



## **EWASO NG'IRO NORTH RIVER BASIN DEVELOPMENT AUTHORITY**

### **INTERGRATED WATER DEVELOPMENT IN EWASO NG'IRO NORTH RIVER BASIN BY ENNDA FROM FINANCIAL 2019/2020 – 2022/23**

Through strategic development of boreholes, dams, pans and water supply systems across northern Kenya's arid lands, ENNDA has transformed livelihoods for pastoralist communities by securing sustainable water access. ENNDA's visionary efforts have developed sustainable water infrastructure impacting hundreds of thousands of pastoralist households across the region's remote and water-stressed areas. ENNDA's efforts have brought water to over 53,000 households across several counties, supporting nearly 600,000 shoats, 225,000 camels, and 105,000 cattle - a remarkable achievement in securing livelihoods in the arid and semi-arid lands of northern Kenya, in cumulatively 3 years. Through an ever-expanding portfolio of large and small dams, pans, boreholes and water supply systems, ENNDA has comprehensively addressed the water insecurity that has plagued the northern Kenya ASALs for decades. Its multi-pronged approach has unlocked sustainable development opportunities for pastoralist communities across the region.

1. Lakole Water Pan (Isiolo County): This water pan has provided a reliable water source for 300 households, 5,000 cattle, 10,000 shoats, and 200 camels in the dry Cherab Ward, transforming the lives of pastoralist communities.
2. Shantamount Water Pan (Mandera County): With a massive 50,000 cubic meter capacity, this pan has been a game-changer for 400 households, supporting 3,000 cattle, 30,000 shoats, and 5,000 camels in the arid Guticha Ward.
3. Chaffa Chachane Dam (Marsabit County): This huge 500,000 cubic meter dam has brought water security to 3,000 households, sustaining 5,000 cattle, 25,000 shoats, and 15,000 camels in the remote Turbi-Bubisa Ward.
4. Boji Garse Dam (Mandera County): Another massive 580,000 cubic meter dam benefiting 6,000 households and supporting a staggering 7,000 cattle, 40,000 shoats, and 20,000 camels in Kutulo Ward.
5. Ngilai Spring Protection (Samburu County): By protecting this spring and installing a 2.9km pipeline, ENNDA ensured clean water access for 1,500 households and their livestock in Wamba North Ward.
6. Bute Borehole (Wajir County): Providing a yield of 8 cubic meters per hour, this borehole has been a lifeline for 350 households, as well as their 6,000 shoats, 1,000 camels, and 400 cattle in the dry Bute area.

7. Biliko Water Pan (Isiolo County): This 100,000 cubic meter pan has brought water security to 400 households, supporting 25,000 shoats, 200 cattle, and 300 camels in Isiolo North.
8. Dimanyale Borehole (Wajir County): Yielding 8 cubic meters per hour, this borehole provides water access to 3,000 households, as well as their 35,000 shoats, 10,000 camels, and 1,000 cattle.
9. Dakara Qalo Water Pan (Wajir County): This 50,000 cubic meter pan in Danaba Ward has provided critical water access for 300 households, sustaining 2,000 cattle, 9,000 shoats, and 2,000 camels.
10. Abey Umur Water Pan (Mandera County): An impressive 50,000 cubic meter capacity pan benefiting 1,000 households and supporting 4,000 cattle, 30,000 shoats, and 17,000 camels in Kutulo Ward.
11. Eressa Teno Dam (Mandera County): This 200,000 cubic meter dam in Gurar Ward has secured water for 1,500 households along with 3,000 cattle, 30,000 shoats and 15,000 camels.
12. Walensu Water Pan (Marsabit County): Providing 30,000 cubic meters of water storage, this pan supports 1,500 households with 12,000 cattle, 20,000 shoats and 7,000 camels in Golbo Ward.
13. Ajawa Water Pan (Wajir County): This massive 150,000 cubic meter pan in Danaba Ward benefits 1,000 households, sustaining 4,000 cattle, 15,000 shoats and 10,000 camels.
14. Selle-gabaro Dam (Marsabit County): Another huge 150,000 cubic meter dam providing water security to 1,000 households along with 5,000 cattle, 10,000 shoats and 7,000 camels in Dukana Ward.
15. Dela Water Supply (Wajir County): This ambitious 31km pipeline from Eldas brings water access to 5,000 households and supports 5,000 cattle, 20,000 shoats and 12,000 camels in Della town.
16. Malalba Dam (Marsabit County): This 200,000 cubic meter dam in North Horr Ward has been a lifeline for 500 households, providing water for 2,000 cattle, 20,000 shoats, and 5,000 camels.
17. Forosa Water Pan (Isiolo County): With a capacity of 30,000 cubic meters, this pan supports 400 households with water for 700 cattle, 1,500 shoats, and 400 camels in Sericho Ward.
18. Mathaghesi Water Pan (Garissa County): Benefiting 250 households, this 30,000 cubic meter pan sustains 200 cattle, 2,000 shoats, and 800 camels in the dry Damajale Ward.
19. Baragoi Dam (Samburu County): This massive 100,000 cubic meter dam provides water access to 5,000 households in Elbarta Ward.
20. Kargi Dam (Marsabit County): Another huge 100,000 cubic meter dam benefiting 500 households and supporting 4,000 cattle, 15,000 shoats, and 3,000 camels in Kargi-South Ward.
21. Reytab Water Pan (Wajir County): This 60,000 cubic meter pan in Banane Ward has brought water security to 500 households, sustaining 5,000 cattle, 7,000 shoats and 1,000 camels.
22. Belgesh Water Pan (Isiolo County): Providing 25,000 cubic meters of water storage, this pan benefits 400 households with water for their 200 cattle, 4,000 shoats and 300 camels in Garba Tulla Ward.

