



nema

mazingic yeti-J Uhai wet! J i wqb'J wet!J

NATIONAL ENVIRONMENT MANAGEMENT AUTHORITY

Telcom Wireless: 020-2183718, 020-2101370, 020-2103696
Mobile Line: 0724 253 398, 0723 363 010, 0735 013 046
Incident Line: 0786 101 100

P. O. Box 67839 - 00200
Popo Road, Nairobi, Kenya
Email: dgnema@nema.go.ke
Website: www.nema.go.ke

APPROVAL NO: NEMA/SPA/8444

APPLICATION ID: NEMA/SPR/5/2/12754

6/9/2022

NEMWSPR/MKS/5/2/581

THWAKE NGUNINI SELF HELP GROUP

P.O. Box 502 - 90100 MÄCHÄKOS

RE: SUMMARY PROJECT REPORT APPROVAL FOR THE PROPOSED
CONSTRUCTION OF MÄTHUNTHINI WEIR PLOT L.R NO.: ALONG THWÆI<E
RIVER IN MÄTHUNTHINI
VILLAGE, ITHÄENI SUB LOCATION, KÄEWÄ LOCATION, LOWER KÄEWA WARD,
1<ÄTHIÄN1, MÄCHÄKOS COUNTY

Reference is made to your Summary Project Report submitted to the Authority on 2022-05-17 on the above subject.

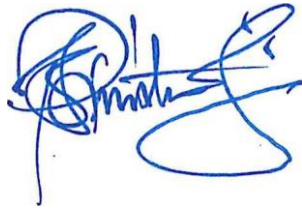
The National Environment Management Authority (NEMÄ) has **reviewed** the Summary Project Report of the above mentioned proposed project and in light of the provisions of the Environmental Management and Coordination Act, EMCA 1999 and pursuant to Section 3(b) of the Environmental (Impact Assessment and Audit) (Ammendment) Regulations, 2019 the Authority has approved the proposed project with the following mandatory conditions.

PARNWELL SIMITU

FOR: DIRECTOR GENERAL

Following a review of the report submitted and pursuant to Section 3(b) of the Environmental (Impact Assessment and Audit) (Amendment) Regulations, 2019 it has been established that the proposed construction of Mathunthini weir located along Thwake River in Mathunthini Village, Ithaeni Sub Location, Kaewa Location, Lower Kaewa Ward, Kathiani Sub County, Machakos County. is not likely to have any significant adverse environmental impact and it is hereby approved to proceed under the following conditions:

1. Ensure that the proposed activity is approved by the county government of machakos prior to commencement of works.
2. Ensure compliance with the relevant principal laws, by-laws and guidelines issued for development of such a project within the jurisdiction of the Machakos County Government; Ministry of Lands, Housing and Urban Development; Ministry of Transport and Infrastructure; Ministry of Health, National Construction Authority; Directorate of Occupational Health and Safety Services and other relevant Authorities.
3. Ensure that the proposed project will not encroach on way-leaves and road reserves.
4. Ensure that adequate and appropriate sanitary facilities are provided for the workers during construction phase and that proper decommissioning of the facilities is carried out once construction is complete.
5. Ensure that the proposed project will not encroach on way-leaves and road reserves.
6. Ensure that adequate and appropriate sanitary facilities are provided for the workers during construction phase and that proper decommissioning of the facilities is carried out once construction is complete.
7. Ensure that the construction is done as per approved drawings and in adherence to the building code of Kenya of 1968.
8. Ensure that in the event that the project site borders a river or stream, pursuant to regulation 6(c) of water quality regulations, 2006, the proponent shall protect the riparian reserve by ensuring that NO development activity is undertaken within the full width of the river or stream to a minimum of six (6) metres and a maximum of 30 metres on either sides based on the highest recorded flood level.
9. Ensure that all waste water is disposed as per the standards set out in the Environmental Management and Coordination (Water Quality) Regulations 2006. Ensure that all excavated material and debris is collected, reused and where need be disposed off as per the Environmental Management and Coordination (Waste Management) Regulations 2006.
10. Ensure strict adherence to the provisions of Environmental Management and Coordination (Noise and Excessive Vibrations Pollution Control) Regulations 2009.
11. Ensure strict adherence to the Occupational Safety and Health Act (OSHA), 2007.
12. Ensure that construction workers are provided with adequate personal protection equipment (PPE), as well as adequate training.



