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REPUBLIC OF KENYA
MINISTRY OF WATER DEVELOPMENT

THE STUDY
ON
THE NATIONAL WATER MASTER PLAN

DATA BOOK
(DB.5)
INVENTORY
OF
IRRIGATION/DRAINAGE SCHEME

JULY 1992

JAPAN INTERNATIONAL COOPERATION AGENCY

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2. Vol.2 Master Action Plan towards 2000
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PREFACE

Interpretation of Report

The original objective of this NWMP Study is to propose a nationwide framework for orderly planning and development of water resources in the country. The Study also deals with the formulation of individual development schemes. However, it should be noted that the plans formulated in this Study remain at a national level and do not provide complete details at local level. Further details should be examined in subsequent studies on each river basin, district, and project basis which are separately recommended in this Study.

Administrative Division of Districts

In this Study, the original 41 districts were considered and various statistical data, particularly socio-economic information, were collected for these districts. During the progress of the Study, six districts were detached from the original ones and established as new districts. In the report, the data on these new districts are grouped together with the corresponding original districts as shown below.

	<u>Original Districts</u>	<u>New Districts</u>	<u>Data included in:</u>
1.	Machakos	Makueni	Machakos/Makueni
2.	Kisii	Nyamira	Kisii/Nyamira
3.	Kakamega	Vihiga	Kakamega/Vihiga
4.	Meru	Tharaka-Nithi	Meru/Tharaka-Nithi
5.	Kericho	Bomet	Kericho/Bomet
6.	South Nyanza	Migori	South Nyanza/Migori

(Note: The last three Districts were established very recently.
The report refers only to the names of the original 41 districts.)

The administrative boundary map used in this Study is the latest complete map set covering the whole country (41 Districts, 233 Divisions and 976 Locations), prepared in 1986 by the Survey of Kenya, Ministry of Land and Housing.

Data and Information

The data and information contained in the report represent those collected in the 1990-1991 period from various documents and reports made available mostly from central government offices in Nairobi and/or those analyzed in this Study based on the collected data. Some of them may be different from those kept in files at some agencies and regional offices. Such discrepancies if any should be collated and adjusted as required in further detailed studies of the relevant development projects.

Development Cost

The cost and benefit estimate was based on the 1991 price level, and expressed in US\$ equivalent according to the exchange rate of US\$1 = KShs25.2 prevailing at that time. The same exchange rate was used in calculating the development cost in Kf/KShs currency.

**DATA BOOK
(DB.5)**

**INVENTORY OF
IRRIGATION/DRAINAGE SCHEME**

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Note

This data book contain the information of irrigation and drainage schemes in Kenya as of September 1991 and all the comments on this book as of May 1992 have been incorporated. The sources of these information are Ministry of Agriculture, District Agriculture Office, LBDA, TARDA and agencies concern. Water demand are estimated based on the reference book of "Water Requirements for Irrigation in Kenya" prepared by MOWD and shown in *Italic* figures

Inventory of Irrigation / Drainage Scheme

No.1 Name Amani/Group Status Operation Area 0.05 ha Ref.No. on Map _____ District Code 110
 District Nairobi Division Kasarani Location _____ Implement Agency _____
 Type of Project/Irrigation _____ Owner/Managed by Private Start Operation _____ Cost _____
 Conveyance _____ Irrigation method HA/Pipe Or River Name Piped Water Water supply by Pump
 Crops Vegetables Farmers No. 10 Donor None Energy _____

Irrigation Water Demand												Unit l/sec	Water Permit	
JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Year	Highflow	Lowflow
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		g/day	g/day

No.2 Name Apostles Of Jesus Status Operation Area 6 ha Ref.No. on Map _____ District Code 110
 District Nairobi Division Kibera Location _____ Implement Agency _____
 Type of Project/Irrigation _____ Owner/Managed by A Farmer Start Operation _____ Cost _____
 Conveyance _____ Irrigation method Overhead River Name Dam Water supply by Furrow
 Crops Fodder & Horticulture Farmers No. 1 Donor None Energy _____

Irrigation Water Demand												Unit l/sec	Water Permit	
JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Year	Highflow	Lowflow
0.0	2.5	3.4	1.0	2.5	1.9	1.8	0.2	2.1	5.7	5.0	2.4		g/day	g/day

No.3 Name Asiyo Status Operation Area 0.6 ha Ref.No. on Map _____ District Code 110
 District Nairobi Division Pumwani Location _____ Implement Agency _____
 Type of Project/Irrigation _____ Owner/Managed by A Farmer Start Operation _____ Cost _____
 Conveyance Pipe Irrigation method Overhead River Name _____ Water supply by Pump
 Crops Horticultural Crops Farmers No. 1 Donor None Energy _____

Irrigation Water Demand												Unit l/sec	Water Permit	
JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Year	Highflow	Lowflow
0.0	0.2	0.3	0.1	0.2	0.2	0.2	0.0	0.2	0.6	0.5	0.2		g/day	g/day

No.4 Name Ben Githi Status Operation Area 2 ha Ref.No. on Map _____ District Code 110
 District Nairobi Division Pumwani Location _____ Implement Agency _____
 Type of Project/Irrigation _____ Owner/Managed by Private Start Operation _____ Cost _____
 Conveyance Pipe Irrigation method Overhead River Name _____ Water supply by Pump
 Crops Horticultural, Coffee Farmers No. _____ Donor None Energy _____

Irrigation Water Demand												Unit l/sec	Water Permit	
JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Year	Highflow	Lowflow
0.0	0.8	1.1	0.3	0.8	0.6	0.6	0.1	0.7	1.9	1.7	0.8		g/day	g/day

No.5 Name Chegi Status Operation Area 4 ha Ref.No. on Map _____ District Code 110
 District Nairobi Division Kibera Location _____ Implement Agency _____
 Type of Project/Irrigation _____ Owner/Managed by A Farmer Start Operation _____ Cost _____
 Conveyance _____ Irrigation method Overhead River Name Mbagathi Water supply by Pump
 Crops Fodder & Vegetables Farmers No. 1 Donor None Energy _____

Irrigation Water Demand												Unit l/sec	Water Permit	
JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Year	Highflow	Lowflow
0.0	1.6	2.3	0.6	1.7	1.2	1.2	0.1	1.4	3.8	3.3	1.6		g/day	g/day

No.6 Name Close Bun Estate Status Operation Area 126 ha Ref.No. on Map _____ District Code 110
 District Nairobi Division Pumwani Location U/Parklands Implement Agency _____
 Type of Project/Irrigation _____ Owner/Managed by Farmers Start Operation _____ Cost N/A
 Conveyance Pipe Irrigation method Sprinkler/Lo River Name Ruaka Water supply by Gravity
 Crops Coffee Flowers Farmers No. _____ Donor None Energy Electricity

Irrigation Water Demand												Unit l/sec	Water Permit	
JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Year	Highflow	Lowflow
0.0	51.6	71.0	20.4	52.2	38.9	37.2	3.8	43.7	120.0	104.5	51.3		N/A	N/A

Inventory of Irrigation / Drainage Scheme

No.7 Name Closeburn Estate Status Operation Area 180 ha Ref.No. on Map _____ District Code 110
 District Nairobi Division Pumwani Location _____ Implement Agency _____
 Type of Project/Irrigation Irrigation Owner/Managed by Private Start Operation _____ Cost _____
 Conveyance _____ Irrigation method Overhead River Name Dam Water supply by Pump
 Crops Coffee Farmers No. _____ Donor None Energy _____

Irrigation Water Demand Unit l/sec

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Year
0.0	73.7	101.5	29.2	74.6	55.6	53.1	5.4	62.5	171.4	149.3	73.3	

Water Permit
 Highflow _____ g/day
 Lowflow _____ g/day

No.8 Name D.Kiarie Status Operation Area 1.2 ha Ref.No. on Map _____ District Code 110
 District Nairobi Division Dagoretti Location Ruthimitu Implement Agency _____
 Type of Project/Irrigation _____ Owner/Managed by A Farmer Start Operation _____ Cost _____
 Conveyance Pipe Irrigation method Furrow/Overh River Name _____ Water supply by Gravity
 Crops Strawberry & Kales Farmers No. 1 Donor None Energy Diesel

Irrigation Water Demand Unit l/sec

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Year
0.0	0.5	0.7	0.2	0.5	0.4	0.4	0.0	0.4	1.1	1.0	0.5	

Water Permit
 Highflow _____ g/day
 Lowflow _____ g/day

No.9 Name Dan Kiarie Status Operation Area 0.5 ha Ref.No. on Map _____ District Code 110
 District Nairobi Division Dagoretti Location _____ Implement Agency X
 Type of Project/Irrigation _____ Owner/Managed by Farmer Start Operation _____ Cost N/A
 Conveyance Pipe Irrigation method Overhead River Name _____ Water supply by Pump
 Crops Cabbages, Kales, Tomatoes Farmers No. 1 Donor None Energy _____

Irrigation Water Demand Unit l/sec

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Year
0.0	0.2	0.3	0.1	0.2	0.2	0.1	0.0	0.2	0.5	0.4	0.2	

Water Permit N/A
 Highflow N/A g/day
 Lowflow N/A g/day

No.10 Name E.N Kuria Status Operation Area 0 ha Ref.No. on Map _____ District Code 110
 District Nairobi Division Dagoretti Location _____ Implement Agency _____
 Type of Project/Irrigation _____ Owner/Managed by Farmers Start Operation 0 Cost 0
 Conveyance Pipe Irrigation method Overhead River Name _____ Water supply by Pump
 Crops Coffee & Hort. Crops Farmers No. 5 Donor None Energy _____

Irrigation Water Demand Unit

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Year
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	

Water Permit None
 Highflow 0 g/day
 Lowflow 0 g/day

No.11 Name E.W. Kuria Status Operation Area 16 ha Ref.No. on Map _____ District Code 110
 District Nairobi Division Dagoretti Location Ruthimitu Implement Agency _____
 Type of Project/Irrigation _____ Owner/Managed by A Farmer Start Operation _____ Cost _____
 Conveyance Pipe Irrigation method Overhead River Name _____ Water supply by Gravity
 Crops Coffee & Horticulture Farmers No. 1 Donor None Energy Diesel

Irrigation Water Demand Unit l/sec

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Year
0.0	6.5	9.0	2.6	6.6	4.9	4.7	0.5	5.6	15.2	13.3	6.5	

Water Permit
 Highflow _____ g/day
 Lowflow _____ g/day

No.12 Name Eastleigh Garden Status Operation Area 0.6 ha Ref.No. on Map _____ District Code 110
 District Nairobi Division Kasarani Location _____ Implement Agency _____
 Type of Project/Irrigation _____ Owner/Managed by Private Start Operation _____ Cost _____
 Conveyance Pipe Irrigation method H/Pipe River Name Pipe Water Water supply by Pipe
 Crops Vegetables Farmers No. 32 Donor None Energy _____

Irrigation Water Demand Unit l/sec

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Year
0.0	0.2	0.3	0.1	0.2	0.2	0.2	0.0	0.2	0.6	0.5	0.2	

Water Permit
 Highflow _____ g/day
 Lowflow _____ g/day

Inventory of Irrigation / Drainage Scheme

No.13 Name Embakasi Status Operation Area 125 ha Ref.No. on Map _____ District Code 110
 District Nairobi Division Makadara Location _____ Implement Agency _____
 Type of Project Irrigation Owner/Managed by Private Start Operation _____ Cost _____
 Conveyance _____ Irrigation Overhead River Name _____ Water supply by Pump
 method _____ Farmers No. _____ Donor None Energy _____
 Crops Hort.Chillie,F/Beans,Tomat,Brinjal.

