AMENDMENT AND REVIEW OF LICENSE CONDITIONS

Under board minute 6/54/2010 (6) WASREB resolved to amend the license conditions of all the licenses issued in 2007 so as to have them reissued and standardized with those issued in 2008/9 and 2009/10. Under the performance contract for 2010/11, 3 licenses were up for amendment. These were

- **Coast Water Service Board**
- **Northern Water Service Board**
- **Tana Water Service Board**

The license conditions have been amended and the following are the additional clauses that are now included or the wording reviewed from what existed in 2007.

Clause 3

1) Drinking water

   The Licensee shall obtain permits from the Water Resources Management Authority for use by WSPs and arrange for the provision of potable water according to the applicable Kenya Standards for potable water and report on the monitoring and attainment of those standards according to the statutes in Kenya prevailing and the **Water Quality and Effluent Monitoring Guideline** issued by the Regulatory Board. All drinking water supplied through its system shall meet the acceptable range in Guideline.

2) Sewerage Services

   The Licensee shall:

   a. Arrange for the collection, treatment and disposal of all household and commercial wastewater through the sewerage network in accordance with the Regulatory Board Guidelines, Standards prevailing in the Environmental Management and Coordination Act, and other applicable statutes and especially section 76 of the Water Act 2002 and shall ensure its regulations published under section 73 of the Water Act 2002 protect the environment and human health from untreated sewage wastes.

   b. Establish a monitoring system for Sewage services and report compliance according to the Water Quality and Effluent Monitoring Guideline.

3) Drainage

   In accordance with sections 71 and 75 of the Water Act 2002 the Licensee shall execute drainage works to ensure water services are protected and improved and shall ensure that in the regulations published under section 73 of the same Act drainage works are maintained in its service area that protect the water services provided.

4) Water source protection

In accordance with section 71 and 91(1) of the Act the licensee shall enter into agreements and undertake activities to protect the sources from which it is authorised to draw water for distribution to its customers.

5) Other business

The Licensee shall provide or arrange for the provision of the additional Services other than Water Services as specified in Schedule C and in accordance with the requirements of as set out in the regulation. Any other business shall be ring fenced from the services provided under 3.2 (1) (a) and (b) in accordance to the requirements of the Regulatory Board.

6) The Licensee shall ensure that Water Services are provided in an efficient way through operation, maintenance and investments in infrastructure. The Licensee shall ensure :

a. That every area demarcated for a WSPs is clearly mapped so as to track improvement in provision of water through investments, rehabilitation and expansion of all infrastructure.

b. That all infrastructure and the networks providing the water services are mapped in digital format and GIS format and the copies of such maps are available at the WSP and on demand by the public and other agencies of government.

7) The licensee shall ensure that it has the requisite technical and financial capacity to fulfil its mandate and shall specifically in its structure:

a. embed and maintain legal skills in its management structure for the purposes of license and SPA obligation monitoring and enforcement and also to coordinate the enforcement of the regulations of the Licensee and obligations under the Water Act 2002

b. Embed a complaints handling division by June 2011 as an aspect of monitoring the minimum service level targets set in the SPAs issued.

c. Embed a rural water services department by June 2011.

8) The Licensee shall create and implement an action plan to ensure that all WSPs employ technically competent personnel as per criteria established by the Regulatory Board. All such employees shall be on performance based rewards and the licensee shall particularly monitor the cost of personnel of the WSPs and agreements entered into and take all necessary measures to keep them within **acceptable** limits in relation to total operational costs as per the benchmarks set by the Regulatory Board.

9) The licensee shall publish and implement its regulations for conditions of provision of water services in accordance with section 73 of the Water Act 2002 and shall ensure that those regulations are operational by June 2011.

Default to meet Service Obligations

1) In the event of default by the Licensee, in fulfilling its obligations or in complying with the provisions of the Act, rules, Regulations made there under or Guidelines of

the Regulatory Board, the Regulatory Board will take such necessary actions as provided for under the Act and shall **also**;-

a. é é é é é é é é é é é é é é é é

b. Impose a penalty fee at the rate of Kshs 500 per day for each contravened obligation for the duration the obligation is not met. This may be deducted from performance guarantee or enforced by summary action in court. If obtained from the guarantee it shall be maintained after any penalty fee has been deducted.

c. é é é é é é é é é é é é é é é é é ..

d. é é é é é é é é é é é é é é é é é .

