



## MINISTRY OF WATER & SANITATION AND IRRIGATION

PROJECT NAME:  
WATER AND SANITATION DEVELOPMENT PROJECT  
(WSDP)

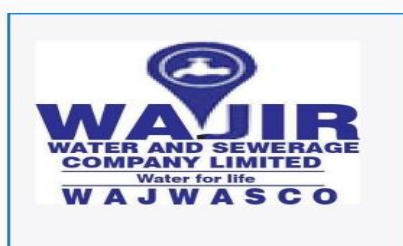
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### SOCIAL SCREENING REPORT FOR WATER & SANITATION DEVELOPMENT IN RIHFEIT/LEHELEY AND KUMBI, WAJIR COUNTY



DECEMBER 2021

IMPLEMENTING AGENCY;



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## EXECUTIVE SUMMARY

The Government of Kenya (GoK) through the Ministry of Water & Sanitation and Irrigation (MoWSI), the Northern Water Works Development Agency (NWWDA), the Water Services Regulatory Board (WSREB), and several counties and WSPs in the coast and Northern Kenya Counties including WAJWASCO, are implementing the World Bank-financed Water and Sanitation Development Project (WSDP).

In Wajir County, the project aims at increasing water production substantially from the existing water sources and the new water sources in Rihfeit/Leheley and Kumbi. The projected yield from 50m deep boreholes is 10m<sup>3</sup>/h for each borehole (5No Boreholes approximately 500m-800m apart). This will be confirmed by test drilling. Thus, the proposed works will add new consumers and improve the service to the existing consumers. The proposed immediate works are as follows:

- Drill and equip 4Nr and 1Nr new boreholes at Kumbi and Leheley respectively.
- 2No. 50m<sup>3</sup> elevated steel tanks for the Leheley Sub-location.
- Construction of a 15Km Raising main to Wajir Minor (Pipeline)
- Provision of solar power for the pumps at the 5No boreholes.
- Construction of 11 No of water kiosks in Leheley for water distribution network and 2Nr water kiosk at Kumbi area.
- Construction of 2.8 km pipeline water Distribution network in Rihfeit/Leheley sub locations.
- Construction 100M<sup>3</sup> storage tank at one of the borehole sites in Kumbi
- Construction of 1Nr and 2Nr Animal troughs at Leheley-sublocation and Kumbi locations respectively.
- Construction of 15Nr and 6Nr ecosan toilets for the vulnerable individuals and households at Leheley and Kumbi location respectively. This amount to 21 Nr ecosan toilets.

### Social Screening Process

The Social screening is intended to ensure that the proposed Rihfeit/Leheley and Kumbi Water Supply Project is subjected to, due diligence. The process of screening aims at determining the level of scrutiny for displacement and other social and cultural impacts. In addition, screening process identifies the various opportunities resulting from a Project's activities and how these opportunities can be enhanced.

The main objective of Environment and Social Screening will therefore be;

- To identify the social opportunities and risks likely to result from the proposed Project.
- To determine the scale and scope of potential social risks of the proposed project early on in the project design.
- To ascertain if the project will trigger displacement and any other social impacts.
- To determine the scope and geographical extend of social impacts to be analyzed further at ESIA stage.

The Social screening of potential social risks likely to be triggered by planned Project was undertaken on the 15<sup>th</sup> and 16<sup>th</sup> of September 2021 by the use of a standard screening checklist, Transect walk and field observation for potential Social risks along the Water distribution lines

in Kumbi, Leheley and Rihfeit including the Borehole sites, sites for the kiosks and the collection tanks.

### **Social Screening Risks Findings and Recommendations**

The social risk assessment findings in the Kumbi, Leheley and Rihfeit identified that the proposed wayleaves and road reserves are wide and free from encroachment for the project pipelines hence displacement is not triggered. Further, the water kiosk and reservoirs are constructed on bare community land. The signing of community land resolution and consent forms for land usage permits have been made. However, as the proposed water pipeline route approaches Wajir Town from Kumbi cases of interruption of services including, Road Drainage and micro-tunneling of the road will be experienced.

Consultations have been held with Kenya Urban Roads Authority (KURA), Kenya National Highways Authority (KeNHA), county department of road and Kenya rural road authority (KeRRA) on (i) Approval on use of Road reserves for water pipe laying and (ii) guidance on affected drainage culverts and access culverts.

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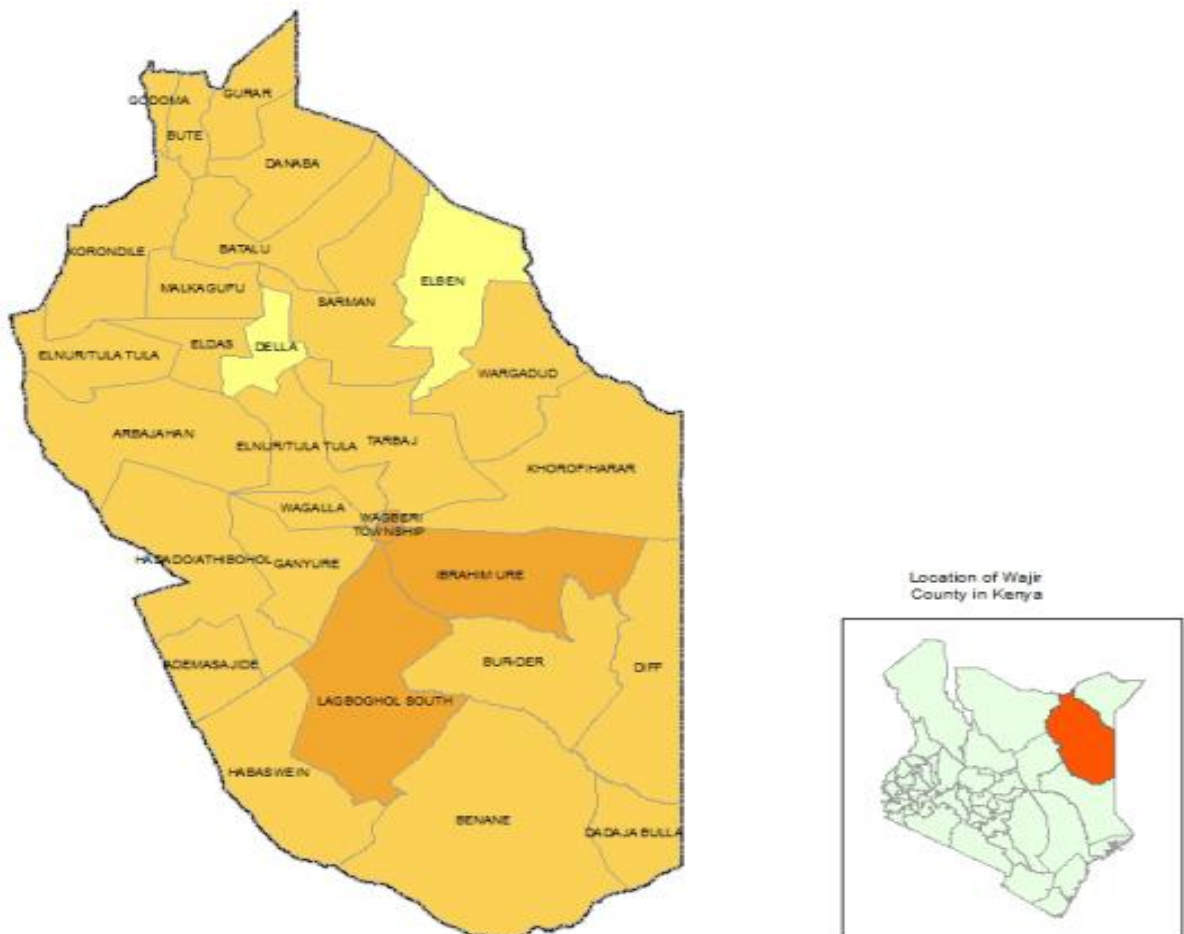
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## CHAPTER 1: PROJECT DESCRIPTION

