
	<b>Sub-Total</b>	<b>Kitui</b>		<b>28,000,000</b>		<b>14,000 people</b>	

**Ongoing Repair/Rehabilitation of Boreholes/Water Supplies in F/Y 2018/19 under Drought Mitigation Programme**

S/ No	Name of Borehole Project/GPS	County	Constituency	Allocated Amount in Kshs.	Major Activities to be done	Expected Beneficiaries	Current Status/ Water production
1.	Kaumu Community Water Project/ N 9837786 E 411277 at elevation 610m.	Kitui	Kitui East	1,200,000	Replacement of submersible pump and motor, minor electrical rewiring of the control panel, replacement of some sections of the leaking pipeline sections, upgrading of distribution pipelines, replacement of leaking non working pipe fittings.	10,000 people including institutions, markets and government offices.	Pump testing to be done first to establish the shallow well water capacity in m <sup>3</sup> /hr and there after a comprehensive BOQ will be provided.
2.	Mutini B/H/ N 9860792 E 375213 at elevation 1,215m.	Kitui	Kitui West	800,000.00	Power supply	3,000 people	The borehole is currently operational with either solar or genset. The electricity grid power to be supplied at a distance of 280m. The BOQ will be provided later.
	<b>Sub-Total for Kitui County</b>	<b>County</b>		<b>2,000,000</b>		<b>13,000</b>	

**Ongoing new borehole Projects under Priority Projects (not complete)**

<b>S/ No</b>	<b>Name of Project</b>	<b>County</b>	<b>Ward/ Constituency</b>	<b>Funded Components</b>	<b>Cost (Kshs.)</b>	<b>Population Served</b>	<b>Total Water Production</b>	<b>Date Started/ Date Completed</b>	<b>Current Status</b>
1	Kiangu Borehole Water Project	Kitui	Kitui South	Equipping with solar	5,004,846.15	1,200 People and 2,000 livestock	1.8m <sup>3</sup> /hr	5 <sup>th</sup> Feb-18 to July 2018	Drilling works and pump testing complete. Implementation at 80% and is in the process of lowering the pump.
2	Mbakoni Borehole Water Project	Kitui	Kitui South	Equipping with genset, construction of a pump house and electricity connection.	8,101,445.16	1,200 People and 2,000 livestock	7.0m <sup>3</sup> /hr	6 <sup>th</sup> Feb-18 to July 2018	Borehole drilled and cased. Equipping commenced in April 2018. Implementation at 80%.
3	Kithuki Water Supply	Kitui	Kitui South	Equipping with solar	5,130,961.74	1,100 People and 2,000 livestock	1.5m <sup>3</sup> /hr	7 <sup>th</sup> Feb-18 to July 2018	Borehole drilled and cased. Equipping at 80%.
					<b>18,237,253.05</b>	<b>3,500 people &amp; 6,000 livestock</b>			

**LOT 2 – KITUI COUNTY**

Total of 8 boreholes and associated works of Ksh. 105m were to be done. All the 8 boreholes were drilled under World Bank Programme by Athi Water Services Board.

S/ No	Name of Borehole	GPS POSITION	Current Status
1	Nduumoni	01°21'20"S 37°52'23"E	The borehole was drilled, equipped with solar power and pump.
2	Mutha	01°48'45"S 38°25'37"E	The borehole was drilled, equipped with solar power and pump.
3	Mbitini	01°35'34"S 38°07'24"E	The borehole was drilled, equipped with solar power and pump.
4	Kauma	01°16'50"S 37°59'54"E	The borehole was dry and an alternative site identified and another borehole yet to be drilled since 3 <sup>rd</sup> quarter of F/Y 2017/18.
5	Kwa Masai	01°04'06"S 38°03'58"E	Works done are drilling, test pumping, pump installation and tank installation. Water kiosk construction is at 50%. Works not yet done are pump house construction, construction of solar panels support and pipeline works.
6	Kithanake	01°35'46"S 38°11'27"E	Works done are drilling, test pumping and pump installation. Pump house construction is at 50%, construction of solar panels support is complete but the control panels are not yet installed. The 24m <sup>3</sup> steel elevated tank construction is complete and trenching of the pipeline is done but the pipes have not been laid.
7	Kangondi	01°11'10"S 38°00'30"E	Works done are drilling, test pumping borehole is capped. Works not yet done are pump house construction, pump installation, tank installation, water kiosk construction, construction of solar panels support and pipeline works.
8	Katse	00°30'33"S 38°04'36"E	Works done are drilling, test pumping borehole is capped. Works not yet done are pump house construction, pump installation, tank installation, water kiosk construction, construction of solar panels support and pipeline works.

3 boreholes out of 8 are complete.