13. Ensure that construction activities are undertaken during the day (and not at night) between 0800 hrs and 1700 hrs; and that transportation of construction materials to and from site are undertaken during weekdays (and not weekends) off peak hours.
14. Ensure that environmental protection facilities or measures to prevent pollution and ecological deterioration such as solid and liquid waste management, oil spill containment measures, energy efficient facilities, storm water drain reticulation facilities and water saving devices, landscaping, beautification, dust control, traffic management plan, drainage system, soil erosion control mechanism are designed, constructed and employed simultaneously with the proposed project.
15. Ensure that emphasis is given to the control of dust, noise, vibration and occupational hazards.
16. Ensure that appropriate notification is done to the neighbours to limit the nuisance caused.

The above conditions will ensure environmentally sustainable development and must be complied with.





nema

ncnngra yetu I Uhd wetu wqbu wetU

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APPROVAL NO: NEMA/SPA/8440

APPLICATION ID: NEMA/SPR/5/2/12744

6/9/2022

NEMWSPR/MKS/5/2/5Z4

I<ÄTHEMBWÄ (WEIR) SAND DAM SELF HELP GROUP

P.O. Box 47 - 90105 KÄTHIÄNI, MACHÄKOS

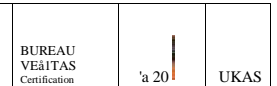
RE: SUMMARY PROJECT REPORT APPROVAL FOR THE PROPOSED CONSTRUCTION OF I<ÄTHEMBWÄ WEIR PLOT L.R NO.: ALONG THWÄKE RIVER BETWEEN B/ VILLAGE, KYEVÄLUKI/ ICAUTI SUB LOCATION, I'ÄEWA/ LOCKTION, LOWER K.ÄEWW I<ÄNCUNDO WEST WARD, KATHIÄNI, MACHÄKOS COUNTY

Reference is made to your Summary Project Report submitted to the Authority on 2022-05-17 on the above subject.

The National Environment Management Authority (NEMA) has reviewed the Summary Project Report of the above mentioned proposed project and in light of the provisions of the Environmental Management and Coordination Act, EMCA 1999 and pursuant to Section 3(b) of the Environmental (Impact Assessment and Audit) (Ammendment) Regulations, 2019 the Authority has approved the proposed project with the following mandatory conditions.

PARNWELL SIMITU

Our Environment, Our Life, Our Responsibility



Following a review of the report submitted and pursuant to Section 3(b) of the Environmental (Impact Assessment and Audit) (Amendment) Regulations, 2019 it has been established that the proposed construction of Kathembwa weir located along Thwake River between Kauti B/ Kiu Village, Kyevaluki/l<auti Sub Location, Kaewa/Kakuyuni Location, Lower Kaewa/Kangundo West ward, Kathiani Sub County, Machakos County. is not likely to have any significant adverse environmental impact and it is hereby approved to proceed under the following conditions:

1. Ensure that the proposed activity is approved by the county government of machakos prior to commencement of works.
2. Ensure compliance with the relevant principal laws, by-laws and guidelines issued for development of such a project within the jurisdiction of the Machakos County Government; Ministry of Lands, Housing and Urban Development; Ministry of Transport and Infrastructure; Ministry of Health, National Construction Authority; Directorate of Occupational Health and Safety Services and other relevant Authorities.
3. Ensure that the proposed project will not encroach on way-leaves and road reserves.
4. Ensure that adequate and appropriate sanitary facilities are provided for the workers during construction phase and that proper decommissioning of the facilities is carried out once construction is complete.
5. Ensure that the proposed project will not encroach on way-leaves and road reserves.
6. Ensure that adequate and appropriate sanitary facilities are provided for the workers during construction phase and that proper decommissioning of the facilities is carried out once construction is complete..
7. Ensure that the construction is done as per approved drawings and in adherence to the building code of Kenya of 1968.
8. Ensure that in the event that the project site borders a river or stream, pursuant to regulation 6(c) of water quality regulations, 2006, the proponent shall protect the riparian reserve by ensuring that NO development activity is undertaken within the full width of the river or stream to a minimum of six (6) metres and a maximum of 30 metres on either sides based on the highest recorded flood level.
9. Ensure that all waste water is disposed as per the standards set out in the Environmental Management and Coordination (Water Quality) Regulations 2006. Ensure that all excavated material and debris is collected, reused and where need be disposed off as per the Environmental Management and Coordination (Waste Management) Regulations 2006.
10. Ensure strict adherence to the provisions of Environmental Management and Coordination (Noise and Excessive Vibrations Pollution Control) Regulations 2009.

11. Ensure strict adherence to the Occupational Safety and Health Act (OSHA), 2007.
12. Ensure that construction workers are provided with adequate personal protection equipment (PPE), as well as adequate training.