### 1.1 Location and Administration

Wajir Town is the headquarters of Wajir County which is situated in the North-Eastern region of Kenya. The County lies between latitudes 3° N 60' N and 0° 20' N and Longitudes 39° E and 41° E and covers an area of approximately 56,686 Km<sup>2</sup>. It extends to the international border of Kenya with Ethiopia and Somalia and shares border with adjacent Counties. It borders Somalia to the East and Ethiopia to the North. Wajir County also borders Mandera County to the North East, Isiolo County to the South West, Marsabit County to the West and Garissa County to the South.

Wajir County comprises of six Sub-Counties, namely; Eldas, Tarbaj, Wajir East, Wajir West, Wajir North and Wajir South. It is further divided into 29 Divisions, 142 Locations and 172 Sub-Locations. Wajir Town lies under the jurisdiction of Wajir East Sub-county.

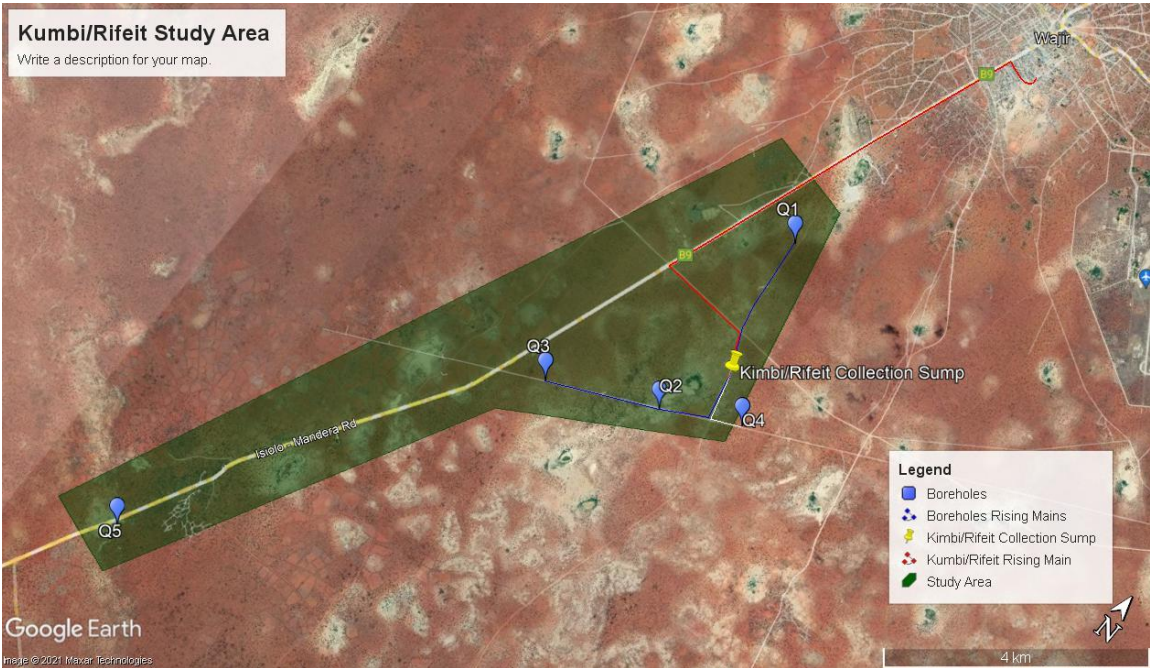


**Figure 1-1: Wajir County Administrative Units and its relation to Kenya**

The project area is located within within Kumbi, Leheley/Rihfeit, Wajir town and its environs with the project sites for Boreholes, water kiosks, latrines and cattle troughs being distributed in Kumbi and Leheley areas while the main rising run from Kumbi to Wajir town.

### 1.2 Study Area

The study area considered is within Wajir town of Wajir East sub-county and Rihfeit/Leheley and Kumbi area of Wajir South sub-county. Rihfeit/Leheley and Kumbi areas are located approximately about 15 km south of Wajir town. This is shown in the image below. However, the main rising of 15km runs from Kumbi area to Wajir minor in Wajir town.



**Figure 1-2: Location of Rihfeit/leheley and kumbi.**

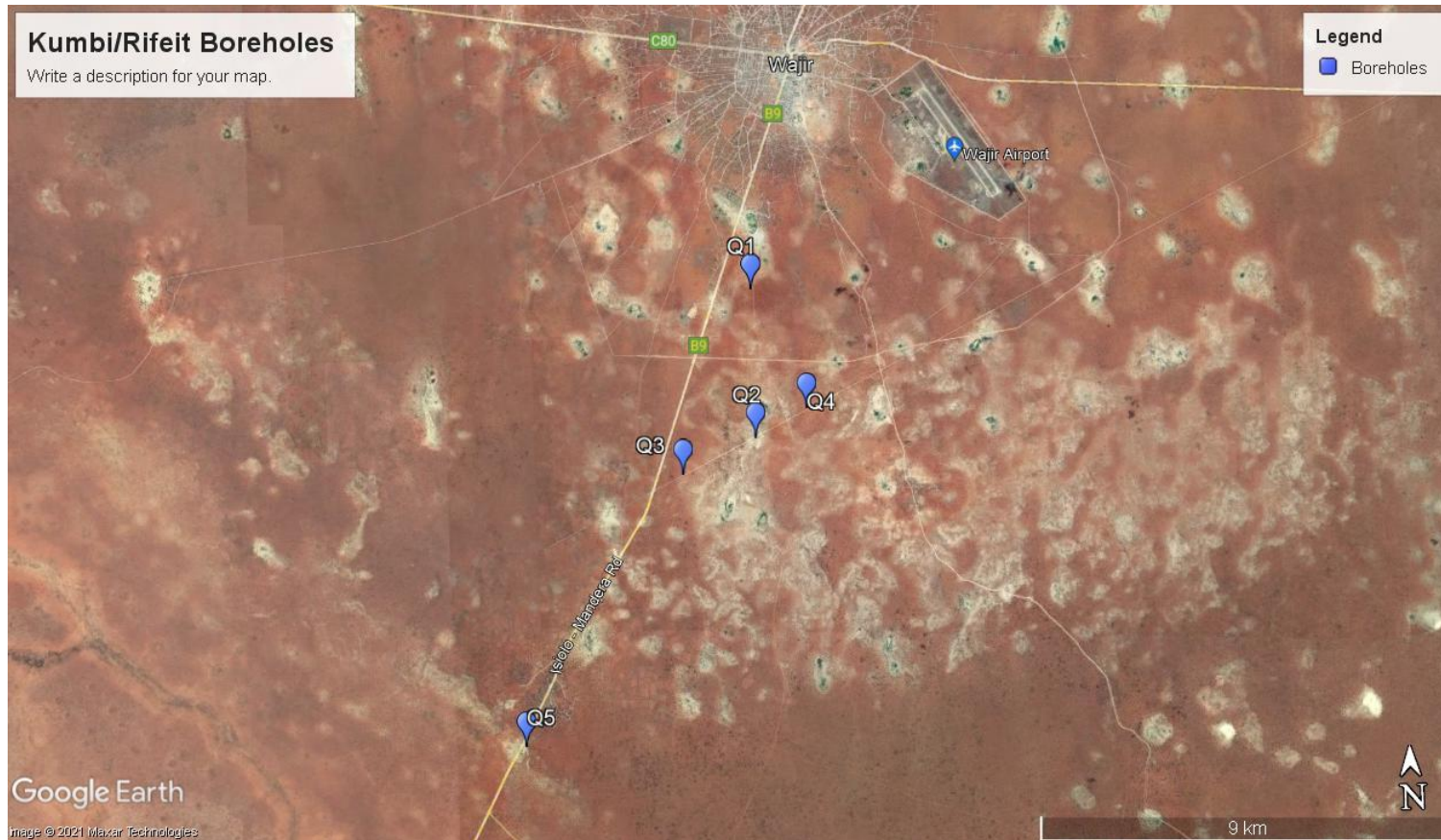
**1.3 Locations for the project components**