Clause 4 Arrangement with Water Service Providers

5.1 Registration of water system operators

1) ,,,

2) The Licensee shall indicate that the operators that do not adhere to the invitation for registration shall be considered to be operating illegally and contrary to the provisions of Section 56 of the Water Act, 2002 and are liable to prosecution.

3) é ..

4) The Licensee shall :

a. Enter into SPAs with WSPs only after they are constituted in accordance with the **Corporate Governance Guideline** issued by the Regulatory Board and also in accordance with the provisions of section 55 and 57 of the Act so as to provide the Water Services with due regard to economy, efficiency and financial sustainability.

b. Where WSPs already exist and are operational ensure that their constitutive documents are amended to adhere to the **Corporate Governance Guideline by July 2011.**

a) é é é é é é é é é é é é

5) The licensee shall ensure that in the regulations published under section 73 of the Water Act all water service operators exceeding the threshold set section 56 (1) of the Act are monitored for water service quality and tariffs charged and reports on quality of operations and quantity of water sold are reported to WASREB in the WARIS format and in a summarised report under clause 12 of these conditions.

5.2 Water Service Providers

5.3 Small-Scale Service Providers

1. The Licensee shall undertake measures to ensure that all Small-Scale Water Service Providers operating within an area of a WSP are registered with the Licensee and are supervised by the licensee or the Main Water Service Provider through a Small Scale Service Provision Agreement (SSSPA) in order to provide safe efficient and affordable Services to the Consumers.

2. The Main WSP shall be entitled to charge a reasonable administrative fee for the supervisory role rendered on behalf of the Licensee.

3. The Licensee shall undertake to pursue a clustering strategy on all the publicly funded boreholes in its area to create small scale water service providers with appropriate supervisory arrangement and due regard being paid to the creation of providers capable of financial sustainability, efficiency and growth.

Clause 5 Bulk Water and Sewerage Treatment and Disposal

1. Bulk Water

1) The Licensee shall assist the WSPs in securing reliable and adequate bulk water supplies by doing the following:

a. Developing reservoirs, water abstraction, and storage, treatment, and transmission facilities to supply in bulk water to WSPs, subject to prior written approval of the Capital Works Plan for such developments by the Regulatory Board.

b. Ensure that Zone meters are installed on all the bulk water system to measure the unaccounted for water and establish alternate small scale dams or water projects along the line to provide water for livestock for the communities along the bulk line.

c. Liaising with Water Resources Management Authority to promote the protection of catchments areas where it is authorised to draw resources from and establishing source protection zones for each WSP in accordance with section 71 and 91 of the Act.

2) é é é é é é é é é é é é é é é é é é ..

3) é

4) é

2. Sewerage Treatment and Disposal and incidental matters

1) The Licensee shall promote the responsible treatment and disposal of sewerage and sludge in its area by doing the following:

1) Ensure that a sewerage system is established in all its urban areas and as a priority seek development in the high growth metropolitan areas é é é é é é é é é é é and shall in the first license reports under clause 12 of this license and due on the 30th September 2011 report on the design, financing , establishment and expansion of the sewerage systems in these areas.

2) In accordance with the Kenyan statutes and standards prevailing and in accordance with the Water Quality and Effluent Monitoring Guideline issued by the Regulatory Board to protect the environment and human health from untreated wastes in its area of jurisdiction by ensuring no untreated wastes are dumped in disused fields and quarries and liaising with other public bodies to enforce this.

3) To develop sewerage treatment and disposal facilities subject to approval by the Regulatory Board of the Capital Works Plan and proceed to charge WSPs and other

users for the Sewage treatment and disposal based on tariffs approved by the Regulatory Board in accordance with section 77 of the Act.

4) Ensuring storm water drains are created and do not mix with sewerage networks and the drains are designed and executed so as to replenish the water resource available for eventual distribution and to ensure the regulations under section 73 of the Act enforce this obligation.

5) Partnering with other public and private organisations to provide for and implement the use of technology to dispose of waste water and sludge where sewerage networks are not feasible.

