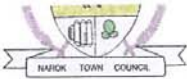




## Appendix-6 Other Relevant Data

### Appendix 6-1 Plot Allocation Form issued by Town Council of Narok

 <b>TOWN COUNCIL OF NAROK</b>	P.O. Box 154, NAROK Date: <u>12/04/2012</u>
Our Ref: No. _____	
To: <u>Narok water &amp; Sewerage comp.</u> <u>(Nawasco)</u> <u>P.O. Box 935 NAROK</u>	
Dear Sir/Madam,	
<b>RE: ALLOCATION OF A PLOT</b>	
1. I have the pleasure to inform you that you have been allocated plot No. <u>Zone FFC/360</u> as per your Plot application of _____ at <u>Narok town</u> Market/Trading Centre/Town <u>Stadium ward</u> Location/Ward.	
2. This is in compliance with Town Planning Committee/Plot allocation Committee Minutes No. <u>036/2012</u> of <u>21st Feb-2012</u> as adopted by Full Council Minutes No. <u>WTM/PhC/003/02/2012</u>	
3. You are required within (30) Thirty Days from the date of offer to pay the following to the Council to signify your acceptance, failure, which the offer shall be nullified.	
(i) Application Fees	Kshs _____
(ii) Land acquisition Fees	Kshs _____
(iii) Survey Fees	Kshs _____
(iv) Showing Fees	Kshs _____
(v) Administration Fees	Kshs _____
(vi) Other Fees	Kshs _____
Total	KSHS _____
4. The Land and Building shall only be used for the purpose described in the Application Form for the plot, and any change of user must be approved by council to avoid prosecution. You will naturally also be subject to such other by-laws and payments of an annual plot rent as may from time to time be in force.	
5. If you are unwilling or unable to develop the Plot within the period of Twenty four (24) months, it will be automatically forfeited to the Council and become available for re-allocation.	
6. This Plot will shortly be shown to you.	
7. You are advised to read the special conditions attached to this offer and abide yourself to the aforementioned conditions.	
8. Further, this letter of offer must be signed by the Town Clerk himself/herself to be binding.	
Yours faithfully,	
 _____ TOWN CLERK TOWN COUNCIL OF NAROK	
(See Over Leaf)	

SPECIAL CONDITIONS:

1. No building shall be erected on the land nor shall additions or external alterations be made to any buildings otherwise than in conformity with plans and specifications previously approved in writing by Local Authority (Council). The Local Authority shall not give approval unless it is satisfied that the proposals are as such to develop the land adequately and satisfactorily.
2. The lessee shall maintain good substantial repair and condition all the buildings at any time erected on the land.
3. The building shall not cover more than \_\_\_\_\_ per centum of the area of the land or lesser area as may be laid down by the Local Authority in its by-laws.
4. The land shall not be used for the purpose of any trade, business, which the Local Authority considers to be dangerous or offensive.
5. The lessee shall not sub-divide the land without prior consent in writing of the Town Council, the Director of physical planning and the commissioner of Lands.
6. The lessee shall not sell, transfer, sublet, charge or part with the possession of the land or any part thereof or any building thereon except with prior consent in writing of the Town Council. No application for such consent (except in respect of the loan required for building purposes) will be considered until special conditions No.2 has been performed.
7. You will also pay all other fees and rates applicable to the council in conformity with the Building code, as adopted by the Council.

## Appendix 6-2 Minutes of Discussion on Plot Allocation issued by Town Council of Narok

### **MINUTES OF SPECIAL FINANCE STAFF AND GENERAL PURPOSES COMMITTEE HELD ON 15<sup>TH</sup> DECEMBER, 2011 AT TOWN HALL AT 11.00 A.M:**

#### **PRESENT.**

1.	Cllr. Dennis Naisho	-	Finance Chairman.
2.	Cllr. Isaack Partoip	-	Ex - Officio
3.	Cllr. Sakamo Ololosikany	-	Ex – Officio
4.	Cllr. Doyopai Kudate	-	Member
5.	Cllr. Kosiom Kuyioni	-	Member
6.	Cllr. Patiye Naikumi	-	Member
7.	Cllr. Mary Mwanik	-	Invited
8.	Cllr. Kuyioni Kosen	-	Invited
9.	Cllr. James Lepet	-	Invited
10.	Cllr. James Dikirr	-	Invited
11.	Cllr. Kerimpuoti Sadera	-	Invited
12.	Cllr. Kelemet Ololarus	-	Public Officer