**1.3.1 Boreholes**

The boreholes are developed in a bare community land where each borehole will accommodate an approximate parcel of land measuring 50M by 50M. Cumulatively the boreholes will accommodate 0.25ha of community land. However, four will be in Kumbi area while one will be developed in Leheley area. The locations of the boreholes are summarized below

- ✓ Rihfeit (or Kumbi) 1: 37 N 0616705 UTM 0188533, Elevation 258m
- ✓ Kumbi 2: 37 N 0616703 UTM 0185326, Elevation 242m
- ✓ Kumbi 3: 37 N 0615100 UTM 0184582, Elevation 245m
- ✓ Kumbi 4: 37 N 0617829 UTM 0185921, Elevation 246m
- ✓ Leheley: 37 N 0611492 UTM 0178826, Elevation 234

The locations of the boreholes are shown in the maps below.



**Figure 1-3: Borehole locations in Rihfeit/leheley and kumbi**



#### **1.4 Community water kiosks**

There are 11 new proposed community water kiosks in Leheley area. These community water kiosks will serve better than individual connections in the short term since the available water is insufficient to be piped to every household. The Community water kiosks will ensure everyone has access to water from the date of commissioning of the water supply project as conceived in the Immediate Works. Each water kiosk will be constructed into a bare community land of 50M<sup>2</sup> within the leheley town and kumbi location. Cumulatively all the water kiosks will require 0.065ha of community land. The signing of community land resolution and consent forms for land usage permits have been made.

An approximate pipeline reticulation network of 2.8km length will serve the above number kiosks in leheley. The pipeline will be laid in the road reserves. This requires an approximately 0.14h of land. Consultation with County department of road and Kenya rural road authority on (i) Approval on use of Road reserves for water pipe laying has been done.

#### **1.5 Storage .**

There will be a centralized collection tank at Kumbi of (2No. 50M<sup>3</sup>) 100m<sup>3</sup> pressed steel elevated steel tank. Water from four boreholes will be pumped to this singular tank from which water will be pumped to Wajir Minor. While the other 1Nr borehole will supply water to Leheley community through the 2Nr steel tank and the 11 Nr water kiosks at Leheley.

Provision will be made for supply of water to the community through 2Nr water kiosks and 2Nr livestock watering troughs at Kumbi area.

The collection tank at Kumbi will require an approximate parcel of land that measuring 75m by 50m while the two number still tank at Leheley town will be constructed in two different parcel of land measuring 10 by 10 meters. However, the troughs and the two-water kiosk dedicated to Kumbi location will be constructed within the compound of the collection tank in Kumbi area. Cumulatively the storage tanks will require 0.395ha of land.

#### **1.6 The main rising pipeline**

The main rising pipeline runs form kumbi to Wajir minor in Wajir Town with approximate distance of 15km. This will be laid in road reserves that are classified into Rural and National roads. The 10 KMS of the pipeline will be laid in County roads reserve while the rest of the 5km will fall on national road reserve that belongs to Kenya National Highway Authority (KeNHA).

## **1.7 Immediate Measures for the Improvement of Water & Sanitation sustainability**

The immediate works aim at increasing water production substantially from the existing water sources and the new water sources in Rihfeit/Leheley and Kumbi. The projected yield from 50m deep boreholes is 10m<sup>3</sup>/h for each borehole (5No Boreholes approximately 500m-800m apart). This needs to be confirmed by test pumping after drilling works. Thus, the proposed works will add new consumers and improve the service to the existing consumers.

The proposed immediate works are as follows:

- Drill of five new boreholes at Rihfeit/leheley and kumbi project sites.
- Equipping of the 5No wells in the project sites
- 2No. 50m<sup>3</sup> elevated steel tanks for the leheley site
- Construction of a 15KM Raising main to Wajir Minor
- Provision of solar power for the pumps at the 5No boreholes in Rihfeit/Leheley and Kumbi water supply.
- Construction of 11 No. of water kiosks in Rihfeit/leheley for water distribution.
- Interconnect the new elevated tank into the distribution system
- 2.8 Km pipeline Distribution network in Rihfeit/Leheley Areas
- Construction of 21No Ecosan latrines to Vulnerable households in Leheley and kumbi location.
- Construction of 3No. Animal troughs at leheley and kumbi location.

The project will also involve the supply of equipment to aid the management and maintenance of the installed water supply infrastructure. This equipment will include:

- 7 No. 16m<sup>3</sup> Water Bowsers for water supply and 1No. 16m<sup>3</sup> Water Bowsers for sanitation, for distribution of water to thirsty prone areas
- 4 No. of 4x4 single cabin pickups for Operations and Maintenance of borehole sites.
- 2 No. crane truck for installation, repair and maintenance of borehole pumping equipment.
- 30 No. Motorcycles for operations and Movement for revenue collection of water kiosks and individual connections (for meter reading and O&M)
- Laboratory equipment and reagents at WAJWASCO laboratory.
- Meter testing bench at WAJWASCO laboratory
- Consumer meters complete with associated fittings. (400 number 13mm diameter meter, 200 number 19mm diameter meter)
- Prepaid Meters for WAJWASCO.
- supply and installation of solar PV power and other related borehole equipment

## **1.8 Social Screening Process**

The Social screening is intended to ensure that the proposed Rihfeit/Leheley and Kumbi Water Supply Project is subjected to, due diligence. The process of screening aims at determining the level of scrutiny for displacement and other social and cultural impacts. In addition, the screening process identifies the various opportunities resulting from a Project's activities and how these opportunities can be enhanced.