Irrigation Water Demand Unit l/sec

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Year
0.0	51.2	70.5	20.3	51.8	38.6	36.9	3.7	43.4	119.0	103.7	50.9	

Water Permit
 Highflow _____ g/day
 Lowflow _____ g/day

No.14 Name G.K.Brothers Status Operation Area 10 ha Ref.No. on Map _____ District Code 110
 District Nairobi Division Kibera Location _____ Implement Agency _____
 Type of Project Irrigation Owner/Managed by A Farmer Start Operation _____ Cost _____
 Conveyance Pipe Irrigation Overhead River Name Dam Water supply by Pump
 method _____ Farmers No. _____ Donor None Energy _____
 Crops Fodder Maize Horticulture

Irrigation Water Demand Unit l/sec

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Year
0.0	4.1	5.6	1.6	4.1	3.1	2.9	0.3	3.5	9.5	8.3	4.1	

Water Permit
 Highflow _____ g/day
 Lowflow _____ g/day

No.15 Name G.K.Prison West Status Operation Area 2 ha Ref.No. on Map _____ District Code 110
 District Nairobi Division Kibera Location _____ Implement Agency _____
 Type of Project Irrigation Owner/Managed by Private Start Operation _____ Cost _____
 Conveyance _____ Irrigation Bucket River Name Nbr/Dam Water supply by Bucket
 method _____ Farmers No. _____ Donor None Energy _____
 Crops Horticulture

Irrigation Water Demand Unit l/sec

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Year
0.0	0.8	1.1	0.3	0.8	0.6	0.6	0.1	0.7	1.9	1.7	0.8	

Water Permit
 Highflow _____ g/day
 Lowflow _____ g/day

No.16 Name G.Kibi Status Operation Area 1 ha Ref.No. on Map _____ District Code 110
 District Nairobi Division Dagoretti Location _____ Implement Agency _____
 Type of Project Irrigation Owner/Managed by A Farmer Start Operation _____ Cost _____
 Conveyance Pipe Irrigation Overhead River Name _____ Water supply by Pump
 method _____ Farmers No. 1 Donor None Energy _____
 Crops Brassica Tomatoes

Irrigation Water Demand Unit l/sec

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Year
0.0	0.4	0.6	0.2	0.4	0.3	0.3	0.0	0.3	1.0	0.8	0.4	

Water Permit N/A
 Highflow N/A g/day
 Lowflow _____ g/day

No.17 Name Gachuri Status Operation Area 0.8 ha Ref.No. on Map _____ District Code 110
 District Nairobi Division Pumwani Location _____ Implement Agency _____
 Type of Project Irrigation Owner/Managed by A Farmer Start Operation _____ Cost _____
 Conveyance Pipe Irrigation Overhead River Name _____ Water supply by Pump
 method _____ Farmers No. 1 Donor None Energy _____
 Crops Horticultural Crops,Coffee

Irrigation Water Demand Unit l/sec

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Year
0.0	0.3	0.5	0.1	0.3	0.2	0.2	0.0	0.3	0.8	0.7	0.3	

Water Permit
 Highflow _____ g/day
 Lowflow _____ g/day

No.18 Name Gakunju Status Operation Area 4 ha Ref.No. on Map _____ District Code 110
 District Nairobi Division Pumwani Location _____ Implement Agency _____
 Type of Project Irrigation Owner/Managed by A Farmer Start Operation _____ Cost _____
 Conveyance Pipe Irrigation Overhead River Name Dam Water supply by Pump
 method _____ Farmers No. 1 Donor None Energy _____
 Crops Horticultural&Coffee

Irrigation Water Demand Unit l/sec

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Year
0.0	1.6	2.3	0.6	1.7	1.2	1.2	0.1	1.4	3.8	3.3	1.6	

Water Permit
 Highflow _____ g/day
 Lowflow _____ g/day

Inventory of Irrigation / Drainage Scheme

No.19 Name Gethi Ben Status Operation Area 2.4 ha Ref.No. on Map _____ District Code 110
 District Nairobi Division Pumwani Location U/Parklands Implement Agency _____
 Type of Project/Irrigation _____ Owner/Managed by Private Start Operation 0 Cost 0
 Conveyance Pipe Irrigation method Sprinkler/lig River Name _____ Water supply by Gravity
 Crops Kales, Tomatoe, Cabbages Farmers No. _____ Donor None Energy Electricity

Irrigation Water Demand Unit l/sec

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Year
0.0	1.0	1.4	0.4	1.0	0.7	0.7	0.1	0.8	2.3	2.0	1.0	

Water Permit
 Highflow _____ g/day
 Lowflow _____ g/day

No.20 Name Githga Status Operation Area 2 ha Ref.No. on Map _____ District Code 110
 District Nairobi Division Kibera Location _____ Implement Agency _____
 Type of Project/Irrigation _____ Owner/Managed by A Farmer Start Operation _____ Cost _____
 Conveyance _____ Irrigation method Overhead River Name Mbagathi Water supply by Pump
 Crops Horticulture Farmers No. 1 Donor None Energy _____

Irrigation Water Demand Unit l/sec

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Year
0.0	0.8	1.1	0.3	0.8	0.6	0.6	0.1	0.7	1.9	1.7	0.8	

Water Permit
 Highflow _____ g/day
 Lowflow _____ g/day

No.21 Name Hinga Status Operation Area 2 ha Ref.No. on Map _____ District Code 110
 District Nairobi Division Pumwani Location U/Parklands Implement Agency _____
 Type of Project/Irrigation _____ Owner/Managed by Private Start Operation _____ Cost _____
 Conveyance _____ Irrigation method _____ River Name _____ Water supply by _____
 Crops Cabbag, Kales, Spina, Tomatoes Farmers No. _____ Donor None Energy _____

Irrigation Water Demand Unit l/sec

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Year
0.0	0.8	1.1	0.3	0.8	0.6	0.6	0.1	0.7	1.9	1.7	0.8	

Water Permit
 Highflow _____ g/day
 Lowflow _____ g/day

No.22 Name Hiuhu Status Operation Area 2 ha Ref.No. on Map _____ District Code 110
 District Nairobi Division Kibera Location _____ Implement Agency _____
 Type of Project/Irrigation _____ Owner/Managed by A Farmer Start Operation _____ Cost _____
 Conveyance Pipe Irrigation method Overhead River Name Mbagathi Water supply by Pump
 Crops Horticulture, Fodder Farmers No. 1 Donor None Energy _____

Irrigation Water Demand Unit l/sec

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Year
0.0	0.8	1.1	0.3	0.8	0.6	0.6	0.1	0.7	1.9	1.7	0.8	

Water Permit
 Highflow _____ g/day
 Lowflow _____ g/day

No.23 Name I.K. Kioi Status Operation Area 2 ha Ref.No. on Map _____ District Code 110
 District Nairobi Division Dagoretti Location _____ Implement Agency _____
 Type of Project/Irrigation _____ Owner/Managed by A Farmer Start Operation _____ Cost N/A
 Conveyance Pipe Irrigation method Overhead River Name _____ Water supply by Pump
 Crops Tomatoes, Brassica Farmers No. 1 Donor None Energy _____

Irrigation Water Demand Unit l/sec

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Year
0.0	0.8	1.1	0.3	0.8	0.6	0.6	0.1	0.7	1.9	1.7	0.8	

Water Permit N/A
 Highflow N/A g/day
 Lowflow N/A g/day

No.24 Name Ind Farm Dandora Status Operation Area 0.8 ha Ref.No. on Map _____ District Code 110
 District Nairobi Division Kasarani Location _____ Implement Agency _____
 Type of Project/Irrigation _____ Owner/Managed by Private Start Operation _____ Cost _____
 Conveyance Pipe Irrigation method II/Sprinkler River Name Sewage Water supply by Furrow
 Crops Vegetables Farmers No. 40 Donor None Energy _____

Irrigation Water Demand Unit l/sec

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Year
0.0	0.3	0.5	0.1	0.3	0.2	0.2	0.0	0.3	0.8	0.7	0.3	

Water Permit
 Highflow _____ g/day
 Lowflow _____ g/day

Inventory of Irrigation / Drainage Scheme

No 25 Name J.K.Kioi Status Operation Area 2 ha Ref.No. on Map _____ District Code 110
 District Nairobi Division Dagoretti Location _____ Implement Agency _____
 Type of Project Irrigation Owner/Managed by A Farmer Start Operation _____ Cost N/A
 Conveyance Pipe Irrigation method Overhead River Name _____ Water supply by Pump
 Crops Flowers Bananas Farmers No. 1 Donor None Energy _____

Irrigation Water Demand Unit l/sec

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Year
0.0	0.8	1.1	0.3	0.8	0.6	0.6	0.1	0.7	1.9	1.7	0.8	

Water Permit N/A
 Highflow N/A g/day
 Lowflow N/A g/day

No 26 Name J.Kimani Status Operation Area 0.5 ha Ref.No. on Map _____ District Code 110
 District Nairobi Division Dagoretti Location _____ Implement Agency _____
 Type of Project Irrigation Owner/Managed by A Farmer Start Operation _____ Cost N/A
 Conveyance Pipe Irrigation method Overhead River Name _____ Water supply by Pump
 Crops Brassica Tomatoes Farmers No. 1 Donor None Energy _____

Irrigation Water Demand Unit l/sec

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Year
0.0	0.2	0.3	0.1	0.2	0.2	0.1	0.0	0.2	0.5	0.4	0.2	