A handwritten signature in blue ink, appearing to be 'S. M. G.', located between items 12 and 13.

13. Ensure that construction activities are undertaken during the day (and not at night) between 0800 hrs and 1700 hrs; and that transportation of construction materials to and from site are undertaken during weekdays (and not weekends) off peak hours.
14. Ensure that environmental protection facilities or measures to prevent pollution and ecological deterioration such as solid and liquid waste management, oil spill containment measures, energy efficient facilities, storm water drain reticulation facilities and water saving devices, landscaping, beautification, dust control, traffic management plan, drainage system, soil erosion control mechanism are designed, constructed and employed simultaneously with the proposed project.
15. Ensure that emphasis is given to the control of dust, noise, vibration and occupational hazards.
16. Ensure that appropriate notification is done to the neighbours to limit the nuisance caused.

The above conditions will ensure environmentally sustainable development and must be complied with.

A second handwritten signature in blue ink, identical to the one above, located below the concluding paragraph.



nema

mazr@ra yetu vhai wetu wqbu wehJ

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APPROVAL NO: NEMA/SPA/8442

APPLICATION ID: NEMA/SPR/5/2/12751

6/9/2022

NEMÄ/SPR/MKS/5/2/5Z8

KISESINI TWIO MBEE SELF HELP GROUP

P.O. Box 1 90100 MÄCHÄI<OS

RE: **SUMMARY PROJECT** REPORT APPROVAL FOR THE PROPOSED CONSTRUCTION
OF
IVIII.LAÄNI WEIR PLOT L.R NO. : ALONG THWAKE RIVER IN MILAANI VILLAGE,
ITHÄENI SUB LOCATION, 1<ÄEWÄ LOCATION, LOWER KAEWÄ WARD, KATHIÄNI,
MÄCHÄXOS COUNTY

Reference is made to your Summary Project Report submitted to the Authority on
2022-05-17 on the above subject.

The National Environment Management Authority (NEMA) has reviewed the Summary Project
Report of the above mentioned proposed project and in light of the provisions of the
Environmental Management and Coordination Act, EMCA 1999 and pursuant to Section 3(b) of
the Environmental (Impact Assessment and Audit) (Ammendment) Regulations, 2019 the
Authority has approved the proposed project with the following mandatory conditions.

PARNWELL SIMITU

Our Environment, Our Life, Our Responsibility

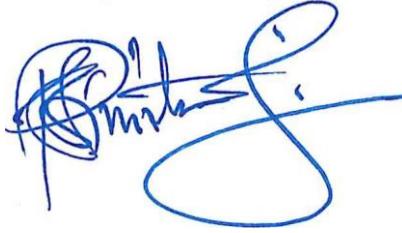
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ISO 9001: 2008 Certified

Following a review of the report submitted and pursuant to Section 3(b) of the Environmental (Impact Assessment and Audit) (Amendment) Regulations, 2019 it has been established that the proposed construction of Milaani weir located along Thwake River in Milaani Village, Ithaeni Sub Location, Kaewa Location, Lower Kaewa ward, Kathiani Sub County, Machakos County is not likely to have any significant adverse environmental impact and it is hereby approved to proceed under the following conditions:

1. Ensure that the proposed activity is approved by the county government of machakos prior to commencement of works.
2. Ensure compliance with the relevant principal laws, by-laws and guidelines issued for development of such a project within the jurisdiction of the Machakos County Government; Ministry of Lands, Housing and Urban Development; Ministry of Transport and Infrastructure; Ministry of Health, National Construction Authority; Directorate of Occupational Health and Safety Services and other relevant Authorities.
3. Ensure that the proposed project will not encroach on way-leaves and road reserves.
4. Ensure that adequate and appropriate sanitary facilities are provided for the workers during construction phase and that proper decommissioning of the facilities is carried out once construction is complete.
5. Ensure that the proposed project will not encroach on way-leaves and road reserves.
6. Ensure that adequate and appropriate sanitary facilities are provided for the workers during construction phase and that proper decommissioning of the facilities is carried out once construction is complete.
7. Ensure that the construction is done as per approved drawings and in adherence to the building code of Kenya of 1968.
8. Ensure that in the event that the project site borders a river or stream, pursuant to regulation 6(c) of water quality regulations, 2006, the proponent shall protect the riparian reserve by ensuring that NO development activity is undertaken within the full width of the river or stream to a minimum of six (6) metres and a maximum of 30 metres on either sides based on the highest recorded flood level.
9. Ensure that all waste water is disposed as per the standards set out in the Environmental Management and Coordination (Water Quality) Regulations 2006. Ensure that all excavated material and debris is collected, reused and where need be disposed off as per the Environmental Management and Coordination (Waste Management) Regulations 2006.
10. Ensure strict adherence to the provisions of Environmental Management and Coordination (Noise and Excessive Vibrations Pollution Control) Regulations 2009.