23. Shirshir Water Pan (Mandera County): With 25,000 cubic meter capacity, this pan supports 500 households along with 2,000 cattle, 10,000 shoats, and 4,000 camels in Morothile Ward.
24. Guyo Tendeke Water Pan (Marsabit County): This 25,000 cubic meter pan in Sagante/Jaldesa Ward provides water access to 1,000 households and their 400 cattle, 1,500 shoats and 300 camels.
25. Ndalambo Water Pan (Samburu County): This 30,000 cubic meter water pan in Wamba Ward provides a reliable water source for 300 households, supporting their 200 cattle, 2,000 shoats, and 150 camels.
26. Olmorani Borehole (Laikipia County): Yielding 8 cubic meters per hour, this 120m deep borehole in Olmorani Ward benefits 1,500 households.
27. Kiamuri Borehole (Meru County): Another high-yielding 8 cubic meters per hour borehole in Kiagu Ward, providing water access to 600 households.
28. Underground Water Tanks (Marsabit County): The 400 cubic meter underground tanks in Maikona Ward ensure water storage for 200 households in the dry areas of Yaa Garra, Gandille, Qurgur and Alokoye.
29. Munsul Borehole (Laikipia County): This low-cost borehole in Laikipia North, with a modest yield of 1.2 cubic meters per hour, provides water access to 1,000 households and their livestock.
30. Rhamu Water Supply Upgrade (Mandera County): By upgrading infrastructure and laying 15km of new pipes from a high-yielding borehole, ENNDA brought improved water access to 5,000 households in Mandera North.
31. Laisamis Water Pan (Marsabit County): With 25,000 cubic meter capacity, this new pan in Kargi/South Horr Ward supports 1,000 households with water for 1,000 cattle, 6,000 shoats and 2,000 camels.
32. Ewaso Ltepes Water Pan (Samburu County): This 25,000 cubic meter pan in Elbarta Ward provides critical water access for 200 households, 3,000 cattle, 1,000 shoats and 4,000 camels.
33. Laibor-Ntasha Water Pan (Samburu County): Benefiting 1,000 households in Poroo Ward, this 25,000 cubic meter pan supports 1,000 cattle, 2,000 shoats and 500 camels.
34. Silango Water Pans (Samburu County): The 25,000 cubic meter pans in Lodokejek and Wamba South Wards bring water security to 2,500 households and their 9,000 shoats, 4,000 cattle and 2,000 camels.
35. Kube Dadacha Water Pan (Wajir County): This 80,000 cubic meter pan in Wajir North provides water access to 1,000 households and supports 4,000 cattle, 15,000 shoats and 10,000 camels.
36. Balkaja Water Pan (Wajir County): Benefiting 450 households in Wajir South, this 30,000 cubic meter pan sustains 300 cattle, 20,000 shoats and 300 camels.
37. Mansa Water Pan (Wajir County): This 30,000 cubic meter pan in Tarbaj constituency brings water security to 350 households, supporting 300 cattle, 22,000 shoats and 300 camels.
38. Milgis Water Pan (Marsabit County): With a capacity of 100,000 cubic meters, this new pan in Laisamis benefits 1,000 households along with 4,000 cattle, 15,000 shoats and 10,000 camels.
39. Badassa Dam (Marsabit County): Another major 80,000 cubic meter dam constructed by ENNDA in Laisamis, providing water for 500 households, 4,000 cattle, 800 shoats and 500 camels.

40. Mangutho and Salsala Underground Tanks (Marsabit County): The 600 cubic meter underground storage tanks in North Horr ensure water access for 100 households.
41. Luruk Borehole (Laikipia County): Yielding 8 cubic meters per hour, this new borehole in Mukogodo West supports 1,000 households with water for 2,000 cattle and 3,000 shoats.
42. Charabticha Borehole (Isiolo County): A highly productive 32 cubic meters per hour borehole serving 2,000 households and their 3,000 cattle and 5,000 shoats in Kinna Ward.
43. □ Saku Borehole (Marsabit County): Yielding 4.5 cubic meters per hour, this new borehole provides water access to 1,200 households, supporting 1,000 cattle, 2,500 shoats and 300 camels in Sagante/Jaldesa Ward.