



REPUBLIC OF KENYA
COUNTY GOVERNMENT OF NYANDARUA
DEPARTMENT OF WATER, ENVIRONMENT, TOURISM
AND NATURAL RESOURCES
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PROJECTS BRIEF FOR THE PERIOD 2017/2018 TO 2019/2020 FINANCIAL YEAR

1.0 BACKGROUND INFORMATION

Water is a scarce natural resource, but fundamental to human and animal life, livelihoods systems, food security and sustainable development. This is articulated in Article 43 of the Constitution which places water as a human right for the citizens of Kenya.

The Constitution further devolved water services to the County Governments thus transferring the responsibility of ensuring safe, clean and adequate water supply is provided by the County Governments.

Population in the county stood at 638,289 as at the last national population census of August, 2019. This comprised of 315,022 males and 323,247 females in 179,289 households. Even though the County is endowed with different water sources that include rivers, springs and underground aquifers, there are challenges in water provision.

The County Government of Nyandarua is committed to ensuring the realization of the constitutional requirement to 'the right to water' which can only be achieved if concerted efforts are put in place. Nevertheless, through the CIDP 2, Governors Manifesto and the collective commitment of water sector stakeholders, the County Government is determined to meet its obligations. This reports presents a brief summary of the achievements on the water sector for the period 2017/2018 to 2019/2020 financial year.

2.0 INTRODUCTION

The County Government of Nyandarua is a Government set up under Article 176 and 186 of the Constitution of Kenya 2010 as well as The County Governments Act 2012. Authority to manage natural resources of the County, including water is vested under Schedule 2 (4) of the Constitution of Kenya 2010.

The County covers an area of 3,245.2 Square Km lying between latitude 0°8'to the North and 0°50'to South and between 35° 13'East and 36°42'West. It is divided into five Sub-Counties namely: Ol'Kalou, Kinangop, Kipipiri, Ndaragwa and Ol'Joro Orok and further into twenty-five Wards. Kinangop is the biggest Sub-County with eight Wards. Kipipiri, Ol'Kalou and Ol'Joro Orok have four Wards each, whereas Ndaragwa has five Wards. The major urban centres in the County are Ol'Kalou, Njabini, Engineer and Mairo Inya. Other vibrant centres include Ndunyu Njeru, Miharati and Magumu.

3.0 PROJECT SUMMARY BRIEF PER WARD

3.1 MAGUMU WARD PROJECTS BRIEF

Table 3.1 summary of projects implemented in Magumu Ward

| Item | Project name | Activities | Source of funds | FY | Population served | Remarks |
|-------------|---------------------------------------|---|------------------------|-----------|--------------------------|--------------------------|
| 1 | Gitwe borehole Water project Gitwe | Test pumping, Equipping with solar powered pump, Panel house construction, Erection of tank platform, supply of 2x10m ³ storage tanks and laying distribution main | NCG | 2017-2018 | 2500 | Complete and operational |
| | | Supply of Pipes to Gitwe and Mutonyora B Water Projects | NCG | 2018-2019 | | |
| | | Purchase of pipes, fittings and laying the distribution networks | NCG | 2019-2020 | | |
| 2 | Mutonyora B borehole Water proejct | Supply and install 1No.10m ³ plastic storage tank, supply of pipes and fittings | NCG | 2017-2018 | 2000 | Complete and operational |

| | | | | | | |
|---|--|---|-----|-----------|-------|---|
| 3 | Mutonyora C borehole | Supply and install 1No.10m3 plastic storage tank, supply of pipes and fittings | NCG | 2017-2018 | 500 | Complete and Operational |
| 4 | St. Mary Mwenda andu borehole water project | Drilling of borehole | NCG | 2018-2019 | 1,000 | Borehole drilled at Government subsidized rated through NYS. Water consumed at borehole site. Require distribution main |
| | | Fencing and construction of Panel house | NCG | 2018-2019 | | |
| | | Equipping with solar pumping system | NCG | 2018-2019 | | |
| | | Water tower fabrication and installation of 2No 10m3 plastic tanks done | NCG | 2019-2020 | | |
| 5 | Supply of pipes-Bamboo dispensary, Magumu central, police line and usafi pipelines | supply and laying of pipes | NCG | 2018-2019 | 200 | Operational |
| 6 | Upper Gitwe borehole Water proejct | EIA, Hydro geological survey and WRA, Borehole drilling and test pumping | NCG | 2019-2020 | - | Borehole dry. Alternative site being investigated for new borehole |
| 7 | Soko Mpya borehole Water project | EIA, Hydro geological survey and WRA, Borehole drilling, test pumping and equipping | NCG | 2019-2020 | 1200 | Complete and Operational |
| 8 | Covid 19 campaign | Supply and installation of 1 No.10,000litres plastic tank and a smart meter | NCG | 2019-2020 | 200 | Complete |

3.2 NYAKIO WARD PROJECTS BRIEF

Table 3.2 summary of projects implemented in Nyakio Ward

| Item | Project name | Activities | Source of funds | FY | Population served | Remarks |
|------|----------------------------------|--|-----------------|-----------|-------------------|-------------------------------|
| 1 | Ndogonye borehole Water project | Test pumping, Equipping with solar powered pump, Panel house construction, Erection of tank platform, supply of 2x10m ³ storage tanks, Fencing and laying distribution main | NCG | 2017-2018 | 570 | Complete and operational |
| | | Construction of elevated water tower | NCG | 2017-2018 | | |
| | | Laying of distribution main | NCG | 2017-2018 | | |
| | | Fencing and construction of power house | NCG | 2017-2018 | | |
| | | supply of pipes | NCG | 2018-2019 | | |
| 2 | Wachira Karangatha borehole | Transformer installation, supply and laying of pipes | NCG | 2017-2018 | 0 | Transformer not yet installed |
| 3 | Yaang'a pipeline | Supply and laying of pipes | NCG | 2017-2018 | 100 | Complete |
| 4 | Rwanyambo borehole water project | Drilling of productive at Rwanyambo primary school | NCG | 2018-2019 | 2500 | Complete and Operational |
| | | Installation of solar powered system | NCG | 2018-2019 | | |
| | | Construction of power house construction and fencing | NCG | 2018-2019 | | |
| | | erection of tank tower, supply of 2x10m ³ storage plastic tanks | NCG | 2018-2019 | | |
| | | Laying of distribution main | NCG | 2019-2020 | | |
| 5 | Haraka borehole Water Project | Drilling and test pumping of Haraka borehole | NCG | 2019-2020 | 1800 | On going |
| | | erection of tank tower, supply of 2x10m ³ storage plastic tanks, power house | NCG | 2019-2020 | | |

| | | | | | | |
|---|-------------------|--|-----|-----------|------|----------|
| | | Supply and laying of pipes | NCG | 2019-2020 | | |
| | | Equipping with solar pumping system | NCG | 2019-2020 | | |
| 6 | Covid 19 campaign | Supply of pipes and fittings at Rwanyambo borehole | NCG | 2019-2020 | 2500 | Complete |

3.3 GITHABAI WARD PROJECTS BRIEF

Table 3.3 summary of projects implemented in Githabai Ward

| Item | Project name | Activities | Source of funds | FY | Population served | Remarks |
|------|---|---|-----------------|-----------|-------------------|---|
| 1 | Heni /Gwa senior borehole water project | Test pumping, supply of submersible pump, supply of 1No.10m ³ storage plastic tank and fencing | NCG | 2017-2018 | 250 | Complete |
| | | Installation of submersible pump and power connection, fencing 1/8 acre, construction of water kiosk, supply of solar panels and solar controller | NCG | 2017-2018 | 200 | Water consumed at borehole site. Require distribution main |
| 2 | Koinange shopping centre floodlight | Supply, delivery, and installation of 1No. 20M high mast floodlight | NCG | 2017-2018 | 300 | Complete |
| 3 | Githabai Boreholes | Supply of borehole Drilling Materials and casing materials | NCG | 2017-2018 | 100 | Complete |
| 4 | Miti iri borehole water project | Drilling of a productive borehole at Miti-iri | NCG | 2018-2019 | 100 | Operational. Water consumed at borehole site. Require distribution main |
| | | fencing, construction of power house and water kiosk construction | NCG | 2018-2019 | | |
| | | Erection of tank tower erection | NCG | 2018-2019 | | |
| | | installation of submersible pump and panels support structure | NCG | 2018-2019 | | |
| 5 | Koinange borehole | Installation of Solar panels platform and commissioning of solar system | NCG | 2018-2019 | 150 | Complete. Water consumed at borehole site. Require |