#### **IN ATTENDANCE:**

1.	Godfrey N. Kwen	-	Town Clerk
2.	Joshua Karanja	-	Town Treasurer
3.	Sosten Cheruiyot	-	Administrative Officer
4.	Osidai Suuji	-	Asst. Surveyor
5.	Julius Kireu	-	Ag. Administrative Officer
6.	Joshua Koisikirr	-	Taking Minutes
7.	Jonathan Kipees	-	Enforcement Officer.

#### **MIN: NO. FS & GPC/001/12/2011: PRAYERS:**

The meeting was opened by a word of prayer said by Cllr. Kosiom Kuyioni.

#### **MIN: NO. FS&GPC/002/12/2011: APOLOGIES:**

1. Cllr. Pauline Kinyarkuoo
2. Cllr. Nepatao Kimorgo

#### **MIN: NO. FS&GPC/003/12/2011: INTRODUCTION AND COUNCIL SIGNATORIES OF THE BANK:**

The Finance Chairman asked the Town Clerk new member of staff and those transferred.

Town Council Treasurer Mr. Joshua Karanja is the new Narok Town Council Treasurer who is in salary Scale 4.

scale 9.

The Town Clerk informed members that resolution is needed to authorize the new Town Treasurer and Senior Accountant to be the bank signatories of the Council which all members agreed and resolved that:-

- ❖ Before the Town Treasurer takes office all statements of accounts be checked and confirmed.
- ❖ It was also resolved that the Town Treasurer and the Senior Accountant and the Town Clerk be the bank signatories of the Council. i.e.

1. Mr. Joshua Karanja - to replace Mr. Charles Sechere who has been transferred.
2. Mr. Phillip Nchoko - to replace Mr. Koinet Lemein who has been transferred.

Proposed by Cllr. Mary Mwanik  
Seconded by Cllr. Kosiom Kuyioni.

**MIN: NO. FS&GPC/004/12/2012: REQUEST FOR 10 ACRES OF LAND BY THE NAROK WATER AND SEWERAGE SERVICES COMPANY LTD.:**

The Town Clerk Informed members a letter was sent to the Council on the above request.

After a lengthy deliberation, the members resolved to give the 10 acres of land to the Sewerage and water company. The said piece of land is between Enkare Narok rivers and Farmers Training Centre (FTC) therefore a resolution was passed authorizing the Town Clerk to write a letter to the water company to inform them that it has been resolved.

Proposed by Cllr. Patiye Naikumi  
Seconded by Cllr. Doyopai Kudate.

**MIN: NO. FC&GPC/005/12/2011: TRANSFER OF EXHAUSTER SERVICES TO THE SEWERAGE AND WATER COMPANY LTD:**

The Council Chairman suggested to members that the exhauster services and the oxidation pond and four permanent employees be transferred over to the sewerage and water company Ltd as stated by the law. He further informed members that it is only this Council that is still holding the exhauster services.

Members resolved to hand over the exhauster lorry and four permanent employees to the water company together with the dumping site and ensure NEMA regulation are followed.

Proposed by Cllr. Mary Mwanik  
Seconded by Cllr. Kosiom Kuyioni.

**MIN: NO. FC&GPC/006/12/2011: CANCELLATION OF THE CONSTRUCTION OF WATER WORKS IN ILMASHARIANI WARDS:**

The Town Clerk informed members that the Contract has taken too long than is expected. He further informed members that the contract is still binding and that it needs a resolution to stop the contract. The members resolved to stop Mr. Tonui's contract and hand it over to the water and sewerage company ltd.

Proposed by Cllr. Doyopai Kudate  
Seconded by Cllr. Mary Mwanik.

**MIN: NO. FC&GPC/007/12/2011: REQUEST FOR SUPPORT BY OLOLTOTO YOUTH:**

Cllr. Kerimpuoti Sadera informed members that he has a foot ball team which he requested the Council to help him facilitate the team with balls and uniforms.