**SUMMARY TABLE OF COMPLETED BOREHOLES PER COUNTY**

S/ No	Name of Project	County	Ward/ Constituency	New or Rehabilitation	Funded Components	Cost (Kshs.)	Population Served	Total Water Production	Date Started/ Date Completed	Current Status
1	Manyuuni	Kitui	Mutomo	New	Borehole drilling	998,580				Complete and functional
2	Tungutu Village	Kitui	Tungutu	New	Borehole drilling	2,272,400				
3	Kamwiu	Kitui	Kyamatu	New	Borehole drilling	998,000				
4	Kyaani	Kitui	Kyangwithya West	New	Borehole drilling	5,550,240				
5	Nzinia	Kitui	Mutonguni	New	Borehole drilling	3,418,780				
6	Nguni Kiuni	Kitui	Maluma	New	Borehole drilling	1,810,000				
7	Ambi	Kitui	Mutomo	New	Borehole drilling	3,160,000				Equipped by Kitui County, operational
8	Mwambani	Kitui	voo	New	Borehole drilling	991,900.00				
9	Mithasyani	Kitui	Ngomeni	New	Drilling borehole and casing	933,001.65	1,500			Drilled dry and payment for drilling

S/ No	Name of Project	County	Ward/ Constituency	New or Rehabilitation	Funded Components	Cost (Kshs.)	Population Served	Total Water Production	Date Started/ Date Completed	Current Status
										component paid. To be re-sited
10	Ikuyuni	Kitui	Maluma	New	Borehole drilling & equipping	6,554,000				
11	Karung'a (Mumbuni)	Kitui	Mwingi	New	Drilling and equipping with genset	2,391,318.75	4,500			Complete
12	Musuani	Kitui	Kyome	New	Drilling and equipping with solar pump	2,255,550.40	4,500			Complete
13	Mwambiu-Kavuti	Kitui	Nuu	New	Drilling and equipping with solar pump.	2,569,319.00	4,500			Complete
14	Katumbi	Kitui	Masyungwa (Tseikuru)	New	Drilling, equipping with solar and 1no. Kiosk	1,283,925.00	1,500			Drilling Complete, 1 kiosk constructed and a pump house
15	Kyenini	Kitui	Musavani - Tseikuru)	New	Drilling borehole and capping	933,341.65	1,500			Completed
16	Matooni	Kitui	Ngomeni	New	Rehabilitation of existing borehole but scope changed to drilling of new shallow borehole	781,830.00	1,500			Complete equipped by county
17	Mulangoni	Kitui	Masungwa	New	Rehabilitation of existing borehole	1,240,750.00	1,500			Complete

S/ No	Name of Project	County	Ward/ Constituency	New or Rehabilitation	Funded Components	Cost (Kshs.)	Population Served	Total Water Production	Date Started/ Date Completed	Current Status
18	Kitumbi	Kitui	Kyome	New	Drilling and casing of a shallow borehole, 1 kiosk	2,063,550.00	4,500			Drilling, borehole development, pump construction done.
19	Mathuma	Kitui	Kisovo	New	Drilling of a deep borehole	388,440.00	1,500			Complete equipped by county
20	Iiani Kwa Ndung'u	Kitui	Kiomo	New	Drilling and development of a deep borehole.	1,957,662.95	4,500			Drilling Complete. B/H equipped by County
21	Kisovo	Kitui	Kisovo	New	Drilling and development of a deep borehole.	1,957,662.95	4,500			complete
22	Ikaaie	Kitui		New	Drilling and equipping with Genset pump house, water kiosk, piping, 10m <sup>3</sup> water tank and fencing.	4,572,178.00	450	1.75	13/7/2017 to 27/9/2017	100% complete and operational
23	Kasunguni	Kitui		New	Drilling and installation with Afridev hand pump, fencing and gate.	1,555,380.00	100	1.4	10/7/2017 to 31/07/2017	100% complete and operational
24	Kyandeve	Kitui		New	Drilling and equipping with Genset pump house, water kiosk, piping, 10m <sup>3</sup> water tank and	2,271,312.00	No population served.	1.61	12/07/2017	The project is done 50% as the borehole collapsed before pump

S/ No	Name of Project	County	Ward/ Constituency	New or Rehabilitation	Funded Components	Cost (Kshs.)	Population Served	Total Water Production	Date Started/ Date Completed	Current Status
					fencing.					installation. Project not complete.
24	Maluma	Kitui		New	Drilling and equipping with Genset pump house, water kiosk, piping, 10m <sup>3</sup> water tank and fencing.	3,967,132.00	600	2.1	1/08/2017 to 4/10/2017	100% complete and operational
26	Mathini	Kitui		New	Drilling and equipping with Genset pump house, water kiosk, piping, 10m <sup>3</sup> water tank and fencing.	4,250,710.00	500	2.1	24/7/2017 to 28/9/2017	100% complete and operational
27	Museve	Kitui		New	Drilling and quipping with Genset pump house, water kiosk, piping, 10m <sup>3</sup> water tank and fencing.	7,388,225.00	1,000	17.5	12/7/2017 to 29/9/2017	100% complete and operational
28	Nguumo	Kitui		New	Drilling and equipping with Genset pump house, water kiosk, piping, 10m <sup>3</sup> water tank and fencing.	4,092,901.00	500	1.4	12/7/2017 to 22/12/2017	100% complete and operational
29	Kikule W/P	Kitui	Muthesya Loc. Yatta District	New	Borehole water source system.	9,315,316	6,500	1.9		Operational.