| | | | | | | |
|----|--|---|-----|-----------|-----|---|
| | | | | | | distribution main |
| 6 | Heni Town borehole | Test pumping, fencing, power house and water kiosk construction | NCG | 2018-2019 | 0 | Borehole not yet drilled |
| 7 | Koinange dispensary pipeline | Laying of pipes | NCG | 2018-2019 | 100 | Operational |
| 8 | Phase 2 borehole | EIA, Hydro geological survey and WRA, Drilling, Pump testing Fencing, water kiosk and power house construction, erection of water tower, supply of 2x10m ³ storage plastic tanks, submersible pump installation and electrification | NCG | 2019-2020 | 0 | On going |
| 9 | Ndothua borehole Water Project | Drilling of a productive borehole | NCG | 2018-2019 | 0 | Complete, awaiting Transformer installation by KPLC |
| | | Fencing, construction of water kiosk and control panel house construction | NCG | 2019-2020 | 0 | |
| | | Erection of water tower | NCG | 2019-2020 | 0 | |
| | | Installation of submersible pump and electrification | NCG | | | |
| 10 | Heni Gwa senior Borehole Water proejct | Drilling of a production borehole | NCG | 2017-2018 | 250 | Complete and Operational |
| | | Construction of Control panel house and water kiosks | NCG | 2019-2020 | | |
| | | Erection of water tower, supply of 1No.10m ³ storage plastic tank | NCG | 2019-2020 | | |
| | | Installation submersible pump installation | NCG | 2019-2020 | | |
| | | Installation of solar pimping system | NCG | 2019-2020 | | |
| | | Laying of distribution pipeline | NCG | 2019-2020 | | |
| 11 | Heni Town borehole | Drilling, Pump testing, Erection of water tower. | NCG | 2019-2020 | 0 | Borehole not yet drilled |

3.4 NJABINI/KIBURU WARD PROJECTS BRIEF

Table 3.4 summary of projects implemented in Njabini/Kiburu Ward

| Item | Project name | Activities | Source of funds | FY | Population served | Remarks |
|------|---|--|-----------------|-----------|---|--|
| 1 | Soilo borehole Water Project | construction of control panel house | NCG | 2017/2018 | To Serve 1500 once connected with power | Complete. Awaiting Transformer replacement by KPLC |
| | | Erection of tank platform and supply of 2x10m ³ storage plastic tanks | NCG | 2017/2018 | | |
| | | Fencing and distribution main | NCG | 2018/2019 | | |
| | | Installation of Submersible pump | NCG | 2018/2019 | | |
| | | Burst repair and pipeline rehabilitation | NCG | 2018/2019 | | |
| 2 | Soilo Ngwataniro /Churiri water project line/Upper Chania WSP | Supply, trenching and laying of pipes and fittings | NCG | 2017/2018 | 10,000 | Operational |
| 3 | Kiburu water project | supply of pipes | NCG | 2018/2019 | 3000 | Operational |
| 4 | Upper Chania Water Project-Kinamba Water | Supply of pipes and laying | NCG | 2018/2019 | 1500 | Operational |
| 5 | Nyondo weir | Rehabilitation | NCG | 2018/2019 | 300 | Operational |
| 6 | Karuang'i water project | Supply of pipes and laying | NCG | 2019-2020 | 3000 | Operational |
| 7 | Korobois borehole water project | Drilling, of production borehole | NCG | 2019/2020 | To serve 1500 once completed | On going |
| | | Installation of solar powered pumping system, | NCG | 2019/2020 | | |
| | | Fencing and power house construction | NCG | 2019/2020 | | |
| 10 | Kanyawa Borehole | Equipping with solar powered submersible pump, | NCG | 2019/2020 | 50 | Operational |

3.5 GATHARA WARD PROJECTS

Table 3.5 summary of projects implemented in Gathara Ward

| Item | Project name | Activity | Source of funds | Financial Year | Population served | Remarks |
|------|---|---|-----------------|----------------|-------------------|-------------------|
| 1 | Laigiri water project | Construction of 100M ³ masonry storage tank | NCG | 2017/2018 | 800 | Operational |
| 2 | Kinja water project | Construction of 100M ³ masonry storage tank | NCG | 2017/2018 | 750 | Operational |
| 3 | Engineer water project | Desilting and repair of kinja intake | NCG | 2017/2018 | 12,000 | Operational |
| 4 | Tulaga ngwataniro water project | Supply delivery trenching and pipe laying | NCG | 2017/2018 | 1,800 | Operational |
| | | Laying of Distribution pipeline | NCG | 2018/2019 | | |
| | | Construction of 100M ³ masonry storage tank | NCG | 2018/2019 | | |
| 5 | Chuma intake works | Sealing and distilling of the weir | NCG | 2018/2019 | 400 | Operational |
| 6 | Mutamaiyu w/project | Gravity main PIPELINE | NCG | 2018/2019 | 400 | Operational |
| 7 | Njabini Ngwataniro water project | Construction of 100m ³ masonry tank. And supply of pipes | NCG | 2019/2020 | 1800 | Operational |
| 8 | Supply of plastic tanks to vulnerable communities | Supply of 400 no, 500ltrs capacity plastic tanks | NCG | 2019/2020 | 400 | Tanks distributed |
| 9 | Tulaga Muruaki intake expansion | Expansion and desilting of the intake. | NCG | 2019/2020 | 2400 | Operational |

3.6 ENGINEER WARD PROJECTS

Table 3.6 summary of projects implemented in Engineer Ward

| Item | Project name | Activity | Source of funds | Financial Year | Population served | Remarks |
|------|---|--|-----------------|----------------|------------------------------|--------------------------|
| 1 | St. Mary Matundura Borehole water project | Installation of solar water pumping system | NCG | 2017/2018 | 1,200 | Complete and operational |
| | | Fencing of Matundura Borehole | NCG | 2017/2018 | | |
| 2 | Engineer town water project | Muti-ini Supply, delivery and installation of elevated platform, supply of 2 No 10m ³ plastic double layer tanks. | NCG | 2017/2018 | 1400 | Operational |
| | | Muti-ini Supply, delivery trenching and pipe laying. | NCG | 2017/2018 | | |
| | | Muti-ini Supply, delivery and installation of elevated platform, supply of 2 No 10m ³ plastic double layer tanks | NCG | 2018/2019 | | |
| | | Distribution Pipeline from Deaf school through J30 road to Beverly school | NCG | 2018/2019 | 3000 | Operational |
| 3 | Faru borehole water project | Installation of electrical pumping set | NCG | 2017/2018 | 600 | Operational |
| | | Supply and installation of solar water pumping system | NCG | 2019/2020 | | |
| 4 | Raitha Kahuru w/project | Gravity main pipeline | NCG | 2018/2019 | To serve 2400 once completed | Phased project |

| | | | | | | |
|---|-------------------------------|---|-----|-----------|------|-------------|
| 5 | Raitha Kahuru w/project | Laying of gravity main pipeline to Kaimba hill masonry tank | NCG | 2018/2019 | | |
| 6 | Mbirithi Water project | Distribution main | NCG | 2018/2019 | 1200 | Operational |
| 7 | Tulanga Muruaki Water project | Supply and delivery of pipes and fittings | NCG | 2019/2020 | 600 | Operational |
| 8 | Weru water project | Laying of distribution main at Gachichio | NCG | 2019/2020 | 1200 | Operational |

3.7 NORTH KINANGOP WARD PROJECTS

Table 3.7 summary of projects implemented in North Kinangop Ward

| Item | Project name | Activity | Source of funds | Financial Year | Population served | Remarks |
|------|-------------------------|--|-----------------|----------------|-------------------|--------------------|
| 1 | Gatamaiyu water project | Supply delivery and pipe laying of gravity mains | NCG | 2017/2018 | 400 | Operational |
| 2 | Kamiigua water project | Supply delivery and pipe laying of gravity mains | NCG | 2017/2018 | 1200 | Operational |
| 3 | Highland water project | Supply delivery and pipe laying of gravity mains | NCG | 2017/2018 | 500 | Operational |
| 4 | Tia Wira Water Project | Construction of intake weir and gravity main | NCG | 2018/2019 | 1800 | Operational |
| | | Drilling of a productive borehole at Kambi mbao | NCG | 2018/2019 | | Awaiting equipping |
| | | Construction of an elevated water tower with 2No plastic tanks at Kambi Mbao | NCG | 2019/2020 | | complete |
| | | Supply and installation of submersible pump at kambi Mbao borehole | NCG | 2019/2020 | | ongoing |

| | | | | | | |
|---|-------------------------------------|--|-----|-----------|-------|-------------------|
| 5 | Umoja Githae water project | Construction of intake and supply of pipes | NCG | 2018/2019 | 1,500 | complete |
| | | Construction of elevated steel tank tower | NCG | 2019/2020 | 1500 | Complete |
| 6 | KIKANAMUKU water supply Association | Supply and delivery of pipes and fittings to KIKANAMUKU A pipeline | NCG | 2019/2020 | 3000 | Operational |
| | | Supply of pipes and fittings to KIKANAMUKU B pipeline | NCG | 2019/2020 | 2000 | Operational |
| 9 | North Kinangop Ward supply of tanks | Supply of 167No 500Lit plastic tanks to vulnerable communities | NCG | 2019/2020 | 167 | Tanks distributed |

