Index

affordability. <i>See</i> user payments aquifer. <i>See</i> groundwater	pond sand filter, 51 tube wells, 52
biosensor, 21	pastoralism, 81–82
Bishwa Ijtema, 19–20	polders, 36
	professional maintenance service
colonialism, policies, 18, 61, 82	FundiFix, 74–75
community-based management, 50, 74	SafePani, 52–54
COVID-19, 1, 21, 76, 81	rainfall
drought, 59, 81–82	Khulna, 36
drought, 57, 61 62	Kitui, 57–58
E. coli. See water quality, drinking	Turkana, 78–79
effluent treatment plants. See water quality, river	rainwater harvesting. See water supply infrastructure
	regulation
flash floods, 90	drinking water, Kenya, 62–64
flood, riverine, 21	fines, textiles, 29–30
groundwater	private, brand-led, 30
Khulna, 39	results-based funding. See professional
Kitui, 61	maintenance service
Turkana, 93–94, 96	rights, river, 31
	risk, 2, 4
habitus, 4	financial. <i>See</i> operation and maintenance institutional. <i>See</i> community-based management
Harambee, 61	river
human rights for water, 63, 72	Buriganga, 15–16
· C 1 1 · G · · · · · ·	Dhaleswari, 28, 31
informal markets. See water vending	Turag, 22, 31
LOWASCO. See water service provider	14148, 22, 51
20 Wilder Set Water Set vice provider	salinity. See water quality, drinking
main source, drinking	sanitation, 93
Dhaka, 25	Dhaka, 25
Khulna, 45	schools
Kitui, 64	Khulna, 43, 51, 54
Lodwar, 84	Kitui, 62, 69
Millennium Development Goal, 3	small water enterprises. <i>See</i> water vending survey, household, 117–118
Multiple Indicator Cluster Survey, 48	Dhaka, 22–24
neoliberal, policies, 6, 29, 62	Kitui, 64
neonoetai, poneies, 0, 27, 02	Lodwar, 84
oil, Turkana, 93	Sustainable Development Goal, 3
operation and maintenance	SDG target 6.1, 3
handpump and kiosks, 72–74	SDG target 6.3, 3, 14

Index 135

tannery, relocation, 28, 31	water service provider
tariff structure	DWASA, 23
flat fees, 74	LOWASCO, 83-84, 87-89
pay-as-you-fetch, 73	rural, Kitui, 63
tube well. See water supply infrastructure	Water Services Trust Fund, 64
	water source choices
user payments	Khulna, 45–46
Khulna, 48, 51	Kitui, 66–67
Kitui, 69, 72	water supply infrastructure, 119
Lodwar, 84–87	ATM-operated kiosks, 89, 95
	handpump, 62
Water Acts, Kenya	piped scheme, rural, 41
the Water Act 2002, 62	piped system, urban.
the Water Act 2016, 63	See LOWASCO
water diary, 8, 108–114	pond sand filter, 41
water quality, drinking	rainwater harvesting, 43, 48–50
E. coli, 48, 69	reverse osmosis, 42
Khulna, 46–48, 55	sand dams, 60
Kitui, 66, 69	tube well, 38–39
Salinity, 39–40	water use behaviour, 98. See also water source
water quality, river, 19–21	choices
dissolved oxygen, 19, 21	water vending
effluent treatment plant, 16, 31	Khulna, 41–42, 48
heavy metals, 16, 19, 121	Lodwar, 91–92