Water Permit N/A
 Highflow N/A g/day
 Lowflow N/A g/day

No 27 Name James Status Operation Area 1 ha Ref.No. on Map _____ District Code 110
 District Nairobi Division Dagoretti Location _____ Implement Agency _____
 Type of Project Irrigation Owner/Managed by A Farmer Start Operation _____ Cost N/A
 Conveyance Pipe Irrigation method Overhead River Name _____ Water supply by Pump
 Crops Brassica Tomatoes Farmers No. 1 Donor None Energy _____

Irrigation Water Demand Unit l/sec

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Year
0.0	0.4	0.6	0.2	0.4	0.3	0.3	0.0	0.3	1.0	0.8	0.4	

Water Permit N/A
 Highflow N/A g/day
 Lowflow N/A g/day

No 28 Name James Ngugi Status Operation Area 0.08 ha Ref.No. on Map _____ District Code 110
 District Nairobi Division Kasarani Location _____ Implement Agency _____
 Type of Project Irrigation Owner/Managed by Private Start Operation _____ Cost _____
 Conveyance Piped Irrigation method Sprinkler River Name Tap Water supply by _____
 Crops Pawpaws,Citr.Avocado Bana Farmers No. _____ Donor None Energy _____

Irrigation Water Demand Unit l/sec

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Year
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	

Water Permit _____
 Highflow None g/day
 Lowflow _____ g/day

No 29 Name Jenga Status Operation Area 0.6 ha Ref.No. on Map _____ District Code 110
 District Nairobi Division Pumwani Location _____ Implement Agency _____
 Type of Project Irrigation Owner/Managed by A Farmer Start Operation _____ Cost _____
 Conveyance Pipe Irrigation method Overhead River Name _____ Water supply by Pump
 Crops Horticultural Crops Farmers No. 1 Donor None Energy _____

Irrigation Water Demand Unit l/sec

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Year
0.0	0.2	0.3	0.1	0.2	0.2	0.2	0.0	0.2	0.6	0.5	0.2	

Water Permit _____
 Highflow _____ g/day
 Lowflow _____ g/day

No 30 Name John Gat Status Operation Area 6 ha Ref.No. on Map _____ District Code 110
 District Nairobi Division Kibera Location _____ Implement Agency _____
 Type of Project Irrigation Owner/Managed by A Farmer Start Operation _____ Cost _____
 Conveyance Pipe Irrigation method Overhead River Name _____ Water supply by Pump
 Crops Fodder Horticulture Farmers No. _____ Donor None Energy _____

Irrigation Water Demand Unit l/sec

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Year
0.0	2.5	3.4	1.0	2.5	1.9	1.8	0.2	2.1	5.7	5.0	2.4	

Water Permit _____
 Highflow _____ g/day
 Lowflow _____ g/day

Inventory of Irrigation / Drainage Scheme

No.31 Name John Kimani Status Operation Area 0.1 ha Ref.No. on Map _____ District Code 110
 District Nairobi Division Pumwani Location L/Parklands Implement Agency _____
 Type of Project Irrigation Owner/Managed by A Farmer Start Operation _____ Cost _____
 Conveyance _____ Irrigation method Sprinkler River Name _____ Water supply by _____
 Crops Kales, Beans, Potato, Tomato. Farmers No. 1 Donor None Energy Electricity

Irrigation Water Demand												Unit l/sec
JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Year
0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	

Water Permit _____
 Highflow _____ g/day
 Lowflow _____ g/day

No.32 Name John Kimani Status Operation Area 0.8 ha Ref.No. on Map _____ District Code 110
 District Nairobi Division Dagoretti Location Kangemi Implement Agency _____
 Type of Project Irrigation Owner/Managed by A Farmer Start Operation _____ Cost _____
 Conveyance _____ Irrigation method Furrows River Name _____ Water supply by _____
 Crops Tomatoes & Kales Farmers No. _____ Donor None Energy Energy

Irrigation Water Demand												Unit l/sec
JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Year
0.0	0.3	0.5	0.1	0.3	0.2	0.2	0.0	0.3	0.8	0.7	0.3	

Water Permit _____
 Highflow _____ g/day
 Lowflow _____ g/day

No.33 Name K.I.S.E. Status Operation Area 0.8 ha Ref.No. on Map _____ District Code 110
 District Nairobi Division Kasarani Location _____ Implement Agency _____
 Type of Project Irrigation Owner/Managed by Private Start Operation _____ Cost _____
 Conveyance Pipe Irrigation method Overhead River Name Borehole Water supply by Pump
 Crops Vegetables Farmers No. _____ Donor None Energy Energy

Irrigation Water Demand												Unit l/sec
JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Year
0.0	0.3	0.5	0.1	0.3	0.2	0.2	0.0	0.3	0.8	0.7	0.3	

Water Permit _____
 Highflow _____ g/day
 Lowflow _____ g/day

No.34 Name K.Kamethu Status Operation Area 1.5 ha Ref.No. on Map _____ District Code 110
 District Nairobi Division Dagoretti Location _____ Implement Agency _____
 Type of Project Irrigation Owner/Managed by A Farmer Start Operation _____ Cost _____
 Conveyance Pipe Irrigation method Overhead River Name _____ Water supply by Pump
 Crops Cabbages, Kales, Tomatoes Farmers No. 1 Donor None Energy Energy

Irrigation Water Demand												Unit l/sec
JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Year
0.0	0.6	0.8	0.2	0.6	0.5	0.4	0.0	0.5	1.4	1.2	0.6	

Water Permit N/A
 Highflow _____ g/day
 Lowflow _____ g/day

No.35 Name Kaglia Status Operation Area 1.6 ha Ref.No. on Map _____ District Code 110
 District Nairobi Division Pumwani Location _____ Implement Agency _____
 Type of Project Irrigation Owner/Managed by A Farmer Start Operation _____ Cost _____
 Conveyance Pipe Irrigation method Overhead River Name _____ Water supply by Pump
 Crops Horticultural Crops Farmers No. 1 Donor None Energy Energy

Irrigation Water Demand												Unit l/sec
JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Year
0.0	0.7	0.9	0.3	0.7	0.5	0.5	0.0	0.6	1.5	1.3	0.7	

Water Permit _____
 Highflow _____ g/day
 Lowflow _____ g/day

No.36 Name Kaglia Status Operation Area 0.1 ha Ref.No. on Map _____ District Code 110
 District Nairobi Division Pumwani Location U/Parklands Implement Agency _____
 Type of Project Irrigation Owner/Managed by A Farmer Start Operation _____ Cost _____
 Conveyance _____ Irrigation method Sprinkler/lig River Name _____ Water supply by Gravity
 Crops Kales Spinach Tomatoes Farmers No. _____ Donor None Energy Petrol

Irrigation Water Demand												Unit l/sec
JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Year
0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	

Water Permit N/A
 Highflow N/A g/day
 Lowflow _____ g/day

Inventory of Irrigation / Drainage Scheme

No.37 Name Kahuhu Status Operation Area 17 ha Ref.No. on Map _____ District Code 110
 District Nairobi Division Makadara Location _____ Implement Agency _____
 Type of Project Irrigation Owner/Managed by A Farmer Start Operation _____ Cost _____
 Conveyance Pipe Irrigation method Overhead/Furr River Name _____ Water supply by Pump
 Crops Fodder, Hort. Sugar Cane, Maiz. Farmers No. 2 Donor None Energy _____

Irrigation Water Demand Unit l/sec

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Year
0.0	7.0	9.6	2.8	7.0	5.2	5.0	0.5	5.9	16.2	14.1	6.9	

Water Permit
 Highflow _____ g/day
 Lowflow _____ g/day

No.38 Name Kamuyu Wangewa Status Operation Area 0.8 ha Ref.No. on Map _____ District Code 110
 District Nairobi Division Dagoretti Location Kangemi Implement Agency _____
 Type of Project Irrigation Owner/Managed by A Farmer Start Operation _____ Cost _____
 Conveyance Pipe Irrigation method Furrows River Name _____ Water supply by Gravity
 Crops Tomatoes, Brassica Farmers No. _____ Donor None Energy Diesel

Irrigation Water Demand Unit l/sec

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Year
0.0	0.3	0.5	0.1	0.3	0.2	0.2	0.0	0.3	0.8	0.7	0.3	

Water Permit
 Highflow _____ g/day
 Lowflow _____ g/day

No.39 Name Kamuyu Wangewa Status Operation Area 1 ha Ref.No. on Map _____ District Code 110
 District Nairobi Division Pumwani Location _____ Implement Agency _____
 Type of Project Irrigation Owner/Managed by A Farmer Start Operation _____ Cost _____
 Conveyance Pipe Irrigation method Furrows River Name _____ Water supply by Furrow
 Crops Brassica Tomatoes Farmers No. 1 Donor None Energy _____

Irrigation Water Demand Unit l/sec

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Year
0.0	0.4	0.6	0.2	0.4	0.3	0.3	0.0	0.3	1.0	0.8	0.4	

Water Permit
 Highflow _____ g/day
 Lowflow _____ g/day

No.40 Name Karungi Status Operation Area 2.4 ha Ref.No. on Map _____ District Code 110
 District Nairobi Division Pumwani Location _____ Implement Agency _____
 Type of Project Irrigation Owner/Managed by A Farmer Start Operation _____ Cost _____
 Conveyance Pipe Irrigation method Overhead River Name _____ Water supply by Pump
 Crops Horticultural Crops, Coffee Farmers No. 1 Donor None Energy _____

Irrigation Water Demand Unit l/sec

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Year
0.0	1.0	1.4	0.4	1.0	0.7	0.7	0.1	0.8	2.3	2.0	1.0	

Water Permit
 Highflow _____ g/day
 Lowflow _____ g/day

No.41 Name Kariuki Status Operation Area 4 ha Ref.No. on Map _____ District Code 110
 District Nairobi Division Kibera Location _____ Implement Agency _____
 Type of Project Irrigation Owner/Managed by A Farmer Start Operation _____ Cost _____
 Conveyance Pipe Irrigation method Overhead River Name Mbagathi Water supply by Pump
 Crops Horticulture Farmers No. 1 Donor None Energy _____

Irrigation Water Demand Unit l/sec

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Year
0.0	1.6	2.3	0.6	1.7	1.2	1.2	0.1	1.4	3.8	3.3	1.6	

Water Permit
 Highflow _____ g/day
 Lowflow _____ g/day

No.42 Name Kathini Estate Status Operation Area 100 ha Ref.No. on Map _____ District Code 110
 District Nairobi Division Pumwani Location U/Parklands Implement Agency _____
 Type of Project Irrigation Owner/Managed by Private Start Operation _____ Cost _____
 Conveyance Pipe Irrigation method Sprinkler/lig River Name _____ Water supply by Gravity
 Crops Coffee Farmers No. _____ Donor None Energy Electricity

Irrigation Water Demand Unit l/sec

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Year
0.0	40.9	56.4	16.2	41.4	30.9	29.5	3.0	34.7	95.2	82.9	40.7	

