



SCHOOL SANITATION IN SMALL TOWNS

Assessment and Investment Requirement in Wai

Objective of the exercise

Key Focus : Improve School Sanitation Facilities in Wai and exploring financing options through CSR

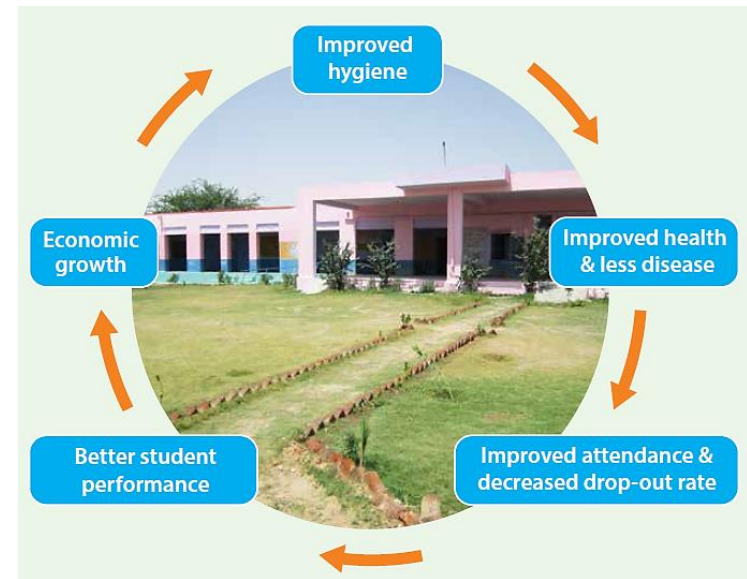
- **Assessment of Sanitation Service provision in Public/ Private Schools**
- **Infrastructure Gap Assessment of Sanitation Facilities in schools**
- **Exploring new options for Operations & Maintenance and Monitoring of school Toilets**
- **Exploring Funding mechanisms for construction of new toilets and refurbishment of the existing sanitation facilities**

National Mission- **Swach Bharat Swach Vidyalay**

- National campaign to ensure that every school in India has a set of functioning and well maintained water, sanitation and hygiene facilities
- Supported by all related Ministries and other flagship programmes like Sarva Shiksha Abhiyan and Nirmal Gram Puraskar

- Highlights importance of various essential elements

- Drinking water
- Sanitation
- Daily hand washing
- Operation and maintenance
- Behavior change activities
- Enhanced capacities



- Highlights O&M of school Toilets- daily, weekly, fortnightly, monthly, seasonal and yearly maintenance
- Periodic visits to be planned for the districts by designated supervisor

Public & Private Schools- Existing Status

12 Public Schools

No. of Girls- **1247**

Toilets- **11**

Urinals- **47**

No. of Boys- **1479**

Toilets- **12**

Urinals- **59**

Teaching Staff

79

Non- Teaching
Staff

17

Total Number of Students – **2726**

14 Private Schools

No. of Girls- **3157**

Toilets- **36**

Urinals- **75**

No. of Boys- **3406**

Toilets- **24**

Urinals- **82**

Teaching Staff

228

Non- Teaching
Staff

23

Total Number of Students – **6563**

Summary of Proposals

INR **72 Lakhs** for New Construction

INR **18 Lakhs** for Refurbishment of Existing Toilets

	New Construction	Refurbishment	Estimated Annual O&M Contract Value
Public	INR 17 Lakhs (44 Toilets + 38 Urinals)	INR 6 Lakhs	INR 3.2 Lakhs
Private	INR 55 Lakhs (103 Toilets + 192 Urinals)	INR 12 Lakhs	INR 7.8 Lakhs