Members agreed that the matter will be looked upon later when the Council is financially stable; since staff has 4 (four) months salaries in arrears.

After a confirmation was made that the KIMSCA vote was already exhausted.

**MIN: NO. FC&GPC/008/12/2011: TREE PLANTING:**

The Finance Chairman requested members that the office should provide 5,000 seedlings annually. But after going through the budget for the FY 2011/2012 tree planting vote was not provided.

**MIN: NO. FC&GPC/009/12/2011: AGREEMENT WITH LOS RANCHOS:**

The Presbyterian Church of Los Ranchos has already done the following:-

- ❖ Dug a bore hole at Olopito
- ❖ Built a children orphanage (Home)
- ❖ Willing to provide medicine to Nkareta West ward dispensary

The Council chairman informed members that a new agreement has been made after the breakage of ties between Los Ranchos and Limuru Church. The Council Chairman read through the agreement which they promised to do the following:

- ❖ Provide for the children orphanage
- ❖ Medical care for
  - Nkareta West Ward
  - Nkairamiram Ward
  - Naisuya Ward
- ❖ Irrigation at Rotian to provide food for the children home
- ❖ Micro- Finances
- ❖ Scholarships
- ❖ Twinning Cities.

It was agreed that the Town Council Children Home committee to meet on 19<sup>th</sup> December, 2011 Monday to meet with the Narok P.C.E.A. church committee to chart way forward.

It was resolved that the Town Clerk and the Council Chairman to go forth and sign the agreement with the Los Ranchos Presbyterian Church.

Proposed by Cllr. Doyopai Kudate  
Seconded by Cllr. Kosiom Kuyioni.

**MIN: NO. FC&GPC/010/12/2011: STAFF SALARIES:**

The Finance Chairman informed members that a way forward must be found to pay staff their salaries as he was informed that they have not received their dues close to 5 (five) months salary arrears.

Members agreed that the Town Treasurer to check Council Accounts and pay staff before going for Christmas.

It was agreed that in the previous meeting that Kshs. 50,000/= from ward projects votes be used to pay loan deductions for the Councillors.

Proposed by Cllr Patiye Naikumi.

Seconded by Cllr Kosiom Kuyioni

There being no other business, the meeting was closed by a word of prayer said by Cllr. Kosiom Kuyioni.

CONFIRMED.

CHAIRMAN.....SIGN.....DATE.....

TOWN CLERK.....SIGN.....DATE.....



## Appendix 6-3 Water Permit issued by WRMA

### Contacts:

**Headquarters:**  
NHIF Building  
9<sup>th</sup> Floor, Wing B  
P.O Box 45250 - 00100  
NAIROBI, Kenya.  
Email:  
wrma@wrma.or.ke

**Regional Office:**  
Rift Valley Catchment  
Area  
P.O Box 1600 - NAKURU  
Email:  
rvca@wananchi.com

### Sub Regional Offices:

**Lower Turkwel Sub  
Region**  
P.O Box 73-30500  
LODWAR  
Tel.:054-21429

**Upper Turkwel Sub  
Region**  
P.O Box 49-30600  
KAPENGURIA  
Tel: 054-62234

**Lakes Baringo-Bogoria  
Sub Region**  
P.O Box 3130400  
KABARNET  
Tel: 053-22022

**Naivasha-Nakuru Sub  
Region**  
P.O Box 66-20117  
NAIVASHA  
Tel: 050- 2020935

**South Rift Valley Sub  
Region**  
P.O Box 1029 - 20500  
NAROK  
Tel: 050 - 222691  
Email:  
narokwrma@yahoo.com

**Vision:**  
To be a prudent  
manager of water  
catchment areas  
guaranteeing access to  
adequate and quality  
water for all.

**Mission:**  
To manage, regulate  
and conserve water  
resources judiciously,  
involving stakeholders  
for enhanced, equitable  
allocation and  
environmental  
sustainability.

