



Department of
Environment, GNCTD

Delhi Pollution
Control Committee



9th Meeting of HLC

REJUVENATION OF RIVER YAMUNA

Previous meetings: 20th Jan, 14th Feb, 14th Mar , 21st Apr, 09th June, 10th Aug, 10th Oct 2023, 10th Jan 2024

**To Review progress in implementation of Action Plan &
Vetting of Status Report filed before Hon'ble NGT**

20th Feb 2024

(Nizamuddin West Association Vs Uol)

That this Hon'ble Tribunal vide order dated 09.01.2024 was pleased to ordered that:

".....3. Reports must disclose each drain which is discharging treated or untreated effluent in river Yamuna in state/NCT concerned, total quantity of treated/untreated discharge by that drain in river, STPs set up on that drain at different locations and end point local body which is ultimately responsible to ensure that no untreated discharge takes place from drain".

4. ... Delhi stretch alone is responsible for 76% of river's pollution. NCT of Delhi has 11 Districts....A District-wise approach may be undertaken for rejuvenation of river Yamuna in Delhi.

5. As per River Ganga (Rejuvenation, Protection and Management Authorities Order, 2016, every District Level Committee has powers and responsibility in relation to River Ganga and its tributaries flowing through it.

(Nizamuddin West Association Vs Uol)

6. ...deficient in following aspects:-

- 1) *Out of 22 drains meeting river Yamuna, only nine drains tapped and untapped 13 drains still discharging huge quantity of sewage (2976.4 MLD)*
- 2) *Najafgarh and Shahdara drains which are major source of sewage discharge (507.4 MGD), are said to be not feasible for interception. No timeline is disclosed for completion of Interceptor Sewer Project to divert flow of these two drains.*
- 3) *There is a gap of 222 MGD in sewage treatment thus untreated sewage discharged into Yamuna. For assessing factual status, sewage being discharged through drains and sewage diverted to STPs to be accounted for.*
- 4) *No data provided for fecal coliform. Performance results provided by CPCB in their report on 09 STPs, show only two STOs meeting with FC norms...*

(Nizamuddin West Association Vs Uol)

1. I.A. No. 72/2024 filed on behalf of applicant-Nizamuddin West Association seeking certain direction in respect of Barapulla drain.
2. Issue notice on Interlocutory Application.
3. Learned Counsel present for some of the respondents have accepted notice. Let copies of IA be supplied to them within three days. Applicant will serve respondents who are not represented

Next Date of Hearing : 25.04.2024

Achievements of HLC (Since Jan, 2023)

S. No.	Achievement	Status in Jan, 2023		Status in Jan, 2024
1.	Improvement in water quality of Yamuna in 2023 in comparison to corresponding months of 2022	Improvement in Water Quality of River Yamuna in respect of BOD		
			Dec. 2022	Jan, 2024 % Improvement
		ISBT (Middle Point)	46 mg/l	37mg/l (20%)
		Okhla Bridge	68 mg/l	44mg/l (35%)
		Asgarpur (Exit Point)	73 mg/l	54 mg/l (26%)
2.	Increase in treatment capacity	632 MGD		667 MGD (35 MGD)
3.	Increase in treatment	530 MGD		565 MGD (35 MGD)
4.	Significant progress in major projects: a) Construction of new STP at Okhla	76.7%		94.85%
5.	b) Construction of new STP at Sonia Vihar	38.84%		86%
6.	c) Rehabilitation/ upgradation of STPs at i. Rithala Phase II	29%		100%

Achievements of HLC (Since Jan, 2023)

S.No.	Achievement	Status in Jan, 2023	Status in Jan, 2024
7.	Rehabilitation/ upgradation of STPs at ii. Kondli Phase II (Liquid stream started on 24.06.2023)	85%	Under Test & Trial run
8.	Rehabilitation/ upgradation of STPs at iii. Kondli Phase IV	07%	84%
9.	Allotment of land for DSTPs	Land at 19 location allotted out of 40 DSTPs	
10.	Trapping of sub drains -Najafgarh, Supplementary Drains	06	50 (44)
11.	Laying of Sewerage network in unauthorized colonies	747 No	1064 No (317)
12.	Connection of JJ Clusters with the sewerage networks/ DSTPs	558	580 (22)
13.	Desilting of sewer more than 1000mm dia.	0	66.29Km
14.	Desilting of sewer a) Less than 1000mm dia.	0	247.25 Km
15.	Disconnection of storm water drains with sewerage system	183 storm water drains disconnected	
16.	Removal of encroachment from flood plain of Yamuna	102.93 Ha made encroachment free	

Yamuna Water Quality : Jan., 2023 & Jan., 2024

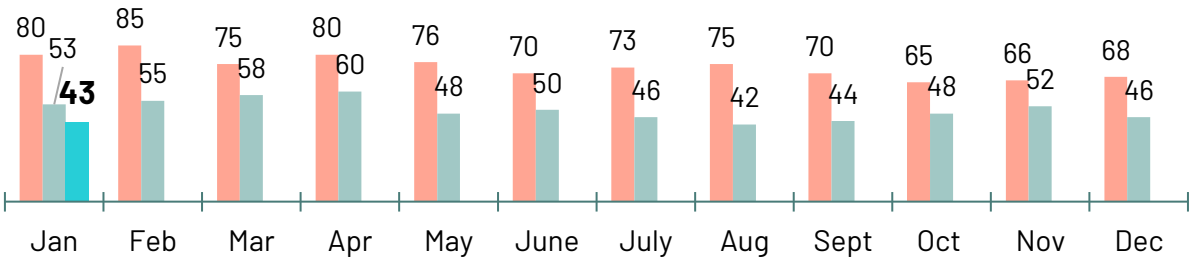
S. No.	Location	Water Quality Criteria ('C' Class)							
		COD (mg/l)		BOD (mg/l) 3mg/l or less		DO (mg/l) 5mg/l or more		Fecal Coliform MPN/100ml 500(desirable) 2500 (max permissible) (in lakh)	
		Jan, 2023	Jan, 2024	Jan, 2023	Jan, 2024	Jan, 2023	Jan, 2024	Jan, 2023	Jan, 2024
1	ISBT Bridge	152	128	38	37	0	0	1	0.17
2	ITO Bridge	106	101	35	31	1	0.3	0.81	0.12
3	Nizamudin Bridge	160	152	42	42	0	0	0.14	0.22
4	Okhla Barrage	176	168	48	44	0	0	2.3	2.4
5	Agra Canal at Okhla Barrage	160	176	44	47	0	0	1.7	2.7
6	River Yamuna at Asgarpur (After confluence of Shahdara & Tuglakabad drain)	186	181	56	54	0	0	2	3.1

Water Quality of Untapped Outfalling Drains into Yamuna (Jan., 2023 & Jan., 2024)

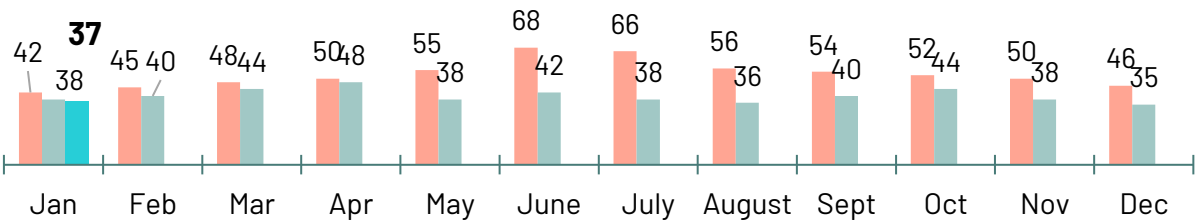
S.No.	Name of Drain	TSS (mg/l)		COD (mg/l)		BOD (mg/l)	
		Jan, 2023	Jan, 2024	Jan, 2023	Jan, 2024	Jan, 2023	Jan, 2024
Standards		100		250		30	
1	Najafgarh	120	88	272	232	53	43
2	ISBT Drain (Qudsia Bagh/ Mori Gate)	124	80	208	192	44	39
3	Sen Nursing Home	132	86	266	224	50	40
4	Delhi Gate/(Power House)	112	78	224	186	53	38
5	Sonia Vihar	136	82	320	160	63	33
6	Kailash Nagar	124	70	176	170	58	36
7	Shastri Park	68	56	208	152	40	24
8	Barapulla	88	76	213	213	43	38
9	Maharani Bagh	92	84	186	220	46	41
10	Jaitpur	108	72	176	196	48	37
11	Tuglakabad	168	66	264	172	64	36
12	Shahdara	112	94	272	266	60	47

Yamuna Water Quality : BOD (mg/l) variation [Stds ≤ 3mg/l]

Najafgarh Drain



ISBT (After meeting Najafgarh Drain)

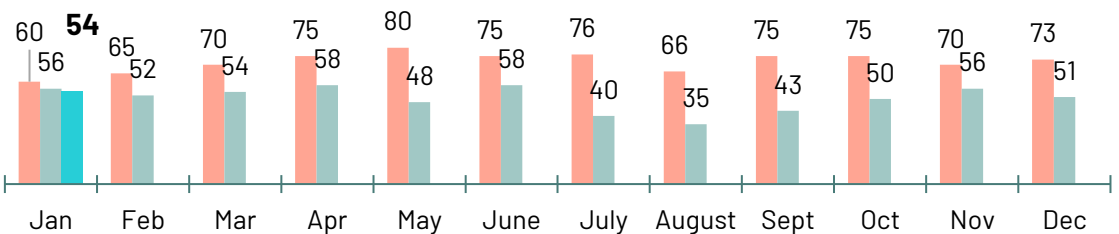


Asgarpur (D/s of Okhla Barrage after confluence of Shahdara & Tuglakabad drains)