Exploring New models of Operations & Maintenance for School Sanitation

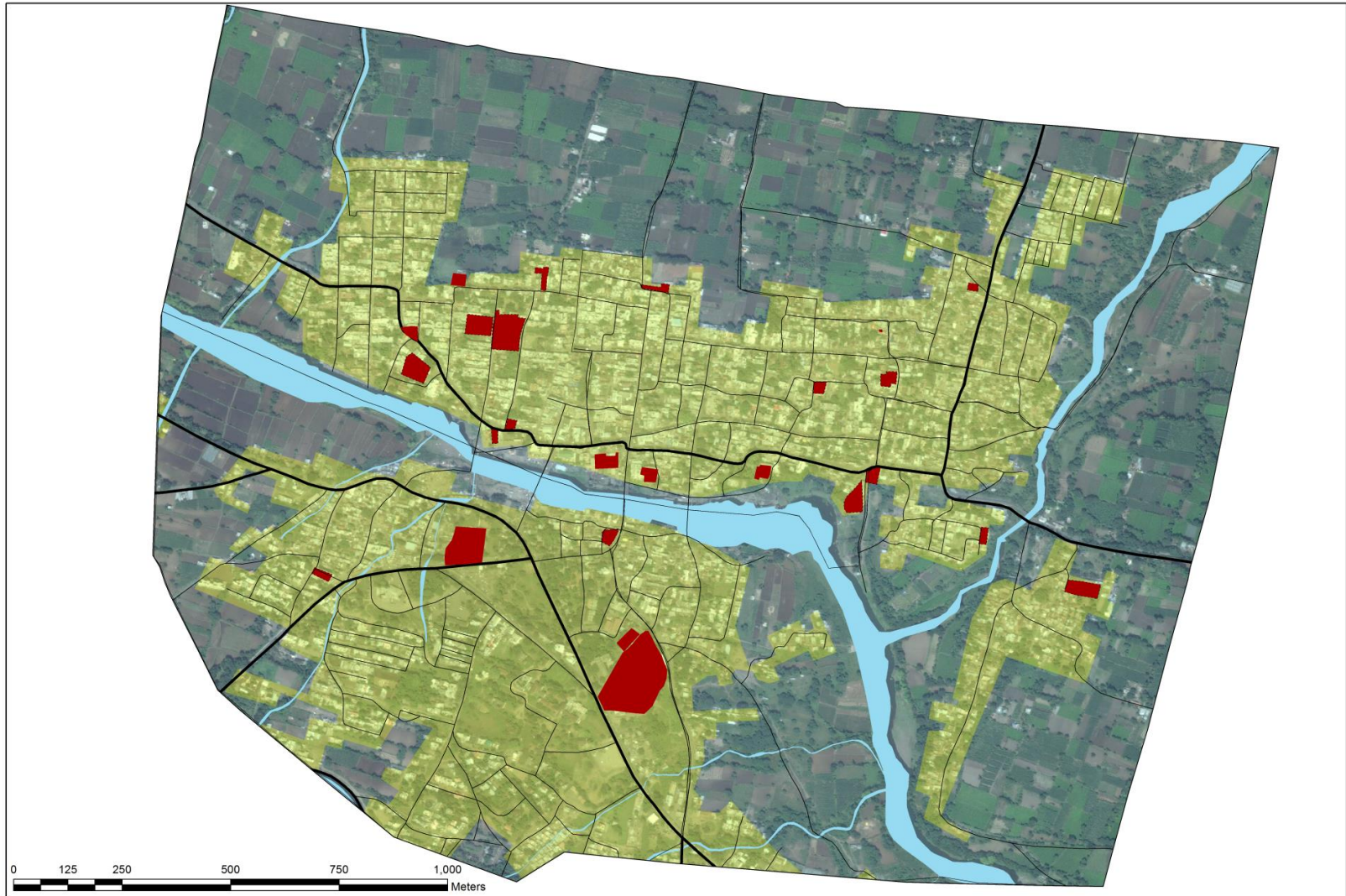
Assessment Parameters

- Existing number of Toilets and Urinals
- Condition of Toilets and Urinals
- Cleaning Frequency
- Maintenance Responsibility
- Refurbishment required
 - Wash Taps
 - Screen Doors for Girl's Urinals
 - Ventilation
 - Self Cleaning Units in Urinals
 - Wash Basins
- Infrastructural gaps* and costing



* - All Demand Assessment done on the basis of National Building Code

Locations of Schools in Wai

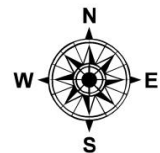


Legend

- | | | |
|--------------------|----------------|--------------|
| Municipal_Boundary | Major_Roads | Water_Bodies |
| Prabhag_Boundary | Schools | Habitat_Area |
| Minor_Roads | Natural_Drains | |

PERFORMANCE ASSESSMENT SYSTEMS

School Sanitation Assessment - Wai



Public & Private School Status

S N.	Name of School	Classrooms	Students		Staff	
			Girls	Boys	Teaching	Non-Teaching
Public Schools						
1	Nagar Palika School No. 4	3	8	14	2	1
2	Nagar Palika School No. 9	7	27	34	NA	NA
3	Nagar Palika School No. 3	3	46	21	3	1
4	Nagar Palika School No. 7#	4	27	36	2	1
5	Nagar Palika School No. 8#	4	12	22	2	1
6	Girl's High School, Wai	3	97	-	5	3
7	Nagar Palika School No. 1	4	59	56	6	1
8	Nagar Palika School No. 6	9	153	173	10	1
9	Nagar Palika School No. 10	9	186	196	9	1
10	Navin Marathi School	8	249	143	8	1
11	Maharshi Shinde Vidyamandir	24	176	523	32	8
12	Nagar Palika School No. 5	15	218	268		
Private Schools						
1	P.C. Alwani School	8	22	46	10	5
2	Chacha Alwani Vocational Training Center	4	13	31	3	
3	M.E.S. Prathamik Vidyamandir	4	88	96	4	1
4	Vision English Medium School	8	116	137	7	1
5	Blossom Children's Academy	14	227	311	22	6
6	Mahila Sneh Samwardhak Samaj	8	163	187	8	1
7	Joy Children's Academy	10	148	241	16	4
8	Tanzeen Waledian Urdu High School	9	20	6	3	1
9	T L Joshi Vidylay	40	531	1190	40	NA
10	Harihareshwar Prathmik Vidyamandir	4	78	100	4	2
11	Dravid High School	15	384	919	35	NA
12	Primary English Medium School	7	61	99	6	1
13	St. Thomas High School	10	13	49	35	1
14	Kanya Shala, Wai	20	1293	-	35	1