The main objective of Environment and Social Screening will therefore be;

- To identify the social opportunities and risks likely to result from the proposed Project.
- To determine the scale and scope of potential social risks of the proposed Project early on in the project design;
- To ascertain if the proposed project will trigger displacement and any other social impacts.

Therefore, the process of Social screening of potential risks likely to be triggered by planned Projects was undertaken on the 15<sup>th</sup> and 16<sup>th</sup> of September 2021 by the use of standard screening checklist, Transect walk, discussion on specific sites and field observation for potential Social risks along the Waterlines in Kumbi, Leheley and Rihfeit including the Borehole sites, and sites for Water kiosks and storage tanks.

## CHAPTER 2: SOCIAL OPPORTUNITIES AND RISKS IDENTIFICATION

### 2.1 Anticipated Project Opportunities

**Construction Stage:** Opportunities arising from the project will include:

- Creating business opportunities especially for locals as most of them will be involved in small time trades such delivering food to site workers;
- Acting as a source of livelihood for the community members/the youth who will be used to run the project;
- Acting as a source of income for those supplying materials for the project.
- Provision of employment activities including employment opportunities for women: Although limited and at a small scale, project activities are likely to result in small scale employment opportunities for the youth and women e.g. as happened during enumeration but also during beaconing.

**Operation Stage:** The several positive impacts are summarized below:

- Improved availability of water. This lead to
  - ✓ Reduction in workload for women as time will now be available to focus on other activities
  - ✓ Improved number and health of livestock
  - ✓ Improved school attendance by children as a result of less time spent fetching water
  - ✓ Improved Hygiene and sanitation practices
- Provision of employment, for the people that will be managing and maintaining the boreholes, reticulation network and water kiosks.
- Improve to access of quality and clean water
- Improved overall hygiene of the beneficiary communities as a result of improved access to clean water and better sanitation facilities. This will lead to:
  - ✓ Reduced cases of waterborne diseases such as cholera, typhoid, amoeba and diarrhea through provision of sanitation facilities due to improved hygiene.
  - ✓ Improved children school enrolment rate and reduced dropout occasioned by illnesses
- Proper disposal of waste that will also reduce pollution of water sources, particularly shallow wells.
- Provision of toilets improves hygiene within the project area and therefore reduce the spread of waterborne diseases thus lead to reduction of disease such us cholera.
- Money spent on treating such infections can now be directed towards other economic activities.

## 2.2 Consultation for the social screening.

Consultation with County department of road and transport, individual business owners and households with close proximity along the road reserve where the pipelines are intend to be laid were carried out on 15 and 16 of November 2021. The consent of the county road department was obtained while the public consulted resolved that there will be no displacement and livelihood interference during the construction of the works as per the attached minutes in appendix 2 of the report. The concerns were only emission of dust, noise and traffic concerns that can be mitigated during the exaction of the trenches and these have been captured in the ESIA study and appropriate mitigation measures proposed.

ON Road authorities request for the ways leaves were submitted to KeNHA and KURA. However, KeNHA guided the team to make an application through their website while KURA received the attached written request. Therefore consent to obtain right to use the road reserves is being processed and will be acquired in due course. However, the consultations minutes detailing the issues discussed and agreements reached together with the names of the representatives of the proponent and KURA/KeNHA is presented in the annex2 of this report.

## 2.3 Social Risks Screening Findings

**Table 2.1** below provides a screening of Social and economic risks associated with the project activities in Rihfeit/Leheley and Kumbi.

**Table 2-1: Social Economic Risks Screening**

Issue	Yes	No	Description	
<b>Site Location</b>				
is the land consent forms sign by the community?		√		The proposed investments will be developed in a community land where the signed land resolution and consent forms are attached in the ESIA report.
Are there known archaeological, historical or other cultural property e.g. graves? Are any of these world heritage/ UNESCO designated etc.		√		The site is not an archaeological, historical or other cultural property. There are no grave or burial sites located within the settlement.
<b>Socio-economic Risks</b>				
Will the project:	Yes	No	Description	
Entail resettlement of population?		√		There is no anticipated localized or complete displacement. All the project site are located on bare community land except the pipeline that will be laid on road reserves with the guidance respective authorities. Eg KeNHA, and County road department.
Affect indigenous/marginalized/vulnerable people?		√		There are no indigenous or vulnerable people affected by the project investments.
Limit access to natural resources to local populations		√		Normal access to natural resources anticipated including grazing land.

Induce further encroachment of nearby areas?		√		Not likely
Cause any health and safety impacts on community/workers?	√			Constant activities on the ground e.g. presence of speeding motor vehicles, exposed trenches may also cause a risk to the community
Disturb nearby communities during construction?		√		Not likely
Affect (negatively) nearby properties?		√		Not likely. No property will be relocated or lost.
Increase insecurity due to introduction of the project?		√		Not likely
Increase exposure of the community to communicable diseases such as HIV/AIDS?		√		there is no influx of population in large numbers likely to be triggered by the project
Have machinery and/or equipment installed for value addition?		√		Project does not seek to install any machinery or equipment within the site
Introduce new practices and habits?		√		No new practices and habits will be introduced. Project aim is tenure regularization
Lead to child delinquency (school drop-outs, child abuse, child labour, etc.?)		√		Children will not be involved in the project.
Lead (negatively) to gender disparity?		√		Not Likely
Induce conflict		√		Not Likely
Lead to poor diets?		√		Not likely
Result in involuntary restriction of access by people to legally designated parks and protected areas?		√		Not likely as there are no designated parks and protected areas in the vicinity
<b>Resettlement Risks</b>				
<b>Will project result in loss of:</b>				<b>Description</b>
Crops/trees		√		There are no trees or crops within the settlement. only shrubs will be impact during the construction period
infrastructure/assets (Public)	√			The social risk assessment findings in the Kumbi, Leheley and Rihfeit identified that that the proposed wayleaves and road reserves are wide and free from encroachment for the construction of pipeline. The boreholes and other water works will be constructed in bare community land hence Resettlement is not

				triggered. However, as the proposed water pipeline route approaches Wajir Town from Kumbi and Lehelay cases of interruption of services including, Roads and Drainage will be experienced. No agricultural land will be impacted
Agricultural land or land used for productive purposes (e.g. gardening, farming, pasture, fishing locations, forests)		√		
Livelihoods		√		Will not impact livelihoods
<b>Will the project cause:</b>	<b>Yes</b>	<b>No</b>		<b>Description</b>
Acquisition of private land?		√		Private land will not be acquired.
Alienation of any type of government land including that owned by urban local body?		√		No
Clearance of encroachment/squatting from government/ urban local body land?		√		The road reserves are wide and free from encroachment The screening report provides for the need for proper consultation with Kenya Urban Roads Authority KURA, Kenya National Highways Authority (KeNHA) and Kenya Power on (i) Approval on use of Road reserves for water pipe laying and (ii) guidance on relocation of affected power poles, drainage culverts and access culverts
Structures both authorized and/or unauthorized to be acquired/cleared?		√		N/A
Number of household to be displaced?		√		N/A
Common properties to be alienated, Pasture land/cremation/burial ground and others		√		There are no common properties to be alienated complete displacement and resettlement will not be involved
Result in construction workers or other people moving into or having access to the area (for a long period and in large numbers compared to permanent residents)?		√		No large number of construction workers are foreseen to move into the project area.