11. Ensure strict adherence to the Occupational Safety and Health Act (OSHA), 2007.
12. Ensure that construction workers are provided with adequate personal protection equipment (PPE), as well as adequate training.

A handwritten signature in blue ink, appearing to be 'R. S. S.', written over a horizontal line.

13. Ensure that construction activities are undertaken during the day (and not at night) between 0800 hrs and 1700 hrs; and that transportation of construction materials to and from site are undertaken during weekdays (and not weekends) off peak hours..
14. Ensure that environmental protection facilities or measures to prevent pollution and ecological deterioration such as solid and liquid waste management, oil spill containment measures, energy efficient facilities, storm water drain reticulation facilities and water saving devices, landscaping, beautification, dust control, traffic management plan, drainage system, soil erosion control mechanism are designed, constructed and employed simultaneously with the proposed project.
15. Ensure that emphasis is given to the control of dust, noise, vibration and occupational hazards.
16. Ensure that appropriate notification is done to the neighbours to limit the nuisance caused.

The above conditions will ensure environmentally sustainable development and must be complied with.

A handwritten signature in blue ink, appearing to be 'R. S. S.', written over a horizontal line.



nema

yetU Uhd wetu I wetu

mazingira

NATIONAL ENVIRONMENT MANAGEMENT AUTHORITY

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Website: www.nema.go.ke

APPROVAL NO: NEMA/SPA/8443

APPLICATION ID: NEMA/SPR/5/2/12752

6/9/2022

NEMA/SPR/MKS/5/2/5Z9

KYÄNGII WOMEN GROUP

P.O. Box 194 - 90100 MACHAKOS

RE: SUMMARY PROJECT REPORT APPROVAL FOR THE PROPOSED CONSTRUCTION OF KYÄNGII WEIR PLOT L.R NO.: ALONG THWAKE RIVER IN KYANGII VILLAGE, ITHÄENI SUB LOCATION, KAEWÆ LOCATION, LOWER 1<ÄEWÄ WARD, 1<ÄTHIÄN1, MÄCHÄKOS COUNTY

Reference is made to your Summary Project Report submitted to the Authority on 2022-05-17 on the above subject.

The National Environment Management Authority (NEMA) has reviewed the Summary Project Report of the above mentioned proposed project and in light of the provisions of the Environmental Management and Coordination Act, EMCA 1999 and pursuant to Section 3(b) of the Environmental (Impact Assessment and Audit) (Amendment) Regulations, 2019 the Authority has approved the proposed project with the following mandatory conditions.

PARNWELL SIMITU

Our Environment, Our Life, Our Responsibility

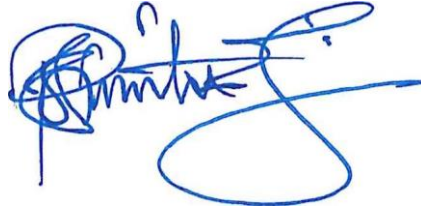


ISO 9001: 2008 Certified

Following a review of the report submitted and pursuant to Section 3(b) of the Environmental (Impact Assessment and Audit) (Amendment) Regulations, 2019 it has been established that the proposed construction of Kyangii weir located along Thwake River in Kyangii Village, Ithaeni Sub Location, Kaewa Location, Lower Kaewa ward, Kathiani Sub County, Machakos County is not likely to have any significant adverse environmental impact and it is hereby approved to proceed under the following conditions:

1. Ensure that the proposed activity is approved by the county government of machakos prior to commencement of works.
2. Ensure compliance with the relevant principal laws, by-laws and guidelines issued for development of such a project within the jurisdiction of the Machakos County Government; Ministry of Lands, Housing and Urban Development; Ministry of Transport and Infrastructure; Ministry of Health, National Construction Authority; Directorate of Occupational Health and Safety Services and other relevant Authorities.
3. Ensure that the proposed project will not encroach on way-leaves and road reserves.
4. Ensure that adequate and appropriate sanitary facilities are provided for the workers during construction phase and that proper decommissioning of the facilities is carried out once construction is complete.
5. Ensure that the proposed project will not encroach on way-leaves and road reserves.
6. Ensure that adequate and appropriate sanitary facilities are provided for the workers during construction phase and that proper decommissioning of the facilities is carried out once construction is complete.
7. Ensure that the construction is done as per approved drawings and in adherence to the building code of Kenya of 1968.
8. Ensure that in the event that the project site borders a river or stream, pursuant to regulation 6(c) of water quality regulations, 2006, the proponent shall protect the riparian reserve by ensuring that NO development activity is undertaken within the full width of the river or stream to a minimum of six (6) metres and a maximum of 30 metres on either sides based on the highest recorded flood level.
9. Ensure that all waste water is disposed as per the standards set out in the Environmental Management and Coordination (Water Quality) Regulations 2006. Ensure that all excavated material and debris is collected, reused and where need be disposed off as per the Environmental Management and Coordination (Waste Management) Regulations 2006.
10. Ensure strict adherence to the provisions of Environmental Management and Coordination (Noise and Excessive Vibrations Pollution Control) Regulations 2009.

11. Ensure strict adherence to the Occupational Safety and Health Act (OSHA), 2007.
12. Ensure that construction workers are provided with adequate personal protection equipment (PPE), as well as adequate training.

A handwritten signature in blue ink, appearing to be 'S. Smith', written in a cursive style.

13. Ensure that construction activities are undertaken during the day (and not at night) between 0800 hrs and 1700 hrs; and that transportation of construction materials to and from site are undertaken during weekdays (and not weekends) off peak hours.
14. Ensure that environmental protection facilities or measures to prevent pollution and ecological deterioration such as solid and liquid waste management, oil spill containment measures, energy efficient facilities, storm water drain reticulation facilities and water saving devices, landscaping, beautification, dust control, traffic management plan, drainage system, soil erosion control mechanism are designed, constructed and employed simultaneously with the proposed project.
15. Ensure that emphasis is given to the control of dust, noise, vibration and occupational hazards.
16. Ensure that appropriate notification is done to the neighbours to limit the nuisance caused.

The above conditions will ensure environmentally sustainable development and must be complied with.

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nema

yehJ cha; wetu wap'J weiu

mazingira

NATIONAL ENVIRONMENT MANAGEMENT AUTHORITY

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APPROVAL NO: NEMA/SPA/8441

APPLICATION ID: NEMA/SPR/5/2/12753

6/9/2022

NEMWSPR/MKS/5/2/580

THWAKE/IKUNGU SAND DAM SELF HELP GROUP

P.O. BOX 33 - 90100 KATHIÄNI, MACHÄKOS

RE: SUMMARY PROJECT REPORT APPROVAL FOR THE PROPOSED
CONSTRUCTION OF IKÜNGÜ WEIR PLOT L.R NO.: ALONG THWÄKE RIVER
BETWEEN IMILINI/ KASUNÄ
VILLAGE, MUUSINI/ KÄÜT1 SUB LOCATION, KÄEWÄ/ VYULYA LOCATION, LOWER
MÄSII WARD, KATHIÄNI, MACHÄKOS COUNTY

Reference is made to your Summary Project Report submitted to the Authority on 2022-05-17 on the above subject.

The National Environment Management Authority (NEMA) has reviewed the Summary Project Report of the above mentioned proposed project and in light of the provisions of the Environmental Management and Coordination Act, EMCA 1999 and pursuant to Section 3(b) of the Environmental (Impact Assessment and Audit) (Amendment) Regulations, 2019 the Authority has approved the proposed project with the following mandatory conditions.

PARNWELL SIMITU

Our Environment, Our Life, Our Responsibility



Our Environment, Our Life, Our Responsibility

ISO 9001: 2008 Certified

Following a review of the report submitted and pursuant to Section 3(b) of the Environmental (Impact Assessment and Audit) (Amendment) Regulations, 2019 it has been established that the proposed construction of Ikungu weir located along Thwake River between Imilini/Kasuna Village, Muusini/Kauti Sub Location, Kaewa/Vyula Location, Lower Kaewa/Masii ward, Kathiani Sub County, Machakos County. is not likely to have any significant adverse environmental impact and it is hereby approved to proceed under the following conditions:

1. Ensure that the proposed activity is approved by the county government of machakos prior to commencement of works.
2. Ensure compliance with the relevant principal laws, by-laws and guidelines issued for development of such a project within the jurisdiction of the Machakos County Government; Ministry of Lands, Housing and Urban Development; Ministry of Transport and Infrastructure; Ministry of Health, National Construction Authority; Directorate of Occupational Health and Safety Services and other relevant Authorities.
3. Ensure that the proposed project will not encroach on way-leaves and road reserves.
4. Ensure that adequate and appropriate sanitary facilities are provided for the workers during construction phase and that proper decommissioning of the facilities is carried out once construction is complete.
5. Ensure that the proposed project will not encroach on way-leaves and road reserves.
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9. Ensure that all waste water is disposed as per the standards set out in the Environmental Management and Coordination (Water Quality) Regulations 2006. Ensure that all excavated material and debris is collected, reused and where need be disposed off as per the Environmental Management and Coordination (Waste Management) Regulations 2006.