Existing Status of Toilets & Urinals in Public Schools

S N.	Name of School	Toilets			Urinals		
		Girls	Boys	Condition	Girls	Boys	Condition
Public Schools							
1	Nagar Palika School No. 4	Temporarily shifted to NP school no. 8, students share same facilities					
2	Nagar Palika School No. 9	Temporarily shifted to Maruti Mandir, use community toilets					
3	Nagar Palika School No. 3	Temporarily shifted to NP school no. 7, students share same facilities					
4	Nagar Palika School No. 7 [#]	1	1	Good	5	7	Good
5	Nagar Palika School No. 8 [#]	2	2	Poor	2	2	Poor
6	Girl's High School, Wai	1	NA	Poor	5	NA	Poor
7	Nagar Palika School No. 1	0	1	Poor	0	3	Poor
8	Nagar Palika School No. 6	2	2	Poor-unhygienic	8	11	Poor
9	Nagar Palika School No. 10	2	2	Poor	12	12	Poor
10	Navin Marathi School	1	1	Good	5	5	Good
11	Maharshi Shinde Vidyamandir	1	2	Poor	0	8	Poor
12	Nagar Palika School No. 5	1	1	Poor	10	11	Poor
Total		11	12		47	59	

- **Nagar Palika School No. 1- Girl's toilet demolished due to bad odour problems**
- **Three schools in dilapidated condition** - classes are being conducted in other schools.
- **No provision for CWSN toilets and proper ventilation**
- **Out of 12, toilets of only 2 schools are maintained in good condition.**

Existing Status of Toilets & Urinals in Private Schools

S N.	Name of School	Toilets			Urinals		
		Girls	Boys	Condition	Girls	Boys	Condition
Private Schools							
1	P.C. Alwani School	4	4	Good	-	-	Poor
2	Chacha Alwani Vocational Training Center	3	2	Good	-	-	Poor
3	M.E.S. Prathamik Vidyamandir	1	1	Poor	5	5	Poor
4	Vision English Medium School	2	1	Good	0	5	Good
5	Blossom Children's Academy	3	4	Poor	4	5	Poor
6	Mahila Sneh Samwardhak Samaj	1	1	Good	11	8	Good
7	Joy Children's Academy	1	1	Good	3	3	Good
8	Tanzeen Waledian Urdu High School	1	0	-	0	0	-
9	T L Joshi Vidylay	5	6	Good	22	23	Good
10	Harihareshwar Prathmik Vidyamandir	0	0	Good	0	0	Good
11	Dravid High School	10	1	Poor	0	17	Poor
12	Primary English Medium School	4	2	Good	0	9	Good
13	St. Thomas High School	1	1	Poor	7	7	Poor
14	Kanya Shala, Wai	0	-	Good	23	-	Poor
Total		36	24		75	82	

- No separate toilets for girls and boys in Harihareshwar Prathmik Vidyamandir.
- **No toilets for girls in girl's school (Kanya Shala).** It only has insufficient urinals
- **Out of 14 schools, toilets of 9 schools are maintained properly**
- **No provision for CWSN toilets, except for PC Alwani and Chacha Alwani (Schools for specially-abled children)**

Condition of Toilets in Public Schools



Condition of Toilets in Private Schools



O&M of Public School Toilets

S N.	Name of School	Maintenance Responsibility	No. of Workers	Condition	Cleaning Frequency
Public Schools					
1	Nagar Palika School No. 4	Temporarily shifted to NP school no. 8, students share same facilities			
2	Nagar Palika School No. 9	Temporarily shifted to Maruti Mandir, use community toilets			
3	Nagar Palika School No. 3	Temporarily shifted to NP school no. 7, students share same facilities			
4	Nagar Palika School No. 7 [#]	Nagar Palika	2	Good	Once daily
5	Nagar Palika School No. 8 [#]	Nagar Palika	1	Poor	Once daily
6	Girl's High School, Wai	Security Guard of School	1	Poor	Twice daily
7	Nagar Palika School No. 1	Nagar Palika	1	Poor	Once daily
8	Nagar Palika School No. 6	Nagar Palika	1	Poor-unhygienic	Once in 2 days
9	Nagar Palika School No. 10	School Admin	1	Poor	Once daily
10	Navin Marathi School	School Admin	1	Good	Twice daily
11	Maharshi Shinde Vidyamandir	School Admin	1	Poor	Once daily
12	Nagar Palika School No. 5	Nagar Palika	2	Poor	Once daily