Year: 2022

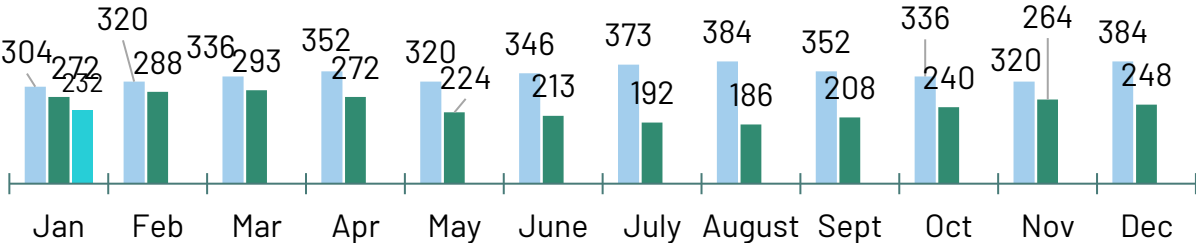
Year: 2023

Year: 2024

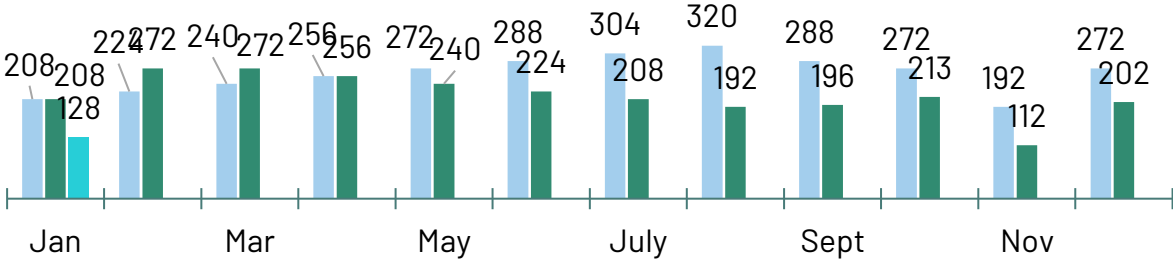


Yamuna Water Quality : COD (mg/l)

Najafgarh Drain



ISBT (After meeting Najafgarh Drain)

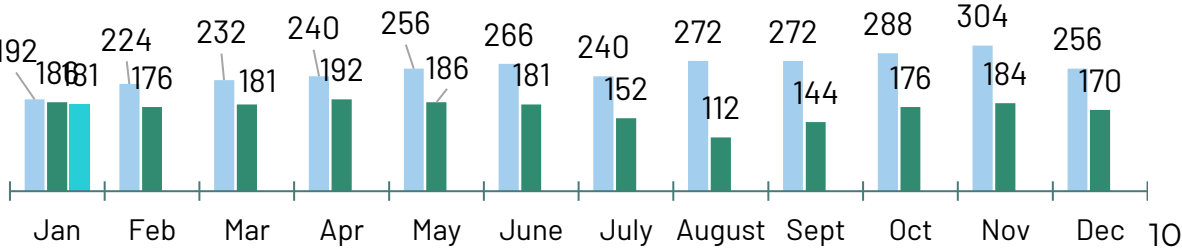


Asgarpur (D/s of Okhla Barrage after confluence of Shahdara & Tuglakabad drains)

Year: 2022

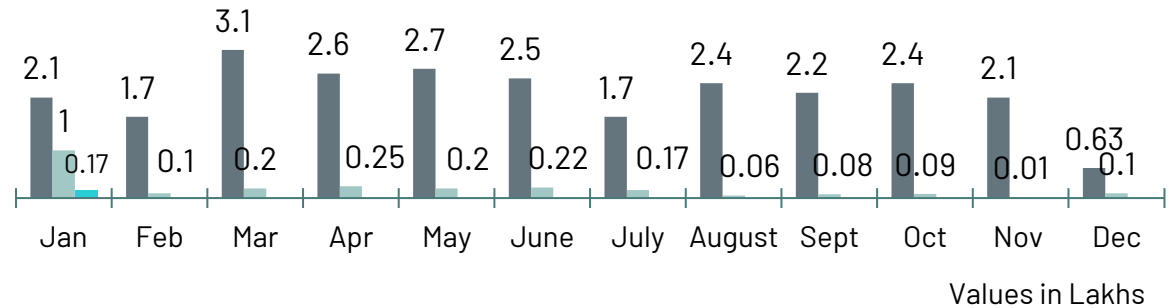
Year: 2023

Year: 2024

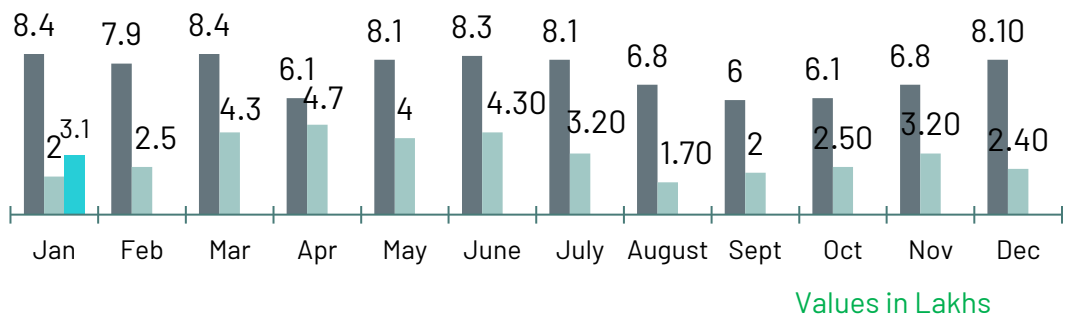


Yamuna Water Quality : FC (mg/l) variation [Std ≤ 2500 MPN/100ml]

ISBT (After meeting Najafgarh Drain)



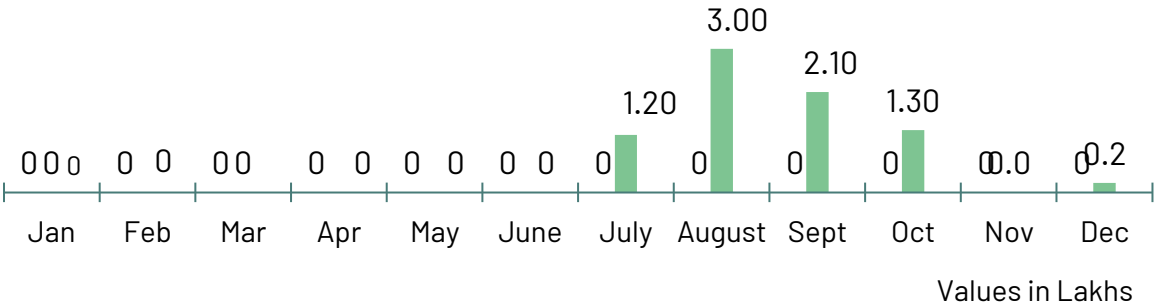
Asgarpur (D/s of Okhla Barrage after confluence of Shahdara & Tuglakabad drains)



- Year: 2022
- Year: 2023
- Year: 2024

Yamuna Water Quality: Dissolved Oxygen (mg/l) [Stds ≥ 5 mg/l]

ISBT Bridge

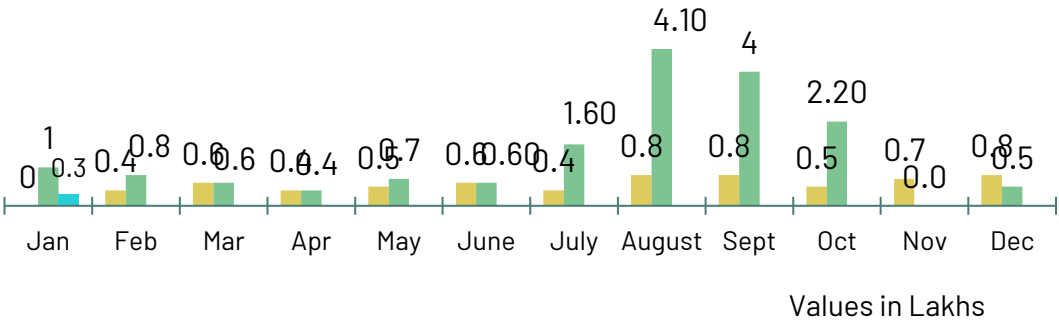


ITO Bridge

Year: 2022

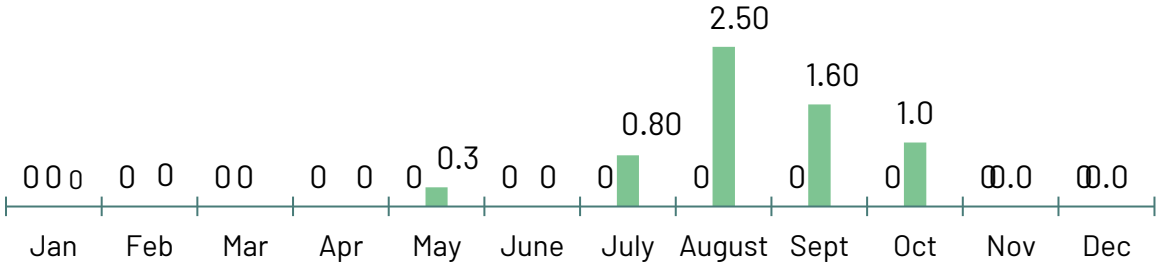
Year: 2023

Year: 2024



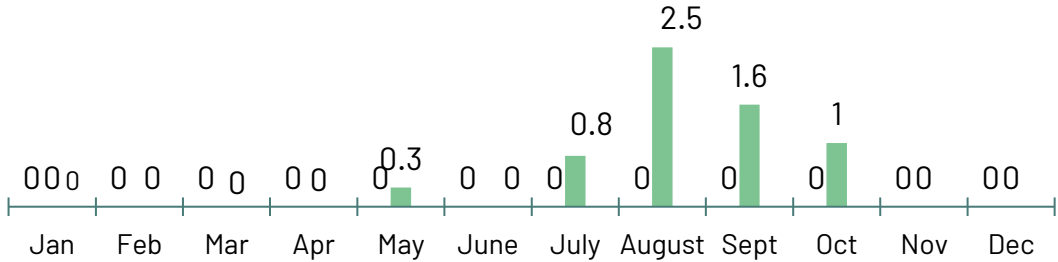
Yamuna Water Quality: Dissolved Oxygen (mg/l) [Stds ≥ 5 mg/l]