3.8 MURUNGARU WARD PROJECTS

Table 3.8 summary of projects implemented in Murungaru Ward

| Item | Project name | Activity | Source of funds | Financial Year | Population served | Remarks |
|------|------------------|--|-----------------|----------------|-------------------|-------------|
| 1 | 3M Water Project | Construction of 100M3 masonry storage tank supply delivery and pipe laying at Mikaro | NCG | 2017/2018 | 800 | Operational |
| | | Construction of 100M3 masonry storage tank at Githari | NCG | 2017/2018 | 800 | Operational |
| | | Supply and delivery of pipes and fittings. | NCG | 2019/2010 | 1200 | Operational |
| | | Construction of 100m3 masonry storage tank at Kahuhu(Wangithuri) | NCG | 2018/2019 | 1200 | Operational |

| | | | | | | |
|---|--|---|-----|-----------|------|----------------|
| 3 | Muhonia Turasha water project | Supply delivery and pipe laying | NCG | 2017/2018 | 1000 | Operational |
| | | Supply and delivery of pipes and fittings. | NCG | 2019/2020 | 2500 | Operational |
| | | Emergrncy works for replacement of GI pipes and construction of concrete pillars. | NCG | 2019/2020 | 300 | complete |
| 4 | Kagongo Njururi Borehole Water Project | Supply delivery and laying of raising main pipeline | NCG | 2017/2018 | 200 | Phased project |
| | | Supply delivery and laying of raising main pipeline | NCG | 2018/2019 | 200 | Phased project |
| 5 | Arthur Dam Water Project | Desilting of the dam and embankment repair | NCG | 2018/2019 | 700 | Operational |

3.9 WANJOHI WARD PROJECTS

Table 3.9 summary of projects implemented in Wanjohi Ward

| Item | Project name | Activities | Source of funds | Financial tear | Population served | Remarks |
|------|------------------------------------|--|-----------------|----------------|-------------------|----------|
| 1 | Rironi Borehole water project | Borehole drilling and equipping | NCG | 2019/2020 | To serve 2000 | ongoing |
| 2 | Gatondo Water Project | Test pumping, construction of 100m ³ tank and pipe laying | NCG | 2019/2020 | To serve 1500 | ongoing |
| 3 | Gaturufari water project in-take | Supply of intake construction materials | NCG | 2019/2020 | To serve 350 | ongoing |
| 4 | Kipipiri integrated Water Project- | Rehabilitation of ndemi line, supply and laying of extension lines at ndiara and bara inya | NCG | 2019/2020 | 500 | complete |

| | | | | | | |
|----|-------------------------------------|--|-----|-----------|---------------|----------------|
| 5 | Gatei Water project | Supply of pipes for extension | NCG | 2019/2020 | 1500 | complete |
| 6 | Kega irrigation water project | supply and delivery of pipes for distribution | NCG | 2019/2020 | 600 | ongoing |
| 7 | Wanjohi girls water project | Supply and laying of pipes | NCG | 2019/2020 | To serve 500 | Ongoing |
| 8 | Kirima WP | Supply and delivery of Pipes for extension | NCG | 2018/2019 | 1500 | complete |
| 9 | Muthangira w/p. | Supply and laying of pipes | NCG | 2018/2019 | 3000 | ongoing |
| 10 | Ndemi/kahoro borehole water project | Rehabilitation of Ndemi/kahoro borehole | NCG | 2018/2019 | To serve 600 | ongoing |
| 11 | Magomano WP | Supply and lying of pipes | NCG | 2018/2019 | To serve 3500 | ongoing |
| 12 | Gaturufari water project | supply and delivery of pipes | NCG | 2018/2019 | 400 | Phased project |
| 13 | Kega Irrigation project | supply and laying of pipes | NCG | 2018/2019 | To serve 3000 | ongoing |
| 14 | Various projects in wanjohi ward | supply of pipes and plastic tanks for various projects | NCG | 2017/2018 | 3000 | Complete |
| 15 | kangiri water project | Construction of 100m ³ masonry tank | NCG | 2017/2018 | 600 | Complete |
| 16 | karima water project | Construction of 100m ³ masonry tank | NCG | 2017/2018 | 500 | Complete |

3.10 GITHIORO WARD PROJECTS

Table 3.10 summary of projects implemented in Githioro Ward

| Item | Project name | Activities | Source of funds | Financial tear | Population served | Remarks |
|------|--|--|-----------------|----------------|---|----------|
| 1 | mawingu Water Project | supply of pipes for extension | NCG | 2019-2020 | 500 | complete |
| | | Rehabilitation and expansion of Canadian intake | NCG | 2019-2020 | 2000 | complete |
| 2 | Gathiriga w/p | Supply and delivery of pipes and fittings | NCG | 2019-2020 | To serve 500 | ongoing |
| 4 | Muhonia Turasha Water Project | Supply and laying of pipes | NCG | 2019-2020 | 3000 | ongoing |
| | | Construction of 225m ³ masonry tank | NCG | 2017-2018 | To serve over 5000 people once connected to turasha b/h | Ongoing |
| 5 | Plastic tanks for ECDs | Supply of Plastic tanks for ECDs | NCG | 2019-2020 | 6 ecds | complete |
| 6 | Water tanks for elderly and vulnerable | Supply of water 210lts plastic tanks for the elderly and vulnerable | NCG | 2019-2020 | 570 | complete |
| 2 | Kimbo Water Project | Construction of 100m ³ masonry tank at | NCG | 2018-2019 | To serve 2000 | Ongoing |
| | | Supply and delivery of pipes | NCG | 2018-2019 | To serve 2000 | ongoing |
| 3 | 3M water project | Construction of 100m ³ masonry storage tank and supply of pipes and fittings. | NCG | 2018-2019 | 3000 | complete |
| 5 | Mawingo water project | Construction of 100m ³ masonry tank at soweto | NCG | 2017-2018 | 1500 | complete |
| | | Dredging of Canadian intake , supply and laying of pipes | NCG | 2017-2018 | 1500 | complete |
| | | supply and delivery of pipes | NCG | 2018-2019 | 2000 | complete |
| | Gathiriga water project | Supply of pipes and fittings for githioro | NCG | 2017-2018 | To serve 500 people when complete | ongoing |

3.11 GETA WARD PROJECTS

Table 3.11 Summary of projects implemented in Geta Ward

| Item | Project name | Activities | Source of funds | Financial year | Population served | Remarks |
|------|--|--|-----------------|----------------|-------------------|----------|
| 1 | Kiaibabu common intake | Construction of intake | NCG | 2019/20 FY | 350 | ongoing |
| 2 | Supply of 6 tanks to ECDE schools | Supply of 5,000lts plastic water storage tanks | NCG | 2019/20 FY | 6 ECDs | complete |
| 3 | Iganjo water project | Supply of water extension pipes | NCG | 2019/20 FY | 200 | complete |
| 4 | Mihato water project | Supply of water extension pipes | NCG | 2019/20 FY | 400 | complete |
| 5 | Kanyiriri water project | Supply of water extension pipes | NCG | 2019/20 FY | 400 | ongoing |
| 6 | Marimu water project | Supply of water extension pipes | NCG | 2019/20 FY | 300 | complete |
| 7 | Kariua Water project | Supply of water extension pipes | NCG | 2019/20 FY | 300 | ongoing |
| 8 | Kagongo water project | Supply of water extension pipes | NCG | 2019/20 FY | 350 | complete |
| 9 | LPG cylinders | Supply of 6kg cooking gas cylinders complete with gas, burner and grill | NCG | 2019/20 FY | 900 families | complete |
| 10 | kanjangiri water project | Supply of water extension pipes | NCG | 2019/20 FY | 200 | Ongoing |
| 11 | kanjangiri water project | Construction of 50m ³ masonry tank | NCG | 2019/20 FY | 200 | ongoing |
| 12 | Mubiriti common intake | Construction of common intake | NCG | 2019/20 FY | 600 | ongoing |
| 13 | Covid Campaign | Supply and installation of 10,000litres storage tank | NCG | 2019-2020 | 200 | ongoing |
| 14 | Mugitiri water project intake and supply of 6 x 5000l plastic water tank | Installation of intake grill and supply of 5000lts plastic tanks to ECDs | NCG | 2018/19 FY | 6 ECDs | complete |
| 15 | Makumbi water project | Construction of 100m ³ masonry tank | NCG | 2018/19 FY | 500 | Complete |
| 16 | Waiyego water project | Construction of 50m ³ masonry tank | NCG | 2018/19 FY | 350 | Complete |

| | | | | | | |
|----|--|---|-----|------------|--------------|----------|
| 17 | Witeithi, mibiriti, kona and geta lower town water projects | Supply of pipes and fittings for extension | NCG | 2018/19 FY | 3000 | Complete |
| 18 | LPG cylinders | Supply of 6kg cooking gas cylinders complete with gas, burner and grill | NCG | 2018/19 FY | 600 families | complete |
| 19 | Kariua water project | Supply of pipes and fittings for extension | NCG | 2018/19 FY | 300 | ongoing |
| 20 | Mikeu water project | Construction of 100m ³ masonry tank | NCG | 2017/2018 | 400 | complete |
| 21 | Kiambogo water project | Construction of 100m ³ masonry tank | NCG | 2017/2018 | 500 | complete |
| 22 | Witeithie water project | Construction of intake | NCG | 2017/2018 | 300 | Complete |
| 23 | supply of pipes, fittings and plastic tanks for various water projects | supply of pipes, fittings and plastic tanks for various water projects | NCG | 2017/2018 | 3000 | complete |