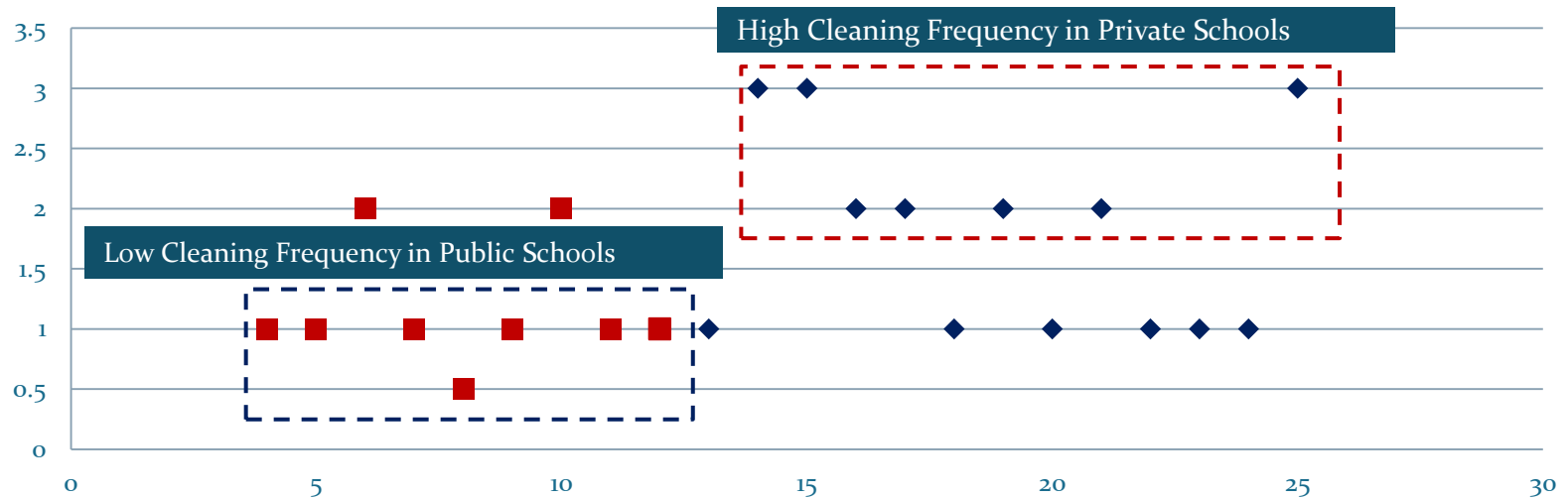
- Out of 12 schools, **4 schools have appointed workers** for cleaning and maintaining all sanitary facilities
- Rest of the Public schools- **cleaners are appointed by Nagar Palika**
- **Schools have low Cleaning Frequency, once in a day**

O&M of Private School Toilets

S N.	Name of School	Maintenance Responsibility	No. of Workers	Condition	Cleaning Frequency
Private Schools					
1	P.C. Alwani School	School Admin	1	Good	Once daily
2	Chacha Alwani Vocational Training Center	School Admin	1	Good	Thrice daily
3	M.E.S. Prathamik Vidyamandir	School Admin	1	Poor	Thrice daily
4	Vision English Medium School	School Admin	1	Good	Twice daily
5	Blossom Children's Academy	School Admin	1	Poor	Twice daily
6	Mahila Sneh Samwardhak Samaj	School Admin	1	Good	Once daily
7	Joy Children's Academy	School Peons	1	Good	Twice daily
8	Tanzeen Waledian Urdu High School	School Admin	1	-	Once daily
9	T L Joshi Vidylay	School Admin	1	Good	Twice daily
10	Harihareshwar Prathmik Vidyamandir	School Admin	2	Good	Once daily
11	Dravid High School	School Admin	1	Poor	Once daily
12	Primary English Medium School	School Admin	1	Good	Once daily
13	St. Thomas High School	School Admin	1	Poor	Thrice daily
14	Kanya Shala, Wai	School Admin	1	Good	Twice daily

- All schools have appointed workers for cleaning and maintaining all sanitary facilities
- Except for 4, condition of Toilets is Good
- Schools have high Cleaning Frequency, twice in a day