Nizamudin Bridge



Values in Lakhs

(Okhla Barrage)



Values in Lakhs

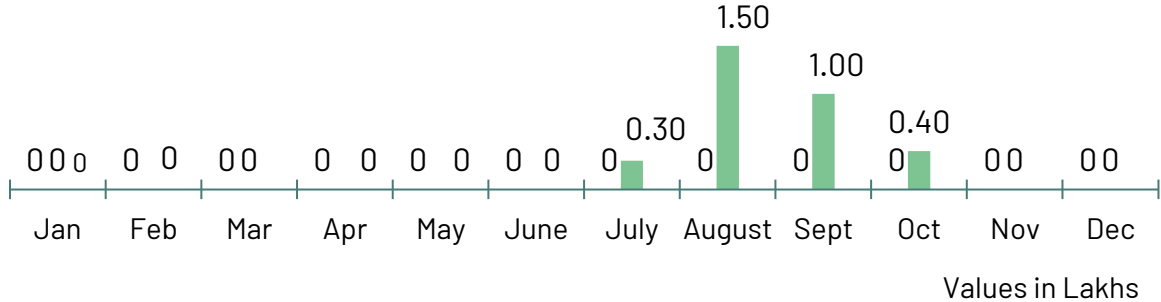
Year: 2022

Year: 2023

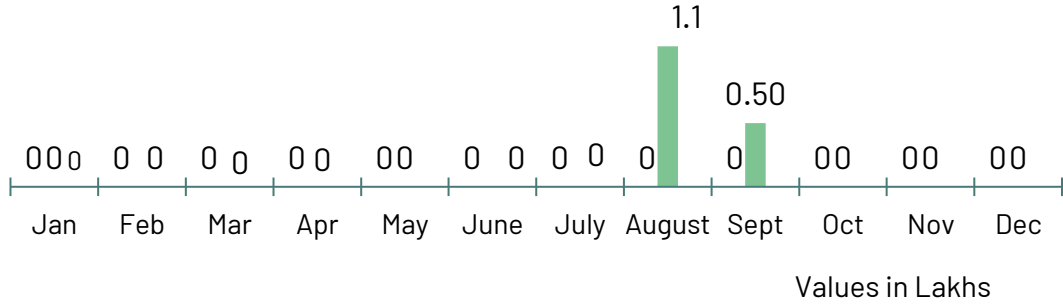
Year: 2024

Yamuna Water Quality: Dissolved Oxygen (mg/l) [Stds ≥ 5 mg/l]

Agra Canal at Okhla Barrage



River Yamuna at Asgarpur
(After confluence of Shahdara & Tuglakabad drain)



Year: 2022

Year: 2023

Year: 2024

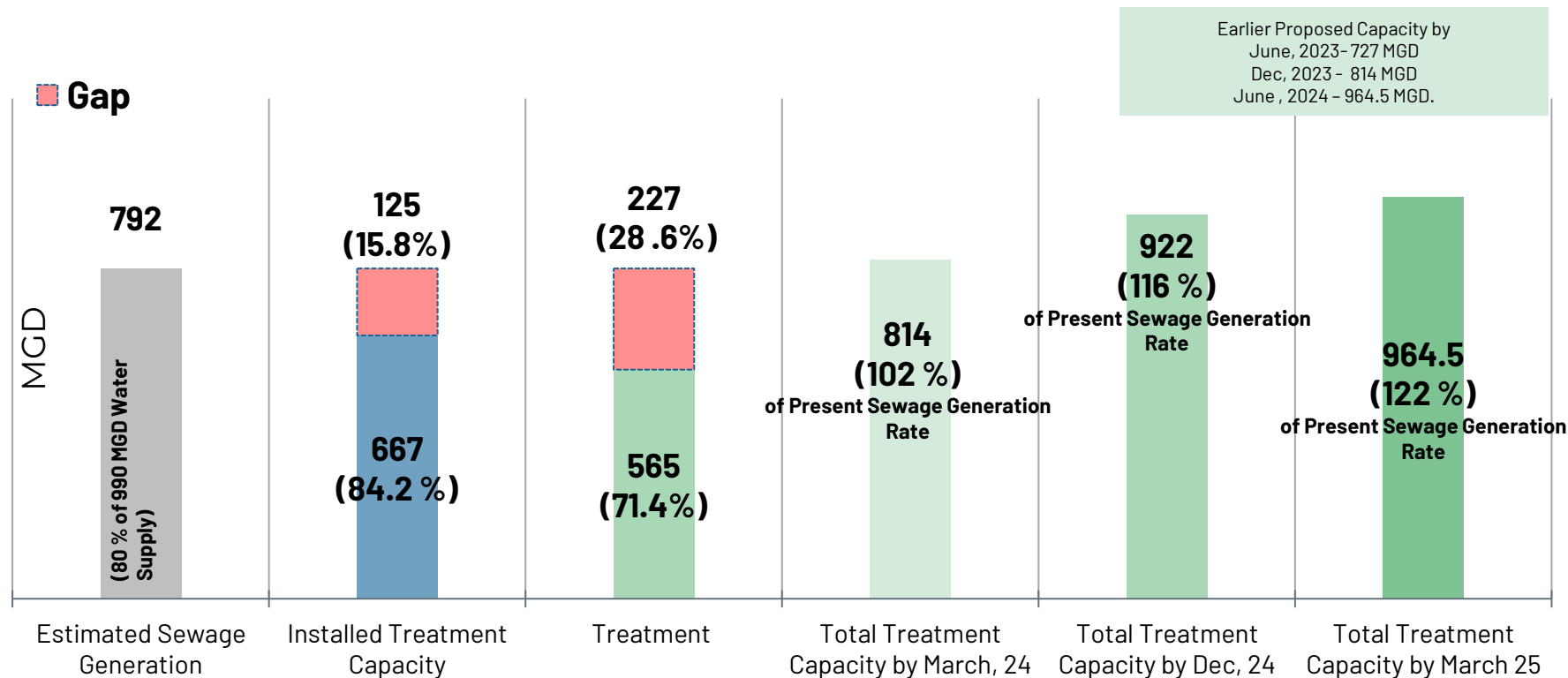
Improvement of water quality in Yamuna

Major Action points

1. 100 Percent Treatment of Sewage
2. Trapping of all Drains
3. Sewerage Network in 1799 Unauthorised Colonies and 639 JJ Clusters
4. Industrial Effluent Management by 13 CETPs
5. Faecal Sludge (Septage) Management
6. Regulation of Floodplain (By DDA)
7. Utilization of Treated Wastewater