**Mandate:**  
To be the lead agency  
in water resources  
management in Kenya



## WATER RESOURCES MANAGEMENT AUTHORITY

Rift Valley Catchment Area  
South Rift Valley Sub-Region  
P.O. Box 1029 - 20500, NAROK Tel: (050) 22691

Ref. No: WRMA/20/NAR/2KA/1/S

Date: 9<sup>th</sup> May, 2012

The Managing Director,  
Narok Water and Sewerage Services Co.,  
P. O. Box 935 - 20500,  
**NAROK.**

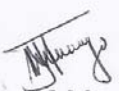
Dear Sir/Madam,

### **WATER PERMIT NO. WRMA/20/NAR/2KA/1/S FOR ABSTRACTION OF WATER FROM ENKARE NAROK RIVER AT NAROK TOWN, NAROK NORTH DISTRICT**

I am pleased to inform you that, you have been issued with a Water Permit Ref. No. WRMA/20/NAR/2KA/1/S dated 4<sup>th</sup> May, 2012 to enable you abstract from Enkare Narok river 5000 m<sup>3</sup>/day for public use. In this connection, your attention is drawn to all the conditions which are indicated on the water permit under reference.

Please take the necessary action accordingly.

Yours faithfully,

  
J.N. Munyao

**Assistant Technical Coordination Manager.**

### **Copy to:**

Deputy Technical Coordination Manager,  
Rift Valley Catchment Area,  
P. O. Box 1600,  
**NAKURU.**

***Encl.***

---

..... accounting for every drop!  
Report Corruption/Water Resources Destruction anywhere! Hotline: 050  
22691

The Chief Executive Officer,  
Water Resources Management Authority,  
P.O.Box 45250-00100.  
Nairobi.



Form: WRMA 010  
Catchment: Rift Valley  
WRMA ID: WRMA\20\00515  
File: WRMA/20/NAR/2KA/1/S

## Water Resources Management Authority

### WATER PERMIT

(Rule 38)

By virtue of the authority vested in us by the Water Act 2002, we, the Water Resources Management Authority, do hereby grant unto (name) **NAROK WATER AND SEWERRAGE SERVICES Co.**, hereinafter called the permit holder, or his/her/their executors, Administrators and assigns permission to use water in accordance with them details contained herein, subject to the provisions of the Water Act 2002, and the Rules thereunder, and the conditions following hereafter and endorsed hereon and attached hereto: -

Permit No. P	WRMA/20/NAR/2KA/1/S				Permit Expiry Date	04-May-2017		
Type Of Water use	Surface water				Ground Water		Effluent discharge	Swamp Drainage
	Diversion	Abstraction	In-stream Works	Storage	Shallow Well	BoreHole		
Tick Box		X						

PARTICULARS OF PERMIT HOLDER		DETAILS	
1. Full name of applicant(s) (In Block letters)		NAROK WATER AND SEWERRAGE SERVICES Co.	
2. Category of Applicant - Individual, Group [Association, Society], Company, Institution		Company	
4. ID Number of Applicant (Individual) or Certificate of Incorporation or Registration for Groups or Companies		C122876	
5. PIN Number (where available)		P0513657605	
Physical Address where water is to be used			
6. L/R Number(s)	PUBLIC	7. Box Number	935
8. Village(s)/Ward(s)	NAROK TOWN	9. Town	NAROK
10. Sub-location(s)	NAROK TOWN	11. Post Code	20500
12. Location(s)	CENTRAL	13. Telephone Contact (Landline)	02024407745
14. Division(s)	CENTRAL	15. Telephone Contact (Mobile)	0720 269 815
16. District(s)	NAROK NORTH	17. Email Contact	narokwater@yahoo.com

#### WATER RESOURCE DETAILS

17. Name of Body of Water or Aquifer where water is to be diverted, abstracted or stored	ENKARE NAROK RIVER
18. Is the point of abstraction or storage in a Protected Area or a Groundwater Conservation Area? (yes/no)	NO
19. Sub-catchment Number	2KA
20. Class of Water Resource	
21. Name of Body of Water or Aquifer where effluent is to be discharged	
22. Sub-catchment Number (Effluent)	
23. Class of Water Resource (Effluent)	
24. Category of Application (Class of Permit)	D



The Chief Executive Officer,  
Water Resources Management Authority,  
P.O.Box 45250-00100.  
Nairobi.