Cleaning Frequency of Toilets in Public & Private Schools



■ 4. Nagar Palika School No. 7

■ 6. Girl's High School, Wai

■ 10. Navin Marathi School

■ 12. Nagar Palika School 5

◆ 14. Chacha Alwani Vocational Training Center

◆ 16. Vision English Medium School

◆ 18. Mahila Sneh Samwardhak Samaj, Wai

◆ 20. Tanzeen Waledian Urdu High School

◆ 22. Harihareshwar Prathmik Vidyamandir

◆ 24. Primary English Medium School

■ 5. Nagar Palika School No. 8

■ 9. Nagar Palika School No. 10

■ 11. Maharshi Shinde Vidyamandir

◆ 13. P.C. Alwani School

◆ 15. M.E.S. Prathamik Vidyamandir

◆ 17. Blossom Children's Academy

◆ 19. Joy Children's Academy

◆ 21. T L Joshi Vidylay

◆ 23. Dravid High School

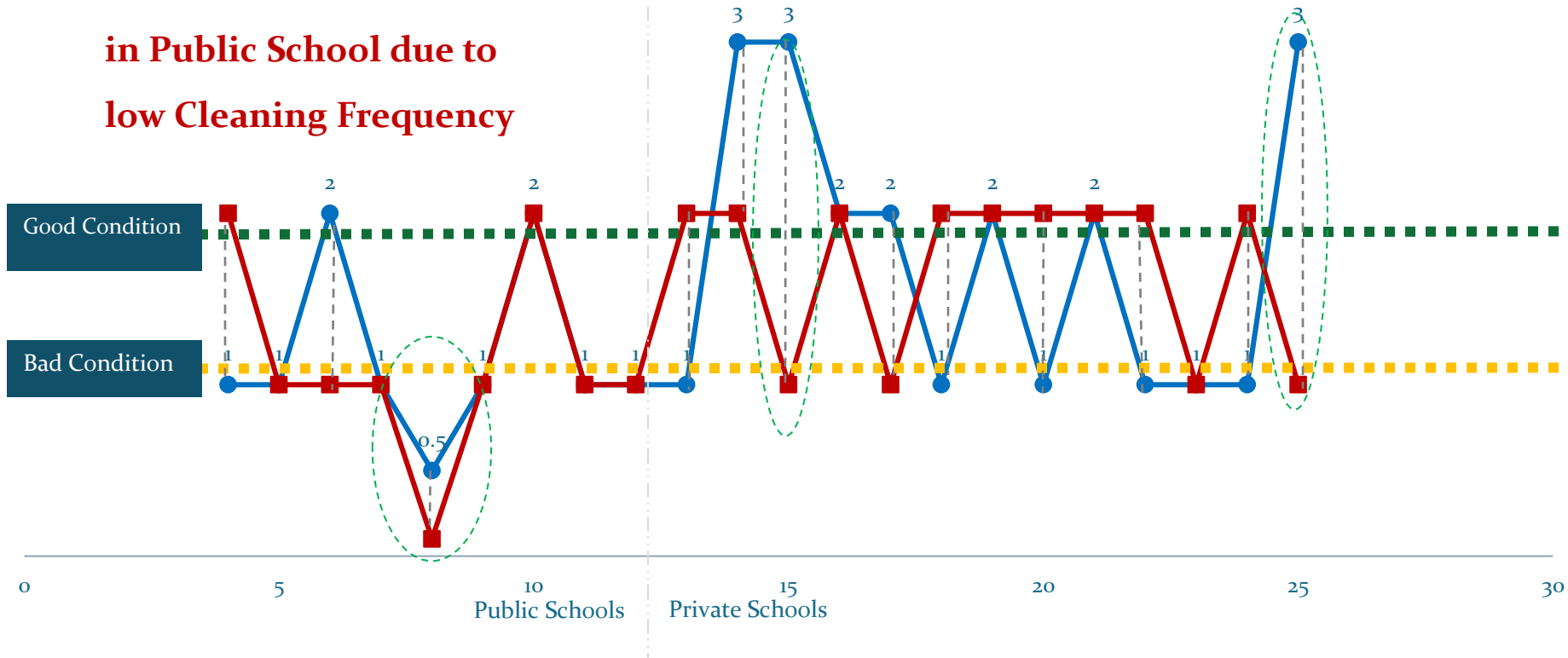
◆ 25. St. Thomas High School

**Cleaning Frequency is High in Private Schools while most of
Public Schools have low Cleaning Frequency**

Relation between Cleaning Frequency & Condition of Toilets

● Cleaning Frequency ■ Condition (Poor/ Good)

**Poor Condition of toilets
in Public School due to
low Cleaning Frequency**



In 2 Private Schools, although the cleaning frequency is thrice in a day, still the toilets and urinals are in poor condition.