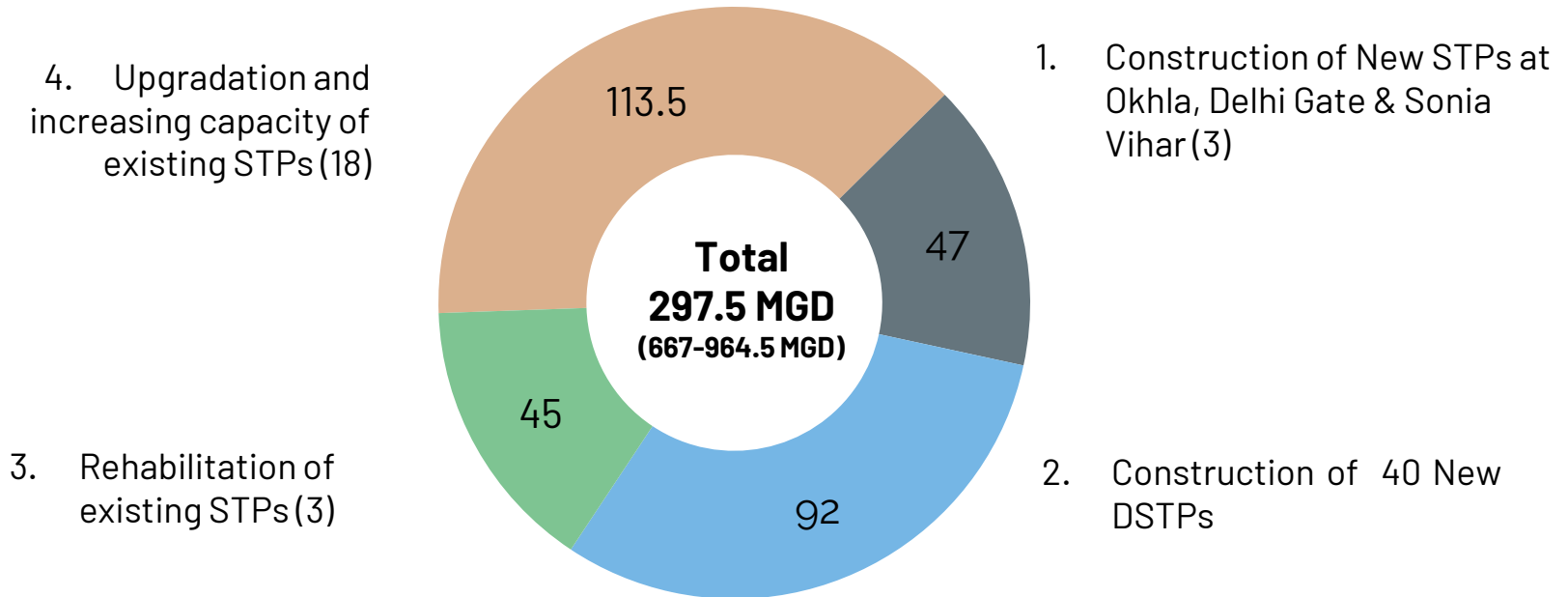
1384 Action Points

Treatment of Sewage



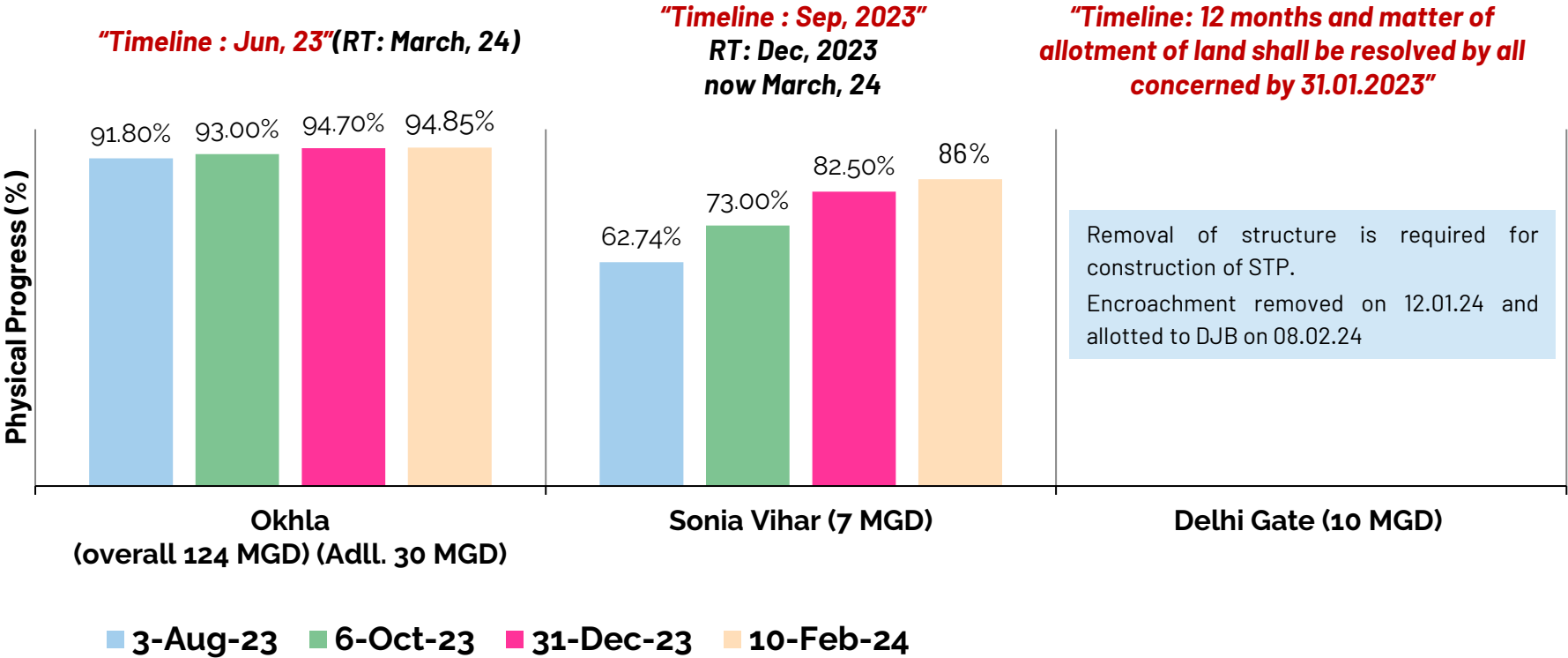
1. 100 Percent Treatment of Sewage

Focus Areas for Enhancing Sewage Treatment Capacity



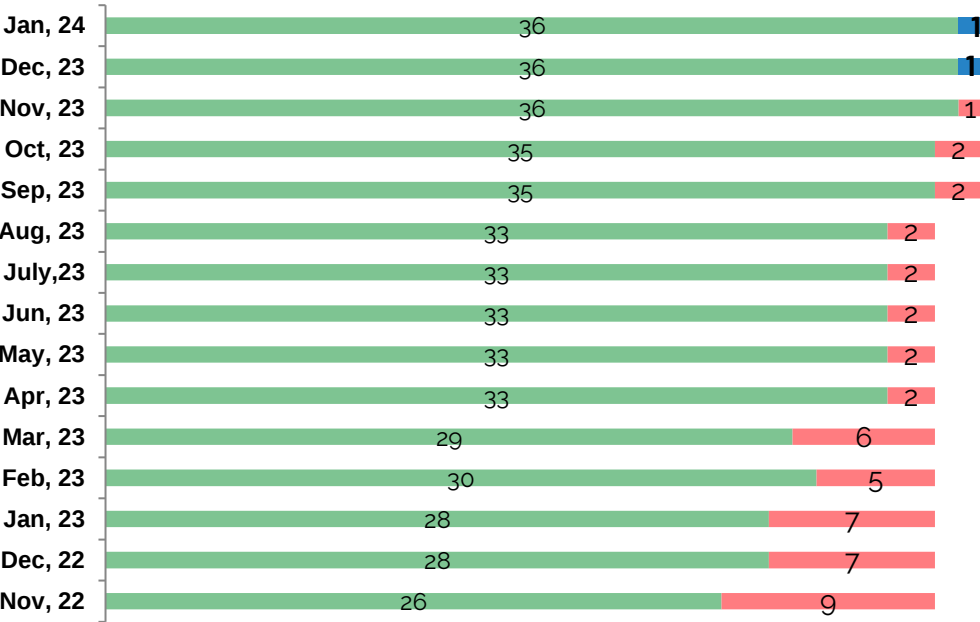
1.1 Progress in Construction of 3 new STPs

Capacity Addition: 47 MGD

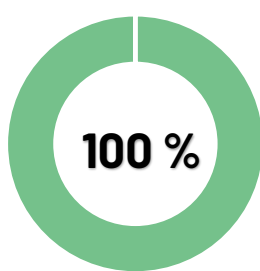


1.2 Water quality monitoring of STPs (37* in Jan, 2024)

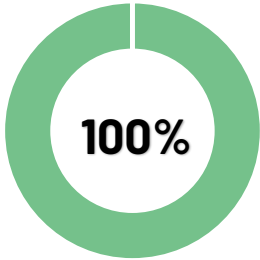
Compliance with design standards - BOD: TSS(30:50 / 20:30 / 15:20 / 10:15)