Water Permit N/A
 Highflow _____ g/day
 Lowflow _____ g/day

Inventory of Irrigation / Drainage Scheme

No.43 Name Kemori Status Operation Area 2 ha Ref.No. on Map _____ District Code 110
 District Nairobi Division Kibera Location _____ Implement Agency _____
 Type of Project/Irrigation _____ Owner/Managed by A Farmer Start Operation _____ Cost _____
 Conveyance _____ Irrigation method Overhead River Name Mbagathi Water supply by Pump
 Crops Horticulture Farmers No. 1 Donor None Energy _____

Irrigation Water Demand Unit l/sec

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Year
0.0	0.8	1.1	0.3	0.8	0.6	0.6	0.1	0.7	1.9	1.7	0.8	

Water Permit _____
 Highflow _____ g/day
 Lowflow _____ g/day

No.44 Name Kigunda Status Operation Area 0.2 ha Ref.No. on Map _____ District Code 110
 District Nairobi Division Kasarani Location _____ Implement Agency _____
 Type of Project/Irrigation _____ Owner/Managed by Private Start Operation _____ Cost _____
 Conveyance Pipe Irrigation method Overhead River Name Dam/Stream Water supply by Pump
 Crops Vegetables Farmers No. _____ Donor None Energy _____

Irrigation Water Demand Unit l/sec

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Year
0.0	0.1	0.1	0.0	0.1	0.1	0.1	0.0	0.1	0.2	0.2	0.1	

Water Permit _____
 Highflow _____ g/day
 Lowflow _____ g/day

No.45 Name Kigwa Farm Status Operation Area N/A ha Ref.No. on Map _____ District Code 110
 District Nairobi Division Kasarani Location _____ Implement Agency _____
 Type of Project/Irrigation _____ Owner/Managed by Private Start Operation _____ Cost _____
 Conveyance Pipe Irrigation method Overhead River Name Dam Water supply by Pump
 Crops Coffee Farmers No. _____ Donor None Energy _____

Irrigation Water Demand Unit

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Year
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	

Water Permit _____
 Highflow _____ g/day
 Lowflow _____ g/day

No.46 Name Kihingo Farm Status Operation Area 54 ha Ref.No. on Map _____ District Code 110
 District Nairobi Division Pumwani Location _____ Implement Agency _____
 Type of Project/Irrigation _____ Owner/Managed by Farmers Start Operation _____ Cost N/A
 Conveyance _____ Irrigation method Sprinkler River Name Mutundu Water supply by Gravity
 Crops Coffee Flowers Onions Farmers No. _____ Donor None Energy _____

Irrigation Water Demand Unit l/sec

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Year
0.0	22.1	30.4	8.8	22.4	16.7	15.9	1.6	18.7	51.4	44.8	22.0	

Water Permit N/A
 Highflow N/A g/day
 Lowflow N/A g/day

No.47 Name Kimanga Estate Status Operation Area 18.4 ha Ref.No. on Map _____ District Code 110
 District Nairobi Division Pumwani Location _____ Implement Agency _____
 Type of Project/Irrigation _____ Owner/Managed by Private Start Operation _____ Cost _____
 Conveyance Pipe Irrigation method Overhead River Name Dam Water supply by Pump
 Crops Coffee Farmers No. _____ Donor None Energy _____

Irrigation Water Demand Unit l/sec

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Year
0.0	7.5	10.4	3.0	7.6	5.7	5.4	0.5	6.4	17.5	15.3	7.5	

Water Permit N/A
 Highflow _____ g/day
 Lowflow _____ g/day

No.48 Name Kimanga Farm Status Operation Area 18 ha Ref.No. on Map _____ District Code 110
 District Nairobi Division Pumwani Location Lower Pumwani Implement Agency _____
 Type of Project/Irrigation _____ Owner/Managed by Farmers Start Operation _____ Cost N/A
 Conveyance Pipe Irrigation method Sprinkler/Hig River Name Mutundu Water supply by Gravity
 Crops Coffee Farmers No. _____ Donor None Energy Electricity

Irrigation Water Demand Unit l/sec

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Year
0.0	7.4	10.1	2.9	7.5	5.6	5.3	0.5	6.2	17.1	14.9	7.3	

Water Permit N/A
 Highflow N/A g/day
 Lowflow N/A g/day

Inventory of Irrigation / Drainage Scheme

No.49 Name Kimani Status Operation Area 0.8 ha Ref.No. on Map _____ District Code 110
 District Nairobi Division Pumwani Location _____ Implement Agency _____
 Type of Project Irrigation Owner/Managed by A Farmer Start Operation _____ Cost _____
 Conveyance Pipe Irrigation method Overhead River Name _____ Water supply by Pump
 Crops Horticultural Crops Farmers No. _____ Donor None Energy _____

Irrigation Water Demand												Unit l/sec
JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Year
0.0	0.3	0.5	0.1	0.3	0.2	0.2	0.0	0.3	0.8	0.7	0.3	

Water Permit
 Highflow _____ g/day
 Lowflow _____ g/day

No.50 Name Kimosa Farm Status Operation Area 64.12 ha Ref.No. on Map _____ District Code 110
 District Nairobi Division Pumwani Location _____ Implement Agency _____
 Type of Project Irrigation Owner/Managed by Private Start Operation _____ Cost _____
 Conveyance _____ Irrigation method Overhead River Name Dam Water supply by Pump
 Crops Coffee Farmers No. _____ Donor None Energy _____

Irrigation Water Demand												Unit l/sec
JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Year
0.0	26.2	36.1	10.4	26.6	19.8	18.9	1.9	22.3	61.0	53.2	26.1	

Water Permit
 Highflow _____ g/day
 Lowflow _____ g/day

No.51 Name Kingoo Kioko Status Operation Area 0.4 ha Ref.No. on Map _____ District Code 110
 District Nairobi Division Kibera Location _____ Implement Agency _____
 Type of Project Irrigation Owner/Managed by A Farmer Start Operation _____ Cost _____
 Conveyance _____ Irrigation method Furrows River Name Dam Water supply by Furrow
 Crops Vegetables Farmers No. 1 Donor None Energy _____

Irrigation Water Demand												Unit l/sec
JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Year
0.0	0.2	0.2	0.1	0.2	0.1	0.1	0.0	0.1	0.4	0.3	0.2	

Water Permit
 Highflow _____ g/day
 Lowflow _____ g/day

No.52 Name Kinyago Status Operation Area 0.1 ha Ref.No. on Map _____ District Code 110
 District Nairobi Division Kasarani Location _____ Implement Agency _____
 Type of Project Irrigation Owner/Managed by A Farmer Start Operation _____ Cost _____
 Conveyance Pipe Irrigation method Watering River Name Piped Water Water supply by Pipe
 Crops Vegetables Farmers No. 25 Donor None Energy _____

Irrigation Water Demand												Unit l/sec
JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Year
0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	

Water Permit
 Highflow _____ g/day
 Lowflow _____ g/day

No.53 Name Kinyanjui Kamehu Status Operation Area 1.6 ha Ref.No. on Map _____ District Code 110
 District Nairobi Division Dagoretti Location Kangemi Implement Agency _____
 Type of Project Irrigation Owner/Managed by A Farmer Start Operation _____ Cost _____
 Conveyance Pipe Irrigation method Overhead River Name _____ Water supply by Gravity
 Crops Cabbages Farmers No. 1 Donor None Energy Diesel

Irrigation Water Demand												Unit l/sec
JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Year
0.0	0.7	0.9	0.3	0.7	0.5	0.5	0.0	0.6	1.5	1.3	0.7	

Water Permit
 Highflow _____ g/day
 Lowflow _____ g/day

No.54 Name Kiragu Status Operation Area 4 ha Ref.No. on Map _____ District Code 110
 District Nairobi Division Kibera Location _____ Implement Agency _____
 Type of Project Irrigation Owner/Managed by A Farmer Start Operation _____ Cost _____
 Conveyance _____ Irrigation method Overhead River Name Mbagathi Water supply by Pump
 Crops Horticulture Farmers No. 1 Donor None Energy _____

Irrigation Water Demand												Unit l/sec
JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Year
0.0	1.6	2.3	0.6	1.7	1.2	1.2	0.1	1.4	3.8	3.3	1.6	

Water Permit
 Highflow _____ g/day
 Lowflow _____ g/day

Inventory of Irrigation / Drainage Scheme

No 55 Name Kithingo Status Operation Area 53.12 ha Ref.No. on Map _____ District Code 110
 District Nairobi Division Pumwani Location _____ Implement Agency _____
 Type of Project/Irrigation Irrigation Owner/Managed by Private Start Operation _____ Cost _____
 Conveyance Pipe _____ Irrigation method _____ River Name _____ Water supply by Pump
 Crops Coffee Farmers No. 0 Donor None Energy _____

Irrigation Water Demand												Unit l/sec	Water Permit	
JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Year	Highflow	g/day
0.0	21.7	29.9	8.6	22.0	16.4	15.7	1.6	18.4	50.6	44.1	21.6		Lowflow	g/day

No 56 Name Kuku W/Group Status Operation Area N/A ha Ref.No. on Map _____ District Code 110
 District Nairobi Division Kasarani Location _____ Implement Agency _____
 Type of Project/Irrigation Irrigation Owner/Managed by Private Start Operation _____ Cost _____
 Conveyance Pipe _____ Irrigation method Watering River Name Piped Water Water supply by Pipe
 Crops Vegetables Farmers No. 25 Donor None Energy _____

Irrigation Water Demand												Unit	Water Permit	
JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Year	Highflow	g/day
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		Lowflow	g/day

No 57 Name Lake View Estate Status Operation Area 21.3 ha Ref.No. on Map _____ District Code 110
 District Nairobi Division Pumwani Location Lower Pumwani Implement Agency _____
 Type of Project/Irrigation Irrigation Owner/Managed by Farmers Start Operation _____ Cost _____
 Conveyance Pipe _____ Irrigation method Sprinkler/Flig River Name Bore Hole Water supply by Gravity
 Crops Coffee, Pass. Beans, Cabbage, Tomat Farmers No. _____ Donor None Energy Electricity

Irrigation Water Demand												Unit l/sec	Water Permit	
JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Year	Highflow	g/day
0.0	8.7	12.0	3.5	8.8	6.6	6.3	0.6	7.4	20.3	17.7	8.7		Lowflow	g/day

No 58 Name Lake View Estate Status Operation Area 14.8 ha Ref.No. on Map _____ District Code 110
 District Nairobi Division Pumwani Location _____ Implement Agency _____
 Type of Project/Irrigation Irrigation Owner/Managed by Private Start Operation _____ Cost _____
 Conveyance Pipe _____ Irrigation method Overhead River Name Dam Water supply by Pump
 Crops Coffee Farmers No. _____ Donor None Energy _____