Infrastructure Gap

Existing

Girls Toilets (seats) Public - 11 Private- 36	Girls Urinals Public - 47 Private- 75	Boys Toilets (seats) Public - 12 Private- 24	Boys Urinals Public - 59 Private- 82
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Except for 2 Private Schools, none of the schools have constructed toilets as per universal design guidelines

Required New Construction

Girls Toilets (seats) Public - 19 Private- 53	Girls Urinals Public - 15 Private- 93	Boys Toilets (seats) Public - 8 Private- 25	Boys Urinals Public - 23 Private- 99
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Required Refurbishment of Existing Infrastructure

Wash Taps Public- 13 Private- 84	Screen Door Public- 50 Private- 75	Ventilation Public- 110 Private- 160	Self-cleaning Unit Public- 84 Private- 106	Wash Basins Public- 130 Private- 322
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Toilet & Urinal Requirement in Public Schools

S N.	Name of School	Toilets		Urinals	
		Girls	Boys	Girls	Boys
Government Schools					
1	Nagar Palika School No. 4	Temporarily shifted to NP school no. 8, share same facilities			
2	Nagar Palika School No. 9	Temporarily shifted to Maruti Mandir, use community toilets			
3	Nagar Palika School No. 3	Temporarily shifted to NP school no. 7, share same facilities			
4	Nagar Palika School No. 7 [#]	-	-	-	-
5	Nagar Palika School No. 8 [#]	-	-	-	-
6	Girl's High School, Wai	1	-	-	-
7	Nagar Palika School No. 1	1	-	-	-
8	Nagar Palika School No. 6	2	-	-	-
9	Nagar Palika School No. 10	3	-	-	-
10	Navin Marathi School	5	1	7	2
11	Maharshi Shinde Vidyamandir	3	5	8	19
12	Nagar Palika School No. 5	4	2	-	2
Total Requirement		19	8	15	23

- **No toilets required in NP School No. 7 and 8**
- **If NP School No. 3 and 4 continue to run in NP School No. 7 and 8, new toilet construction will be required**
- **Only new girls toilets are required in 4 Public Schools**

Toilet & Urinal Requirement in Private Schools

S N.	Name of School	Toilets			Urinals		
		Girls	Boys	Condition	Girls	Boys	Condition
Private Schools							
1	P.C. Alwani School	-	-	Good	1	2	Poor
2	Chacha Alwani Vocational Training Center	-	-	Good	1	2	Poor
3	M.E.S. Prathamik Vidyamandir	1	-	Poor	-	-	Poor
4	Vision English Medium School	1	1	Good	6	2	Good
5	Blossom Children's Academy	3	-	Poor	7	11	Poor
6	Mahila Sneh Samwardhak Samaj	3	1	Good	-	1	Good
7	Joy Children's Academy	3	2	Good	4	9	Good
8	Tanzeen Waledian Urdu High School	-	1	-	1	1	-
9	T L Joshi Vidylay	8	9	Good	5	37	Good
10	Harihareshwar Prathmik Vidyamandir	2	1	Good	4	5	Good
11	Dravid High School	-	10	Poor	19	29	Poor
12	Primary English Medium School	-	-	Good	3	-	Good
13	St. Thomas High School	-	-	Poor	-	-	Poor
14	Kanya Shala, Wai	32	-	Good	42	-	Poor
Total Requirement		53	25		93	99	

Out of 14, 4 schools does not required construction of new toilets at all

Investment Requirement for New Construction

Girls Toilets

Public- 6.48

Private- 7.44

Pr. (KS)- 7.49

Girls Urinals

Public- 2.58

Private- 8.77

Pr. (KS)- 7.22

Boys Toilets

Public- 3.83

Private- 8.57

Pr. (KS)- 0

Boys Urinals

Public- 3.62

Private- 15.6

Pr. (KS)- 0

Total toilets to be constructed = 147 (Investment- INR 33.82 Lakhs)

Total urinals to be constructed = 230

Total Investment for New Construction = INR 71.58 Lakhs

New Construction		Public			Private (except Kanya Shala School)			Private School - Kanya Shala (KS)		
		Requirement	Rate	Total Cost	Requirement	Rate	Total Cost	Requirement	Rate	Total Cost
Toilets req.	Girls	19	21,760	4.13	21	21,760	4.57	32	21,760	6.96
	Boys	8		1.74	25	5.44	-	-	-	
Toilets CWSN	Girls	9	26,112	2.35	11	26,112	2.87	2	26,112	0.52
	Boys	8		2.08	12	3.13	-	-	-	
Urinals	Girls	15	17,200	2.58	51	17,200	8.77	42	17,200	7.22
	Boys	23	15,730	3.62	99	15,730	15.57	-	-	-
Total				16.51			40.36			14.71