Financial compensation/facilitation measures to be needed?		√		N/A
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In summary, the specific risks as detailed above include:

- (i) Impact public infrastructure/assets: The social risk assessment findings in the Kumbi, Leheley and Rihfeit identified that that the proposed wayleaves and road reserves are wide and free from encroachment for all the project components listed hence Resettlement is not triggered. However, as the proposed water pipeline route approaches Wajir Town from Kumbi and Lehelay cases of interruption of services including Road Drainage and access Culverts will be experienced. Consultations have been carried out with roads authorities and agreements on collaboration during implementation of project activities provided as attached in the annex 2.
- (ii) Interference with normal health and safety of community members and workers: Constant activities on the ground e.g. presence of speeding motor vehicles, exposed trenches may also cause a risk to the community

## 2.4 Social Risks Significance

Table 2.5 below provide impact significance rating for identified social risks

**Table 2-2: Social Risk Significance Rating.**

Impact	Rating Factors				Weighting	Significance
	Extent (E)	Intensity (I)	Duration (D)	Probability (P)	Weighting (E+ I+D+ P)x WF	Significance Rating
<b>Social Risks</b>						
Impact public infrastructure/assets	Location (3)	Medium (3)	Short term (1)	Likely (3)	(3+3+1+3)Low to medium (2) = 20	Low
Interference with normal health and safety of community members	Site (2)	Low (1)	Short term (1)	Possible (2)	(2+1+1+2)Low (1) = 6	Low



### **CHAPTER 3: CONCLUSION AND RECOMMENDATIONS**

The social risk assessment findings in the Kumbi, Leheley/Rihfeit and wajir identified that the proposed wayleaves and road reserves proposed for the main rising and the distribution lines are wide and free from encroachment hence displacement is not triggered. However, as the proposed water pipeline route approaches Wajir Town from Kumbi and Lehelay, cases of interruption of services including, Road and Drainage will be experienced. Access to roads will be interrupted especially when the micro-tunneling is done on tarmack road and cutting of un-tarmacked roads. Consultations have been carried out with roads authorities and agreements on collaboration during implementation of project activities. The outcome of the consultations in form of agreements reached is detailed in the minutes of meeting attached in the report.

For the proposed boreholes, water kiosks and the storage tank construction will be carried out in a bare community land of approximately 1.6 ha. The proposed site specific parcel of land will not affect neither restrict community grazing land as well no physical or economic displacement is anticipated since the investment will be done on bare community land. The community land resolution and consent forms were attached in the ESIA report.

The social screening report provides for further follow up of the road authorities in order to:

(i) Acquire approval on use of Road reserves for water pipe laying and (ii) guidance when doing micro-tunneling and interference of drainages during the construction stage of the project.



Borehole Site in Kumbi – County Land



Kumbi Water Pipeline – Free from Encroachment or any community establishments



Borehole Site in Leheley – County Land



drainage to be affected during the pipe laying.at a junction of kenha and kura road within wajir town.

Codinate:

Latitude: 1.74296

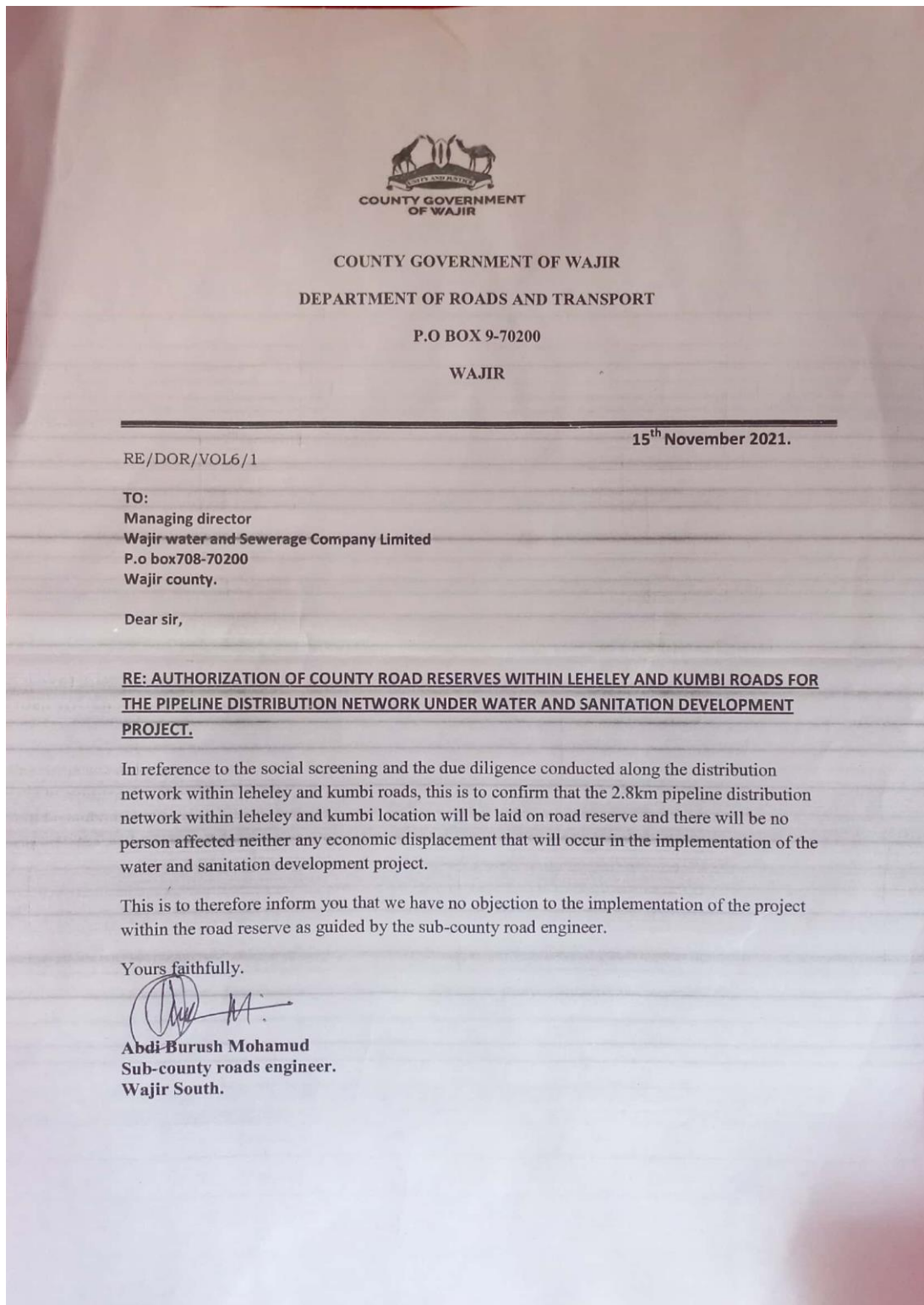
Longtitude: 40.05612

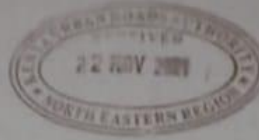


Leheley Water Pipeline – Free from Encroachment or any community establishments

# APPENDICES

## APPENDIX 1: APPROVAL AND RECEIVED REQUEST LETTER ON USE OF ROAD RESERVE (KURA / KENHA/ COUNTY ROAD DEPARTMENT)





Water & Sewerage Company Limited (Wajwasco)  
P.O BOX 708-70200 Wajir, Kenya  
E MAIL: info@wajirwater.co.ke/abdi.mohamed@wajirwater.co.ke

Our REF C.779/PL/AM/002 DATE 22nd November, 2021

To:  
DIRECTOR GENERAL,  
KENYA URBAN ROADS AUTHORITY

Dear Sir,

RE: WATER AND SANITATION DEVELOPMENT PROJECT

SUBJECT: REQUEST FOR AUTHORISATION TO LAY WATER PIPELINES WITHIN THE  
AUTHORITIES ROAD WAYLEAVE.