Irrigation Water Demand												Unit l/sec	Water Permit	
JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Year	Highflow	g/day
0.0	6.1	8.3	2.4	6.1	4.6	4.4	0.4	5.1	14.1	12.3	6.0		Lowflow	g/day

No 59 Name Lisa Estate Status Operation Area 57 ha Ref.No. on Map _____ District Code 110
 District Nairobi Division Kasarani Location _____ Implement Agency _____
 Type of Project/Irrigation Irrigation Owner/Managed by Private Start Operation _____ Cost _____
 Conveyance Pipe _____ Irrigation method Overhead River Name Dam/Borehole Water supply by Pump
 Crops Coff. Chillies, Flow. F/Beans Farmers No. 1 Donor None Energy _____

Irrigation Water Demand												Unit l/sec	Water Permit	
JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Year	Highflow	g/day
0.0	23.3	32.1	9.2	23.6	17.6	16.8	1.7	19.8	54.3	47.3	23.2		Lowflow	g/day

No 60 Name M. Kenyatta Status Operation Area 2 ha Ref.No. on Map _____ District Code 110
 District Nairobi Division Kibera Location _____ Implement Agency _____
 Type of Project/Irrigation Irrigation Owner/Managed by A Farmer Start Operation _____ Cost _____
 Conveyance Pipe _____ Irrigation method Overhead River Name Mbagathi Water supply by Pump
 Crops Horticulture Farmers No. 1 Donor None Energy _____

Irrigation Water Demand												Unit l/sec	Water Permit	
JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Year	Highflow	g/day
0.0	0.8	1.1	0.3	0.8	0.6	0.6	0.1	0.7	1.9	1.7	0.8		Lowflow	g/day

Inventory of Irrigation / Drainage Scheme

No.61 Name Magugu Status Operation Area N/A ha Ref.No. on Map District Code 110
 District Nairobi Division Kasarani Location Implement Agency
 Type of Project Irrigation Owner/Managed by A Farmer Start Operation Cost
 Conveyance Pipe Irrigation method Overhead River Name Dam Water supply by Pump
 Crops Coffee Farmers No. 1 Donor Energy

Irrigation Water Demand												Unit	Water Permit	
JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Year	Highflow	Lowflow
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		g/day	g/day

No.62 Name Magugu Status Operation Area 60 ha Ref.No. on Map District Code 110
 District Nairobi Division Kasarani Location Roysambu Implement Agency
 Type of Project Irrigation Owner/Managed by A Farmer Start Operation Cost
 Conveyance Pipe Irrigation method Sprinkler River Name Dam Water supply by Pump
 Crops Coffee Farmers No. Donor None Energy

Irrigation Water Demand												Unit l/sec	Water Permit	
JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Year	Highflow	Lowflow
0.0	24.6	33.8	9.7	24.9	18.5	17.7	1.8	20.8	57.1	49.8	24.4		g/day	g/day

No.63 Name Major Klangati Status Operation Area 0.8 ha Ref.No. on Map District Code 110
 District Nairobi Division Pumwani Location L/Parklands Implement Agency
 Type of Project Irrigation Owner/Managed by Private Start Operation Cost
 Conveyance Pipe Irrigation method Sprinkler/Hig River Name Tap Water supply by Gravity
 Crops Potatoes,Cabba.Onio.Kales Farmers No. Donor None Energy Electricity

Irrigation Water Demand												Unit l/sec	Water Permit	
JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Year	Highflow	Lowflow
0.0	0.3	0.5	0.1	0.3	0.2	0.2	0.0	0.3	0.8	0.7	0.3		g/day	g/day

No.64 Name Mama Ngina'S Farm Status Operation Area 12 ha Ref.No. on Map District Code 110
 District Nairobi Division Kibera Location Implement Agency
 Type of Project Irrigation Owner/Managed by A Farmer Start Operation Cost
 Conveyance Pipe Irrigation method Overhead River Name Mbagathi Water supply by Pump
 Crops Fodder & Horticulture Farmers No. Donor None Energy

Irrigation Water Demand												Unit l/sec	Water Permit	
JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Year	Highflow	Lowflow
0.0	4.9	6.8	1.9	5.0	3.7	3.5	0.4	4.2	11.4	10.0	4.9		g/day	g/day

No.65 Name Mbugua Status Operation Area 2 ha Ref.No. on Map District Code 110
 District Nairobi Division Pumwani Location U/Parklands Implement Agency
 Type of Project Irrigation Owner/Managed by Private Start Operation Cost
 Conveyance Irrigation method Sprinkler River Name Water supply by Gravity
 Crops Cabba.Kalles,Spina.Tomatoes Farmers No. Donor None Energy Electricity

Irrigation Water Demand												Unit l/sec	Water Permit	
JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Year	Highflow	Lowflow
0.0	0.8	1.1	0.3	0.8	0.6	0.6	0.1	0.7	1.9	1.7	0.8		g/day	g/day

No.66 Name Mirache Status Operation Area 40 ha Ref.No. on Map District Code 110
 District Nairobi Division Kasarani Location Implement Agency
 Type of Project Irrigation Owner/Managed by Private Start Operation Cost
 Conveyance Pipe Irrigation method Horse River Name Borehole Water supply by Pump
 Crops Coffee F/Beans,G/Maize Farmers No. Donor None Energy

Irrigation Water Demand												Unit l/sec	Water Permit	
JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Year	Highflow	Lowflow
0.0	16.4	22.6	6.5	16.6	12.3	11.8	1.2	13.9	38.1	33.2	16.3		g/day	g/day

Inventory of Irrigation / Drainage Scheme

No.67 Name Miringi Status Operation Area 2 ha Ref.No. on Map _____ District Code 110
 District Nairobi Division Kibera Location _____ Implement Agency _____
 Type of Project Irrigation Owner/Managed by A Farmer Start Operation _____ Cost _____
 Conveyance _____ Irrigation method Overhead River Name Dam Water supply by Pump
 Crops Horticulture Farmers No. 1 Donor None Energy _____

Irrigation Water Demand Unit l/sec

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Year
0.0	0.8	1.1	0.3	0.8	0.6	0.6	0.1	0.7	1.9	1.7	0.8	

Water Permit
 Highflow _____ g/day
 Lowflow _____ g/day

No.68 Name Mr.Gachira Status Operation Area 0.5 ha Ref.No. on Map _____ District Code 110
 District Nairobi Division Dagoretti Location _____ Implement Agency _____
 Type of Project Irrigation Owner/Managed by A Farmer Start Operation _____ Cost N/A
 Conveyance Pipe Irrigation method Overhead River Name _____ Water supply by Pump
 Crops Brassica Tomatoes Farmers No. 1 Donor None Energy _____

Irrigation Water Demand Unit l/sec

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Year
0.0	0.2	0.3	0.1	0.2	0.2	0.1	0.0	0.2	0.5	0.4	0.2	

Water Permit
 Highflow N/A g/day
 Lowflow N/A g/day

No.69 Name Mr.GreenSmith Status Operation Area 0.8 ha Ref.No. on Map _____ District Code 110
 District Nairobi Division Kibera Location _____ Implement Agency _____
 Type of Project Irrigation Owner/Managed by A Farmer Start Operation _____ Cost _____
 Conveyance Pipe Irrigation method Overhead River Name Mbagathi Water supply by Pump
 Crops Floriculture Farmers No. 1 Donor None Energy _____

Irrigation Water Demand Unit l/sec

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Year
0.0	0.3	0.5	0.1	0.3	0.2	0.2	0.0	0.3	0.8	0.7	0.3	

Water Permit
 Highflow _____ g/day
 Lowflow _____ g/day

No.70 Name Mr.Mbugua Status Operation Area 2 ha Ref.No. on Map _____ District Code 110
 District Nairobi Division Pumwani Location U/Parklands Implement Agency _____
 Type of Project Irrigation Owner/Managed by A Farmer Start Operation _____ Cost _____
 Conveyance Pipe Irrigation method Sprinkler/lig River Name Bore Hole Water supply by Gravity
 Crops Flowers Farmers No. _____ Donor None Energy Electricity

Irrigation Water Demand Unit l/sec

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Year
0.0	0.8	1.1	0.3	0.8	0.6	0.6	0.1	0.7	1.9	1.7	0.8	

Water Permit N/A
 Highflow N/A g/day
 Lowflow N/A g/day

No.71 Name Mr.Mwaniki Status Operation Area 1.2 ha Ref.No. on Map _____ District Code 110
 District Nairobi Division Pumwani Location U/Parklands Implement Agency _____
 Type of Project Irrigation Owner/Managed by A Farmer Start Operation _____ Cost N/A
 Conveyance Pipe Irrigation method Sprinkling River Name Ruaka&Bore Water supply by Gravity
 Crops Kal.Tomat Spina.Maiz.Beans Farmers No. _____ Donor None Energy Petrol

Irrigation Water Demand Unit l/sec

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Year
0.0	0.5	0.7	0.2	0.5	0.4	0.4	0.0	0.4	1.1	1.0	0.5	

Water Permit N/A
 Highflow N/A g/day
 Lowflow N/A g/day

No.72 Name Mr.Patel Status Operation Area 0.4 ha Ref.No. on Map _____ District Code 110
 District Nairobi Division Kasarani Location _____ Implement Agency _____
 Type of Project Irrigation Owner/Managed by Private Start Operation _____ Cost _____
 Conveyance Pipe Irrigation method Horse Pipe River Name City Water Supp Water supply by Pump
 Crops Vegetables Farmers No. _____ Donor None Energy _____

Irrigation Water Demand Unit l/sec

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Year
0.0	0.2	0.2	0.1	0.2	0.1	0.1	0.0	0.1	0.4	0.3	0.2	

Water Permit
 Highflow _____ g/day
 Lowflow _____ g/day

Inventory of Irrigation / Drainage Scheme

No.73 Name Mrs.Karanja Status Operation Area 1 ha Ref.No. on Map _____ District Code 110
 District Nairobi Division Dagoretti Location _____ Implement Agency _____
 Type of Project Irrigation Owner/Managed by A Farmer Start Operation _____ Cost _____
 Conveyance Pipe Irrigation Overhead River Name _____ Water supply by Pump
 Crops Flowers Bananas Farmers No. 1 Donor None Energy _____
 method

Irrigation Water Demand

Irrigation Water Demand												Unit l/sec
JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Year
0.0	0.4	0.6	0.2	0.4	0.3	0.3	0.0	0.3	1.0	0.8	0.4	