3.12 KIPIPIRI WARD PROJECTS

Table 3.12 Summary of projects implemented in Kipipiri Ward

| Item | Project name | Activities | Source of funds | Financial tear | Population served | Remarks |
|------|---|---|-----------------|----------------|-------------------|----------|
| 1 | Bondeni water project | Construction of 50m ³ masonry tank | NCG | 2019/2020 | 300 | Complete |
| 2 | Kipipiri Water Project - | supply and delivery of pipes for kipippri w/p distribution | NCG | 2019/2020 | 150 | Complete |
| 3 | Kipipiri Lereshwa Water Project - | Supply and laying of pipes and one 10000lts plastic tank | NCG | 2019/2020 | 500 | Complete |
| 4 | Machinery Lereshwa line | rehabilitation of machinery lereshwa line | NCG | 2019/2020 | 2000 | Complete |
| 5 | Supply and Delivery of 500L Water Tanks | Supply and delivery of plastic tanks for water storage for the elderly and vulnerable | NCG | 2019/2020 | 180 | Complete |

| | | | | | | |
|---|--------------------------------|---|-----|-----------|---------------|---|
| 6 | Manunga Borehole Water project | Drilling of Manunga Borehole | NCG | 2017/2018 | To serve 3000 | Borehole drilled |
| | | supply and installation of solar panels and pipes for equipping manunga b/h and rising main | NCG | 2018/2019 | To serve 3000 | Complete |
| | | manunga b/h water project supply and installation of pump controls and drop pipes | NCG | 2018/2019 | To serve 3000 | complete |
| | | Repair of 50m ³ ,100m ³ tanks and supply and lying of pipes | NCG | 2018/2019 | To serve 3000 | Ongoing |
| | | Manunga borehole construction of control panel house and fencing | NCG | 2018/2019 | To serve 3000 | Complete |
| | | Manunga borehole sitting, drilling, casing and gravel packing | NCG | 2017/2018 | To serve 3000 | Complete |
| 7 | Kabati water project | Kabati borehole sitting, drilling, casing and gravel packing | NCG | 2017/2018 | - | Borehole collapsed and site moved to kaborithi |
| 8 | Kamahia water project | supply and delivery of pipes and fittings for konoike off take points | NCG | 2017/2018 | 150 | complete |
| 9 | China borehole water project | development of china borehole water project in kipipiri ward | NCG | 2017/2018 | 200 | Complete- currently dependent on china b/h which is managed by miharati secondary |

3.13 KARAU WARD PROJECTS

Table 3.13 Summary of projects implemented in Karau Ward

| ITEM | PROJECT NAME | ACTIVITY | SOURCE OF FUNDS | FINANCIAL YEAR | POPULATION SERVED | REMARKS |
|------|--|---|-----------------|----------------|-------------------|-------------|
| 1 | KARAU – Kirima-ini Dam Desilting & rehabilitation | Desilting & rehabilitation | NCG | 2017/2018 | 1000 | operational |
| 3 | Karau- Kahuho borehole w/p | Supply and install borehole solar powered submersible pump, solar panels, panels support structure and solar controller for Kahuho borehole | NCG | 2017/2018 | 800 | operational |
| 3 | Munyeki Borehole Water Project | Drilling of borehole at Munyeki | NCG | 2018/2019 | 1500 | complete |
| | | Installation of solar powered pump for Munyeki B/H | NCG | 2018/2019 | | Complete |
| | | Construction of water tower and installation of 2No. 10m ³ plastic tanks for Munyeki B/H | NCG | 2018/2019 | | operational |
| | | Site fencing, construction of power house and supply and laying of distribution mains for Munyeki B/H | NCG | 2018/2019 | | operational |
| | Kianda borehole-drilling, submersible pump and solar panels. | Supply and installation of submersible pump, erection of solar support structure and fixing the solar panels | | 2019/2020 | 400 | operational |
| | Muiri borehole | Muiri borehole distribution | | 2019/2020 | 600 | operational |

3.14 Kaimbaga WARD PROJECTS

Table 3.14 Summary of projects implemented in Kaimbaga Ward

| ITEM | PROJECT NAME | ACTIVITY | SOURCE OF FUNDS | FINANCIAL YEAR | POPULATION SERVED | REMARKS |
|------|--|--|-----------------|----------------|-------------------|-------------|
| 1 | Mumbi Borehole water project | Solar powered submersible pump, solar panels, panels support structures and solar controller at Mumbi borehole kes 4m)pipe laying (725000) | NCG | 2017/2018 | 1,000 1 | operational |
| | | Fabricate and erect Mumbi borehole tanks tower | NCG | 2017/2018 | | operational |
| | | Construction of 1.5m*1.5m*2.3m high façade and 2.15m high back elevated control panel at Mumbi borehole | NCG | 2017/2018 | | operational |
| | | Installation of 2No. 10m3 plastic tanks for Mumbi B/H | NCG | 2018/2019 | | OPERATIONAL |
| 2 | Bahati primary school Borehole water project | KAIMBAGA - Bahati primary school 1No. 10m3 tank and suitable base | NCG | 2017/2018 | 1500 | operational |
| | | Supply & Install Solar Powered submersible pump, solar panels, panel support structure and solar controller at Bahati borehole | NCG | 2017/2018 | | operational |

| | | | | | | |
|---|---------------------------------|--|-----|-----------|------|-------------|
| | | Erect Tank Platform, supply 2No 10m3 plastic water tank and pipe connection in Bahati Borehole | NCG | 2017/2018 | | operational |
| | | Construct 1.5m*1.5m*2.3m high façade and 2.15m high back elevated control panel house in Bahati borehole | NCG | 2017/2018 | | operational |
| | | Laying of rising mains in Bahati Borehole | NCG | 2017/2018 | | operational |
| | | Supply and delivery of pipes and fittings for Bahati borehole water project | NCG | 2017/2018 | | operational |
| 3 | county headquarters | Fabrication and erection of county headquarters elevated tanks tower and plastic tanks | NCG | 2017/2018 | | operational |
| 4 | Kihurure Borehole water project | Kihurure Borehole drilling | NCG | 2017/2018 | 1500 | complete |
| | | Fabrication and erection of water tower and plastic tanks | NCG | 2018/2019 | | Complete |
| | | Supply and installation of solar powered pump and solar system for Kihurire B/H | NCG | 2018/2019 | | Ongoing |
| | | Fencing and construction of power house | NCG | 2018/2019 | | ongoing |

| | | | | | | |
|---|---------------------------------|---|-----|--------------|---------|------------------|
| | | for Kihurure B/H | | | | |
| 5 | Gichungo Borehole Water project | Drilling of productive borehole at Gichungo | NCG | 2019/2020 | 1000 | Borehole drilled |
| | | installation of 2No. 10m3 plastic tanks and fencing for Gichungo water tower | NCG | 2018/2019 fy | | Ongoing |
| 6 | Rumathi Borehole Water Project | Drilling of a productive borehole at Rumathi | NCG | 2018/2019 | 1500 | Borehole drilled |
| | | Supply and installation of solar powered pump and solar system for Rumathi B/H | NCG | 2018/2019 fy | | complete |
| | | installation of 2No. 10m3 plastic tanks for Rumathi B/H | NCG | 2018/2019 fy | Ongoing | |
| 7 | Kieni Borehole Water Project | Drilling of Kieni Borehole | NCG | 2018/2019 | 1000 | Borehole drilled |
| | | Construction of water tower and installation of 2No. 10m3 plastic tanks Kieni B/H | NCG | 2018/2019 fy | | Ongoing |
| | | Fencing and construction of control panel hious | NCG | 2018/2019 | | Ongoing |
| 8 | Kamande Borehole water project | Drilling of a productive borehole | NCG | 2019/2020 | 1000 | Borehole drilled |

| | | | | | | |
|----|----------------------------------|---|-----|-----------|------|-------------------|
| 9 | Mwireri b/h | Drilling of a production borehole | NCG | 2019/2020 | 1000 | Borehole drilled |
| 10 | Development of Olkalou Arboretum | Fencing of the arboretum | NCG | 2017-2018 | | Tourism promotion |
| | | Construction of event ground and landscaping | NCG | 2019-2020 | | |
| | | Construction of Gate and cabros | NCG | 2019-2020 | | Ongoing |
| | | Construction of water tower | NCG | 2019-2020 | | Complete |
| | | Planting of live fence and installation of drip irrigation system | NCG | 2019-2020 | | Ongoing |