S/ No	Name of Project	County	Ward/ Constituency	New or Rehabilitation	Funded Components	Cost (Kshs.)	Population Served	Total Water Production	Date Started/ Date Completed	Current Status
30	Kwandolo w/p	Kitui	Mavoloni Loc.-Yatta District	New	Borehole water source system	11,093,388	8,303	12		complete and operational
31	languni w/p	Kitui	Ndalani Loc- Yatta District	New	Borehole water source system	10,400,717	5,330	14.4		complete and operational
32	Kenyatta w/p	Kitui	Kinyatta Loc.- Yatta District	New	Borehole water source system	9,842,846	8,500	19.2		complete and operational
33	Kyatune w/p	Kitui	Kyatune Loc.- Mutomo District	New	Borehole water source sytem	9,112,670	5,601	12		complete and operational
34	Kalivu W/P	Kitui	Kalivu Loc.- Mutomo District	New	Borehole water source system	8,402.040	6,100	-		The source has high salinity levels alternative source identified and funded f/y 2012/2013
35	Kiwu Kitu Watsan Project	Kitui	Mivukoni Loc- Kyuso District	New	Borehole water project	6,296,434	16,209	18.4		Alternative source funded project 50% complete and ongoing- awaiting phase 11 of the funds
36	Itoleka W/P	Kitui	Itoleka Loc-Kitui	New	Borehole water project	10,169,945	9,611	12		Alternative source funded project 75%

S/ No	Name of Project	County	Ward/ Constituency	New or Rehabilitation	Funded Components	Cost (Kshs.)	Population Served	Total Water Production	Date Started/ Date Completed	Current Status
			District							complete and ongoing- awaiting phase 11 of the funds
37	Thitani B/H Project	Migwani	Kitui	Rehabilitation	Installation of pump, draw pipes and control panel	3,426,760	2,000 people & 1,000 livestock Units (LU)	18m <sup>3</sup> /hr	1/02/2017 - 28/03/2017	Complete and operational
38	Katumbi/Kinanie B/H projects		Kitui	Rehabilitation	Katumbi B/H project - Installation of pump.  Kinanie B/H project - Installation of genset and draw pipes.	3,528,337	- Katumbi B/H - 600 people with - Kinanie B/H - 1,000 people	5.8m <sup>3</sup> /hr  10m <sup>3</sup> /hr	1/02/2017 - 22/03/2017	Complete and operational
39	Kaaki Mutha & Vutu B/Hs Project		Kitui	Rehabilitation	Kaaki Mutha was rehabilitated by the County. Vutu B/H – Installation & testing a submersible pump	1,198,446	Vutu B/H will benefit 700 people	10m <sup>3</sup> /hr	2/03/2017 - 3/04/2017	Complete and operational
40	Ilusya B/H, Vote B/H, and Kyatune B/H Project		Kitui	Rehabilitation	- Ilusya B/H – replacement of genset, control panel & general wiring; - Vote B/H -	2,456,700	2,500 people (Ilusya B/H 1,000,	15m <sup>3</sup> /hr	14/03/2017 - 3/04/2017	Complete and operational

S/ No	Name of Project	County	Ward/ Constituency	New or Rehabilitation	Funded Components	Cost (Kshs.)	Population Served	Total Water Production	Date Started/ Date Completed	Current Status
					replacement of armored underground power cable, general service of the genset, & providing gabion protection at the borehole. - Kyatune B/H - replacement of armored underground power cable, construction of communal water point & general service of the genset,		Vote B/H 500 & Kyatune B/H 1,000)			
41	Kweromo B/H project		Kitui in Mwingi North	Rehabilitation	Installation/testing of genset and submersible pump.	2,795,600	2,000 people	10m <sup>3</sup> /hr	26/01/2017 - The project was completed on 21/02/2017 and was handed over to the community on	Complete but not operational since on 10/04/2017 the genset was stolen and was reported at Ngomeni Police Post on 13/04/2017 – OB 41 13/4/2017

S/ No	Name of Project	County	Ward/ Constituency	New or Rehabilitation	Funded Components	Cost (Kshs.)	Population Served	Total Water Production	Date Started/ Date Completed	Current Status
									06/03/2017.	
42	Tseikuru B/H project		Kitui	New	Drilling of the borehole	1,767,543.00	Not yet equipped.	B/H Pump testing yield was 4m <sup>3</sup> /hr)	4/07/2017 - 19/07/2017	Drilling was completed Waiting for Phase III funds so as to equip.
	<b>Kitui County Sub-Total</b>					<b>154,021,194.00</b>	<b>114,104 people &amp; 1,000 livestock Units (LU)</b>	<b>191m<sup>3</sup>/hr</b>		

Under the JICA Programme in 2017 before the Tanathi Water Services Board was formed, 57 boreholes were drilled and equipped with powered pumps, solar pumps or hand pumps then one (1) spring was developed at Nuu. This was a total of 58 water sources developed. We shall avail the report shortly together with their total cost.