Clause 6 Facilities Management and Development

6.1 Facilities Provision and Development

1) The Licensee shall either own or arrange for use of, assets and facilities not belonging to it and avail the Assets and Facilities for use by the WSPs for the provision of Water Services by use of appropriate public private partnership arrangements.

2) é .

3) é ..

4) The Licensee shall be responsible for the development of Assets and Facilities for the Water Services Provision in the Licensee's Area in accordance with the Licenseeôs Capital Works Plan and shall use public private partnerships in addition to government funding to finance the prioritised projects in the capital works plan.

5) Where the development of the assets is by a third party or another public agency the licensee shall ensure that the design, construction of the facility is up to the internationally recognised standards for such a facility to ensure sustainable service of the facility to the public and value for money.

6) é ..

6.2 Facilities Management

é ..

The licensee shall ensure all assets and facilities are secured and entry into the water services facilities is controlled and authorised to vetted personnel only

The licensee shall ensure that integrity tests are performed on all assets in its possession at intervals determined by the regulatory board and remedial measures taken.

6.3 Facility Development and Procurement

1) The Licensee shall develop a ten-year Capital Works Plan for its Area reflecting prioritised programs for facilities development for each WSP so as to increase coverage levels for Water Services Provision in accordance with the National Water Services Strategy.

2) é ..

a. é é é é é é é é é é é ..

b. é é é é é é é é é é .

c. The Licensee may by written agreement delegate the responsibility for Capital Works Implementation to WSPs, with adequate provision for the rights and obligations of each party including remuneration and supervision in accordance with prevailing industry standards.

6.4 Contingency Funds

é é

Clause 7 Customer Management, Satisfaction and Complaints

7.1 Customer Management and Satisfaction

1) é é é é é é é é é é é é é é é é é ..

2) é é é é é é é é é é é é é é é é é é é .

3) é é é é é é é é é é é .

4) The licensee shall ensure that a credit and debt management policy in its area is maintained and enforced through its regulations and customer contracts to ensure that water service bills are paid promptly from all customers to sustain availability of the services.

7.2 Customer Complaints

1) The Licensee shall adhere to the Customer Service and Complaints Procedure contained in the **Model Water Service Regulations** and shall thereafter implement and undertake measures to ensure that the procedures are applied by the WSPs.

2) é é é é é é é é é é é é é é é é é é é .

3) é .

4) é .

5) é ...

6) A complaint resolution report shall be included under clause 12.2 b and c of the licensee report.

Clause 8 Tariffs and Incomes

8.1 Customer Tariffs

é .

8.2 Tariff Adjustment

é é

8.3 Licensee Remuneration

é .

8.4 Recovery of Capital Works Investment

é ..

8.5 Regulatory Levy

a. é ...

8.6 Provider's Income

1) The Licensee shall establish the Provider Income in the SPA., which shall allow for performance based incentives for the WSP and shall cover all the operation and maintenance expenditure necessary for the WSP to perform its obligations under the SPA.

2) é é é é é é é é é é ..

3) If the Regulatory Board finds that the WSP did not follow the approved Tariff Adjustment requirements and increased its tariffs unilaterally, it shall issue and publish a Notice of Correction to the WSP and impose compensation to the customer whenever necessary or sequester the additional amounts of money for funding more projects for the benefit of the community

4) é é é é é é é é é é é é é é é é é é

5) Any penalties charged for non compliance with license and SPA obligations shall not be financially borne by consumers but shall be due from the entity and its employees.

8.7 Subsidies and Grants

é ..

Clause 9 Business Planning

9.1 Submission of Licensee Business and Capital Works Plan

1) é é é é é é é é é é é é é é

2) é é é é é é é é é é é é é é é .

3) Additionally, the Licensee shall annually establish and submit a Licensee Work Plan which shall include Licensee Performance Targets and Timeframes. This workplan shall contain the prioritised projects from the business plan which are being implemented.

4) Schedule M contains the summary of the infrastructure improvement plan and financial improvement plan which shall form part and parcel of this license in its implementation.

9.2 Approval of Business and Capital Works Plan

1) ……

2) é é é é é é é é é

3) For the purposes of this condition the issue of the license indicates that the Regulatory Board has approved the Business Plan submitted on condition that the licensee shall prioritise the projects that have the greatest impact on efficient and economic delivery of services .

