

AYA NAGAR

CITY PROFILE

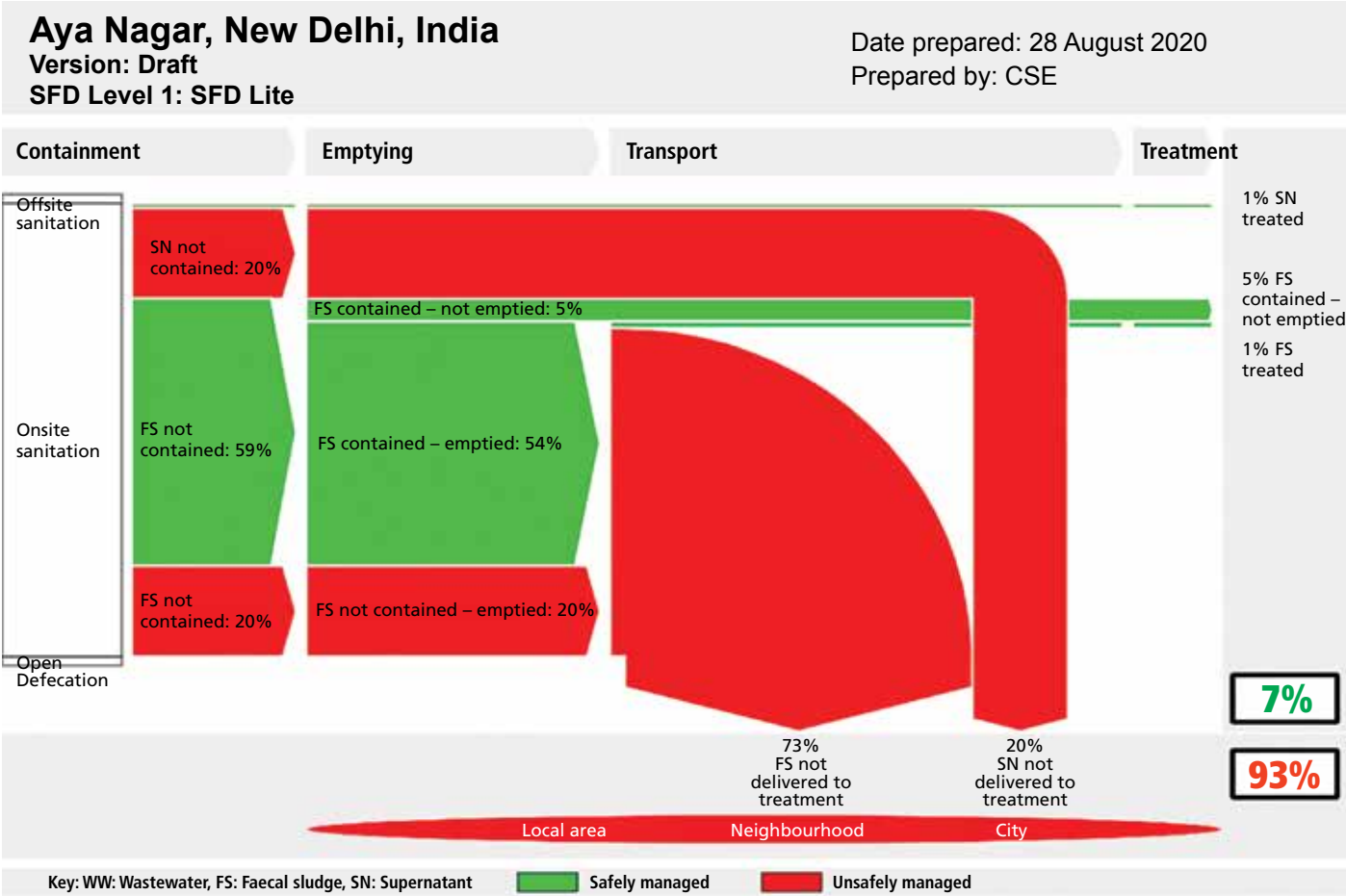
Population: 1,50,000

Municipal area: 8 sq.km.

Name of local government:
South Delhi Municipal Corporation

Aya Nagar is situated on the Southwestern edge of Delhi. It is the last village of Delhi on the Mehrauli Gurgaon Road which connects South Delhi with the rapidly urbanizing city of Gurgaon in the adjoining state of Haryana. The settlement is bound by government campuses, the Aravali Hills and ravines formed by an ancient river course, now dry. It is one of the few villages in Delhi which has managed to retain the original village Johar (rain water harvesting pond) but now left neglected and used as a garbage dump.

SFD graphic



Service outcomes

Containment

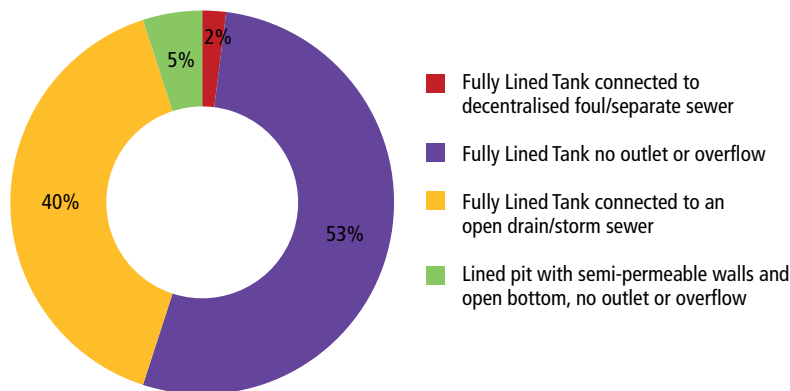


Figure 1: FLT connected to an enclosed outlet outside the household

Emptying

Service provided by	Government	Private operator
No of vehicles	0	32 (24)
Licensed /registered	—	Yes
Record maintained	—	Yes
Fee charged	—	INR 1,200
No of manual emptiers	8	
Fee charged by manual emptiers	INR 500 - 15,000	



Figure 2: Emptying of Faecal Sludge by truck mounted vacuum tanker

Transport

Type of vacuum tanker	Tractor mounted	Truck mounted
No of vehicles	Yes	32 (24)
No of trips per tanker per day	—	2 – 3 per day
Capacity of vehicle	—	5000 – 6000 Litres



Figure 3: Discharge of FS at Ghitorni drainage line

Treatment and disposal

Type of waste	Sewage	Faecal Sludge
Treatment facility present	Yes	Yes
Type of facility	Constructed Wetland (Reed Bed)	Co-treatment at STP
Generated	15 MLD	83.3 KLD
Treated	0.1 MLD	0.16 KLD
Designated disposal site	Yes	Yes



Figure 4: STP of 5MGD Capacity at Qutub Minar

Location of city



Source: Data collected by CSE team, September 2020



Figure 5: DEWATS at Z block Aya Nagar