The County Government of Wajir through Wajir Water and Sewerage Company (WAJWASCO) is currently implementing Water and Sanitation Development Programme (WSDP) financed by the World Bank through the Government of Kenya.

The scope of works under this programme shall involve laying of water transmission and distribution pipelines along the major roads on the outskirts and within Wajir Township. We therefore write to request your office for authorization to carry out the subject works within the authority's road wayleave corridors to provide the services to the people of Wajir township.

We commit to undertake the works with care and precaution in strict adherence to the guidelines that shall be issued by your office. Proper reinstatement of the working areas shall be ensured to the satisfaction of the oversight team from your office

We have attached the layout showing the proposed pipeline routes for your review and consideration.

Yours Faithfully;

Ali Bashane

Managing Director



## **Appendix 2: consultation minutes and attendance register**

### ***Minute of a meeting held at kumbi borehole sites on 16<sup>th</sup> November 2021 at 3:30p.m***

Present members.

1. Nur mohamed
2. Abdi mohamed adan
3. Mohamed Ali Karim
4. Musa Abdi Mursal
5. Osman Bule Nur
6. Abdikadir Diisow Abdi
7. Muktar Haji Mursal
8. Sharif Omar Elmi
9. Fatuma Bule Ali
10. Abdullahi hassan omar
11. Rashid haji mohamed
12. Ali Adan Yussuf
13. Mohamed Billow Omar
14. Omar Muhumed Hussein

#### **MIN1: Introduction.**

The meeting kicked off 3:30pm with a word of prayer from the area chief and there after requested for self- introduction. He briefly explained the project component and handed over the session to the social safeguard expert for further explanation on objective of the meeting.

Social safeguard expert explained the project component in detail to the members and informed the intent of having social screening which is to:

- a. Identify whether the project component will either physically or economically displace people
- b. Identify whether the project component will affect the community grazing land.
- c. If it will adversely affect the any social amenities.
- d. Have a discussion with local community members along the road reserve and agree on collaboration measures of implementation the project.

Further the social safeguards expert explained the significant of social screening and important of developing structured way of working with the community to ensure smooth implementation of the project.

#### **Discussion and feedback.**

1. It was enquired whether the project component will affect any social-economic amenities in the project study are.

*Ahmed abdi* reply that the project component doesn't actually interface with any existing shallow well, or any other water infrastructure but the concern is fear of draining the shallow aquifer which have direct impact to the shallow Wells that have already approximately 60% dried up.

In reply the engineer informed that drilling of the boreholes will be done in professional manner and to ensure protection of shallow wells, a plane casing will be used to seal off the upper aquifer so that it doesn't drain down to the subsequent dry layer under the upper aquifer. This is to ensure no shallow well will be affect as a result of drilling.

The boreholes will be drilled up to 150m where the intended aquifer is found. In reaching the intended aquifer a perforated casings will be used to allow abstraction of water. Further he informed that supervision of this work will be carried out by procured independent consultant firm with strict mandate of ensuring all adverse effect are mitigated as per the ESIA report.

The client (wajwasco) will also do it is own Supervision to ensure that there will be no gaps in Supervision of the site - specific mitigation measures.

Though the pipeline will be laid in a roads reserve, through transect walk, three points were identified where the pipeline will cross the road. At this juncture the engineer enquired on possible mitigation measure so as to safeguard the surface run way.

It was replied that on a road that are tarmacadam micro-tunneling will be the best practice. This will be timed and done when there is no high traffic. Traffic management and control plan will also put in place during the construction. The plans will be provided in the C-ESMP and implemented appropriately.

However, on roads that are not tarmacked cutting will be done and back filled so as to ensure that it will be restored to its original or better status.

On the grazing land the team were shown the boreholes specific sites and given the measurement required for each site that measured 50m by 50m. In the discussion, the members unanimously agreed that the land required for the boreholes is insignificant compared to millions of acres of land belong to the community. Therefore, team unanimously agreed that the grazing land is not significantly affected and there will be no restriction on the grazing land. Further the team confirmed that the land is a bare community land hence no economic and physical displacement is expected.

The chief informed the community members that this is a noble project where every community members should appreciate and show ownership. He informed the meeting that protection of the pipeline is paramount after the completion of the project.

## **MIN 2: A.O.B**

There being no any other business to discuss the meeting was adjourned at 4:40pm.



Discussion with community members at kumbi boreholes sites.

Village: Kumasi West

PUBLIC CONSULTATION MEETING  
LIST OF ATTENDANCE  
WATER AND SANITATION DEVELOPMENT PROJECT

date: 16/11/2021

SNO	NAME	Gender	ID NO	VILLAGE/INSTITUTION/ ORGANIZATION	SIGNATURE
1	Nor Mohamed	M		Kumasi	
2	Abd. Mohamed	M		Kumasi	
3	Mohamed Ali Kerim	M	0706668307	0706668307	
4	Samuel Abu Nur	M	072591189	Watershy	
5	Mohamed Bawa Abi	M	0729528701	Kumasi	
6	Amor Mohamed Hilga	M	0784433931	"	
7	Mohamed Kallu Omar	M	0722795025	"	
8	Abd. Mula Yusuf	M	0725138942	"	
9	Abdul Hagi Mohamed	M	0710144863	"	
10	Abdullah Hassan Omar	M	07125477806	"	
11	Musa Abd. musal	M	0720730444	Kumasi chief	
12	Fahim Saleh Abd.	F	0	Kumasi resident	
13	Abdullah Omar Elzoni	F	0714733869	"	
	Abdullah Hagi Mohamed	M	0724993444	"	

***Minute of a meeting held at bambow market in wajir along road reserve on 15<sup>th</sup> November 2021at 9:00am***

***Present members.***

1. Bishara Osman
2. Hibo ali maalim
3. Sahara ali mohamed
4. Habiba abdullahi
5. Isnina Osman hashi
6. Joice Samuel
7. Annethe ndinda
8. Beatrice karamu
9. Hawa abdi Hassan
10. Ali mohamed abdi
11. Abdi mohamed adan
12. Abdiaziz mohamed

***Min1: introduction.***

The meeting kicked off at around 9:00am at bishara Osman's shade at bambo market center. The chief opened the meeting with introduction of the present member. He explained the intent to have a pipeline along the road reserve and requested the members to welcome the pipeline since it will enhance availability of water in wajir town.