Form: WRMA 010

Catchment: Rift Valley

WRMA ID: WRMA\20\00515

File: WRMA/20/NAR/2KA/1/S

SUPPLEMENT TO PERMITS	
25. Does permit include Supplements approved under Section 21 of WRMA Rules (yes/no)	NO
26. List Reference Number for each Supplement	

Brief Description of Project and Intended Use for Water	PUBLIC WATER SUPPLY			
	Groundwater (m3/day)	Surface Water (m3/day)		
		River - Normal Condition	River - Flood Condition	Lake
1. Public		5000		
2. Domestic				
3. Livestock				
4. Subsistence Irrigation				
5. Commercial Irrigation				
6. Industry/Commercial				
7. Hydropower				
8. Others				
9. Sub-total		5000.00		
10. Quantity Returned				
11. Water Abstracted (row 9-row 11)		5000.00		
12. Effluent Discharge				

The Chief Executive Officer,  
Water Resources Management Authority,  
P.O.Box 45250-00100.  
Nairobi.



Form: WRMA 010

Catchment: Rift Valley

WRMA ID: WRMA\20\00515

File: WRMA/20/NAR/2KA/1/S

CONDITIONS OF PERMIT	DETAILS
Availability of Resource	When the resource availability drop into the Reserve, the permit holder is only entitled to Basic Human Needs
Water Quality Report	<b>WATER AND EFFLUENT QUALITY ANALYSIS REPORTS SHALL BE SUBMITTED TO WRMA ON A QUARTERLY BASIS OR AT LEAST TWICE A YEAR</b>
Payment of Water Use Charges	<b>THE PERMIT HOLDER OR HIS AGENT SHALL PAY FOR WATER USE AS PER THE WRM RULES</b>
Inspections	
1	<b>THE PERMIT HOLDER SHALL ALLOW ENTRY BY WATER INSPECTORS WHEN THEY DEMAND TO INSPECT THE ABSTRACTION AND EFFLUENT DISCHARGE WORKS AS NEED ARISES</b>
2	<b>THE CONTROL / MEASURING DEVICE SHALL BE INSPECTED REGULARLY TO ENSURE IT IS PROPERLY FUNCTIONING</b>
3	<b>ACTUAL ABSTRACTION VOLUME SHALL BE CHECKED REGULARLY TO ENSURE COMPLIANCE TO PERMIT CONDITIONS</b>
4	
Other Technical Details	
a)	<b>THE PERMIT HOLDER SHALL INSTALL A MEASURING AND CONTROLLING DEVICE AT THE INTAKE, AND MAINTAIN A RECORD OF ALL WATER ABSTRACTED, DIVERTED, STORED OR DISCHARGED. GIVING THE DATE, TIME, QUALITY AND QUANTITY AND METHODS OF SUCH ABSTRACTIONS, DIVERSIONS, STORAGE, OR DISCHARGE AND THE PURPOSE OR PURPOSE</b>
b)	<b>THE PERMIT HOLDER SHALL GIVE THE DATE, TIME, QUALITY AND QUANTITY AND METHODS OF SUCH ABSTRACTIONS, DIVERSIONS, STORAGE, OR DISCHARGE AND THE PURPOSE OR PURPOSES FOR WHICH SUCH WATER WAS USED</b>
c)	<b>THE PERMIT HOLDER IS WARNED THAT UNDER SECTION 35(1) OF THE WATER ACT (ACTS 2002) THE AUTHORITY MAY VARY THE PERMIT SO AS TO ALTER THE DISCHARGE OR QUANTITY OF WATER OR ANY OTHER ASPECT OF WATER USE AUTHORISED BY THE PERMIT, OR ALTER THE METHOD OR POINT OF DIVERSION OR OTHER SPECIFICATIONS, TERMS OR</b>
d)	<b>THIS PERMIT SHALL BE AUTOMATICALLY CANCELLED WHEN THE AUTHORISED PERIOD EXPIRES WITHOUT ANY FURTHER REFERENCE TO YOU UNLESS RENEWAL IS APPLIED FOR PRIOR TO DATE OF EXPIRY OF THE PERMIT.</b>
Effluent Discharge Requirements	
i)	<b>THE PERMIT HOLDER SHALL IMPLEMENT THE EFFLUENT DISCHARGE CONTROL PLAN</b>
ii)	
iii)	
iv)	
Meter ID Numbers Related to this Permit	
1	<b>THE MASTER METER DETAILS MUST BE SUBMITTED TO SUB REGIONAL MANAGER</b>
2	<b>ANY CHANGE/ ALTERATION OF THE MASTER METER MUST BE APPROVED BY WRMA</b>
3	
4	

The Chief Executive Officer,  
Water Resources Management Authority,  
P.O.Box 45250-00100.  
Nairobi.