Clause 10 Monitoring and Enforcement

10.1 Monitoring

1) The Licensee shall monitor compliance within its Area with the regulatory regime, in particular:

1) Enforcing rules and regulations made under the Act as against third parties and the WSPs.

2) é

3) é .

4) é .

5) Where during the license period it becomes clear to WASREB through the submitted WARIS reports or other reports generated in the sector that the targets set are not realistic, WASREB shall order and amend those targets and continue to monitor compliance against the new targets.

6) In negotiating the SPA the licensee shall set up an incentive and penalty scheme for performance and non performance of identified indicators and WSPs whose performance is not adequate shall be regulated more closely under a special regulatory regime or appropriate sanctions issued.

7) é é é é é é é é é é é é é .

8) é é é é é é é é é é é é é é é é é é é

10.2 Auditing and Inspections

1) é é é é é é é é é é é é é é é é .

2) Under License the Licensee shall also have the power to arrange for independent technical and financial audits and inspections of the WSPs and submit the reports and quarterly inspection reports to the Regulatory Board.

3) é é é é é é é é é é é é é é é é é é ..

4) é é é é é é é é é é é é é é é é é é ..

10.3 Enforcement

1) é é é é é é é é é é é é .

2) é é é é é é é é é é é é .

3) In the event of repeated failure to comply, the Regulatory Board may:

   a) Place the WSP and if need be also the Licensee under a Special Regulatory Regime to be determined by the Regulatory Board and at the cost of the Licensee.

   b) Recommend to the Minister the removal of the Licensee's Board of Directors and Management.

   c) Initiate the necessary arrangements to transfer responsibility to another Licensee as provided for under the provisions of section 69 of the Act.

Clause 11 Emergencies

1) é .

2) The emergency plan shall include measures which:

   a. safeguard drinking water at domestic level

   b. safeguard the public water supplies from physical damage and contamination

   c. guarantee supply of safe water through trucking and other means to public afflicted by the emergency

   d. partnerships with other public agencies to mitigate any danger to public health

   e. Communicate to the public the measures being taken and requirements expected from the public and other agencies.

3) é

Clause 12 Reporting and Record Keeping

12.1 Regular Reports

   a. é

   b. The reports shall cover **all** WSPs and operators operating under the Licensee, the Licenseeôs operations and performance targets.

12.2 Annual Report by the Licensee

é é é é é é é é é é é é é é é ..

12.3 Annual Reports by the Water Service Providers

1) é ..

12.4 Public Reporting and Transparency

1) é é é é é é é é é é é é é é é é é .

2) The Licensee will maintain and update a website that will also provide this information and general information to Customers, including information on service provision at pay stations and the offices of WSPs and the Licensee.

3) The licensee shall maintain a hot line and ensure all WSPs maintain a hotline and widely and regularly publish that line so that customers and members of the public can report matters related to water services which need to be promptly attended to.

4) The Licensee shall prepare and publish an Annual Report for distribution to the public according to the relevant Regulatory Board Guidelines and the report shall include:

1) Licensee strategic priorities and investment program,

2) Achievements of the strategic priorities and investment program for that year

3) The WSPs performance and compliance with Service Obligations and Performance Targets

4) And summary of the financial statements of itself and key WSPs.

12.5 Record Keeping

é é é é é é é é é é é ..

Clause 13 Dispute Resolution

……..

Clause 14 Amendment

é ..

Clause 15 Other Provisions

é é é é é é é é é é é é é

Clause 16 Performance Guarantee

é .

Clause 17 Termination due To Force Majeur

é é

SCHEDULES

Schedules are an integral part of the License

Schedule A: Licence Data Sheet

Schedule B: Licence Area as per the map attached.

1. **The licensee shall commence GIS mapping of service area including the networks of both water and waste water facilities.**
2. **The licensee shall commence mapping of all the water service infrastructure and networks of the WSPs so as to be available in both digital and hard format.**
3. **The Board shall commence digital mapping of the contracted areas of WSPs where services are provided.**
4. **The first progress report on this exercise shall be submitted to WASREB at the end of September 2011.**
5. **The map to be provided should be able to show the actual coverage of the contracted services areas.**

6. **Where there is only one service provider contracted in a district/county, the map should show the other water schemes in the district.**
7. **This information should be completed by 2014.**
8. **The first formal progress report in the mapping process should be received by the September 2011.**

Schedule C: Other Business than Water and Sanitation Services

Schedule D: Minimum Service Level

Schedule D (1): Time table for commitment to improve minimum service level indicators.