The social safeguard expert explained that the boreholes will be drilled at kumbi location and the pipeline will be laid along the road reserve. He informed the attendees that the intention of the meeting is to carry out social screening and make a determination if the proposed project will trigger displacement and other social and cultural impacts. He informed the meeting that laying of the pipeline is not an intense work like other civil work construct which will take months. further he informed that corporation of the public is paramount during the actual implementation.

***Discussion and feed back.***

*Bishara Osman*- charcoal and food vendors along the adjacent to road reserve pointed out that the pipeline project is of good importance to them as it avail water to the town since they depend on water vendors who sells them to an expensive price of 25ksh per 20L. she pointed that during the implementation they prefer the excavation to be done at late hours of the day when the customer turn up is minimal. Further they requested the excavation to be done on Fridays since some of them don't open the business on Fridays.

*Sahara alia* suggested for a temporary wooden bridge to be erected in front of shop for crossing over the trench while the construction is on course.

*Hibow abdi* - In regards to timelines, proposed the excavation to be done in portion so as not interfere all stakeholders on the same day.

In conclusion the trader unanimously agreed that The traders preferred the contractor to subdivided the work of the pipeline into reasonable distance of 300-600m where he can execute both excavation and back filling of the trench within one or two days depending on the workforce available on that same material day. This will reduce the risk of having an open trench for not more than two consecutive number of days.



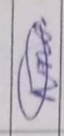
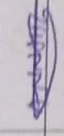

Further it was agreed that since the laying of the pipeline is not intense activity and doesn't economically or physically displace the traders the contractor will community prior before the actual work begin for the sections to be excavated and backfilled within certain days.

**Min2: adjournement**

There being no any other business to discuss the meeting was adjourned at 10:00am.

PUBLIC CONSULTATION MEETING  
LIST OF ATTENDANCE  
WATER AND SANITATION DEVELOPMENT PROJECT

Venue: Bambo Market Bambara Osman's date: 15/11/20

S/NO	NAME	Gender	ID NO	VILLAGE/INSTITUTION/ ORGANIZATION	SIGNATURE
1.	Bishara Osman	F	14466754	Bambo Market	
2.	Hawa Asli Mathan	F	14466779	"	
3.	Sahara Ali Mohamed	F		Bambo Market	
4.	Habiba Achidi	F		Bambo Market	
5.	Ishing Osman Hushi	F	2374450	Bambo Market	
6.	Joice Samuel	F	32867055	"	
7.	ANNETTE NDINDA	F	29434642		
8.	Bet Beatrice Karambu	F	30800674	Jobi Vendor	XX
9.	Hawa Aschi Haskan	F		Maching area	
10.	Ali, Mohamed Aschi	M	38468270	Fallat Filling Unit	

***Minute of a meeting held at township chief's office on 16<sup>th</sup> november 2021 at 11:00a.m***

Present members.

1. Abdiaziz mohamed
2. Abdiqani bishar
3. Nasir A. Elmi
4. Abdirizak S. maalim
5. Issak dore mohamed
6. Suleiman adan dubow
7. Abdi bara Hussein
8. Waes adan
9. Abdi abdullahi abdi
10. Abdirashid ragow nur
11. Sahal bare
12. Frah Hussein abdi

**Min1: introduction.**

The meeting kick off at around 11am at township chief office. The chief open the meeting with word of prayer and explained the intent to have a pipeline along the road reserve that passes also their un developed parking area. He informed that the town is in dire need of water since the shallow well have dried up.

The social safeguard explained that the boreholes will be drilled at kumbi location and the pipeline will be laid along the road reserve. He informed that the intention of the meeting is to carry out social screening and make a determination of how to resolve or mitigate any impact that might arise. He informed that laying of the pipeline is not an intense work like other civil work construction which will take months. further he informed that corporation of the public is paramount during the actual implementation.

**Discussion and feedback**

Taxi drivers occupy a small distance or portion of not more than hundred meters where the mains rising pipeline will be laid. They are adjacent to the chief office, though they don't occupy a developed parking area. Effect is minimal and can be overcome within one day or so since the activity of laying pipe is not intense and time consuming compared to other civil works involved in the project.

After the discussion the members resolve with the following.

- a. Their portion or designated area be excavated and backfilled appropriately at night or early morning hours between 6am to 8am of the day.
- b. The team request any transportation vacancies be accorded to them so that they can as well benefit from the project.



- c. They pointed out that some of the youth members are trained plumbers doubling up also as taxi drivers who can professionally take part in this noble project hence any opportunities that arises in this project be accorded and given priority to them.
- d. It was resolved that the vehicle can temporarily be parked in an open road reserve areas where the excavation was done and finished before their current parking area is accessed since the activity is not intense and time consuming.
- e. It was also resolved that the information will be conveyed or related by the chairman to other absent members that operates in the parking area.
- f. Contractor to communicate one day prior through the chief and the overall chairman when the actual excavation laying of the pipes will be carried out.

**Min2: A.O.B**

There being no any other business to discuss the meeting was adjourned at 12:30am

PUBLIC CONSULTATION MEETING  
LIST OF ATTENDANCE  
WATER AND SANITATION DEVELOPMENT PROJECT

Venue: Township Chief Office

Date: 16<sup>th</sup> Nov 2021

S/NO	NAME	Gender	ID NO	VILLAGE/INSTITUTION/ ORGANIZATION	SIGNATURE
1	ABDIAZIZ MOHAMMED	M	26863484	CHIEF	
2	AGDI QAMBI BISHAR	M	24408049	OVERSEER - CHAIRMAN	
3	KASIM X. FERU	M	11172764	S/CHIEF	
4	MADINJACK S. MOHAMMED	M	3855432	PROGRAM	
5	ISSACK OUMI MOHAMED	M	29591992	A/CHIEF	
6	Sulaiman Adan Duboni	M	29603792	Taxi driver	
7	Abdi Bore Hussein	M	274403896	Taxi driver	
8	Maes Adan	M	072692508	Taxi driver	
9	Sihal bore	M	0786796941	"	
10	Abdi: Abdillahi Abdi	M	0723603736	Taxi driver	
11	Abdirashid rasim adu	M	0729889830	"	
12	Farah Hussein Adan	M	0713270234	"	

## ***Minute of a meeting held at kumbi borehole sites on 15<sup>th</sup> september 2021 at 10:00a.m***

Present members.

1. Ahmed mohamed olow
2. Mohamed sharif
3. Adam mohamed omar
4. Abdi burush mohamed
5. Mowlid abdullahi
6. Mohamed nur guyo
7. Farhiya mohamed adan
8. Hawa sharif
9. Musa abdi mursal

### **MIN1: Introduction.**

The meeting kicked off 10.00am with a word of prayer from the area chief and there after requested for self- introduction. He briefly explained the project component and handed over to the social expert for further explanation on objective of the meeting.

Social safeguard expert explained the project component in detail to the members and informed intent of having social screening which is to confirm or repute the outcome of the baseline survey in the ESIA report. The objective of the meeting is to:

- e. Identify whether the project component will either physically or economically displace people
- f. Identify whether the project component will restrict the community grazing land.
- g. If it will adversely affect the any social amenities.
- h. Have a discussion with local along the road reserve and agree on producer of implementation the project.

Further the expert explained the significant of social screening and important of developing structured way of working with the community to ensure smooth implementation of the project.