Form: WRMA 010

Catchment: Rift Valley

WRMA ID: WRMA\20\00515

File: WRMA/20/NAR/2KA/1/S

SURFACE WATER - ABSTRACTION, DIVERSION, IN-STREAM AND CONVEYANCE WORKS	
Grid Reference for Works (UTM ,based on ARC1960 Datum, Zone 36/37)	
Easting	35.84967
Northing	1.05672
Altitude (m above sea level)	1876
Map Sheet	146/2
Weir (1) or Collection Chamber (2)	
Dimensions	
Width/diameter (m)	3
Length (m)	0
Height (m)	1.5
Materials	CONCRETE
Compensation Flow Capacity (m3/day)	31484.6
Pump	
Type of Pump	-
Type of driving machine	-
Power source of driving machine (diesel, electric, wind, water)	Electric
Maximum Power rating (KVa)	0
Expected operating head (m)	0
Delivery Rate at expected operating head (m3/hr)	375
Expected operating hours (hrs)	8



The Chief Executive Officer,  
Water Resources Management Authority,  
P.O.Box 45250-00100.  
Nairobi.



Form: WRMA 010

Catchment: Rift Valley

WRMA ID: WRMA\20\00515

File: WRMA/20/NAR/2KA/1/S

Canal	
Length (m)	0
Top width (m)	0
Bottom width (m)	0
Lined or unlined	none
Lining material	-
Gradient (m/100m or %)	0
Maximum velocity (m/s)	0
Maximum Capacity (m3/day)	0
Pipeline	
Internal diameter of delivery pipe (mm)	0
Maximum Capacity (m3/day)	3000

#### GROUNDWATER

Grid Reference for Works (UTM ,based on ARC1960 Datum, Zone 36/37)	
Easting	
Northing	
Altitude (m above sea level)	
Map Sheet	
W.R.M.A. number of well/ borehole	
Total depth of well/ borehole	
Depth to which the cylinder or suction pipe may be installed	

#### STORAGE DAM

Name of dam	
Class of Dam (A, B or C)	
Grid Reference for Works (UTM ,based on ARC1960 Datum, Zone 36/37)	
Easting	
Northing	
Altitude (m above sea level)	
Map Sheet	
Width (m)	
Length (m)	
Height (m)	

The Chief Executive Officer,  
Water Resources Management Authority,  
P.O.Box 45250-00100.  
Nairobi.



Form: WRMA 010

Catchment: Rift Valley

WRMA ID: WRMA\20\00515

File: WRMA/20/NAR/2KA/1/S

<b>Embankment</b>	
Material (earth, concrete, masonry, others)	
Width at Crest (m)	
Length at Crest (m)	
Upstream slope (1 to ...)	
Downstream slope (1 to ...)	
Maximum Depth of Water (Measured from bed to normal water level) (m)	
Maximum Height of Embankment (m)	
Gross Freeboard (m)	
Net Freeboard (m)	
<b>Impoundment</b>	
Estimated Impounded Volume (m3)	
<b>Other Details</b>	
Maximum Drawoff Capacity (m3/day)	
Maximum Compensation Flow capacity (m3/day)	

**SWAMP DRAINAGE**

Name of swamp	
Size of swamp to be drained (ha)	
Purpose of swamp drainage (agricultural, residential, recreational, public health, industrial, abstraction)	
Expected reduction in water level in swamp (m)	
<b>Means of swamp drainage (tick as appropriate)</b>	
Channelling or canalisation of flows	
Diversion of inflow	
Expected % of inflow waters to be diverted	
Construction of drainage canals or drainage pipes	



The Chief Executive Officer,  
Water Resources Management Authority,  
P.O.Box 45250-00100.  
Nairobi.