Note: All costs in Lakhs

Investment Requirement for Refurbishment

Wash Taps Public- 0.03 Private- 0.04 Pr. (KS)- 0.17	Screen Door Public- 0.74 Private- 0.77 Pr. (KS)- 0.33	Ventilation Public- 0.57 Private- 0.71 Pr.(KS)- 0.12	Self-cleaning Unit Public- 1.26 Private- 1.24 Pr. (KS)- 0.35	Wash Basins Public- 3.02 Private- 5.98 Pr. (KS)- 1.51
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Total Investment for Refurbishment of Existing Toilets 16.85 Lakhs

Total Investment for Refurbishment of Existing **Public Toilets 5.62 Lakhs**

Total Investment for Refurbishment of Existing **Private Toilets 11.23 Lakhs**

Refurbishment	Public			Private (except Kanya Shala School)			Private School - Kanya Shala (KS)		
	Requirement	Rate	Total Cost	Requirement	Rate	Total Cost	Requirement	Rate	Total Cost
Wash Taps	13	254	0.03	19	254	0.04	65	254	0.17
Screen doors in girl's urinals	50	1,472	0.74	52	1,472	0.77	23	1,472	0.33
Ventilation	110	520	0.57	137	520	0.71	23	520	0.12
Self-cleaning facility in Urinals	84	1,500	1.26	83	1,500	1.24	23	1,500	0.35
Wash Basins + stop taps	130	2,326	3.02	257	2,326	5.98	65	2,326	1.51
Total			5.62			8.75			2.48

Note: All costs in Lakhs

O&M Proposal

- **Extension of the existing ULB contract** to maintain **public school** toilets along with PT/CT
- Exploring possibility of using **PPP** for O&M of Private Schools

Public Schools

Existing No. of Toilet Seats = 23
Proposed Toilet Seats = 44
O&M cost will be **Rs 870 per day**

Annual O&M Contract Value
INR 3.2 Lakhs

Private Schools

Existing No. of Toilet Seats = 60
Proposed Toilet Seats = 103
O&M cost will be **Rs 2120 per day**

Annual O&M Contract Value
INR 7.8 Lakhs

Note: Existing Contract of ULB for cleaning of PT/CT is a lump sum rate of Rs. 1,55,000 per month

Monitoring Proposal

- Formulation of **Parent-Teacher Association (PTA)**
- Implementing **daily maintenance system**- (format for daily activity to be filled by the worker) and monitored by the administration
- **ULB can monitor sanitation services in Public and Private Schools**- through Independent Private Agency
- **School Inspection by Block Development Officer, Dept. of Education**
- **Complaint redressal system** to be set up in schools, which is monitored by PTA/ ULB

Thank You

Annexure – Type of School Assessment

Navin Marathi School

School Category	Primary – Govt. aided
Class	1 st to 4 th Std.
Total No. of Students	392
Total No. of boy's	143
Total No. of girl's	249
Teaching Staff	08
Non-Teaching Staff	01
Total Classrooms	08
No. of Toilets for girl's	1 Toilet 5 Urinals
No. of Toilets for boy's	1 Toilet 5 Urinals
No. of Toilets for Staff	2
Total No. of Dustbins	10
No. of Cleaners	01 (daily 2 times a day)



*School facilities - School campus is well equipped with basic facilities such as playground, compound wall, toilets, class rooms with lights, fans, chairs and benches, dustbins, etc.



Navin Marathi School

Sanitation Facility-



* Toilet for Staff (2 Nos.)

*Urinal & toilet for girl's (One toilet and 5 Nos. urinals)



*Urinal & toilet for boy's (One toilet and 5 Nos. urinals)

Toilet Facilities: The girl's and boy's toilets are maintained, and have proper lights and exhaust fans installed. There is one basin inside each toilet, which is not adequate. There are two taps for water supply in each toilet. There are no buckets, dustbins, or sufficient hand wash in student's toilets.

There is a separate toilet for staff including basin and other basic facilities such as hand wash buckets, water supply etc. The toilets are connected to the septic tanks, which outlets are let to the main drainage line. The toilets have proper doors and windows.

Other Facility-



*Water container, exhaust fan & water connections in the toilets

Observations:

Water Supply: Nagar Palika water connection in taps is used for drinking purposes. The timings are daily 1 hour in the morning and 1 hour in the evening every alternate days. There are two tanks of 1000 liters each for storage of water. The school uses bore water for toilets. In case of irregular water supply barrels for storing water are provided in the toilets. The existing water supply is sufficient for using as well as drinking purposes.

