



Report to John Leong

Mucagara Mixed Day Secondary School Latrines

Ngariama, Kirinyaga, Kenya

March, 2022

The Mucagara Mixed Day Secondary School has 280 students (153 girls and 127 boys) supported by 10 staff, and enrollment is expected to increase by 50% over the next few years. The old latrines were unsanitary, unsafe, and near collapse. This caused students, particularly girls, to skip school. As seen just to the right, the girls' latrines were in a deplorable state.



The lack of clean latrines is especially troublesome when a girl has her period and stays home. They inescapably fall behind boys in academic achievement. Many eventually drop out. That is the moment when they become second-class citizens, because they will forever after have less education than the boys. This is one of the reasons - just one, but an important one - that women in the developing world earn 40% of what men do: they have less education than the men.



TGUP worked with Kiini Sustainable Initiative to build a new set of latrines containing 4 separate stalls just for the girls at Mucagara. See photo above. They sit atop a 3,600 cubic foot pit that will allow for a 15+ year available life serving the expected population. There is also a sink for washing after using the latrines. With these new latrines, missed days will be dramatically reduced and academic performance will improve. There may not be any other generally available technology that is equally cost-effective in making equal education possible for all students, regardless of race or gender.



Thank you, John, for making these John's Johns possible.