3.15 RURII WARD PROJECTS

Table 3.15 Summary of projects implemented in Rurii Ward

| ITEM | PROJECT NAME | ACTIVITY | SOURCE OF FUNDS | FINANCIAL YEAR | POPULATION SERVED | REMARKS |
|------|-----------------------------------|---|-----------------|----------------|-------------------|-------------|
| 1 | Githunguri borehole Water Project | Laying of rising main pipeline & distribution pipelines in Githunguri borehole | NCG | 2017/2018 | 1500 | operational |
| | | Procure 2No 10M3 plastic tank & construct suitable base at Githunguri Primary | NCG | 2017/2018 | | operational |
| | | Installation of Submersible pump in Githunguri B/H | NCG | 2018/2019 fy | | operational |
| | | Construction of elevated water tower and installation of 2No. 10m3 water tanks for Githunguri B/H | NCG | 2018/2019 fy | | operational |

| | | | | | | |
|---|---|--|-----|-----------------|------|-------------|
| | | Supply and laying of rising main for Githunguri B/H | NCG | 2018/2019 fy | | operational |
| | | Supply and laying of distribution pipeline | NCG | 2019/2020 | | Operational |
| 2 | Mugathika Borehole Water Project | Construction 1.5m*1.5m*2.3m high façade and 2.15m high back elevated control panel house in Mugathika Borehole | NCG | 2017/2018 | 2000 | operational |
| | | Supply and installation of solar powered pump, solar oannels, panel support structure and solar controller at Mugathika borehole | NCG | 2017/2018 | | operational |
| | | Erect tank platform , plastic tanks& fix intake & outlet pipes in Mugathika borehole | NCG | 2017/2018 | | operational |
| 3 | Bosnia borehole piping | Supply of pipes, trenching, laying and backfilling of pipes | NCG | 2019/2020 | | complete |
| | Maran water project tank water tower supply and installation of pipes | Construction of water tower, supply of pipes, trenching, laying and backfilling of pipes | NCG | 2019/2020 | 2500 | operational |

3.16 MIRANGINE WARD PROJECTS

Table 3.17 Summary of projects implemented in Mirangine Ward

| Item | Project name | Activities | Source of funds | Financial Year | Population served | Remarks |
|-------------|----------------------------------|--------------------------------|------------------------|-----------------------|--------------------------|----------------|
| 1 | Micharage borehole water Project | Supplying and laying of pipes. | NCG | 2019-2020 | 300 | operational |
| | | Supply and laying of pipes | NCG | 2018 - 2019 | 500 | Complete |

| | | | | | | |
|---|-----------------------------------|--|-----|-------------|-------|-----------------------|
| | | Installation of submersible pumps and draw pipes Construction of solar support structure and installation of solar panels Pipe laying of raising main | NCG | 2017 - 2018 | 500 | Complete |
| 2 | Kamuchege borehole water project. | Construction of raised tank platform. Installation of 2No. 10m ³ plastic tank. | NCG | 2019-2020 | 1,500 | operational |
| 3 | Mwarango Dam | Desilting of the dam | NCG | 2019-2020 | 300 | Ongoing |
| 4 | Kihuhu borehole Water project | Supplying and laying of pipes for distribution network | NCG | 2019-2020 | 300 | ongoing |
| | | Supply and laying of pipes. | NCG | 2019-2020 | 500 | Complete |
| | | Drilling of the borehole Installation of submersible pumps and draw pipes Construction of solar support structure and installation of solar panels Pipe laying of raising main Tank platform construction and 2No plastic tank | NCG | 2018 - 2019 | 800 | Complete |
| 5 | Gwa- Kiongo water project | Supply and laying of pipes. | NCG | 2019-2020 | 500 | complete |
| | | Supply and laying of pipes for distribution network Fencing ,Improvement of treatment works. | NCG | 2017 - 2018 | 500 | Complete |
| | | Fencing of the dam area | NCG | 2018 - 2019 | 500 | Complete |
| 6 | Makara water project | Construction of intake weir | NCG | 2017 - 2018 | 600 | Awaiting KFS approval |
| 7 | Mumui water project | Laying of distribution network | NCG | 2019 - 2020 | 500 | Complete |

| | | | | | | |
|---|-----------------|--|-----|-------------|-----|----------|
| 8 | Highwood w | Construcion of masonry tank Pipe laying | | 2019 - 2020 | 500 | Complete |
| 9 | Makara borehole | Drilling of the borehole | NCG | 2018 - 2019 | 300 | Complete |

3.17 KANJUIRI WARD PROJECTS

Table 3.17 Summary of projects implemented in Kanjuiri Ward

| Item | Project name | Activities | Source of funds | Financial Year | Population served | Remarks |
|------|------------------------------------|---|-----------------|----------------|-------------------|----------------------|
| 1 | Wiyumiririe borehole water project | Supply and laying of pipes. | NCG | 2019-2020 | 400 | Complete |
| | | Construction of a raised tank platform Supply and installation of 2 No 10m ³ plastic tanks. | NCG | 2018 - 2019 | | Complete |
| | | Drilling of a borehole and supply of casing materials | NCG | 2017 - 2018 | | Complete |
| | | Fencing and construction of power house | NCG | 2018 - 2019 | | Complete |
| | | Supply and installation of solar panel system | NCG | 2018 - 2019 | | Complete |
| | | Purchase of a plot | NCG | 2018 - 2019 | | Done |
| 8 | Kanjuiri borehole | Installation of solar panels and submersible pump | NCG | 2019-2020 | 1000 | Borehole not drilled |
| 9 | Uhuru water project | Supply of pipes to Tumaini. | NCG | 2019-2020 | 1,000 | Complete |
| 10 | Tumaini water project | supply and laying of pipes to Tumaini town | NCG | 2019-2020 | 1,000 | Complete |
| 13 | Nyaituga borehole water project | Supply and laying of pipes. | NCG | 2019-2020 | 300 | Complete |

| | | | | | | |
|----|---------------------------------|---|-----|-------------|-----|----------|
| 17 | Nyaituga borehole Water Project | Installation of submersible pumps and draw pipes Construction of solar support structure and installation of solar panels Pipe laying of raising main | NCG | 2017 - 2018 | 300 | Complete |
| | | Completion of tank roof slab | NCG | 2018 -2019 | | Complete |
| 19 | Rutara – Kirigono water project | Rehabilitation of the gravity main of Kirigono | NCG | 2017 - 2018 | 500 | Complete |
| 20 | Kagaa spring | Protection of the spring Construction of the cattle trough | NCG | 2017 - 2018 | 200 | Complete |

3.18 CHARANGITA WARD PROJECTS

Table 3.18 Summary of projects implemented in Charangita Ward

| Item | Project name | Activities | Source of funds | Financial year | Population Served | Remarks |
|------|----------------------------------|---|-----------------|----------------|-------------------|-------------------------------------|
| 1 | Ruiru Borehole Water project | Installation of solar panels, panels support structure and solar controller | CGN | 2017-18 | 3,000 | Operational |
| | | Supply and lay distribution pipeline | CGN | 2018/18 | 3,000 | Operational. |
| 2 | Matindiri Borehole water project | Drilling of a production borehole in Matindiri | CGN | 2017/2018 | 2000 | Borehole drilled And operational |
| | | Supply and lay pipes and fittings | CGN | 2017/18 | | |
| | | Supply and installation of borehole | CGN | 2017/18 | | |

| | | | | | | |
|---|------------------------------|---|-----|---------|-------|-------------------------------|
| | | submersible pump | | | | |
| | | Install pump,3-phase power, erect water tower, install plastic tanks and lay distribution pipes | CGN | 2018/19 | | |
| | | Fencing and construction of power house | CGN | 2018/19 | | |
| 3 | Oraimutia water project | Install existing pump, supply and install new pump, connect the two pumps to existing pipelines and connect the two pump houses to 3-phase electric power power | CGN | 2018/19 | 5,000 | On-going |
| 4 | Kagama borehole | Drilling of production borehole | CGN | 2019/20 | 2,500 | On-going |
| 5 | Nyairoko dispensary borehole | Drilling of production borehole | CGN | 2019/20 | 2,000 | Borehole drilled but was dry |
| 6 | Charagita water project | Supply and lay main distribution pipes to Charagita township | CGN | 2019/20 | 2,500 | Complete. Testing in progress |