STPs meeting design standards



37/37 STP

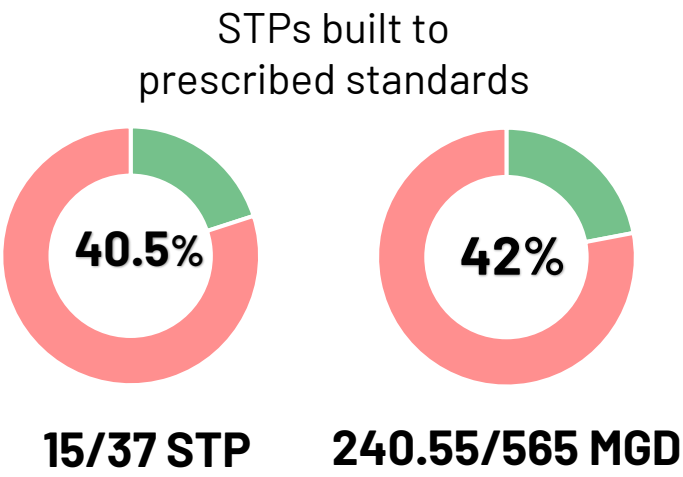
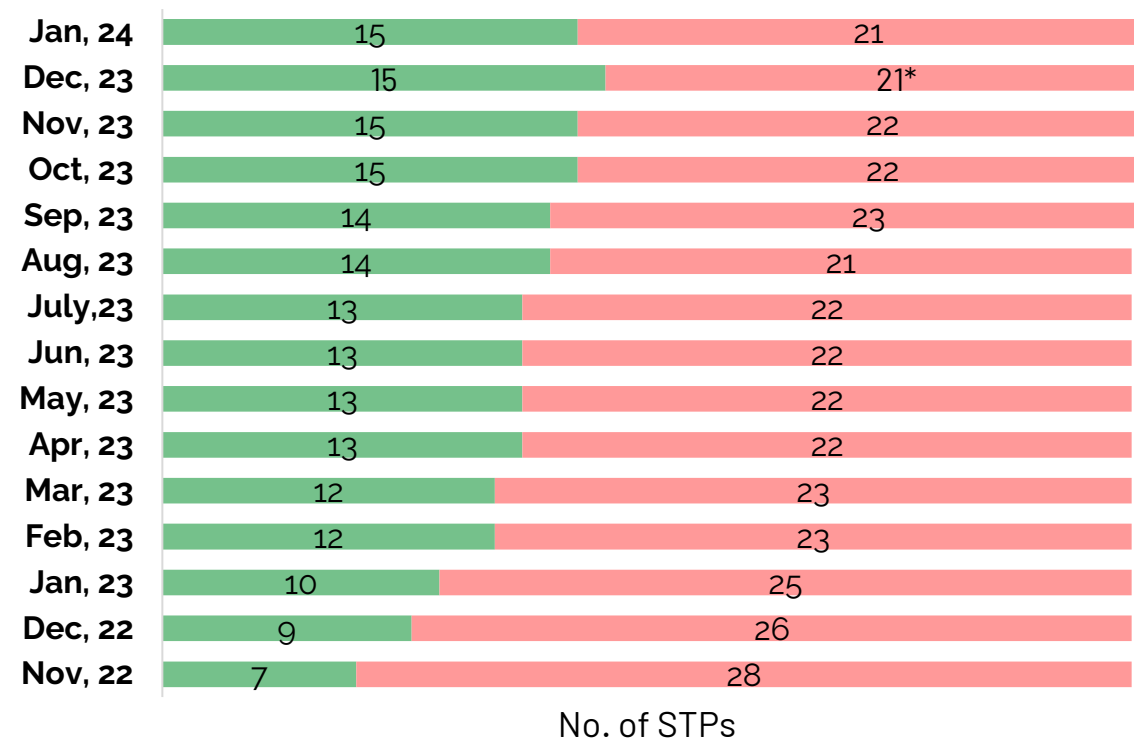


565/565 MGD

*: 02 STPs under trial run (Kondli Ph-II, Coronation Pillar Ph-III)

1.2Water quality monitoring of STPs (37* in Jan , 2024)

Compliance with prescribed standards of BOD:TSS (10:10)

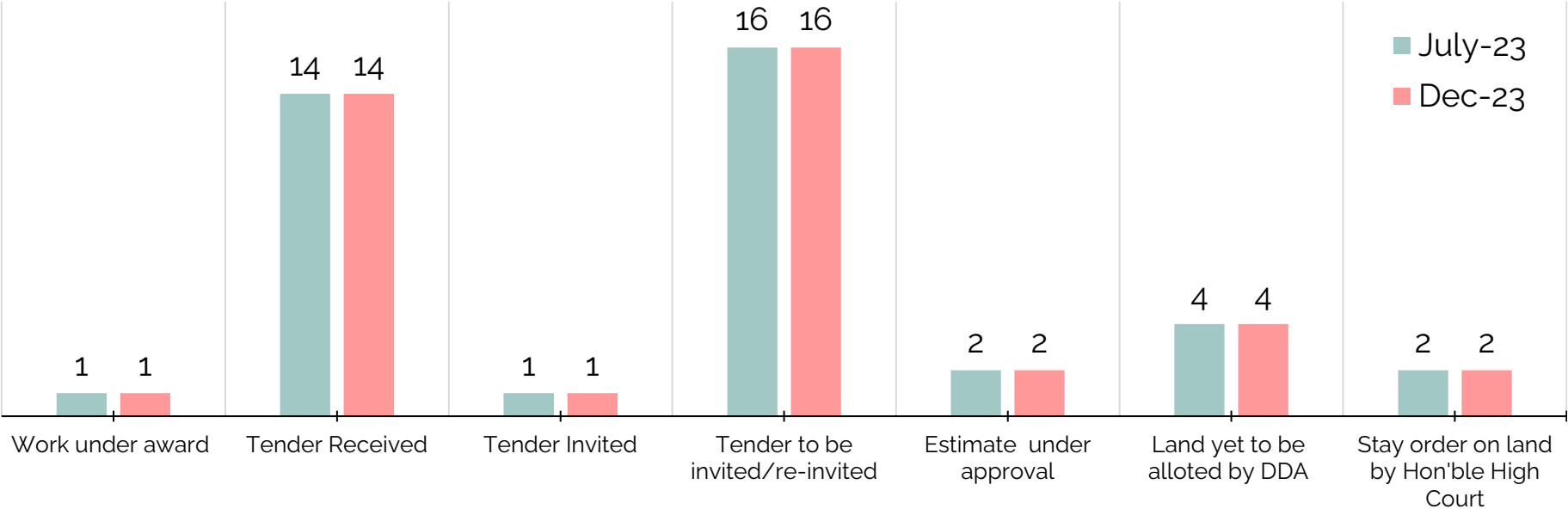


* Sample couldn't be collected at 01 STP

* Kondli Ph-II STP under Trial Run

1.2 Construction of 40 New DSTPs

40 DSTPs: Capacity Addition: 92 MGD



“Timeline : Dec, 2024”

1.2 Construction of 40 New DSTPs

40 DSTPs: Capacity Addition: 92 MGD

SNO	Name of DSTP	Capacity	Present Status
1	Mitraon	10.89	Award was placed before Board in its last meeting wherein it was decided to take up this work under AMRUT 2.0 funding. Funding from AMRUT 2.0 awaited.
2	Ghewra	0.44	Financial bid was opened and under award.
3	Kair	1.1	Tender under award. Funds are awaited under AMRUT 2.0
4	Kakrola	2.64	
5	Khanganheri	0.77	
6	Dichaon Kalan	1.98	

1.2 Construction of 40 New DSTPs

40 DSTPs: Capacity Addition: 92 MGD

SNO	Name of DSTP	Capacity	Present Status
7	Punjab Khor	0.22	Technical bid opened and bid is under evaluation,
8	Jat Khor	0.22	
9	Qutubgarh	0.66	
10	Auchandi	0.88	
11	Mohammadpur Majri & Karala	2.86	Financial bid opened and under process of award.
12	Kanjhawala & Ladpur	1.1	
13	Nizampur and Sawda	1.32	
14	Garhi Rindhala	0.22	

1.2 Construction of 40 New DSTPs

40 DSTPs: Capacity Addition: 92 MGD

SNO	Name of DSTP	Capacity	Present Status
15	Jaunti	0.44	Financial bid opened and under process of award.
16	Khera Khurd	0.6	Tender received and case is under approval.
17	Zindpur	15	Tenders due on 26.12.2023(extended)
18	Sarangpur Village	1.32	During first call single bid was received. Placed before Board for award of work and it was directed to re-invite Tender. Funds awaited under AMRUT 2.0 . Tender is being re-invited
19	Galibpur Village	0.55	
20	Kazipur Village	0.55	
21	Jafarpur Village	1.32	

1.2 Construction of 40 New DSTPs

40 DSTPs: Capacity Addition: 92 MGD

SNO	Name of DSTP	Capacity	Present Status
22	Khera Dabar Village	0.55	During first call single bid was received. Case was placed before Board for award of work and directed to re-invite Tender. Funds of these DSTPs are awaited under AMRUT 2.0 . Tender is being re-invited
23	Hasanpur Village	1.32	
24	Shikarpur Village	0.66	
25	Chandanhola Satbari	0.44	Land allotted, Combined NIT alongwith other DSTPs of Chhatarpur area under HAM model is under finalization
26	Tajpur Pahari	10	NIT of DSTP on HAM model is under finalization and Tender to be invited.
27	Jauna Pur-I	3.18	Balance land about 2 Bigha 12 Biswa taken over from Revenue Deptt. on 02.01.2024. NIT being prepared and Tender to be invited.
28	Jauna Pur-II		
29	Dera Mandi , Bhati		
30	Fatehpur Beri & Asola		

1.2 Construction of 40 New DSTPs

40 DSTPs: Capacity Addition: 92 MGD

31	Salapur Majra	1.38	Draft NIT under approval with legal cell. Tender to be invited.
32	Bajitpur Thakran	2.2	
33	Palla (Sungarpur)	0.44	Possession of Land taken on 10.08.2023. Estimate for DSTP prepared and under approval
34	Tajpur	1.1	
35	Rangpuri	5	Land issue
36	Chattarpur Extension	0.38	Land issue
37	Maidan Garhi (Rajpur Khurd)	0.95	Land issue

1.2 Construction of 40 New DSTPs

40 DSTPs: Capacity Addition: 92 MGD

SNO	Name of DSTP	Capacity	Present Status
38	Nayabans	4.4	Land issue
39	Tajpur Khurd	7.92	Land issue
40	Tikri Kalan	1.32	

1.2 Land Issues

Land Issues (19 DSTP & 10 SPS)

S.No	Particulars	Department	Numbers		Resolved	
			DSTP	SPS	DSTP	SPS
1	06 DSTP & 06 SPS land	DDA	6	6	3	4
2	05 DSTP & 01 SPS land allotted by DDA but not handed over yet	DDA	5	1	2	3
4	Gram Sabha Land for DSTP	Revenue	4	0	3	0
5	Private Land to be acquired (2 DSTP & 1 SPS)	Revenue	2	1	0	0
6	2 DSTP land allotted by Revenue and handed over, but under dispute	Revenue	2	0	2	0
7	SPS land	DUSIB	0	1	0	1
8	SPS land	Police	0	1	0	1
Sub-Total			19	10	10	9
Total			29		19	

1.2. Land Issues (DDA)

05 DSTP and 02 SPS

S. No.	District	Village	Status as on 25.12.2023	Present Status
1	New Delhi	Rangpuri (DSTP)	DJB shared with DDA on 12.10.2023. Land parcel identified by DDA. Demolition program held on 12.12.2023. Area carved out and to be allotted. Joint inspection for identification of land on 05.12.2023	Land allotted to DJB on 15.01.2024, payment awaited. For identification of land for SPS/lift station, joint inspection held on 05.12.2023. site was not feasible, another joint inspection held on 08.02.2024 with DJB, report is expected. Allotment process will be completed Feb, 2024.

