



QUICK SURVEY ON
LIGHTING FACILITIES AND
HANDWASHING DEVICES OF
LATRINES IN IOM AOR

SURVEY CARRIED OUT ON NOVEMBER 2022
IOM WASH, COX'S BAZAR

BACKGROUND AND METHODOLOGY

IOM oversees the operation, maintenance, and repair of WASH facilities as an area focal agency in 11 camps, those are Camp 09, 10, 11, 12, 13, 18, 19, 20, 20 extension, 24, and 25. WASH unit conducted an assessment of the lighting and handwashing facility with the latrines in November 2022. The study highlighted the overall condition of the lighting facilities to access the latrine at night and the handwashing facilities condition with the latrines to maintain personal hygiene after defecation. The study was conducted in online KOBO data collection tools with a statistically significant sample size of 95% confidence level and a 10% margin of error. Trained refugee data collection volunteers conducted the survey through interviews of the community beneficiaries and direct observation methods on the supervision of IOM staff members of specific camps.

FINDINGS OF LIGHTING ASSESSMENT

Access road to the latrines: Beneficiary responded that only 28% of the access road of latrines are served by street lighting while 72% are not at night.

Table 1: Access road of the latrine is covered under the street lighting

Camp Name	Yes	No	Sample size
Camp 09	27%	73%	10
Camp 10	13%	88%	9
Camp 11	40%	60%	10
Camp 12	11%	89%	9
Camp 13	20%	80%	15
Camp 18	18%	82%	11
Camp 19	30%	70%	10
Camp 20	50%	50%	10
Camp 20 Extension	20%	80%	10
Camp 24	33%	67%	9
Camp 25	50%	50%	10
Grand Total	28%	72%	113

Portable light: 81% of the beneficiaries use portable light to access latrines at night among them 35% use portable solar light, 25% flashlight of their phones, and 21% portable torch.

Table 2: Type of portable light they use to go to the latrine at night

Camp Name	Do not have any portable light	Phone flashlight	Portable solar light	Portable torch	No need to use any portable light	Other	Sample size
Camp 09	9%	18%	18%	55%	0%	0%	10
Camp 10	13%	38%	38%	13%	0%	0%	9
Camp 11	0%	30%	20%	10%	40%	0%	10
Camp 12	11%	33%	22%	22%	0%	11%	9
Camp 13	0%	27%	40%	33%	0%	0%	15
Camp 18	18%	9%	9%	45%	18%	0%	11
Camp 19	10%	10%	40%	30%	10%	0%	10
Camp 20	0%	30%	20%	0%	50%	0%	10
Camp 20 Extension	20%	50%	20%	0%	10%	0%	10
Camp 24	0%	33%	56%	11%	0%	0%	9
Camp 25	0%	0%	100%	0%	0%	0%	10
Grand Total	7%	25%	35%	21%	12%	1%	113

Lighting system inside latrines: There is no light inside latrines in almost all the camps in IOM AOR except Camps 13 and 25. It has been found that 70% of the latrines in Camp 25 have lighting systems inside the latrines and 7% in Camp 13. But the condition of the lighting system is functional only in Camp 25.

Table 3: light available inside the latrine

Camp Name	Yes	No	Sample size
Camp 09	0%	100%	11
Camp 10	0%	100%	8
Camp 11	0%	100%	10
Camp 12	0%	100%	9
Camp 13	7%	93%	15
Camp 18	0%	100%	11
Camp 19	0%	100%	10
Camp 20	0%	100%	10
Camp 20 Extension	0%	100%	10
Camp 24	0%	100%	9
Camp 25	70%	30%	10
Grand Total	7%	93%	113

Table 4: Condition of the lighting

Camp Name	Functional	Non-functional	Sample size
Camp 13	0%	100%	1
Camp 25	86%	14%	7
Grand Total	75%	25%	13

People feeling safe: According to the quarterly monitoring in September 2022, 90% of the beneficiaries responded that their family members feel safe going to latrines at any time and there is no difference between male and female respondents.

Table 5: Beneficiaries feel safe going to latrines at any time

Camp Name	Yes	No	Sample size
Camp 09	89%	11%	84
Camp 10	78%	22%	93
Camp 11	76%	24%	84
Camp 12	94%	6%	95
Camp 13	82%	18%	95
Camp 18	63%	37%	99
Camp 19	97%	3%	103
Camp 20	97%	3%	99
Camp 20 Extension	92%	8%	92
Camp 24	99%	1%	195
Camp 25	99%	1%	166
Camp 2W	88%	12%	100
Grand Total	90%	10%	1305

FINDINGS OF HANDWASHING DEVICE ASSESSMENT

Only 19% of the latrines have handwashing devices with latrine. Within this 19%, only 42% of the handwashing devices are functional with soap and water to wash hands after defecation.

Table 6: Hand washing device available with Latrine

Camp Name	Yes	No	Sample size
Camp 09	31%	69%	86
Camp 10	4%	96%	159
Camp 11	2%	98%	93
Camp 12	8%	92%	91
Camp 13	21%	79%	174
Camp 18	33%	67%	166
Camp 19	12%	88%	154
Camp 20	37%	63%	76
Camp 20 Extension	56%	44%	79
Camp 24	17%	83%	153
Camp 25	0%	100%	75
Camp 2W	13%	87%	89
Grand Total	19%	81%	1395

Table 7: Status of the hand washing devices

Camp Name	Functional	Non-functional	Sample size
Camp 09	15%	85%	27
Camp 10	86%	14%	7
Camp 11	0%	100%	2
Camp 12	57%	43%	7
Camp 13	24%	76%	37
Camp 18	20%	80%	54
Camp 19	42%	58%	19
Camp 20	36%	64%	28
Camp 20 Extension	64%	36%	44
Camp 24	88%	12%	26
Camp 2W	58%	42%	12
Grand Total	42%	58%	263