3.19 GATIMU WARD PROJECTS

Table 3.19 Summary of projects implemented in Gatimu Ward

| Item | Project name | Activities | Source of funds | Financial year | Population Served | Remarks |
|------|--------------|------------|-----------------|----------------|-------------------|---------|
|------|--------------|------------|-----------------|----------------|-------------------|---------|

| | | | | | | |
|---|------------------------|--|-----|---------|------|---|
| 1 | Nyakanja water project | Supply and lay main distribution lines | CGN | 2017/18 | 5500 | Operational |
| | | Supply surface pump, control panel, pipes and fittings to Njunu area of Nyakanja water project | CGN | 2017/18 | 1500 | Operational |
| | | Supply and lay 10-inch G.I gravity mains | CGN | 2017/18 | | Operational |
| | | Supply and lay 6-inch rising main | CGN | 2017/18 | 5000 | Complete but not yet operational. It is part of a longer pipeline awaiting permit to enter forest |
| | | Construction of 225m ³ water tank at Kanguu | CGN | 2018/19 | | operational |
| | | Repair of spring weir | CGN | 2018/19 | | operational |
| | | Supply and lay 6- inch pipeline for Kanguu water project | CGN | 2019/20 | | Complete but not yet operational.it is part of a longer pipeline |
| | | Construction of 300m ³ concrete water tank | CGN | 2019/20 | | On-going |
| | Gikingi water project | Supply and lay main distribution pipeline | CGN | 2018/19 | 6000 | Operational |

3.20 WERU WARD PROJECTS

Table 3.20 Summary of projects implemented in Weru Ward

| Item | Project name | Activities | Source of funds | Financial year | Population Served | Remarks |
|-------------|-------------------------|--|------------------------|-----------------------|--------------------------|----------------|
| 1 | Jerusalem water project | Construction of water tower and installation of plastic tanks | CGN | 2017/18 | 2500 | Operational |
| | | Supply pipes and fittings | CGN | 2018/19 | | Operational |
| | | Supply and laying of distribution pipeline | CGN | 2019/20 | | Operational |
| 2 | Weru water project | Supply and lay distribution extension pipes | CGN | 2017/18 | 1000 | Operational |
| | | Fencing of Weru borehole | CGN | 2017/18 | | Complete |
| | | Supply and install solar power pumping system | CGN | 2018/19 | 3500 | operational |
| 3 | Karandi water project | Drilling of production borehole | CGN | 2018/19 | 2500 | Operational |
| | | Supply and installation borehole pump | CGN | 2019/20 | | Operational |
| | | Supply and install solar panels, panels support structure and solar controller | CGN | 2019/20 | | Operational |
| 4 | Gathundia water project | supply and install air valves and construct valve chambers | CGN | 2019/20 | 1500 | Operational |

| | | | | | | |
|---|------------------------|---|-----|---------|------|-------------|
| 5 | Kariko water project | Supply and install solar panels, panels support structure and solar controller | CGN | 2019/20 | 2500 | Operational |
| 6 | Madaraka water project | Supply and install borehole pump, carry out fencing and construction of power house | CGN | 2018/19 | 4000 | Operational |
| | | Supply and install solar panels, panels support structure solar controller | CGN | 2019/20 | | Operational |

3.21 GATHANJI WARD PROJECTS

Table 3.21 Summary of projects implemented in Weru Ward

| Item | Project name | Activities | Source of funds | Financial year | Population Served | Remarks |
|------|----------------------|---|-----------------|----------------|-------------------|---|
| 1 | Njoro water project | Supply and installation of borehole pump, solar panels, panels support structure and solar controller | CGN | 2017/18 | 1800 | operational |
| | | Carry out fencing of Njoro borehole compound | CGN | 2017/18 | 1800 | Not yet done. Contractor has not taken possession of the site |
| 2 | Boiman water project | Installation of solar panels, panel support structure and solar controller | CGN | 2017/18 | 4500 | Operational |
| | | Construction of water tower and | CGN | 2017/18 | 4,500 | Operational (same as the one above) |

| | | | | | | |
|---|------------------------|--|-----|---------|-------|--------------------------------------|
| | | installation of plastic water tanks | | | | |
| | | Fencing of borehole and laying of distribution mains | CGN | 2018/19 | 4500 | Operational (same as the one above) |
| 3 | Huho-ini water project | Drilling of production borehole at Huho-ini | CGN | 2017/18 | 5,000 | Operational |
| | | Fencing and construction of power house | CGN | 2018/19 | 5000 | Operational |
| | | Supply and lay distribution mains | CGN | 2018/19 | 5000 | Operational |
| | | Supply and install borehole pump, solar panels, panel support structure and solar controller | CGN | 2018/19 | 5000 | Operational. (same as the one above |

3.22 KIRIITA WARD PROJECTS

Table 3.22 Summary of projects implemented in Kiriita Ward

| Item | Project name | Activities | Source of funds | Financial Year | Population served | Remarks |
|------|---------------------------------|---|-----------------|----------------|-------------------|--|
| 1 | Leshau Karangoini Water project | Extension of distribution network to Karangoini . | NCG | 2017-2018 | 100 | Awaiting water from Leshau Karangoini. |
| | | Extension of distribution network to Mutanga . | NCG | 2017-2018 | | Awaiting water from Leshau Karangoini. |
| | | Extension of distribution network to Mungetho . | | 2017-2018 | | Awaiting water from Leshau Karangoini. |
| | | Extension of distribution network to Kariko/Kahembe | NCG | 2018-2019 | 400 | Awaiting water from Leshau Karangoini. |
| | | Extension of distribution network to karangoini . | NCG | 2018-2019 | 250 | Awaiting water from Leshau Karangoini. |

| | | | | | | |
|----|------------------------------------|---|-----|-----------|------|---|
| 2 | Mairoinya-policeline | Extension of distribution network to Kariko/Kahembe. | NCG | 2017-2018 | 250 | Getting water from Nyahururu water company. |
| 3 | Mairoinya-Ritaya | Extension of distribution network . | NCG | 2017-2018 | | Getting water from Nyahururu water company. |
| 4 | Michinda primary school | Supply and installation of 2x10,000 litres plastic tanks and guttering. | NCG | 2017-2018 | 350 | Operational |
| 5 | Githunguchu borehole water project | installation of solar Panels and fencing | NCG | 2018-2019 | 1500 | operational |
| 6 | Kimaru retire and mairo inya | Extension of distribution network . | NCG | 2019-2020 | 500 | Getting water from Nyahururu water company. |
| 7 | Baari, Mutanga and Mung'etho | Extension of distribution network for 8.856km | NCG | 2019-2020 | 2500 | Getting water from Nyahururu water company. |
| 8 | Water tanks for the elderly | Supply of 109No plastic tanks | NCG | 2019-2020 | 250 | Tanks supplied and issued. |
| 9 | Nairobi and maguna ECDEs | Supply and installation of 2No 5000 litres plastic tanks | NCG | 2019-2020 | 50 | operational |
| 10 | Mung'etho primary school | Supply and installation of 2No 10,000 litres plastic tanks | NCG | 2019-2020 | 250 | operational |
| 11 | Karagoini primary school. | Supply and installation of 2x10,000litres plastic tanks and gutters. | NCG | 2018-2019 | 200 | operational |

| | | | | | | |
|----|---|--|-----|-----------|-----|---------------------------|
| 12 | Covid 19 campaign for the venerable at mairo inya and mahihu. | Supply and installation of 2x10,000litres storage tanks. | NCG | 2019-2020 | 300 | Complete and operational. |
|----|---|--|-----|-----------|-----|---------------------------|