Water Permit N/A
 Highflow N/A g/day
 Lowflow N/A g/day

No.74 Name Mrs.Kibue Status Operation Area 0.5 ha Ref.No. on Map _____ District Code 110
 District Nairobi Division Dagoretti Location _____ Implement Agency _____
 Type of Project Irrigation Owner/Managed by Private Start Operation _____ Cost N/A
 Conveyance Pipe Irrigation Overhead River Name _____ Water supply by Pump
 Crops Tomatoes Cabbages Kales Farmers No. 1 Donor None Energy _____
 method

Irrigation Water Demand

Irrigation Water Demand												Unit l/sec
JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Year
0.0	0.2	0.3	0.1	0.2	0.2	0.1	0.0	0.2	0.5	0.4	0.2	

Water Permit N/A
 Highflow N/A g/day
 Lowflow N/A g/day

No.75 Name Mrs.Kibue Status Operation Area 0.8 ha Ref.No. on Map _____ District Code 110
 District Nairobi Division Dagoretti Location Ruthimitu Implement Agency _____
 Type of Project Irrigation Owner/Managed by A Farmer Start Operation _____ Cost _____
 Conveyance _____ Irrigation Furrows River Name _____ Water supply by Gravity
 Crops Kales, Tomato, Cabbages Farmers No. 1 Donor None Energy _____
 method

Irrigation Water Demand

Irrigation Water Demand												Unit l/sec
JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Year
0.0	0.3	0.5	0.1	0.3	0.2	0.2	0.0	0.3	0.8	0.7	0.3	

Water Permit _____
 Highflow _____ g/day
 Lowflow _____ g/day

No.76 Name Mrs.Ngige Status Operation Area 0.8 ha Ref.No. on Map _____ District Code 110
 District Nairobi Division Pumwani Location U/Parklands Implement Agency _____
 Type of Project Irrigation Owner/Managed by A Farmer Start Operation _____ Cost _____
 Conveyance _____ Irrigation Overhead River Name _____ Water supply by _____
 Crops Nappier Grass Farmers No. 1 Donor None Energy _____
 method

Irrigation Water Demand

Irrigation Water Demand												Unit l/sec
JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Year
0.0	0.3	0.5	0.1	0.3	0.2	0.2	0.0	0.3	0.8	0.7	0.3	

Water Permit _____
 Highflow _____ g/day
 Lowflow _____ g/day

No.77 Name Mrs.Njoroge Status Operation Area 1.25 ha Ref.No. on Map _____ District Code 110
 District Nairobi Division Dagoretti Location _____ Implement Agency _____
 Type of Project Irrigation Owner/Managed by A Farmer Start Operation _____ Cost N/A
 Conveyance Pipe Irrigation Overhead River Name _____ Water supply by Pump
 Crops Flowers Brassica Tomatoes Farmers No. 1 Donor None Energy _____
 method

Irrigation Water Demand

Irrigation Water Demand												Unit l/sec
JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Year
0.0	0.5	0.7	0.2	0.5	0.4	0.4	0.0	0.4	1.2	1.0	0.5	

Water Permit N/A
 Highflow N/A g/day
 Lowflow N/A g/day

No.78 Name Mrs.Wainaina Status Operation Area 2 ha Ref.No. on Map _____ District Code 110
 District Nairobi Division Kasarani Location Kahawa North Implement Agency _____
 Type of Project Irrigation Owner/Managed by A Farmer Start Operation _____ Cost _____
 Conveyance Pipe Irrigation Sprinkler River Name Quarry Dam Water supply by Pump
 Crops Vegetables Farmers No. 1 Donor None Energy Diesel
 method

Irrigation Water Demand

Irrigation Water Demand												Unit l/sec
JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Year
0.0	0.5	0.8	0.0	0.0	0.1	0.4	0.0	0.3	1.6	1.1	0.0	

Water Permit _____
 Highflow _____ g/day
 Lowflow _____ g/day

Inventory of Irrigation / Drainage Scheme

No.79 Name Mrs. Wairimu Status Operation Area 2.4 ha Ref.No. on Map _____ District Code 110
 District Nairobi Division Pumwani Location _____ Implement Agency _____
 Type of Project Irrigation Owner/Managed by Private Start Operation _____ Cost _____
 Conveyance Pipe Irrigation Overhead River Name _____ Water supply by Pump
 method _____ Farmers No. _____ Donor None Energy _____
 Crops Horticultural Crops, Coffee

Irrigation Water Demand Unit l/sec

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Year
0.0	1.0	1.4	0.4	1.0	0.7	0.7	0.1	0.8	2.3	2.0	1.0	

Water Permit
 Highflow _____ g/day
 Lowflow _____ g/day

No.80 Name Muiruri Status Operation Area 4 ha Ref.No. on Map _____ District Code 110
 District Nairobi Division Kibera Location _____ Implement Agency _____
 Type of Project Irrigation Owner/Managed by Private Start Operation _____ Cost _____
 Conveyance Pipe Irrigation Overhead River Name Mbagathi Water supply by Pump
 method _____ Farmers No. _____ Donor None Energy _____
 Crops Horticulture

Irrigation Water Demand Unit l/sec

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Year
0.0	1.6	2.3	0.6	1.7	1.2	1.2	0.1	1.4	3.8	3.3	1.6	

Water Permit
 Highflow _____ g/day
 Lowflow _____ g/day

No.81 Name Mukirae Status Operation Area 2 ha Ref.No. on Map _____ District Code 110
 District Nairobi Division Kibera Location _____ Implement Agency _____
 Type of Project Irrigation Owner/Managed by Private Start Operation _____ Cost _____
 Conveyance Pipe Irrigation Overhead River Name Mbagathi Water supply by Pump
 method _____ Farmers No. _____ Donor None Energy _____
 Crops Horticulture

Irrigation Water Demand Unit l/sec

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Year
0.0	0.8	1.1	0.3	0.8	0.6	0.6	0.1	0.7	1.9	1.7	0.8	

Water Permit
 Highflow _____ g/day
 Lowflow _____ g/day

No.82 Name Muna Status Operation Area 0.8 ha Ref.No. on Map _____ District Code 110
 District Nairobi Division Kibera Location _____ Implement Agency _____
 Type of Project Irrigation Owner/Managed by A Farmer Start Operation _____ Cost _____
 Conveyance _____ Irrigation Overhead River Name _____ Water supply by Furrow
 method _____ Farmers No. 1 Donor None Energy _____
 Crops Citrus & Avocados

Irrigation Water Demand Unit l/sec

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Year
0.0	0.3	0.5	0.1	0.3	0.2	0.2	0.0	0.3	0.8	0.7	0.3	

Water Permit
 Highflow _____ g/day
 Lowflow _____ g/day

No.83 Name Muringa Farm Status Operation Area 40 ha Ref.No. on Map _____ District Code 110
 District Nairobi Division Pumwani Location _____ Implement Agency _____
 Type of Project Irrigation Owner/Managed by Private Start Operation _____ Cost _____
 Conveyance Pipe Irrigation Overhead River Name Dam Water supply by Pump
 method _____ Farmers No. _____ Donor None Energy _____
 Crops Coffee

Irrigation Water Demand Unit l/sec

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Year
0.0	16.4	22.6	6.5	16.6	12.3	11.8	1.2	13.9	38.1	33.2	16.3	

Water Permit
 Highflow _____ g/day
 Lowflow _____ g/day

No.84 Name Mutonyi Status Operation Area 2 ha Ref.No. on Map _____ District Code 110
 District Nairobi Division Kibera Location _____ Implement Agency _____
 Type of Project Irrigation Owner/Managed by A Farmer Start Operation _____ Cost _____
 Conveyance _____ Irrigation Overhead River Name Mbagathi Water supply by Pump
 method _____ Farmers No. 1 Donor None Energy _____
 Crops Horticulture

Irrigation Water Demand Unit l/sec

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Year
0.0	0.8	1.1	0.3	0.8	0.6	0.6	0.1	0.7	1.9	1.7	0.8	

Water Permit
 Highflow _____ g/day
 Lowflow _____ g/day

Inventory of Irrigation / Drainage Scheme

No.85 Name Muturi Status Operation Area 10 ha Ref.No. on Map _____ District Code 110
 District Nairobi Division Kibera Location _____ Implement Agency _____
 Type of Project Irrigation Owner/Managed by A Farmer Start Operation _____ Cost _____
 Conveyance Pipe Irrigation Overhead River Name Dam Water supply by Pump
 method _____
 Crops Horticulture Farmers No. 1 Donor None Energy _____

Irrigation Water Demand Unit l/sec

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Year
0.0	4.1	5.6	1.6	4.1	3.1	2.9	0.3	3.5	9.5	8.3	4.1	

Water Permit
 Highflow _____ g/day
 Lowflow _____ g/day

No.86 Name Mwandawiro Status Operation Area 10 ha Ref.No. on Map _____ District Code 110
 District Nairobi Division Kibera Location _____ Implement Agency _____
 Type of Project Irrigation Owner/Managed by A Farmer Start Operation _____ Cost _____
 Conveyance Pipe Irrigation Overhead River Name Dam Water supply by Pump
 method _____
 Crops Horticulture Farmers No. 1 Donor None Energy _____

Irrigation Water Demand Unit l/sec

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Year
0.0	4.1	5.6	1.6	4.1	3.1	2.9	0.3	3.5	9.5	8.3	4.1	

Water Permit
 Highflow _____ g/day
 Lowflow _____ g/day

No.87 Name Mwilogi Status Operation Area 8 ha Ref.No. on Map _____ District Code 110
 District Nairobi Division Pumwani Location _____ Implement Agency _____
 Type of Project Irrigation Owner/Managed by A Farmer Start Operation _____ Cost _____
 Conveyance Pipe Irrigation Overhead River Name Dam Water supply by Pump
 method _____
 Crops Horticultural & Coffee Farmers No. 1 Donor None Energy _____

Irrigation Water Demand Unit l/sec

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Year
0.0	3.3	4.5	1.3	3.3	2.5	2.4	0.2	2.8	7.6	6.6	3.3	

Water Permit
 Highflow _____ g/day
 Lowflow _____ g/day

No.88 Name Nairobiwest Area Status Operation Area 2 ha Ref.No. on Map _____ District Code 110
 District Nairobi Division Kibera Location _____ Implement Agency _____
 Type of Project Irrigation Owner/Managed by Private Start Operation _____ Cost _____
 Conveyance Pipe Irrigation Overhead River Name Dam Water supply by Pump
 method _____
 Crops Vegetables Farmers No. _____ Donor None Energy _____

Irrigation Water Demand Unit l/sec

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Year
0.0	0.8	1.1	0.3	0.8	0.6	0.6	0.1	0.7	1.9	1.7	0.8	