As per decision taken in meeting of Air Field Environment Management Committee (AEMC) on 26.10.2023, DJB to expedite work of construction of STP for sewage accumulated at Rangpuri Pahadi and submit timeline in coordination with DDA.

1.2. Land Issues (DDA)

05 DSTP and 02 SPS

S. No.	District	Village	Status as on 25.12.2023	Present Status
2	South west	Chattarpur Extension (DSTP)	Land is yet to be allotted by DDA (GNCTD has verified TSS on 22.09.2023)	Land yet to be allotted by DDA. Carving out/locating of land is being carried out by DDA.
3	South west	Maidan Garhi (Rajpur Khurd) (DSTP)		Land yet to be allotted by DDA. Joint Inspection done. Approval of allotment to be done by 31.03.2024.
4	South West	Salahpur Khera (SPS)	Complete waterbody is yet to be handed over to DJB. DDA informed that matter pertains to Horticulture Deptt	TSS is done and to be verified, allotment to done post verification.

1.2. Land Issues (DDA)

05 DSTP and 02 SPS

S. No.	District	Location	Status as on 25.12.2023	Present Status
5	New Delhi	Shahbad Mohammadpur (SPS)	Land is yet to be allotted by DDA. DDA informed that matter pertains to Horticulture Deptt.	TSS of area completed. DDA to hand over land to DJB with proper demarcation
6	North West	Mohamad Pur Majri (DSTP)	Not handed over due to encroachment.	Allottement done on 16.10.2023. Payment awaited from DJB.
7	North	Nayabans (DSTP)	scheme re-designed in 03 parts based upon availability of land for DSTPs at Bawana WTP. As advised by NMCG , matter is being pursued for construction of DSTP with technology which requires lesser footprint.	7000 sqms of land is required in Swantatra Nagar & Banker Village Joint inspection held on 15.12.2023 but DDA officials was unable to trace map of area. Joint Inspection to be held..

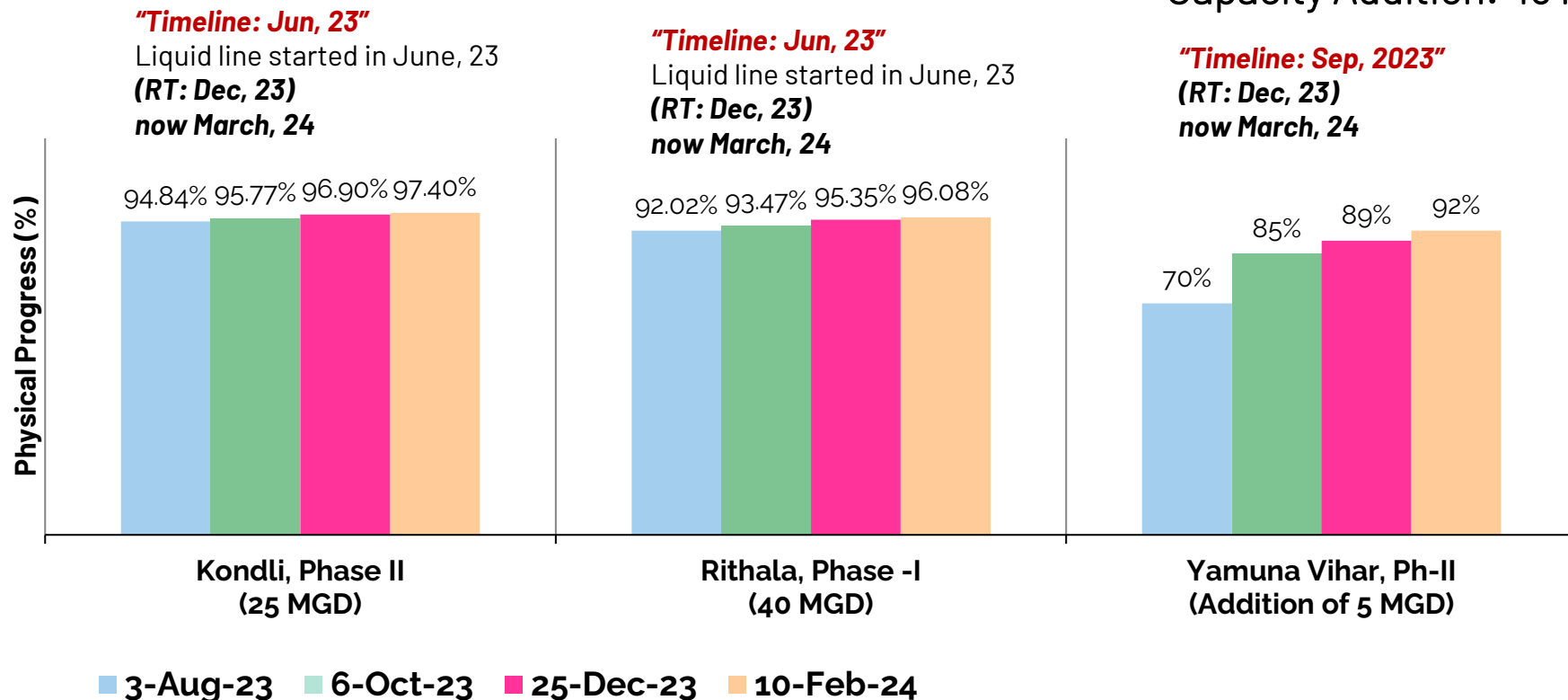
1.2 Other Land Issues

02 DSTP and 01 SPS

S. No.	District	Location	Status as on 25.12.2023	Status as on 10.02.2024
8	South -West	Tajpur Khurd (DSTP)	There is a stay in acquisition process. The orders have been reserved by Hon'ble High court of Delhi on 19.10.2023.	Earlier there was stay in acquisition process of the land by Hon'ble High court , land vacated on 24.01.2024. ADM (Southwest) & ADM (West) requested to expedite acquisition process
9	West	Tikri Kalan (DSTP)		
10	Shahdara	Milan Garden Lift station (SPS)	-	-

1.3 Progress in Rehabilitation of existing 3 STPs

Order
Para No.
3.1.3

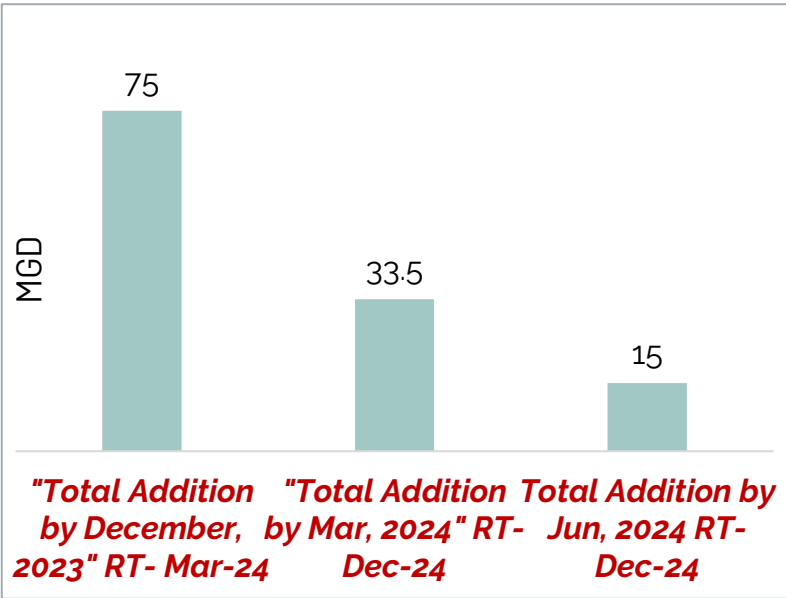
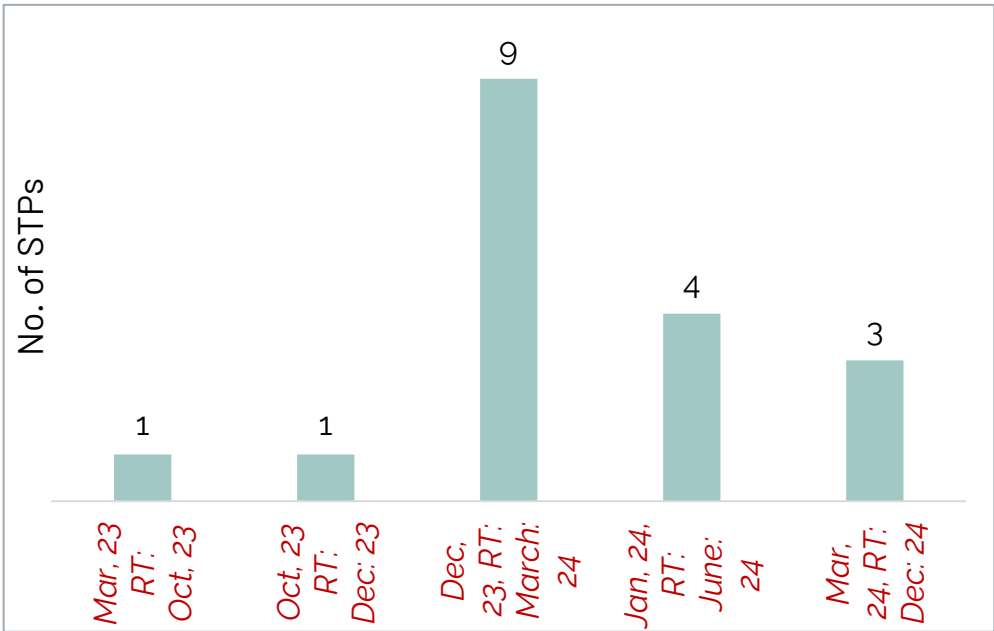