Schedule E: Sector Benchmarks for the Customer Relevant Indicators and Key Performance Indicators for WSS

d. The Performance Indicators that the Licensee must use as a minimum requirement. Other indicators will be added through guidelines whenever needed or/and when a special regulatory regime is imposed by the Regulatory Board in case of underperforming Providers and Licensee.

e.

Table E1- Performance Indicators

Name of Indicator	**Definition / Comments**	**Benchmarks**		
		good	acceptable	not acceptable
Water Service Coverage a) household connections (x5: average household size) b) public stand post connections (x 1,000 consumers) densely populated towns low density town areas	% of population served with drinking water (connections and public distribution system)	 >90% >80%	 80-90% 70-80%	 <80% <70%
Sanitation Coverage a) household connections (x6) b) onsite sanitation (x9) densely populated towns low density town areas	% of population with adequate sanitation facilities (connected to sewer and individual installations)	 >90% >80%	 80-90% 70-80%	 <80% <70%
Hours of Supply Large and medium towns (>100,000) smaller towns (<100,000) public distribution system pay stations and offices	Total hours of supply per month/30 days (as an average of all service areas	 20-24 hrs >16 hrs 12 hours/day; 7days/week 45 hours per week	 16-20 hrs 12-16 hrs	 <16 hrs <12hrs

Unaccounted for Water	(water produced-water billed)/water produced	<20%	20-25%	>25%
Water Affordability Poverty Focus (Consumption within Lifeline Quantity: 20l/capita/day for Household Connections, 12-17l/capita/day for public stand posts)	% of average Household Income	<5%	5-8%	>8%
Metering Ratio	Number of metered connections/total number of connections	100%	95 ï 100%	<95%
Collection Efficiency	revenues collected/amount billed	>90%	85-90%	<85%
Water Quality Number of tests within norm/total number of tests carried out Total Collection/total number of staff Bacteriological	Total number of tests carried out/number of tests planned according to Guideline and Standards	>95%	90-95%	<90%
Test results Total Collection/total number of staff chlorine residual Bacteriological	Number of tests within norm/total number of tests carried out	>95%	90-95%	<90%
Staff/1,000 connections Large companies medium & small companies (with up to 3 towns)	Staff/1,000 connections. Might not be applicable to Service Provider	<5 <5	5-8 5-8	>8 >8

medium & small companies (serving more than 3 towns with different systems)	owned and managed systems. Therefore reporting is voluntary.	<9	9-14	>14
Average Water Production per Capita a) household connections b) public stand post connections	[m^3 produced ï 20% UFW]/ Population served / 365 days	for comparison		
Average Water Consumption per Capita a) household connections b) public stand post connections	m^3 billed per month/(population served*30 days)	for comparison		
Disconnection Ratio (average over year)	Number of disconnected Customers (>3 months)/total number of connections	<5%	5-15%	>15%
Unjustified Disconnections Larger and medium towns Smaller towns	Number of unjustified disconnections/total number of connections per year	<0,2% <0,4%		>0,2% >0,4%
Unit Operation Cost	Total cost of operation/water produced	for comparison		
Liquidity	Current assets (cash, accounts receivable, stock) /current liabilities	for comparison		
Outstanding supplier loans (including Taxes, Pension Funds, etc)	(Total amount of outstanding loans of suppliers/total collection)*12	<2 mths	2-4 mths	>4 mths
Investment Ratio	Total investments/total collections (Turnover)	for comparison		
Billing for Services	Number of billed Customers/total number of connections	100%	90-100%	<90%

(The following indicators might not be applicable to Service Provider owned and managed systems and therefore reporting is voluntary)