Form: WRMA 010

Catchment: Rift Valley

WRMA ID: WRMA\20\00515

File: WRMA/20/NAR/2KA/1/S

#### EFFLUENT DISCHARGE

Grid Reference for Works (UTM ,based on ARC1960 Datum, Zone 36/37)	
Easting	
Northing	
Altitude (m above sea level)	
Map Sheet	
Source of water supply	
Source of Effluent (domestic, institutions, industrial, agricultural, urban)	
Mode of discharge (pipe, canal...)	
Maximum Daily Effluent discharge (m3/day)	
Nature of Pollutants (Chemical, biological, physical)	
Details of Treatment System	
Chemical	
Settling	
Anaerobic digesters	
Oxidation or aerated ponds	
Natural or constructed Wetland	
Other (specify)	
Retention time (days)	

#### EFFLUENT QUALITY

Parameter	Units	Guideline Value	Parameter	Units	Guideline Value
BOD (5 days at 20C	mg/l		Total Phosphorous	mg/l	
COD	mg/l		Total Nitrogen	mg/l	
Total Dissolved Solids	mg/l		Total suspended solids	mg/l	
pH	pH Scale		Metals	mg/l	
Temperature	oC		Non Metal toxics (sulphides,cyanides,fluorides)	mg/l	
Total Coliforms	Counts/100ml		Pesticide residues	Ug/l	
Turbidity or colour	NTU/Hazen		Phenols	mg/l	
Ammonia -NH3	mg/l		Oils and grease	mg/l	
Ammonium-NH4	mg/l		Others		
Nitrite - NO2	mg/l				
Nitrate-NO3	mg/l				

The Chief Executive Officer,  
Water Resources Management Authority,  
P.O.Box 45250-00100.  
Nairobi.



Form: WRMA 010

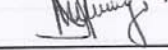
Catchment: Rift Valley

WRMA ID: WRMA\20\00515

File: WRMA/20/NAR/2KA/1/S

SIGNATURE

Yours faithfully,

Signature of WRMA Officer	
Name of Officer	JOHN NGILA MUNYAO
Position of Officer	ATCH - SOUTH RIFT VALLEY SUB-REGION
Date of Signature	09/05/2012.

## Appendix 6-4 Permission for Surplus Soil Disposal

Telephone: (050) 22081

Fax: (050) 22081

16<sup>th</sup> April, 2012

Email: narok.towncouncil@yahoo.com



OUR REF: TCN/PH/VOL.II/135/196/2012.

YOUR REF:

RE: DISPOSAL SITE FOR SURPLUS EXCAVATION SOILS DURING PIPE LAYING

This is to confirm to the JICA – Japan International Cooperation Agency; Grant Aide project team based at Narok Water Supply and Sewerage Company (NARWASSCO) who are at the preparatory stages of the project for the augmentation of the water supply system in Narok Town that the Narok Town Council has agreed to the disposal of surplus excavation soils during pipe laying in the Quarry Disposal site which is 5 acres or to the adjacent holding ground (250 acres) and no fee will be charged.

**Paul Katiku,  
Public Health Officer  
Narok Town Council**

THE PROJECT FOR AUGMENTATION OF WATER SUPPLY SYSTEM  
IN NAROK TOWN IN THE REPUBLIC OF KENYA.

MEMORANDUM

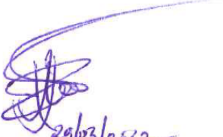
For dumping surplus top soil for the water pipe  
Installation.


The Project can dump the top soil (surplus) in the  
Quarry Disposal Site (Sacres)

And to the adjacent Holding Ground (250 acres)

No fee is charged. Owned by the Town Council.

29th March 2012

  
29/03/2012  
Paul Kariuki  
Public Health Officer  
Narok Town Council

 29/3/12  
Edgar Mbarani  
Senior Headman (Waste  
Management) Narok.