Water Permit
 Highflow _____ g/day
 Lowflow _____ g/day

No.89 Name Ng'Ang'A Kagumo Status Operation Area 4 ha Ref.No. on Map _____ District Code 110
 District Nairobi Division Pumwani Location _____ Implement Agency _____
 Type of Project Irrigation Owner/Managed by A Farmer Start Operation _____ Cost _____
 Conveyance Pipe Irrigation Overhead River Name _____ Water supply by Pump
 method _____
 Crops Brassica Tomatoes Farmers No. 1 Donor None Energy _____

Irrigation Water Demand Unit l/sec

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Year
0.0	1.6	2.3	0.6	1.7	1.2	1.2	0.1	1.4	3.8	3.3	1.6	

Water Permit
 Highflow _____ g/day
 Lowflow _____ g/day

No.90 Name Ngorue Status Operation Area 4 ha Ref.No. on Map _____ District Code 110
 District Nairobi Division Kibera Location _____ Implement Agency _____
 Type of Project Irrigation Owner/Managed by A Farmer Start Operation _____ Cost _____
 Conveyance Pipe Irrigation Overhead River Name Mbagathi Water supply by Pump
 method _____
 Crops Onions,Floriculture Farmers No. 1 Donor None Energy _____

Irrigation Water Demand Unit l/sec

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Year
0.0	1.6	2.3	0.6	1.7	1.2	1.2	0.1	1.4	3.8	3.3	1.6	

Water Permit
 Highflow _____ g/day
 Lowflow _____ g/day

Inventory of Irrigation / Drainage Scheme

No.91 Name Njoroge Komu Status Operation Area 0.8 ha Ref.No. on Map _____ District Code 110
 District Nairobi Division Dagoretti Location Kangemi Implement Agency _____
 Type of Project/Irrigation Irrigation Owner/Managed by A Farmer Start Operation _____ Cost _____
 Conveyance Pipe _____ Irrigation method Furrows River Name _____ Water supply by Gravity
 Crops Tomatoes,Brassica Farmers No. 1 Donor None Energy Diesel

Irrigation Water Demand Unit l/sec

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Year
0.0	0.3	0.5	0.1	0.3	0.2	0.2	0.0	0.3	0.8	0.7	0.3	

Water Permit _____
 Highflow _____ g/day
 Lowflow _____ g/day

No.92 Name Njoroge Komu Status Operation Area 1 ha Ref.No. on Map _____ District Code 110
 District Nairobi Division Pumwani Location _____ Implement Agency _____
 Type of Project/Irrigation Irrigation Owner/Managed by A Farmer Start Operation _____ Cost _____
 Conveyance Pipe _____ Irrigation method Overhead River Name _____ Water supply by Pump
 Crops Cabbages,Tomatoes,Kales Farmers No. 1 Donor None Energy _____

Irrigation Water Demand Unit l/sec

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Year
0.0	0.4	0.6	0.2	0.4	0.3	0.3	0.0	0.3	1.0	0.8	0.4	

Water Permit _____
 Highflow _____ g/day
 Lowflow _____ g/day

No.93 Name Njuguna Status Operation Area 0.8 ha Ref.No. on Map _____ District Code 110
 District Nairobi Division Pumwani Location _____ Implement Agency _____
 Type of Project/Irrigation Irrigation Owner/Managed by A Farmer Start Operation _____ Cost _____
 Conveyance Pipe _____ Irrigation method Overhead River Name _____ Water supply by Pump
 Crops Horticultural Crops Farmers No. _____ Donor None Energy _____

Irrigation Water Demand Unit l/sec

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Year
0.0	0.3	0.5	0.1	0.3	0.2	0.2	0.0	0.3	0.8	0.7	0.3	

Water Permit _____
 Highflow _____ g/day
 Lowflow _____ g/day

No.94 Name Nyachae Status Operation Area 1.6 ha Ref.No. on Map _____ District Code 110
 District Nairobi Division Pumwani Location U/Parklands Implement Agency _____
 Type of Project/Irrigation Irrigation Owner/Managed by A Farmer Start Operation _____ Cost _____
 Conveyance Pipe _____ Irrigation method Sprinkler/Hig River Name _____ Water supply by Gravity
 Crops Maize,Beans,Hort. Farmers No. 1 Donor None Energy Electricity

Irrigation Water Demand Unit l/sec

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Year
0.0	0.7	0.9	0.3	0.7	0.5	0.5	0.0	0.6	1.5	1.3	0.7	

Water Permit _____
 Highflow _____ g/day
 Lowflow _____ g/day

No.95 Name Nyamu Status Operation Area 8.8 ha Ref.No. on Map _____ District Code 110
 District Nairobi Division Kibera Location _____ Implement Agency _____
 Type of Project/Irrigation Irrigation Owner/Managed by A Farmer Start Operation _____ Cost _____
 Conveyance Pipe _____ Irrigation method Overhead River Name Mbagathi Water supply by Pump
 Crops Fodder,F/Beans Avocad Citr Farmers No. _____ Donor None Energy _____

Irrigation Water Demand Unit l/sec

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Year
0.0	3.6	5.0	1.4	3.6	2.7	2.6	0.3	3.1	8.4	7.3	3.6	

Water Permit _____
 Highflow _____ g/day
 Lowflow _____ g/day

No.96 Name Ochlang Status Operation Area 1.2 ha Ref.No. on Map _____ District Code 110
 District Nairobi Division Kibera Location _____ Implement Agency _____
 Type of Project/Irrigation Irrigation Owner/Managed by Private Start Operation _____ Cost _____
 Conveyance Pipe _____ Irrigation method Overhead River Name Mbagathi Water supply by Pump
 Crops Vegetables Farmers No. _____ Donor None Energy _____

Irrigation Water Demand Unit l/sec

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Year
0.0	0.5	0.7	0.2	0.5	0.4	0.4	0.0	0.4	1.1	1.0	0.5	

Water Permit _____
 Highflow _____ g/day
 Lowflow _____ g/day

Inventory of Irrigation / Drainage Scheme

No.97 Name P.Kamuyu Status Operation Area 2 ha Ref.No. on Map _____ District Code 110
 District Nairobi Division Dagoretti Location _____ Implement Agency _____
 Type of Project Irrigation Owner/Managed by A Farmer Start Operation _____ Cost N/A
 Conveyance Pipe Irrigation Overhead River Name _____ Water supply by Pump
 method _____
 Crops Brassica Tomatoes Farmers No. 1 Donor None Energy _____

Irrigation Water Demand Unit l/sec

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Year
0.0	0.8	1.1	0.3	0.8	0.6	0.6	0.1	0.7	1.9	1.7	0.8	

Water Permit
 Highflow N/A g/day
 Lowflow N/A g/day

No.98 Name Peter Kimani Status Operation Area 1.2 ha Ref.No. on Map _____ District Code 110
 District Nairobi Division Pumwani Location Loxe Pumwani Implement Agency _____
 Type of Project Irrigation Owner/Managed by A Farmer Start Operation _____ Cost 0
 Conveyance Pipe Irrigation Sprinkler/Irig River Name Mutundu Water supply by Gravity
 method _____
 Crops Potatoes Kales Caoscum Farmers No. 0 Donor None Energy Electricity

Irrigation Water Demand Unit l/sec

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Year
0.0	0.5	0.7	0.2	0.5	0.4	0.4	0.0	0.4	1.1	1.0	0.5	

Water Permit N/A
 Highflow N/A g/day
 Lowflow N/A g/day

No.99 Name Peter Ngugi Status Operation Area 0.5 ha Ref.No. on Map _____ District Code 110
 District Nairobi Division Kasarani Location _____ Implement Agency _____
 Type of Project Irrigation Owner/Managed by Private Start Operation _____ Cost _____
 Conveyance Channel Irrigation Furrows River Name _____ Water supply by _____
 method _____
 Crops Kales, Tomat, Bana, A/Roots Farmers No. _____ Donor None Energy _____

Irrigation Water Demand Unit l/sec

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Year
0.0	0.2	0.3	0.1	0.2	0.2	0.1	0.0	0.2	0.5	0.4	0.2	

Water Permit _____
 Highflow _____ g/day
 Lowflow _____ g/day

No.100 Name Peter Ngugi Status Operation Area 0.2 ha Ref.No. on Map _____ District Code 110
 District Nairobi Division Kasarani Location Kahawa North Implement Agency _____
 Type of Project Irrigation Owner/Managed by A Farmer Start Operation _____ Cost _____
 Conveyance _____ Irrigation Furrows River Name _____ Water supply by Gravity
 method _____
 Crops Vegetables Farmers No. 1 Donor None Energy _____

Irrigation Water Demand Unit l/sec

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Year
0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.0	

Water Permit _____
 Highflow _____ g/day
 Lowflow _____ g/day

No.101 Name Philip Kamuyu Status Operation Area 1.6 ha Ref.No. on Map _____ District Code 110
 District Nairobi Division Dagoretti Location Riruta Implement Agency _____
 Type of Project Irrigation Owner/Managed by A Farmer Start Operation _____ Cost _____
 Conveyance Pipe Irrigation Overhead River Name _____ Water supply by Gravity
 method _____
 Crops Tomatoes & Brassica Farmers No. 1 Donor None Energy Diesel

Irrigation Water Demand Unit l/sec

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Year
0.0	0.7	0.9	0.3	0.7	0.5	0.5	0.0	0.6	1.5	1.3	0.7	

Water Permit _____
 Highflow _____ g/day
 Lowflow _____ g/day

No.102 Name Punjabi Status Operation Area 25 ha Ref.No. on Map _____ District Code 110
 District Nairobi Division Makadara Location N/A Implement Agency _____
 Type of Project Irrigation Owner/Managed by N/A Start Operation _____ Cost _____
 Conveyance _____ Irrigation Overhead River Name N/A Water supply by Pump
 method _____
 Crops F/Beans, Anails & Cabbag. Farmers No. 2 Donor None Energy _____

Irrigation Water Demand Unit l/sec

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Year
0.0	10.2	14.1	4.1	10.4	7.7	7.4	0.7	8.7	23.8	20.7	10.2	

Water Permit _____
 Highflow _____ g/day
 Lowflow _____ g/day

Inventory of Irrigation / Drainage Scheme

No.103 Name Runda Farm Status Operation Area 119 ha Ref.No. on Map _____ District Code 110
 District Nairobi Division Pumwani Location _____ Implement Agency _____
 Type of Project Irrigation Owner/Managed by Private Start Operation _____ Cost _____
 Conveyance Pipe Irrigation Overhead River Name Dam Water supply by Pump
 method _____ Farmers No. _____ Donor None Energy _____
 Crops Coffee