10. Ensure strict adherence to the provisions of Environmental Management and Coordination (Noise and Excessive Vibrations Pollution Control) Regulations 2009.
11. Ensure strict adherence to the Occupational Safety and Health Act (OSHA), 2007.
12. Ensure that construction workers are provided with adequate personal protection equipment (PPE), as well as adequate training.

A handwritten signature in blue ink, appearing to be 'Smita', written in a cursive style.

13. Ensure that construction activities are undertaken during the day (and not at night) between 0800 hrs and 1700 hrs; and that transportation of construction materials to and from site are undertaken during weekdays (and not weekends) off peak hours.
14. Ensure that environmental protection facilities or measures to prevent pollution and ecological deterioration such as solid and liquid waste management, oil spill containment measures, energy efficient facilities, storm water drain reticulation facilities and water saving devices, landscaping, beautification, dust control, traffic management plan, drainage system, soil erosion control mechanism are designed, constructed and employed simultaneously with the proposed project.
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The above conditions will ensure environmentally sustainable development and must be complied with.

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NATIONAL ENVIRONMENT MANAGEMENT AUTHORITY

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APPROVAL NO: NEMA/SPA/8445

APPLICATION ID: NEMA/SPR/5/2/12745

[Website: www.nema.go.ke](http://www.nema.go.ke)

6/9/2022

NEMWSPR/MKS/5/2/5Z5

THWÄKE FARMERS SELF HELP GROUP

P.O. BOX 636 - 90100 KÄTHIÄNI, MÄCHÄKOS

RE: SUMMARY PROJECT REPORT APPROVAL FOR THE PROPOSED
CONSTRUCTION OF MBUUNI WEIR PLOT L.R NO.: ALONG THWÄ-I<E
RIVER IN MBUUNI VILLAGE,
SUB LOCATION, IVETI LocÄT10N, LOWER KAEWÄ WARD, KATHIÄNI,
MÄCHÄKOS COUNTY

Reference is made to your Summary Project Report submitted to the Authority on 2022-05-17 on the above subject.

The National Environment Management Authority (NEMA) has reviewed the Summary Project Report of the above mentioned proposed project and in light of the provisions of the Environmental Management and Coordination Act, EMCA 1999 and pursuant to Section 3(b) of the Environmental (Impact Assessment and Audit) (Amendment) Regulations, 2019 the Authority has approved the proposed project with the following mandatory conditions.

PARNWELL SIMITU

Our Environment, Our Life, Our Responsibility

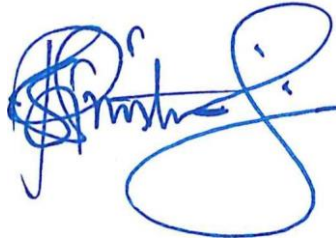


ISO 9001: 2008 Certified

Following a review of the report submitted and pursuant to Section 3(b) of the Environmental (Impact Assessment and Audit) (Amendment) Regulations, 2019 it has been established that the proposed construction of Mbuuni weir located along Thwake River in Mbuuni Village, Kaani Sub Location, Iveti Location, Lower Kaewa Ward, Kathiani Sub County, Machakos County is not likely to have any significant adverse environmental impact and it is hereby approved to proceed under the following conditions:

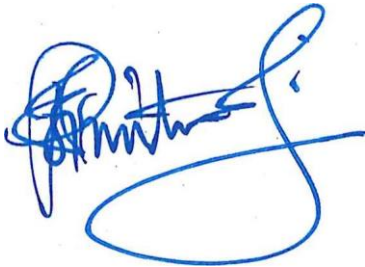
1. Ensure that the proposed activity is approved by the county government of machakos prior to commencement of works.
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8. Ensure that in the event that the project site borders a river or stream, pursuant to regulation 6(c) of water quality regulations, 2006, the proponent shall protect the riparian reserve by ensuring that NO development activity is undertaken within the full width of the river or stream to a minimum of six (6) metres and a maximum of 30 metres on either sides based on the highest recorded flood level.
9. Ensure that all waste water is disposed as per the standards set out in the Environmental Management and Coordination (Water Quality) Regulations 2006. Ensure that all excavated material and debris is collected, reused and where need be disposed off as per the Environmental Management and Coordination (Waste Management) Regulations 2006.
10. Ensure strict adherence to the provisions of Environmental Management and Coordination (Noise and Excessive Vibrations Pollution Control) Regulations 2009.
11. Ensure strict adherence to the Occupational Safety and Health Act (OSHA), 2007.