1.4 Upgradation of Existing 18 STPs

Order
Para No.
3.1.4

Capacity Addition: 123.5 MGD

Timeline for completion – June, 2024 **RT: Dec, 2024**
Total : 123.5 MGD



1.4 Upgradation of Existing 18 STPs

O.A. No.
06/2012

(Nizamuddin West Association Vs UoI)

Sr. No.	Name of STP	Existing Capacity	Enhanced Capacity (In MGD)	Status as on 25 th Dec, 23	Status as on 10 th Feb, 24	Timelines
1.	Rithala Phase-II	40	40	100% (Completed)	100% (Completed)	<i>"Mar, 2023"</i> <i>RT: Oct, 23</i>
2.	Kondli Phase-IV	45	45	78%	84%	<i>"Oct, 2023"</i> <i>RT: Dec, 23</i> <i>Now, Feb, 24</i>

1.4. Upgradation of Existing 18 STPs

Sr. No.	Name of STP	Existing Capacity	Enhanced Capacity (In MGD)	Status as on 25 th Dec, 23	Status as on 10 th Feb, 24	Timelines
3	Pappan Kalan Phase - I	20	30	33 %	37 %	"Dec: 2023" RT: March, 2024"
4	Nilothi Phase -II	40	60	33 %	37 %	
5	Najafgarh	5	5	45%	50%	
6	Keshopur Phase -II	20	20	45%	50%	
7	Keshopur Phase-III	40	60	45%	50%	
8	Rohini Sector 25	15	25	39.5%	44%	
9	Narela	10	15	39.5%	44%	
10	Coronation Pillar Phase -I & II	20	20	39.5%	44%	
11	Coronation Pillar Phase -III	10	10	39.5%	44%	

1.4. Upgradation of Existing 18 STPs

Sr. No.	Name of STP	Existing Capacity	Enhanced Capacity (In MGD)	Status as on 25 th Dec, 23	Status as on 10 th Feb, 24	Timelines
12	Okhla Phase- V	16	16	Case has been put on hold due to scarcity of funds	Due to financial crunch upgradation of STPs deferred. However, effluent of these STPs is finally being discharged into Barapullah drain that is being tapped into Okhla STP. Moreover, effluent of these STPs is going to be utilized in nearby farm-houses, golf course etc.	Jan, 2024 <i>RT: Dec, 24</i>
13	Mehrauli	5	7.5			Jan, 2024 <i>RT: Dec, 24</i> <i>Now March, 25</i>
14	Ghitorni	5	7.5			
15	Vasant Kunj	5	7.5			

1.4. Upgradation of Existing 18 STPs

Sr. No.	Name of STP	Existing Capacity	Enhanced Capacity (In MGD)	Status as on 25 th Dec, 23	Status as on 10 th Feb, 24	Timelines
16	Yamuna Vihar Phase – I	10	15	4th consecutive call of tender has been done, in recent competent authority has been decided to discharge previous tender and re-invite it with open technology. Tender is yet to be invited.	4th consecutive call of tender has been done, in recent competent authority has been decided to discharge previous tender and re-invite it with open technology. Tender is yet to be invited.	June, 2024 , (RT: Dec, 2024) Now, March 25
17.	Keshopur Phase- I	12	18			June, 2024 , (RT: Dec, 2024)
18.	Yamuna Vihar Phase – III	25	55	File has been sent to competent authority for approval of Estimate.	File has been sent to competent authority for approval of Estimate.	June, 2024 , (RT: Dec, 2024) Now, March 25

1.5. Desilting (Trunk/peripheral Sewer : Approx 200 Km)

S.No.	Particulars	Total length (Km)	Cumulative Length Desilted as on 25.12.23 (Km)	Cumulative Length Desilted as on 10.02.2024 (Km)	Timelines
1.	Desilting of 90.34 Km	94.93	66.428 (70.4%)		June 23
a	Yamuna Vihar STP	7.65	7.5	7.5	Completed
b	Rithala-Rohini STP	19.21	17.05	17.05	
c	Narela STP & Coronation Pillar STP	8.05	8.026	8.026	
d	Keshopur STP	2.84	2.84	2.84	
e	Nilothi STP	4.61	1.34	1.34	RT: Dec,23 Now: June, 24
f	Kondli STP in east zone	8.76	3.472	3.65	RT: Dec,23 Now: Feb, 24
g	Dwarka STP	27.10	11.5	13.71	RT: Dec,23 Now: March, 24
h	Okhla STP	11.51	9.5	9.5	RT: Nov, 23 Now: Jan, 24
i	Desilting of gravity duct no. 1	5.20	5.2	5.2	Completed
	Total	94.93	66.428 (70.4%)	68.82 (72.5%)	
2.	Desilting of remaining 110 Km	110 (RL 42 km)	<i>Estimates under approval.</i>		"RT Jun, 24" Now: Dec, 24

1.5. Desilting of sewer line below 1000 mm Dia (Approx 442.63 Km)

New Action Point

S. No	Particulars	Total length (Km)	Cumulative Length Desilted as on 30.05.23 (Km)	Cumulative Length Desilted as on 03.08.23 (Km)	Cumulative Length Desilted as on 25.12.2023 (Km)	Cumulative Length Desilted (Km)	Timelines
3.	Desilting of Sewerlines (below 1000 mm Dia)	Earlier: 442.63 Now: 529.5	26.08	94.4 (17.8%)	162.25 (36.66%)	247.65(56%)	Dec, 23

4. Interconnections between storm water drains and sewerage system (both way)

ATR w.r.t 5th HLC

DoAs to take action for plugging/ closing points of discharge through their storm water drains into sewerage system of DJB & submit report along with list of such Points / Drains to HLC within 15 days

S. No.	Dept.	Status	No. of Drains	Remarks
1.a.	MCD	Drain Disconnected	183	
1.b.		Drain Not Disconnected	13	Action plan prepared for 13 drains [Funds requested by MCD from UD under AMRUT 2.0]
1.c.		Pertains to PWD/IFCD/DSIIDC	52	Joint survey directed by Pr. Secretary [Survey to be done]
1.d.		Not Traceable	05	
1.e.		Not Feasible	56	Details to be submitted by MCD [Submitted to DJB]
		Total	309	

4. Interconnections between storm water drains and sewerage system (both way)

MoM 8th HLC

- DOAs (PWD, IFCD, DSIIDC & MCD) to maintain their drains after Tapping of these Drains by DJB, by providing & maintaining proper screens for arresting & removal of floating materials from drains.

Status Awaited

2. Trapping of all Drains

O.A. No.
06/2012

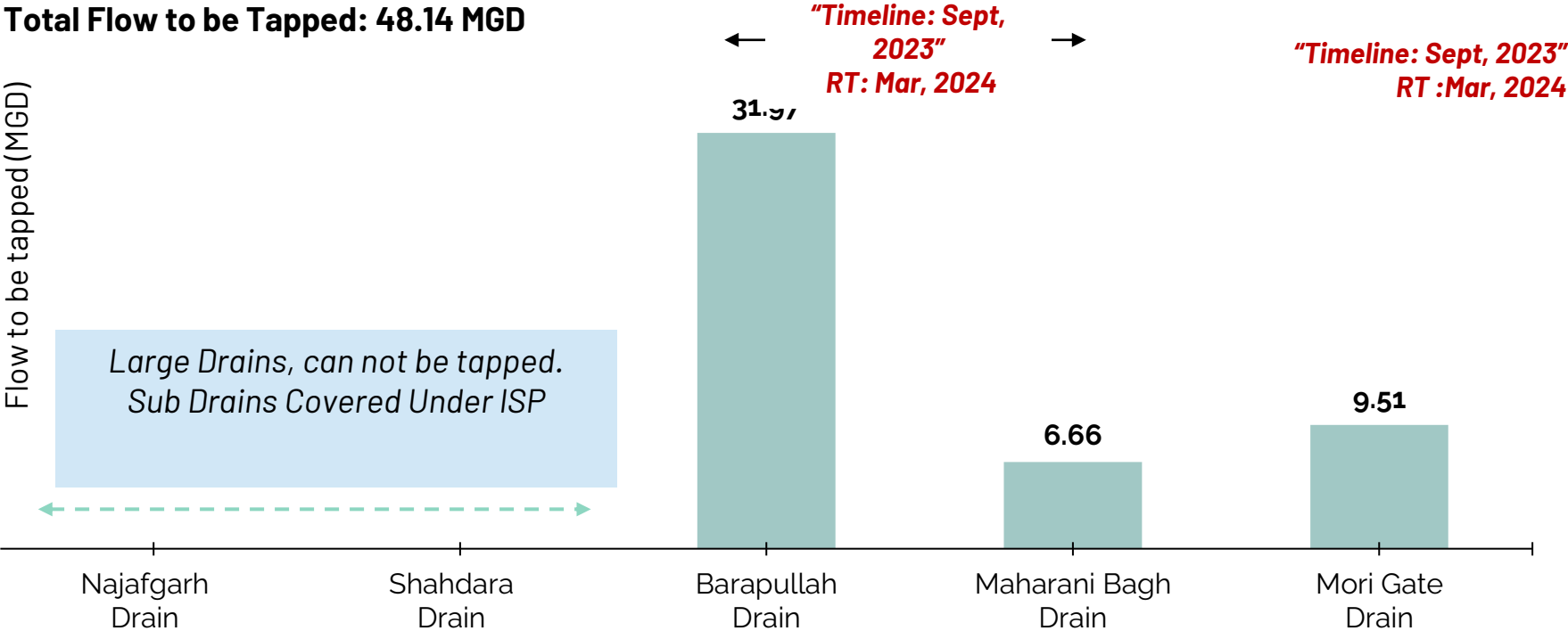
22 Drains out falling into river Yamuna in Delhi