3.23 LESHOU PONDO WARD PROJECTS

Table 3.23 Summary of projects implemented in Leshou Pondo Ward

| Item | Project name | Activities | Source of funds | Financial Year | Population served | Remarks |
|------|--------------------------------|--|-----------------|----------------|-------------------|---------------------------------------|
| 1 | Leshou Karagoini Water Project | Extension of distribution network to Nyakinyua and Muthiga | NCG | 2017-2018 | 200 | Awaiting water from Leshou Karagoini. |
| | | Extension of distribution network to Raichiri and Karampton | NCG | 2017-2018 | 100 | Awaiting water from Leshou Karagoini. |
| | | Extension of distribution network to shauri, Kiandegge and Ndogino | NCG | 2017-2018 | 300 | Awaiting water from Leshou Karagoini. |
| | | Extension of distribution network to Gwukung'u, Mithuri and Mbuyu | NCG | 2017-2018 | 300 | Awaiting water from Leshou Karagoini. |
| | | Extension of distribution network to Kamukunji, Ndivai and Kieni | NCG | 2017-2018 | 200 | Awaiting water from Leshou Karagoini. |
| | | Extension of distribution network to ndogino | NCG | 2018-2019 | 300 | Awaiting water from Leshou Karagoini. |
| | | Extension of distribution network to Kiandegge | NCG | 2018-2019 | 50 | Awaiting water from Leshou Karagoini. |

| | | | | | | |
|----|--|--|-----|-----------|-------|--|
| | | Supply of pipes and fittings for Kagondo | NCG | 2018-2019 | 250 | Awaiting water from Leshau Karagoini. |
| 2 | Kagondo primary school | Supply and installation of 2x10,000litres plastic tanks and guttering. | NCG | 2017-2018 | 200 | Operational |
| 3 | Ndivai ECDE Tank and Guttering | Supply and installation of 3x10,000litres plastic tanks and guttering. | NCG | 2018-2019 | 200 | Operational |
| 4 | Kandoro Borehole water project | Fencing the borehole area. | NCG | 2018-2019 | 1000 | complete |
| 5 | Kiboya | Flushing, equipping the bore hole and fencing | NCG | 2018-2019 | 150 | The b/h was not equipped due to excess iron but flushing and fencing are complete. |
| 6 | Kingi | Rehabilitation of intake and pipeline. | NCG | 2018-2019 | 700 | Operational |
| 7 | Ngai-Ndeithia ECDE water project | Supply and installation of 2x10,000litres plastic tanks and guttering. | NCG | 2018-2019 | 250 | Operational |
| 8 | Raichiri | Supply and installation of 2x10,000litres plastic tanks and guttering. | NCG | 2018-2019 | 150 | Operational |
| 9 | Kwa Njora | Supply of 1x10,000litres plastic tanks and pipes. | NCG | 2018-2019 | 50 | Supplied. |
| 10 | Kiandege | Extension of distribution network | NCG | 2018-2019 | 150 | Awaiting water from Leshau Karagoini. |
| 11 | water tanks and guttering (kilingo, Kwanjora | Supply and installation of 17x10,000 litres | NCG | 2019-2020 | 4,500 | operational |

| | | | | | | |
|----|--|--|-----|-----------|-----|---|
| | Ndogino, Kirera, Mithuri Mayu Muthomi karai Ngawa kahuho, pondo primary, Muthiga, githima Raichiri mbuyu primary and Kwale . | plastic tanks and guttering. | | | | |
| 12 | Kagondo | Supply of pipes and fittings . | NCG | 2019-2020 | 250 | Supplied and laid . Awaiting water from leshau karagoini. |
| 12 | Nyakinyua community | Supply of pipes and fittings for | NCG | 2019-2020 | 100 | Ongoing |
| 13 | Kirera welfare | Supply and installation of 1x10,000litres plastic tanks and guttering. | NCG | 2019-2020 | 25 | operational |
| 23 | Gwaking'u market | Supply and installation of 1x10,000litres plastic tanks and guttering. | NCG | 2019-2020 | 150 | operational |
| 24 | Nyakinyua welfare | Supply and installation of 1x10,000litres plastic tanks and guttering. | NCG | 2019-2020 | 150 | Contractor has not reported on site. |
| 25 | Kiandege primary school | Supply and installation of 1x10,000litres plastic tanks and guttering. | NCG | 2019-2020 | 200 | operational |
| 26 | Leshau Karagoini extension of | Extension of distribution network. | NCG | 2019-2020 | 250 | ongoing |

| | | | | | | |
|----|--|--|---------|-----------|------|---|
| | pipeline at Ndogino | | | | | |
| 27 | Covid 19 campaign at Kiandeg,ka mukunji and Ndogino. | Supply and installation of 2x10,000litres storage tanks to the venerable . Water supply extension. | NCG | 2019-2020 | 200 | Ongoing. |
| 28 | Mayu borehole | Borehole drilling,equipping with solar power,construction of a water kiosk,fencing and cattle troughs. | CRVWWDA | 2018-2020 | 1000 | Borehole yielded 90m3/hr hence need for distribution network. |

3.24 CENTRAL WARD PROJECTS

Table 3.24 Summary of projects implemented in Central Ward

| Item | Project name | Activities | Source of funds | Financial Year | Population served | Remarks |
|------|------------------------------------|---|-----------------|----------------|-------------------|-------------|
| 1 | Mairo ikumi borehole Water Project | Drilling bole hole, equipping with solar power, fabrication of tower to carry 2x10m3 storage tank, construction of panel house and pipeline | NCG | 2017-2018 | 300 | Operational |

| | | | | | | |
|---|--------------------------------|--|-----|------------------------|-----------|--|
| | | distribution network . | | | | |
| | | Fencing of borehole site | NCG | 2018-2019 | | operational |
| 2 | Mithuri | Construction of intake across pesi river | NCG | 2017-2018 2019-2020 | 2500 | Part of the intake complete. |
| 3 | Ngurumo | Rehabilitation of the existing main and pipe laying for distribution network | NCG | 2017-2018 | 700 | Complete but not operational due to conflicts between the beneficiaries . |
| 4 | Subuku borehole water project. | Drilling bore hole, equipping with solar power, fabrication of tower to carry 2x10m ³ storage tank, construction of panel house and fencing . | NCG | 2018-2019 | 50 | Borehole drilled and yielded 2.7m ³ /hr. The borehole was not viable and the monies were substituted to DM water project. |
| 5 | Githunguchu | Installation of solar power | NCG | 2018-2019 | 1000 | Operational |
| 6 | DM Dam Water project | Construction of a masonry tank 225M ³ masonry tank | NCG | 2019-2020 | 8000 1 | Complete |
| | | Supply and installation of pipes. | NCG | 2019-2020 | | complete |

| | | | | | | |
|---|---|---|-----|-----------|--|----------|
| | | Supply and installation of solar panels | NCG | 2019-2020 | | Ongoing |
| | | Supply and installation of booster pump. | NCG | 2019-2020 | | Ongoing |
| | | Water supply extension. | NCG | 2019-2020 | | complete |
| 7 | Covid 19 campaign to the venerable at magutu. | Supply and installation of 10,000litres storage tank. | NCG | 2019-2020 | | Ongoing. |

3.25 SHAMATA WARD PROJECTS

Table 3.25 Summary of projects implemented in Shamata Ward

| Item | Project name | Activities | Source of funds | Financial Year | Population served | Remarks |
|-------------|--|--|------------------------|-----------------------|--------------------------|---------------------------|
| 1 | Madaraka Borehole water project | Extension and laying of pipes. | NCG | 2019-2020 | 350 | operational |
| 2 | Pesi/Upper shamata town borehole water project | Drilling and pump testing. | NCG | 2019-2020 | 350 | Borehole drilled |
| | | Construction, supply and installation of Water tower and 2x10,000litres tanks and power house. | NCG | 2019-2020 | 350 | Complete and operational |
| | | Supply and installation of solar powered pump. | NCG | 2019-2020 | 350 | Complete and operational. |
| 3 | Simbara pipe laying | Water supply extension | NCG | 2019-2020 | 250 | operational |

| | | | | | | |
|-----|--|--|-----|-----------|--------------|--------------------------|
| 4 | Shamata village- Pipe laying | Water connection to the venerable | NCG | 2019-2020 | 58 families | operational |
| 5 | Kihuha/Aberdare borehole water project | fencing, construction of panel house and water tower | NCG | 2019-2020 | 100 | ongoing |
| 6 | Supply of pipes-Shamata Township | Water supply extension | NCG | 2019-2020 | 500 | operational |
| 7 | Rehabilitation of JM Weir in Aberdare Forest | Replacement of pipes and desilting. | NCG | 2019-2020 | 50000 | complete |
| 8 | LPG cylinders | Supply of LPG cylinders to the elderly. | NCG | 2019-2020 | 600 families | Supplied and issued. |
| 9 | Kilimanjaro Water project | Water supply extension | NCG | 2019-2020 | 250 | Complete and operational |
| 10 | Pesi WP water tanks | Supply of 500litres to the elderly. | NCG | 2019-2020 | 178 families | Supplied and issued. |
| 11 | Kianjogu Water project | supply and laying of pipes | NCG | 2019-2020 | 600 | operational |
| 12 | Karandi B/Kihuha borehole water project | equipping the borehole with solar power | NCG | 2018-2019 | 300 | complete |
| 13. | Nduthi irrigation project | Water supply extension | NCG | 2018-2019 | 350 | Complete and operational |
| 14 | Muhakaini bore hole, | Water supply extension. Perimeter fence for the borehole site. | NCG | 2018-2019 | 300 | Complete and operational |
| 15 | Warukira borehole. | Perimeter fence for the borehole site. | NCG | 2018-2018 | 600 | Complete and operational |
| 16 | Karandi B water project | Water supply extension | NCG | 2018-2019 | 150 | operational |
| 17 | Kirimanjaro bore hole. | Equipping the borehole with solar power. construction of control panel house and fencing . | NCG | 2018-2019 | 300 | ongoing |
| 18 | Kangocho irrigation project | Water distribution networks. | NCG | 2018-2019 | 1500 | Complete and operational |
| 19 | Cleaning of storm water drains at kaheho | Construction of storm water drains | NCG | 2018-2019 | 1500 | ongoing |
| 20 | Shamata tanks | Supply of 500litres plastics storage tanks to the elderly | NCG | 2018-2019 | 80families | Supplied and issued. |