Irrigation Water Demand												Unit l/sec	Water Permit			
JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Year	Highflow	g/day	Lowflow	g/day
0.0	48.7	67.1	19.3	49.3	36.7	35.1	3.6	41.3	113.3	98.7	48.4					

No.104 Name S.Mungai Status Operation Area 1 ha Ref.No. on Map _____ District Code 110
 District Nairobi Division Dagoretti Location _____ Implement Agency _____
 Type of Project Irrigation Owner/Managed by Private Start Operation _____ Cost N/A
 Conveyance Pipe Irrigation Overhead River Name _____ Water supply by Pump
 method _____ Farmers No. 1 Donor None Energy _____
 Crops Brassicas, Tomatoes/Beans

Irrigation Water Demand												Unit l/sec	Water Permit			
JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Year	Highflow	g/day	Lowflow	g/day
0.0	0.4	0.6	0.2	0.4	0.3	0.3	0.0	0.3	1.0	0.8	0.4		N/A		N/A	

No.105 Name Samwel Mungai Status Operation Area 0.8 ha Ref.No. on Map _____ District Code 110
 District Nairobi Division Dagoretti Location Ruthimitu Implement Agency _____
 Type of Project Irrigation Owner/Managed by Private Start Operation _____ Cost _____
 Conveyance _____ Irrigation Furrows River Name _____ Water supply by Gravity
 method _____ Farmers No. _____ Donor None Energy _____
 Crops French Beans

Irrigation Water Demand												Unit l/sec	Water Permit			
JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Year	Highflow	g/day	Lowflow	g/day
0.0	0.3	0.5	0.1	0.3	0.2	0.2	0.0	0.3	0.8	0.7	0.3					

No.106 Name Sewage Farmers Status Operation Area 50 ha Ref.No. on Map _____ District Code 110
 District Nairobi Division Makadara Location _____ Implement Agency _____
 Type of Project Irrigation Owner/Managed by Farmers Start Operation _____ Cost _____
 Conveyance _____ Irrigation Furrows River Name Sewage Water supply by _____
 method _____ Farmers No. 1000 Donor None Energy _____
 Crops Maiz, S/Cane, A/Roots, Hort.

Irrigation Water Demand												Unit l/sec	Water Permit			
JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Year	Highflow	g/day	Lowflow	g/day
0.0	20.5	28.2	8.1	20.7	15.4	14.7	1.5	17.4	47.6	41.5	20.3					

No.107 Name Shelimar Status Operation Area 130 ha Ref.No. on Map _____ District Code 110
 District Nairobi Division Makadara Location N/A Implement Agency _____
 Type of Project Irrigation Owner/Managed by Private Start Operation _____ Cost _____
 Conveyance _____ Irrigation Overhead River Name _____ Water supply by Pump
 method _____ Farmers No. _____ Donor None Energy _____
 Crops Flowers

Irrigation Water Demand												Unit l/sec	Water Permit			
JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Year	Highflow	g/day	Lowflow	g/day
0.0	53.2	73.3	21.1	53.9	40.1	38.3	3.9	45.1	123.8	107.8	52.9					

No.108 Name Southlands Area Status Operation Area 8 ha Ref.No. on Map _____ District Code 110
 District Nairobi Division Kibera Location _____ Implement Agency _____
 Type of Project Irrigation Owner/Managed by Private Start Operation _____ Cost _____
 Conveyance _____ Irrigation Furrow/Rucke River Name Sewage Water supply by Furrow
 method _____ Farmers No. _____ Donor None Energy _____
 Crops Maize Beans Vegt.

Irrigation Water Demand												Unit l/sec	Water Permit			
JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Year	Highflow	g/day	Lowflow	g/day
0.0	3.3	4.5	1.3	3.3	2.5	2.4	0.2	2.8	7.6	6.6	3.3					

Inventory of Irrigation / Drainage Scheme

No.109 Name St.Joseph Of Meru Status Operation Area 2 ha Ref.No. on Map _____ District Code 110
 District Nairobi Division Kibera Location _____ Implement Agency _____
 Type of Project Irrigation Owner/Managed by Private Start Operation _____ Cost _____
 Conveyance Pipe _____ Irrigation method Overhead River Name Mbagathi Water supply by Pump
 Crops Horticulture Farmers No. 1 Donor None Energy _____

Irrigation Water Demand												Unit l/sec	Water Permit	
JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Year	Highflow	g/day
0.0	0.8	1.1	0.3	0.8	0.6	0.6	0.1	0.7	1.9	1.7	0.8		Lowflow	g/day

No.110 Name Stephen Ngunjiri Status Operation Area 1.6 ha Ref.No. on Map _____ District Code 110
 District Nairobi Division Dagoretti Location Waihaka Implement Agency _____
 Type of Project Irrigation Owner/Managed by A Farmer Start Operation _____ Cost _____
 Conveyance Pipe _____ Irrigation method Overhead River Name _____ Water supply by Gravity
 Crops Tomatoes,Tubcrosea Farmers No. 1 Donor None Energy Diesel

Irrigation Water Demand												Unit l/sec	Water Permit	
JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Year	Highflow	g/day
0.0	0.7	0.9	0.3	0.7	0.5	0.5	0.0	0.6	1.5	1.3	0.7		Lowflow	g/day

No.111 Name Thigiri Status Operation Area 12 ha Ref.No. on Map _____ District Code 110
 District Nairobi Division Pumwani Location _____ Implement Agency _____
 Type of Project Irrigation Owner/Managed by A Farmer Start Operation _____ Cost _____
 Conveyance Pipe _____ Irrigation method Overhead River Name Dam Water supply by Pump
 Crops Horticultural Crops,Coffee Farmers No. 1 Donor None Energy _____

Irrigation Water Demand												Unit l/sec	Water Permit	
JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Year	Highflow	g/day
0.0	4.9	6.8	1.9	5.0	3.7	3.5	0.4	4.2	11.4	10.0	4.9		Lowflow	g/day

No.112 Name Thigiri Status Operation Area 16 ha Ref.No. on Map _____ District Code 110
 District Nairobi Division Pumwani Location U/Parklands Implement Agency _____
 Type of Project Irrigation Owner/Managed by Private Start Operation _____ Cost _____
 Conveyance Pipe _____ Irrigation method Sprinkler/Flg River Name _____ Water supply by Gravity
 Crops Kales,Tomato,Cabbages Farmers No. _____ Donor None Energy Electricity

Irrigation Water Demand												Unit l/sec	Water Permit	
JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Year	Highflow	g/day
0.0	6.5	9.0	2.6	6.6	4.9	4.7	0.5	5.6	15.2	13.3	6.5		Lowflow	g/day

No.113 Name Wainaina Status Operation Area 0.4 ha Ref.No. on Map _____ District Code 110
 District Nairobi Division Kasarani Location Kasarani Implement Agency _____
 Type of Project Irrigation Owner/Managed by Private Start Operation _____ Cost _____
 Conveyance Pipe _____ Irrigation method Horse/Pipe River Name Borehole Water supply by Pump
 Crops Vegetables Farmers No. _____ Donor None Energy _____

Irrigation Water Demand												Unit l/sec	Water Permit	
JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Year	Highflow	g/day
0.0	0.2	0.2	0.1	0.2	0.1	0.1	0.0	0.1	0.4	0.3	0.2		Lowflow	g/day

No.114 Name Wainaina Status Operation Area 1.6 ha Ref.No. on Map _____ District Code 110
 District Nairobi Division Kasarani Location Kahawa Implement Agency _____
 Type of Project Irrigation Owner/Managed by Private Start Operation _____ Cost _____
 Conveyance Pipe _____ Irrigation method Overhead River Name Quarry Well Water supply by _____
 Crops Hort.Maiz,Bananas Potato. Farmers No. 1 Donor None Energy _____

Irrigation Water Demand												Unit l/sec	Water Permit	
JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Year	Highflow	g/day
0.0	0.4	0.6	0.0	0.0	0.1	0.3	0.0	0.2	1.3	0.9	0.0		Lowflow	g/day

Inventory of Irrigation / Drainage Scheme

No.115 Name Wamal Status Operation Area 4 ha Ref.No. on Map _____ District Code 110
 District Nairobi Division Kibera Location _____ Implement Agency _____
 Type of Project Irrigation Owner/Managed by A Farmer Start Operation _____ Cost _____
 Conveyance Pipe _____ Irrigation method Overhead River Name Mbagathi Water supply by Pump
 Crops Horticulture Farmers No. 1 Donor None Energy _____

Irrigation Water Demand Unit Usec

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Year
0.0	1.6	2.3	0.6	1.7	1.2	1.2	0.1	1.4	3.8	3.3	1.6	

Water Permit
 Highflow _____ g/day
 Lowflow _____ g/day

No.116 Name Wangewa Status Operation Area 0.5 ha Ref.No. on Map _____ District Code 110
 District Nairobi Division Dagoretti Location _____ Implement Agency _____
 Type of Project Irrigation Owner/Managed by A Farmer Start Operation 0 Cost N/A
 Conveyance Pipe _____ Irrigation method Overhead River Name _____ Water supply by Pump
 Crops Brassica Tomatoes Farmers No. 1 Donor None Energy _____

Irrigation Water Demand Unit Usec

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Year
0.0	0.2	0.3	0.1	0.2	0.2	0.1	0.0	0.2	0.5	0.4	0.2	

Water Permit N/A
 Highflow N/A g/day
 Lowflow N/A g/day

No.117 Name Wanii Status Operation Area _____ ha Ref.No. on Map _____ District Code 110
 District Nairobi Division Pumwani Location U/Parklands Implement Agency _____
 Type of Project Irrigation Owner/Managed by Private Start Operation _____ Cost _____
 Conveyance Pipe _____ Irrigation method Sprinkler/Hig River Name _____ Water supply by Gravity
 Crops _____ Farmers No. _____ Donor None Energy Petrol

Irrigation Water Demand Unit

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Year
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	

Water Permit
 Highflow _____ g/day
 Lowflow _____ g/day

No.118 Name Wanjigi Status Operation Area 12 ha Ref.No. on Map _____ District Code 110
 District Nairobi Division Kibera Location _____ Implement Agency _____
 Type of Project Irrigation Owner/Managed by A Farmer Start Operation _____ Cost _____
 Conveyance Pipe _____ Irrigation method Overhead River Name Mbagathi Water supply by Pump
 Crops Horticulture Farmers No. 1 Donor None Energy _____

Irrigation Water Demand Unit Usec

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Year
0.0	4.9	6.8	1.9	5.0	3.7	3.5	0.4	4.2	11.4	10.0	4.9	

Water Permit
 Highflow _____ g/day
 Lowflow _____ g/day