12. Ensure that construction workers are provided with adequate personal protection equipment (PPE), as well as adequate training.

A handwritten signature in blue ink, appearing to be 'S. Smith', written in a cursive style.

13. Ensure that construction activities are undertaken during the day (and not at night) between 0800 hrs and 1700 hrs; and that transportation of construction materials to and from site are undertaken during weekdays (and not weekends) off peak hours.
14. Ensure that environmental protection facilities or measures to prevent pollution and ecological deterioration such as solid and liquid waste management, oil spill containment measures, energy efficient facilities, storm water drain reticulation facilities and water saving devices, landscaping, beautification, dust control, traffic management plan, drainage system, soil erosion control mechanism are designed, constructed and employed simultaneously with the proposed project.
15. Ensure that emphasis is given to the control of dust, noise, vibration and occupational hazards.
16. Ensure that appropriate notification is done to the neighbours to limit the nuisance caused.

The above conditions will ensure environmentally sustainable development and must be complied with.

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nema

mazirgĩa yetu uhd wetU wcpU wetU

NATIONAL ENVIRONMENT MANAGEMENT AUTHORITY

Telcom Wireless: 020-2183718, 020-2101370, 020-2103696
Mobile Line: 0724 253 398, 0723 363 010, 0735 013 046
Incident Line: 0786 101 100

P. O. Box 67839 - 00200
Popo Road, Nairobi, Kenya
Email: dgnema@nema.go.ke

Website: www.nema.go.ke

APPROVAL NO: NEMA/SPA/8439
APPLICATION ID: NEMA/SPR/5/2/12755

6/9/2022

NEMWSPR/MKS/5/2/582

NCOMÄNO WEIRS SELF HELP GROUP

P.o. Box 29 - 90105 KATHIÄNI, MÄCHÄKOS

REzSUMMÄRY-2ROJZCZRE20RZÄPPRQVÄL£OR-THE2R020SEn-CONS-TRUCr1-ON-OE
NGOMANO WEIR PLOT L.R NO.: ALONG THWAKE RIVER BETWEEN MUTHALA B/ KIU VILLAGE, KYEVALUKI/ KAUTI SUB LOCATION, KAEWA/ KAKUYUNI LOCATION, LOWER KAEWA/ KANGUNDO WEST WARD, KATHIANI, MACHAKOS COUNTY

Reference is made to your Summary Project Report submitted to the Authority on 2022-05-17 on the above subject.

The National Environment Management Authority (NEMÄ) has reviewed the Summary Project

Report of the above mentioned proposed project and in light of the provisions of the Environmental Management and Coordination Act, EMCA 1999 and pursuant to Section 3(b) of the Environmental (Impact Assessment and Audit) (Ammendment) Regulations, 2019 the Authority has approved the proposed project with the following mandatory conditions.

PARNWELL SIMITU

FOR: DIRECTOR GENERAL

Our Environment, Our Life, Our Responsibility

ISO 9001: 2008 Certified

Following a review of the report submitted and pursuant to Section 3(b) of the Environmental (Impact Assessment and Audit) (Amendment) Regulations, 2019 it has been established that the proposed construction of Ngomano weir located along Thwake River between Muthala B/Kiu Village, Kyevaluki/Kauti Sub Location, Kaewa/Kakuyuni Location, Lower Kaewa/Kangundo 'West ward, Kathiani Sub County, Machakos County is not likely to have any significant adverse environmental impact and it is hereby approved to proceed under the following conditions:

1. Ensure that the proposed activity is approved by the county government of machakos prior to commencement of works.
2. Ensure compliance with the relevant principal laws, by-laws and guidelines issued for development of such a project within the jurisdiction of the Machakos County Government; Ministry of Lands, Housing and Urban Development; Ministry of Transport and Infrastructure; Ministry of Health, National Construction Authority; Directorate of Occupational Health and Safety Services and other relevant Authorities.
3. Ensure that the proposed project will not encroach on way-leaves and road reser, res.
4. Ensure that adequate and appropriate sanitary facilities are provided for the workers during construction phase and that proper decommissioning of the facilities is carried out once construction is complete.
5. Ensure that the proposed project will not encroach on way-leaves and road reserves.
6. Ensure that adequate and appropriate sanitary facilities are provided for the workers during construction phase and that proper decommissioning of the facilities is carried out once construction is complete.
7. Ensure that the construction is done as per approved drawings and in adherence to the building code of Kenya of 1968.
8. Ensure that in the event that the project site borders a river or stream, pursuant to regulation 6(c) of water quality regulations, 2006, the proponent shall protect the riparian reserve by ensuring that NO development activity is undertaken within the full width of the river or stream to a minimum of six (6) metres and a maximum of 30 metres on either sides based on the highest recorded flood level.
9. Ensure that all waste water is disposed as per the standards set out in the Environmental Management and Coordination (Water Quality) Regulations 2006. Ensure that all excavated material and debris is collected, reused and where need be disposed off as per the Environmental Management and Coordination (Waste Management) Regulations 2006.
10. Ensure strict adherence to the provisions of Environmental Management and Coordination (Noise and Excessive Vibrations Pollution Control) Regulations 2009.
11. Ensure strict adherence to the Occupational Safety and Health Act (OSHA), 2007.
12. Ensure that construction workers are provided with adequate personal protection equipment (PPE), as well as adequate training.



13. Ensure that construction activities are undertaken during the day (and not at night) between 0800 hrs and 1700 hrs; and that transportation of construction materials to and from site are undertaken during weekdays (and not weekends) off peak hours.
14. Ensure that environmental protection facilities or measures to prevent pollution and ecological deterioration such as solid and liquid waste management, oil spill containment measures, energy efficient facilities, storm water drain reticulation facilities and water saving devices, landscaping, beautification, dust control, traffic management plan, drainage system, soil erosion control mechanism are designed, constructed and employed simultaneously with the proposed project.
15. Ensure that emphasis is given to the control of dust, noise, vibration and occupational hazards.
16. Ensure that appropriate notification is done to the neighbours to limit the nuisance caused.

The above conditions will ensure environmentally sustainable development and must be complied with.





nema

mazngita yetu 'Jho wetu | wqb'J wetu

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Website: www.nema.go.ke

APPROVAL NO: **NEMA/SPA/8438**

APPLICATION ID: **NEMA/SPR/5/2/12749**

6/9/2022

NEMÄ/SPR/MKS/5/2/5ZZ

HUIMISELF HELP GROUP

P.C. BOX 194 - KIKOMBI PRIMARY SCHOOL

RE: SUMMARY PROJECT REPORT APPROVAL FOR THE PROPOSED CONSTRUCTION OF IKIKOMBI WEIR PLOT L.R NO.: KLONG THWXKE RIVER IN KIKOMBI VILLAGE, ITHÄENI SUB LOCATION, ICAEWA LOCATION, LOWER KAEWÄ WARD, KATHIÄNI, IWÄCHÄI<OS COUNTY

Reference is made to your Summary Project Report submitted to the Authority on 2022-05-17 on the above subject.

The National Environment Management Authority (NEMA) has reviewed the Summary Project Report of the above mentioned proposed project and in light of the provisions of the Environmental Management and Coordination Act, EMCA 1999 and pursuant to Section 3(b) of the Environmental (Impact Assessment and Audit) (Amendment) Regulations, 2019 the Authority has approved the proposed project with the following mandatory conditions.

PARNWELL SIMITU

Our Environment, Our Life, Our Responsibility



Our Environment, Our Life, Our Responsibility

ISO 9001: 2008 Certified

Following a review of the report submitted and pursuant to Section 3(b) of the Environmental (Impact Assessment and Audit) (Amendment) Regulations, 2019 it has been established that the proposed construction of Kikombi weir located along Thwake River between Lower Kaewa ward, Kathiani Sub County, Machakos County is not likely to have any significant adverse environmental impact and it is hereby approved to proceed under the following conditions:

1. Ensure that the proposed activity is approved by the county government of machakos prior to commencement of works.
2. Ensure compliance with the relevant principal laws, by-laws and guidelines issued for development of such a project within the jurisdiction of the Machakos County Government; Ministry of Lands, Housing and Urban Development; Ministry of Transport and Infrastructure; Ministry of Health, National Construction Authority; Directorate of Occupational Health and Safety Services and other relevant Authorities.
3. Ensure that the proposed project will not encroach on way-leaves and road reserves.
4. Ensure that adequate and appropriate sanitary facilities are provided for the workers during construction phase and that proper decommissioning of the facilities is carried out once construction is complete.
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