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| 21 | Rehabilitation of Ex-daya dam | Desilting and fencing. | NCG | 2017-2018 | 500 | complete |
| 22 | Shamata girls borehole | Drilling and equipping the borehole with submersible pump. | NCG | 2018-2019 | 800 | Complete and operational |
| 23 | Warukira borehole | Equipping the borehole with solar power | NCG | 2017-2018 | 300 | Complete and operational |
| 24 | Muhakaini borehole | Procurement of land, drilling, construction of tower and supply of 2x10m ³ storage tanks and equipping the borehole with solar power | NCG | 2017-2018 | 600 | Complete and operational |
| 25 | Covid Campaign for the venerable at kamihehu. | Supply and installation of 10,000litres storage tank | NCG | 2019-2020 | 200 | ongoing |

4.0 PROJECTS IMPLEMENTED IN PARTNERSHIP WITH OTHER GOVERNMENT AGENCIES

| Item | Project name | Activities | Source of funds | Financial Year | Population served | Remarks |
|------|---|--|-----------------|----------------|-------------------|---------|
| 1 | Charagita Borehole in Ol Joro Orok Subcounty | <ul style="list-style-type: none"> •Boreholes drilling •Equipping Solar power •Construction of Water Kiosk •Construction of Steel tower •Installation of 10m³ plastic tank •Fencing | GOK | 2018-2019 | 400 | |
| 2 | Muhonia Turasha borehole in Kipipiri Sub county | <ul style="list-style-type: none"> •Boreholes drilling •Equipping Solar power •Construction of Water Kiosk •Construction of Steel tower | GOK | 2018-2019 | 600 | |

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| | | <ul style="list-style-type: none"> •Installation of 10m3 plastic tank •Fencing | | | | |
| 3 | Lereshwa borehole in Kipipiri sub county | <ul style="list-style-type: none"> •Boreholes drilling •Equipping Solar power •Construction of Water Kiosk •Construction of Steel tower •Installation of 10m3 plastic tank •Fencing | GOK | 2018-2019 | 450 | |
| 4 | St Joseph Hianyu borehole in Murungaru Ward | <ul style="list-style-type: none"> •Boreholes drilling •Equipping Solar power •Construction of Water Kiosk •Construction of Steel tower •Installation of 10m3 plastic tank •Fencing | GOK | 2018-2019 | 1000 | |
| 5 | Mayu Borehole in Ndaragwa Sub county | <ul style="list-style-type: none"> •Boreholes drilling •Equipping Solar power •Construction of Water Kiosk •Construction of Steel tower •Installation of 10m3 plastic tank •Fencing | GOK | 2018-2019 | 450 | |
| 6 | Surguroi borehole in Ndaragwa Sub County | <ul style="list-style-type: none"> •Boreholes drilling •Equipping Solar power •Construction of Water Kiosk •Construction of Steel tower •Installation of 10m3 plastic tank •Fencing | GOK | 2018-2019 | | |
| 7 | Rurii borehole in Ol Kalou | <ul style="list-style-type: none"> •Boreholes drilling •Equipping Solar power •Construction of Water Kiosk •Installation of 10m3 plastic tank •Fencing | GOK | 2018-2019 | 700 | |
| 8 | Kandutura borehole in Ol Kalou Constituency | <ul style="list-style-type: none"> •Boreholes drilling •Equipping Solar power •Construction of Water Kiosk •Installation of 10m3 plastic tank •Fencing | GOK | 2018-2019 | 650 | Complete |
| 9 | Kaugi primary school | <ul style="list-style-type: none"> •Boreholes drilling •Equipping Solar power | GOK | 2018-2019 | 520 | complete |

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| | borehole in Kinangop Constituency | <ul style="list-style-type: none"> •Construction of Water Kiosk •Installation of 10m3 plastic tank •Fencing | | | | |
| 10 | Muti Umwe Primary School in Ndaragwa | <ul style="list-style-type: none"> •Boreholes drilling •Equipping Solar power •Construction of Water Kiosk •Installation of 10m3 plastic tank •Fencing | GOK | 2018-2019 | 630 | - |
| 11 | Muongano Primary School in Ol Joro Orok Constituency | <ul style="list-style-type: none"> •Boreholes drilling •Equipping Solar power •Construction of Water Kiosk •Construction of Steel tower •Installation of 10m3 plastic tank •Fencing | GOK | 2018-2019 | 400 | |
| 12 | Heni Secondary School Borehole in Magumu , Kinangop | <ul style="list-style-type: none"> •Boreholes drilling •Equipping Solar power •Construction of Water Kiosk •Construction of Steel tower •Installation of 10m3 plastic tank •Fencing | GOK | 2018-2019 | 300 | |
| 13. | Mihuti Primary School in Ol Kalou Constituency | <ul style="list-style-type: none"> •Boreholes drilling •Equipping Solar power •Construction of Water Kiosk •Construction of Steel tower •Installation of 10m3 plastic tank •Fencing | GOK | 2018-2019 | 500 | |
| 14 | Kihuha earth Dam in Shamata ward | Excavation and Construction of the pan; 6,100m3, Excavation and Construction of the Spillway; 282m3, Excavation and Construction of the Draw off system, Pan Fencing (Perimeter ; 754m), Livestock watering trough and communal water point. | GOK | 2019-2020 | 1000 livestock | Scope of works changed |
| 15 | Gichaka Earth dam in Charangita ward | Excavation and Construction of the pan; 5,000m3, Excavation and Construction of the Spillway; 250m3, Pan | GOK | 2019-2020 | 900 livestock | Scope of work Changed |

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| | | Fencing (Perimeter ; 1180m), Cattle tramp | | | | |
| 16 | Miirini earth dam in Mirangine ward | Excavation and Construction of the pan;10,772m3 .Excavation and Construction of the Spillway;300m3 .Excavation and Construction of the Draw off system; Pan Fencing (Perimeter; 835m),Livestock watering trough and communal water point | GOK | 2019-2020 | 1000 livestock | Ongoing |
| 17 | Gathara earth dam in Gathara ward | Excavation and Construction of the pan;12,500m3 .Excavation and Construction of the Spillway;550m3 .Excavation and Construction of the Draw off system; Livestock watering trough and grass and tree planting | GOK | 2018-2019 | 700 livestock | Ongoing |
| 18 | Muhonia Turasha Water Supply Project | •Construction of 100m3 Elevated steel tank at St Joseph Hianyu Borehole •Laying of distribution mains from St Joseph Hianyu borehole | GOK | 2019-2020 | 1000 | Ongoing |
| 19 | Rutara Water Supply Project | Rehabilitation of dam, spillway, offtake and construction of one tank | GOK | 2019-2020 | 2500 | Ongoing |
| 20 | Mutarakwa Ndothua Water Project | •Construction of Intake •Laying of Gravity and distribution mains •Construction of storage tanks | GOK | 2019-2020 | 1500 | Ongoing |
| 21 | Gachichio Community Borehole in Matundura Kinangop | Borehole drilling | GOK | 2018-2019 | 1500 | Borehole drilled |
| 22 | Rehabilitation of Leshau – Karagoini Water Project | •Construction of Sump and Pump House, •Construction of Valve Chambers and Manholes •Laying of Gravity Main | GOK | 2017-2018 | 70,000 | Works complete 90% |

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| | | <ul style="list-style-type: none"> •Laying of Rising Mains •Laying of Distribution Mains •Installation of Electromechanical works •Rehabilitation of Building •Construction of 200m of chain link fence Status •Construction of Sump and Pump House- complete except ceiling, plastering, hoisting rail and door Installation •Construction of Valve Chambers and Manholes- Complete for gravity main but not done for rising main and distribution main | | | | |
| 23 | Construction of OI kalou Sewerage and Improvement of Water Supply system | <p>1.Construction of secondary and tertiary sewers, diameter ranging between 200mm to 250mm total length 28.3 km, uPVC pipes;</p> <p>2.Construction of trunk sewers, diameter ranging between 315mm to 400mm total length 10.2 km, uPVC pipes;</p> <p>3.Construction of sewage treatment waste stabilization ponds total capacity 3,300 m3/day comprising of 3 No. anaerobic ponds, 1 No. facultative pond and 2 No. maturation ponds, 1 No. sludge lagoon and site works;</p> <p>4.Construction of 1No Public Sanitation block within OIKalou Town;</p> <p>5.500No customer connections;</p> | GOK through funding from African Development Bank | 2019-2020 | - | Site handed-over to contractor |

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| | | 6.Construction of 1No Conventional Water Treatment Plant , Laying of pipelines | | | | |
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