### **Discussion.**

hawa pointed that during the implementation they prefer the excavation and backfilling to be done on daytime so as road users can clearly see the trench avoid to fall.

*chief adan mohmed* pointed that the trench should not be excavated in all areas within the town since children and animal can fall. He preferred excavation to done in portion. Further he pointed that this work should be given to local since it was agreed during the general public consultation of the ESIA preparation.

*Mohamed olow* pointed out that sign board written of Somali language and drawing on danger signs to be erected on area where the construction is carried out.

*Mohamed nur* pointed that during the drilling of the borehole proper scaffolding should be put in place since children are curious and can come to close range to the construction sites.

*Hawa* informed the meeting that when the trench is on-going the household on close proximity to the areas where the excavation is carried out to be notified and dust to be minimise where possible.






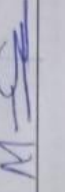

Min A.O.B

There being no any other business to discuss the meeting was adjourned at 11:30am

PARTICIPANT OF THE SCREENING PROCESS  
LIST OF ATTENDANCE  
WATER AND SANITATION DEVELOPMENT PROJECT

Venue: Lebelay farm area

date: 15/03/2022

S/NO	NAME	Gender	ID NO	VILLAGE/INSTITUTION/ ORGANIZATION	SIGNATURE
1.	Musa Abdi Mursal	M	20385198	Kumbi chief	
2.	Ahmed Mohamed Skir	M	9746454	lebelay elder	
3.	Mohamed sharif Mohamed	M	14468036	lebelay elder	
4.	Moukib Abdullahi Jehan	M	29376966	Wajiraca	
5.	Muizet Mohamed Asli	M	0054838	Kumbi elder	
6.	Abdi Bursh Mohamed	M	27229949	Engineer roads WAG	
7.	Adan Mohamed amax	M	072453730	Ass chief lebelay	
8.	Mohamed Nur Guyon	M	073761008	village elder	
9.	Farhays Mohamed Ash	F	2805991	lebelay	
10.	Ahmed sharif	F	0525888	lebelay	

Minute of a consultation meeting held virtually with KeNHA officials on 13<sup>th</sup> September 2021 at 10:00am.

**Present members.**

NAME	DESIGNATION	ORGANIZATIO
1. Ali Bashane	MD WAJWASCO	WAJWASCO
2. Ahmed Abdi	Deputy MD	WAJWASCO
3. Abdi Mohamed	Safeguards	WAJWASCO
4 Martin Nganga	Engineer	KENHA
5 Rodgers Otieno	Engineer	KENHA

**Min:1 Introduction.**

The meeting was officially opened by the Managing Director of WAJWASCO and thanked KENHA officials for dedicating their precious time to discuss with WAJWASCO team on issues concerning road reserving. He introduced the WAJWASCO team and there after request KeNHA team to introduce themselves.

The MD officially briefed the KENHA officials on the WATER AND SANITATION DEVELOPMENT PROJECT and the intention of WAJWASCO to bring piped water to Wajir town from Rifeit/kumbi area. He informed the meeting that an approximate distance of 7 km of the road reserve along wajir – Habaswein road is needed for laying the rising main pipeline. Further, he informed that the pipe will cross the road at some point within wajir town area. He further informed that the intention is to seek approval to use the road reserve and guidance on collaboration of Implementing agency and the Roads authorities during implementation of the pipeline works.

**Discussion**

In the discussion KENHA officials through Eng. *Martin Nganga* guided WAJWASCO officials on the application procedure and Pointed out that wajwasco to:

- 1. Writing official letter to the Director General requesting for approval.***
- 2. Sharing Maps and General layout of the area and piping to be done***
- 3. Doing all applications online on KeNHA website.***

*The letter together with the Maps and layout were immediately shared with them.*

The KENHA officials through Eng. *Rodgers Otieno* enquired whether any road infrastructure will be affected during the implementation of the works contract.

***In reply*** Deputy managing director informed the meeting that during the excavation of the pipeline trench, drainage system at around south C area within wajir town will be affected.

However, it was already covered in the BOQ as part of the contractors work to fix any affected road infrastructure.

*Eng. Martin* informed the meeting that its paramount to do micro-drilling on areas where the pipeline will cross the road since the above named road is a developed tarmacked road.

In the discussion the managing director confirmed to the team that guidance provided by the roads authority officials will be followed to the later and the micro-drilling will be adopted as proposed.

As part of a collaborative measures WAJWASCO and KENHA team agreed to do a joint survey together once the work is ready to start in order to alignment the pipeline and identify any Road infrastructure that will be affected so that the contractor can exactly repair without fail.

On approvals, the KENHA officials stated that once application is done they will carry out site visit and expedite the approval process.

**Min2. A.O.B**

There being no any other business to discuss the managing director thanked the team and officially closed by the meeting at 10:50am.

Minute of a consultation meeting held virtually with KURA officials on 23rd November 2021 at 9:00am.

Present members.

- |                 |                     |
|-----------------|---------------------|
| 1. Ali Bashane  | MD WAJWASCO         |
| 2. Ahmed Abdi   | Deputy MD-WAJWASCO  |
| 3. Abdi Mohamed | Safeguards-WAJWASCO |
| 4 P.M Mose      | engineer -KURA      |

**Min:1 Introduction.**

The meeting was officially opened by the Managing Director of WAJWASCO and thanked KURA officials for dedicating their precious time to discuss with wajwasco team on issues concerning on way leave along the road reserve. He introduced the wajwasco team and there after request KURA team to introduce themselves.

The MD officially briefed the meeting on the water and sanitation development project and the intension of WAJWASCO to bring piped water to Wajir town from Rifeit/kumbi area. He informed that the scope of work involves laying of water transmission and distribution pipeline along the major roads on the outskirt and within Wajir Township hence the intension of the meeting is to have a discussion on the approval of the authority to allow wajwasco to use the road reserve.

**Discussion**

In the discussion *Engineer Mose* confirmed that the authority received 22<sup>nd</sup> Nomember 2021 Written official letter to the Director General requesting for approval as well as Maps and General layout of the area and piping to be done. He stated that they have forwarded the letter to Nairobi office and seek an approval to carry out site visit. He further stated that the way leave approval process will start after the outcome of the assessment is known. He stated that the site visit will be carried out by engineers and other expertise as per the guideline of the authority. Further he informed the meeting that during the site visit wajwasco office will be notified so that a joint activity can be undertaken.

Based on the outcome of the site visit report the authority will fast truck the approval process.

The managing director requested the team to fast truck the site visit process since the WSDP project is a time bound project that is expected to end the October 2022.

Further he confirmed that any impact associated to the pipeline activity will factor in the BOQ as part of the contractor's work so that it can be to fix or reinstated to a better position.

In the discussion the managing director confirmed to the team that guidance provided by the road authority officials will be followed to the later.



Engineer Mose requested for a contact person to liaise with and share any comment from the shared documents before they embark on the site visit.

The MD appointed the social safeguard expert in the project and engineer judi in the supervision consultant team to be contacted directly for ease of fast track the process.

Eng mose confirmed that in consultation with KURA Nairobi office he will communicate the appropriate date for the site visit within the next three days.

Min2. A.O.B

There being no any other business to discuss the managing director thanked the team and officially closed by the meeting at 9:30am.