Maintenance: The school administration has appointed a worker for cleaning and maintenance of all sanitary facilities in the school. The toilets are daily cleaned with phenyl and liquid two times a day i.e. before school and after mid-day.

Dustbins are provided in each classroom, corridors and in staff toilets. Daily the waste is collected and dumped in the nearby Nagar Palika dust bin, which is collected by the municipality van.

Demand assessment-

*As per National Building Code

Girls' Toilet

Sr No.	Provisional head	Numbers to be provided as per norm	Availability	Gap (Nos. required)	Remarks
1	Girls toilet squatting pan	1 Unit for every 40 girls+ Lady teacher	1 Toilet	5	Day school without residential facility.
2	Girls toilet for CWSN	At least 1 unit for in a girls' toilet block	0	1	in case only 1 girls' toilet is needed in a school, this single toilet must be designed for CWSN'. In case more toilets are needed, the others need not cater to CWSN.
3	Wash tap in girls toilet	1 tap in each toilet	1	5	Located conveniently for use by children as well adults.
4	Clothes hanging hook	Hooks in each toilet	0	6	At least 2 hooks at different child accessible heights- suitable for a 5 year old child to an adult.
5	Niche in wall	1 niche in each toilet	0	6	Recessed in the wall to keep sanitary napkins.
6	Ventilation arrangement	1 opening for ventilation in each toilet	1	5	Size 450x450 at a height and location that allows sunlight to penetrate for a few hours in a day for self drying.
7	Door	1 door in each WC	1	5	Door to be 2100mm high with child accessible latching arrangement

Girls' Urinal

8	Girls' urinal	1 unit for 20 girls	5	7	With partitions. Two minutes waiting/queuing for using the facility at peak hours.
9	Self cleaning system	1 flushing system in each urinal	5	7	Any flushing system that washes the soiled surface with minimal water is acceptable. Use of recycled water is desirable. Use of standard urinal or toilet flush is not compulsory.
10	Ventilation arrangement	1 opening for ventilation in each urinal	0	12	Height and location that allows sunlight to reach the floor for few hours in a day for self drying.
11	Screen door	1 door for each urinal	0	12	Screen door to be 1500mm high with child accessible latching arrangement.

Demand assessment-

*As per National Building Code

Boys' toilet					
Sr No.	Provisional head	Numbers to be provided as per norm	Availability	Gap (Nos. required)	Remarks
12	Boys' toilet squatting pan	1 unit for every 80 boys+male teacher	1	1	Day school, without residential facility. In case only 1 boys' toilet needed in a school, this single toilet must be designed for CWSN. In case more toilets are needed, the others need not cater to CWSN.
13	Boys' toilet for CWSN	Atleast 1 unit in a boys' toilet block	0	1	
14	Wash tap in boys' WC	1 tap in each WC	1	1	Located conveniently for child as well as adult use.
15	Clothes hanging hook'	2 hooks in each WC	0	2	hooks at different child accessible heights from 5 year child to adult use.
16	Ventilation in each toilet	1 opening for ventilation in each toilet	1	1	Size 450x450mm at a height and location that allows sunlight to penetrate for few hours in a day for self drying.
17	Door	1 door in each WC	1	1	Door to be 2100mm high with child accessible latching arrangement.
Boys' Urinal					
18	Boys' Urinal	1 urinal for every 20 boys + male teacher	5	2	With partitions
19	Self cleaning system	1 flushing system in each urinal	5	2	Any flushing system that washes the soiled surface and works with minimal water is acceptable. Use of recycled water is desirable. Us of standard urinal or toilets flush is not compulsaory.
20	Ventilation arrangement	1 opening for ventilation in each urinal	0	7	Height and location that allows sunlight to penetrate to the wet wall/urinal open and floor for a few hours in a day for self drying.

Demand assessment-

*As per National Building Code

Hand Wash					
Sr No.	Provisional head	Numbers to be provided as per norm	Availability	Gap (Nos. required)	Remarks
21	Hand wash	Minimum of 2. one wash tap for every 20 children	0	20	can be provided (toilet/urinal) as common/ separate for gilrs and boys' toilet blocks.
22	Hand wash MTDM kitchen	Minimum of 3. one wash tap for every 20 children	0	20	To be provided near MTDM kitchen. Preferably, should be segregated and separate from toilets hand wash for hygiene purposes.
23	Soap tray with soap	1 with every two wash taps	0	8	soap type can be according to feasibility.
24	Mirror	1 in each hand wash unit	0	20	
25	Wash water storage tank	Minimum 500 liters for a school of up to 100 children	2 Numbers wash storage tank- Capacity 500 liters (2 barrels)	1460	Subsequent calculation @5 liters per child. the tank capacity does not include a buffer storage reserve in case of emergency.

Toilets are well maintained and adequate. Need for separate school complex.