Table E2-

Turnover per Staff	Total Collection/total number of staff	for comparison		
Staff/length of pipe network	Staff/length of pipe network (without connections)	for comparison		
Billing/Staff/Month		for comparison		
Collection/Staff/Month		for comparison		
Meter Reading Efficiency	Total numbers of meters read per day/total number of meter readers (incl. supervisors)	for comparison		
Average Personnel Cost per Staff large companies medium companies small companies	Personnel cost/total number of staff	for comparison		
Personnel Cost as a share of Cost of Operation (O+M) large companies medium companies small companies	Personnel cost/cost of operation and maintenance	<20% <30% <40%	20-30% 30-40% 40-45%	>30% >40% >45%
Staff Training Internal Training External Training	Total hours of training/Total number of Personnel	for comparison		
Staff turnover	Total number of staff having left the company/total number of staff	<3%	3-6%	>6%
Absence of Staff	Total days of Absence (excl. leave)/total number of staff	for comparison		

Schedule F: Key Performance Indicators for WSS.

a. Water Service Coverage
b. Sanitation Coverage
c. Hours of Supply
d. Unaccounted for Water
e. Water affordability
f. Metering ratio
g. Collection efficiency
h. Water quality
i. Staff/ 1000 connections
j. Water production per capita
k. Water consumption per capita
l. Disconnection ratio
m. Unjustified disconnections
n. Unit Operation Cost
o. Liquidity
p. Outstanding supplier loans
q. Investment ratio
r. Billing for services

Schedule G: Performance Guarantee

Schedule H: Business Plan

1. **The Business Plan for the first cycle of business is as submitted by the Licensee in its application showing the infrastructural improvements and is attached hereto and has received provisional approval.**
2. **There must be prioritisation of the projects to be undertaken on an annual basis and the financial sustainability and service impact they will have on the service board area and this shall be captured by the Licensee in WARIS reporting format and the under clause 12 of the License.**
3. **The business plan shall contain an annual work plan(which for this purposes is the plan presented to the Ministry under the performance contract) and**

time table upon which timeframes shall be presented on the targets identified in the plan

4. **The business plan shall also have a strategy for future water supply as against the increasing population needs.**
5. **The Business Plan must incorporate planned activities for catchment protection in the areas authorised to take water in accordance with section 71 and 91 of the Water Act 2002.**
6. **The business plan of the WSB shall be updated by the service needs plan identified by each WSP and each of the contracted WSPs business plans must be supportive of the Licensee business plan.**

Schedule I: List of Water Service Providers

Schedule J: Report on management of Small Scale Water Service Providers.

The Report of shall contain:

1. **A clustering strategy, aiming to have a maximum of 11 water service providers in the Service Board Area and the sustainability of each.**
2. **The mapping of their sources of water, quality and institutional arrangements that they have.**
3. **The supervisory arrangement the main service providers have with the small ones within their area.**
4. **The supervisory arrangements that the licensee has with all those small scale providers that cannot be supervised by a main service provider given that the area has 27) known boreholes**
5. **The numbers of registered small scale water service providers in the service board area**
6. **Pro poor strategies in the area**
7. **The sensitisation and education campaigns launched by the licensee to educate them on the compliance requirements of the Water Act so as to manage the resources efficiently and for the benefit of the residents**
8. **The first report shall be submitted by latest by September 2011 under clause 12 of license**
9. **The report shall subsequently be updated and submitted to the Regulatory Board at annual intervals.**

Schedule K: Human Resources Policy Document

a. **In addition to the Human Resources Policy for the licensee submitted, the licensee shall develop a performance based human resources strategy and oversee its implementation over the human resource needs for its service area in all its WSPs to ensure that the staff ratios are maintained at acceptable levels and SPAs entered reflect this.**

b. **The strategy shall inter alia involve:**

1. **the employment of optimum number of staff and skills required for each service provider as against the revenues available and sector benchmarks**
2. **The optimal use of the staff in the service board area taking into account ability to pay , clustering strategy and use of backstopping activities by the licensee in the WSPs where commercial viability is yet to be attained.**
3. **The first report of the strategy and its progress shall be submitted to the Regulatory Board on an annual basis in the annual reports under clause 12 of the license.**

Schedule L Copy of Gazette Notice

The Committee is requested to:

a. **Recommend the approval of the license amendments to the Board of Directors for the licenses issued in 2007 as the amendments are generic:**

b. **Recommend the signing and issue of amended license conditions for all the WSBs.**

c. **Give any other recommendations it deems fit.**

Annex- additional information

1. **COAST WATER SERVICES BOARD**

The pre -2009 districts of Mombasa, Tana River, Lamu, Malindi, Kilifi, Taita Taveta, Kwale covering 83040 Km2 in the 1999 census it had 2,600,000 people. It has the following operational providers.