## Appendix 6-5 Attendance List of Stakeholder Meeting

### Attendant List

#### Stakeholder Meeting for Preparatory Survey on the Project for Augmentation of Water Supply System in Narok Town in the Republic of Kenya

Date: April 13, 2012

Place: Seasons Hotel's Conference Room, Narok Town

No.	Participant's Name	Affiliation	Email/Mobile Phone Number	Signature
1	FRANCIS NKARO	Chairman NAROK Water & Sewerage	+254-(0)720 712051 MoleNKaro@gmail.com	
2	Stephen Ondimu	Mwamba Estate	0722806932	
3	Kenil Sampa	Engineer NARWASSCO	0726527695	
4	ALI JUMA	LENANA	0722665576	
5	DORIS KAMWARO	LONDON ESTATE	0728106807	
6	DAVIS TARKASH	NARWASSCO	0720 294 440	
7	Henry K. Cherumot	RWSSB	0722824368	
8	SELEKA MWINIK	NARWASSCO BOARD	0722301654	
9	ISAAC N. KIMANI	OLPOPONGI COM. L.	0718426362	
10	KELWA PINCHOP	KIKERE N. R. WASSCO	0713425103	
11	Geleon Mawson	Mayengo	0723709770	
12	William Sureto	Chairman K.N.N.C.C	0722-829202	
13	Brian Ondiallati	301 degrees youth group	0726882074	
14	SOSTEN CHEURUP	NAROK T. COUNCIL	0724731727	
15	Shem Okora	MO Agriculture	0726116378	
16	CHARLES BIRAH	KAO THUSRIGHTS	0727567611	
17	PATRICK NYAKUNDU	INFORMATION	0726600265	
18	JAMIN K. RUTTO	LIVESTOCK PRODUCTION	0725-245481	
19				




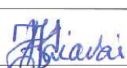



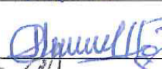

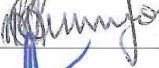



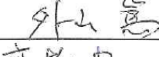
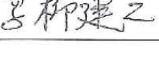


# Attendant List

## Stakeholder Meeting for Preparatory Survey on the Project for Augmentation of Water Supply System in Narok Town in the Republic of Kenya

Date: April 13, 2012

Place: Seasons Hotel's Conference Room, Narok Town

No.	Participant's Name	Affiliation	Email/Mobile Phone Number	Signature
20	KARURU NAEU	OLPOPONGI	0720215792	
21	Wilson Pere	Narok Water Co.	0720269815	
22	MWATA K. MWAGODI	Dist Phy Planning Officer	0722230036	
23	J.A. KIDIAVAI	NARWASSCO	0722720403	
24	Mary Soripano	Narwassco	0723899240	
25	David K. Mwarua	Water & Irrigation	0721861613	
26	JOSEPH N. O. LARUS	KNOT HUMAN RIGHTS NAROK	0720431775	
27	Jesse K. Mwangi	WRMA - NAROK	0723900788	
28	G. M. KIGUTHI	Br. NABAI NAROK	0722-588458	
29	M. K. Othman	PUBLIC HEALTH DEPT	0721-985223	
30	ANNE SOAKEI	JICA Study Team	0722405039	
31	Anne Gatem	Envt Consultant	0725616621	
32	Yoshihiro KIRISHIMA	JICA Study Team	+81-3-5919-7453	
33	Atsushi TOYAMA	JICA Study Team	071-5239799	
34	Kenji TAKAYANAGI	JICA Study Team	+81-3-5919-7453	
35				
36				
37				

## Appendix 6-6 Stakeholder Meeting Program

### **STAKEHOLDER MEETING** **For Preparatory Survey on the Project for Augmentation of Water Supply System** **In Narok Town in the Republic of Kenya**

Date: April 13, 2012

Venue: Seasons Hotel, Narok

#### **PROGRAM**

8:30-9:00	<b>Registration</b>
9:00-9:20	<b>Opening Remarks</b> District Commissioner
9:20-10:00	<b>Water Supply Condition of Narok Town (Current Status and Issues) and Outline of JICA Project</b> NARWASSCO, Technical Manager; JONES AMULEGA
10:00-10:20	<b>Coffee Break</b>
10:20-11:00	<b>Project Design Plan for Augmentation of Water Supply System</b> NARWASSCO, Eng. Sambao
11:00-11:20	<b>Environmental Impact and Mitigation Measures</b> JICA Study Team: Mr. KENJI TAKAYANAGI
11:20-11:50	<b>Open Discussion</b>
11:50-12:00	<b>Future Schedule of the Project and Closing Remarks</b> NARWASSCO, Chairman
12:00-13:00	<b>Lunch Break</b>