1. Mombasa Water Operations ï NWCPC
2. Malindi Water & Sewerage Company ï MALWASCO
3. Kwale Water & Sewerage Company ï KWASCO
4. Kilifi Water & Sewerage Company ï KIMAWASCO
5. Lamu Water & Sewerage Company ï LAWASCO
6. Taveta-Voi Water & Sewerage Company ï TAVEVO
7. Tana Water and Sewerage Company ï

2. **NORTHERN WATER SERVICES BOARD**

The pre -2009 districts Garissa ,Fafi, Ijara, Lagdera, Isiolo, Garbatulla, Laikipia East, Laikipia West , Laikipia North, Mandera East, Mandera Central, Mandera West, Marsabit, Laisamis, Charlbi, Moyale, Sololo, Samburu West, Samburu East, Samburu North , Wajir South, Wajir East , Wajir West and Wajir North Districts all of which have a total area of approx, **244,860 Km2** (about 43% of Kenya). This area has a population of about 2.0 million people and over 4.5million livestock.

1. Nyahururu Water & Sanitation Company
2. Rumuruti Water & Sanitation Company
3. Nanyuki Water & Sewerage Company
4. Garissa Water & Sewerage Company
5. Isiolo Water & Sewerage Company Ltd.
6. Mandera Water and Sanitation Company
7. Maralal water and Sanitation company
8. Moyale water and sanitation company

Registered small scale providers

1. Wamba Water and sanitation service provider	Wamba rural water supply	Samburu East
2. Nyakairu water service provider	Nyakairu rural water project	Laikipia east
3. Archers post water and sanitation provider	Archers post rural water supply	Samburu East
4. Golbo division water and sanitation service provder	• Odda rural water supply • Dabel rural water supply • Eldera borehole rural water supply. • Nana rural water supply. • Godoma water supply	Moyale
5. Boka water and sanitation provider	• Bori borehole rural water supply • Qate borehole rural water supply	Moyale

6. Uran Division water and sanitation service provider	• Walda rural water supply. • Rawana I &II Borehole rural water supply. • Golole rural water supply. • Uran Water Supply	Moyale
7. Obbu Water And Sanitation Service Provider	• Sololo rural water supply. • Wayegodha rural Water Supply. • Dambala Fachana rural Water supply. • Amballo rural Water Supply.	Moyale
8. Sirimon self help water project	Sirimon rural water supply	Laikipia East
9. Nyariginu cluster water and sanitation service provider.	• Ex-George Webb rural Water project. • Mwakamuga ruralWater project. • Mwinyama rural water project	Laikipia East
10. Nturukuma Water and Sanitation service provider	Nturukuma rural water supply	Laikipia East
11. Kinna Kanchoradhi Water service provider	Kinna rural water supply	Isiolo
12. Merti community water project	Merti water supply (rural)	Isiolo
13. Bisan Sericho Water project	Bisan Sericho rural water supply	Garbatulla
14. Bisan Kulamawe self help Society	Bisan kulamawe rural water supply.	Garbatulla
15. Kumahumatu water users association	Kumahumatu borehole rural water supply	Garissa
16. Sabuli Water and sanitation society	Sabuli borehole rural water supply.	Wajir South
17. Abakore water users association	Abakore bore holes rural water supply	Wajir South
18. Sarif Water Society	Sarif boreholes water supply	Wajir South
19. Ademasajida Water service provider	Ademasajida borehole rural w/s	Wajir south
20. Biya Madhow Water Users Association	Biyamadhow borehole rural water supply	Wajir south
21. Baraki Water Users Association	Baraki bore rural w/s	Lagdera
22. Dertu Water Users Association	Dertu borehole rural w/s	Lagdera
23. Damajaley water users Association	Damajaley borehole rural water supply	Lagdera
24. Gurufa water users association wsp	Gurufa borehole rural w/s	Lagdera
25. Hamey Water Users Association	Hamey borehole rural w/s	Lagdera
26. Kulan Water Users Association	Kulan borehole rural w/s	Lagdera
27. Shant ï Abak Water Users Association	Shant-Abak boreholes rural w/s	Lagdera
28. Daadab Water Users Association WSP	Daadab borehole water supply	Lagdera

29. Loglogo Water Users Association WSP	Loglogo borehole rural w/s	Laisamis
30. Vision Water Users Association	Vision borehole rural w/s	Laisamis
31. Marsabit Water Supply	Marsabit Urban Water Supply	Marsabit
32. Wajir Water Supply	Wajir minor urban Water supply	Wajir East
33. Habaswein Water supply	Habaswein boreholes w/s (rural category)	Wajir South
34. Masalani Water Supply	Masalani urban water supply	Ijara
35. Bura Water Supply	Bura area	Fafi
36. Garbatulla water supply	Garbatulla borehole water supply	Garbatulla
37. Laisamis Water Supply	Laisamis borehole rural water supply	Laisamis
38. Elwak Water Supply	Elwak area	Mandera Central
39. Modogashe Water supply	Modogashe area of Garbatulla and Lagdera	Lagdera
40. Doldol water Supply	Doldol town centre boreholes	Laikipia North
41. Garfasa/Muchuro water supply	Garfasa rural area w/s	Isiolo
42. Biliqo water supply	Biliqo rural centre	Isiolo
43. Bulesa water supply	Bulesa rural centre	Isiolo
44. Suguta Marmar water supply	Suguta rural centre	Samburu central
45. Kisima lchoro water and sanitation service provider	Kisima water supply (rural)	Samburu central
46. Southhorr Water and sanitation service provider	Southhorr water supply (rural)	Samburu North
47. Sipili boreholes water users Association	Sipili water supply (rural)	Laikipia west
48. Alinjugur Water User Association	Alinjugur borehole rural water supply	Fafi
49. Welmarer Water user Association	Welmarer borehole rural centre water supply	Fafi
50. Fafi Water Users Association	Fafi borehole rural water supply	Fafi
51. Yumbis Water users Association	Yumbis borehole rural water supply	Fafi
52. Wiyumiririe water supply	Wiyumiririe rural centre water supply	Laikipia East
53. Korakora Water user Association	Korakora water supply	Garissa
54. Ngaremara water supply	Ngaremara rural centre water supply	Isiolo
55. Baragoi water supply	Baragoi water supply(rural)	Samburu North

3. TANA WATER SERVICES BOARD

The pre -2009 districts Nyeri, Maragua, Muranga, Meru Central, Meru North, Nithi, Kirinyaga, Embu, Tharaka, and Mbeere Districts in the counties of Nyeri, Murang'a, Kirinyaga, Embu, Tharaka-Nithi and Meru with a combined area of **19,401 Square km** and an estimated population of about **4,402,036** (2009 census) people.

Contracted water service providers

1. Mathira Water and Sanitation Company (Mawasco)
2. Tetu Aberdare Water and Sanitation Company (Teawasco)
3. Othaya Mukurweini Water Services Company (Omwasco)
4. Gatamathi Water and Sanitation Company
5. Murangâa Water and Sanitation Company (Muwasco)
6. Murang'a South Water and Sanitation Company (Muswasco)
7. Kahuti Water and Sanitation Company
8. Kirinyaga Water and Sanitation Company (Kiriwasco)
9. Embe Water and Sanitation Company (Embewasco)
10. Nithi Water and Sanitation Company
11. Imetha Water and Sanitation Company
12. Meru Water and Sewerage Services (Mewass)
13. Embu Water and Sanitation Company (Ewasco)
14. Kyeni Water and Sanitation company
15. Nyeri Water and Sewerage Company
16. Ngariama Njukiini Water Consumers Association
17. Ngandori Nginda Water Consumers Association
18. Ngagaka Water Consumers Association
19. Gichugu Water and Sanitation Trust
20. Rukanga Water and Sanitation Company
21. Tuuru Water Supply
22. Kathiita Kiirua Water Association
23. Kathita Gatunga Water Association
24. Murugi Mugumango Water Society
25. Muthambi 4K Water Association
26. Ruiri Thau Water Association