- **02** Drains [Najafgarh (including Supplementary Drain) & Shahdara] being large drains & technically not feasible to tap whole drain (included in Interceptor Sewer Project where substantial flow of sub-drains has been / will be tapped)
- **09** Drains Tapped
- **02** Drains (Delhi Gate Drain & Sen Nursing Home Drain) Partially Tapped.
- **09** drains flow yet to be tapped / diverted to Sewer / STPs for treatment

2. Tapping of all Drains

Tapping of Drains (Remaining 3 untapped major drains)

Total Flow to be Tapped: 48.14 MGD



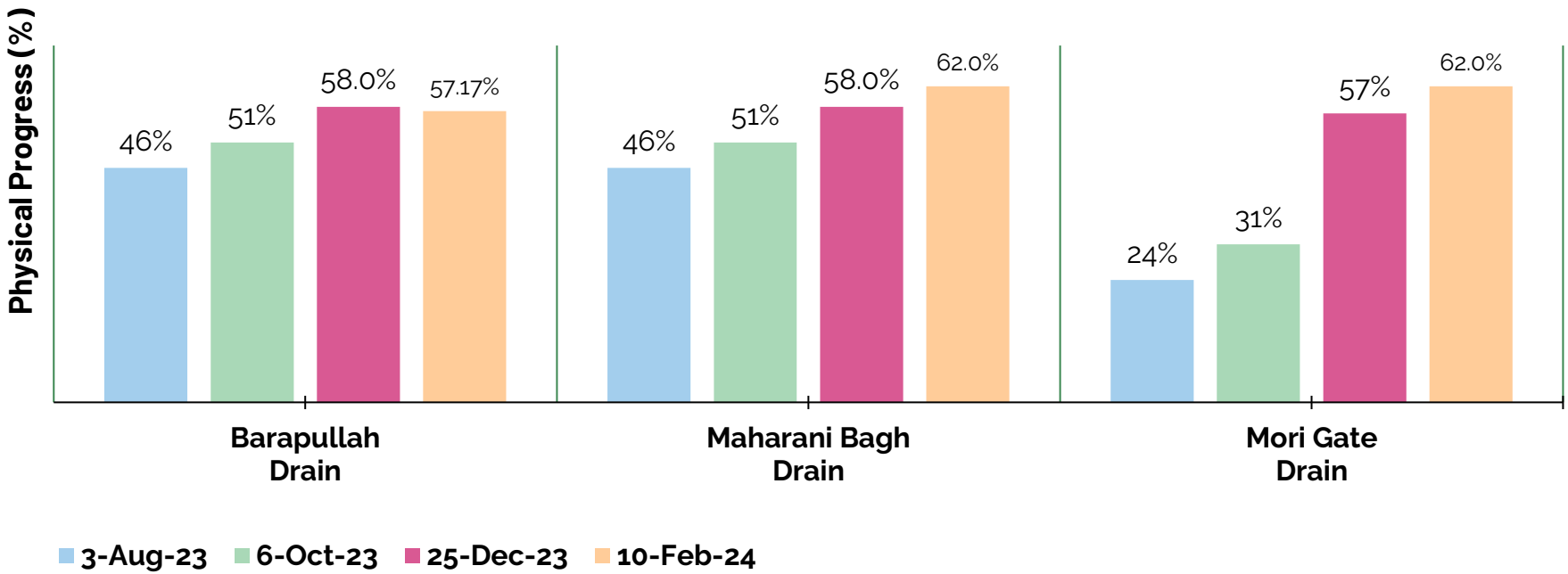
2. Tapping of all Drains

Trapping 3 untapped major drains : Total Flow to be Tapped: 48.14 MGD

"Timeline: Sept, 2023" RT:
March, 24

"Timeline: Sept, 2023" RT:
March, 24

"Timeline: Sept, 2023"
RT: March, 24



2. Tapping of all Drains {9 + 2 drains flow to be tapped}

S. No.	Drain Owning Agency	Name of Drain	Flow in MGD (As per DJB)	pH (5.5-9)	TSS (100 mg/l)	COD (250 mg/l)	BOD (30mg/l)	Status of Drain (Tapped / Partially Tapped / Untapped)	STP in which tapped waste water is treated /proposed to be treated
1	MCD	Abul Fazal	-	No Flow				No Flow observed in Sept, Oct, Nov & Dec,2023	Sewage to be tapped after completion of Batla House Sewerage scheme & to be treated at Okhla STP . RT-: Mar-24
2		Sen Nursing Home	9.51	7.1	86	224	40	Partially Tapped.	Overflow / Untapped waste water will be treated at Okhla STP after tapping into Ring Road Trunk Sewer. Timeline : Dec, 2024
3		Delhi Gate Drain/ Power House	16.55	7.6	78	186	38	Partially Tapped	2 operational STPs 15 MGD & 2.2 MGD for tapped sewage. Another STP of (10 MGD) is proposed. Land allotted by MoHUA/DDA. Payment made.

2. Tapping of all Drains {9 + 2 drains flow to be tapped}

S. No.	Drain Owning Agency	Name of Drain	Flow in MGD (As per DJB)	pH (5.5-9)	TSS (100 mg/l)	COD (250 mg/l)	BOD (30mg /l)	Status of Drain (Tapped / Partially Tapped / Untapped)	STP in which tapped waste water is treated /proposed to be treated
4	MCD	ISBT Drain (Qudsia Bagh/ Mori Gate Drain)	9.51	7.4	80	192	39	To be tapped	Proposed to be treated at Coronation Pillar STP of 70 MGD. SPS is being constructed at Kashmere Gate RT- May, 2024
5		Sonia Vihar (On Eastern Bank of Yamuna)	-	7.7	82	160	33	To be tapped	Proposed to be treated at New STP of 7 MGD. Capacity at Sonia Vihar. RT-: March, 2024
6		Kailash Nagar (On Eastern Bank of Yamuna)	-	7.3	70	170	36	To be tapped	Feasibility is worked out to divert flow to Kondli STP.

2. Tapping of all Drains {9 + 2 drains flow to be tapped}

S. No.	Drain Owning Agency	Name of Drain	Flow in MGD (As per DJB)	pH (5.5-9)	TSS (100 mg/l)	COD (250 mg/l)	BOD (30mg/l)	Status of Drain (Tapped / Partially Tapped / Untapped)	STP in which tapped waste water is treated /proposed to be treated
7	MCD	Shastri Park (On Eastern Bank of Yamuna)	-	7.1	56	152	24	To be tapped	Feasibility of construction of DSTP is being worked out with MCD, DUSIB, DDA
8		Maharani Bagh	6.66	7.6	84	220	41	To be tapped	Tapping of 09-10 MLD flow in C.V. Raman Marg Trunk sewer completed. Balance flow (20 MLD) to be tapped after completion of Batla House Sewerage scheme & to be treated at Okhla STP . RT- May-2024
9		Barapulla Drain	31.97	7.5	76	213	38	To be tapped	

2. Tapping of all Drains {9 + 2 drains flow to be tapped}

S. No.	Drain Owning Agency	Name of Drain	Flow in MGD (As per DJB)	pH (5.5-9)	TSS (100 mg/l)	COD (250 mg/l)	BOD (30 mg/l)	Status of Drain (Tapped / Partially Tapped / Untapped)	STP in which tapped waste water is treated / proposed to be treated
10	MCD	Jaitpur/ (Khadar Kalindi Kunj road)	-	7.1	72	196	37	To be tapped	Sewage to be tapped after completion of Madanpur Khadar GOC scheme & to be treated at Okhla STP . Timeline: June, 2024
11		Tuglakabad (Kalka Ji Drain merged in this drain)	5.51	7.4	66	172	36	To be tapped	Okhla STPs (170 MGD Total Capacity) Under construction for achieving BOD/TSS : 10/10 mg/L. Timeline – March, 2024.

2.1. Performance of completely tapped 11 major drains and all sub-drains

Order
Para No.
3.2.3

Direction	Timeline	Status as On 10.02.2024
DJB to undertake Performance Audit of completely tapped 11 major drains and all sub-drains through an independent agency	Feb, 2023	• Preliminary survey of 200 sub drains completed. • 126 sub-drains tapped • 36 sub-drains untapped & rest partially tapped. • Revised Timeline of Completion of work: March, 2024

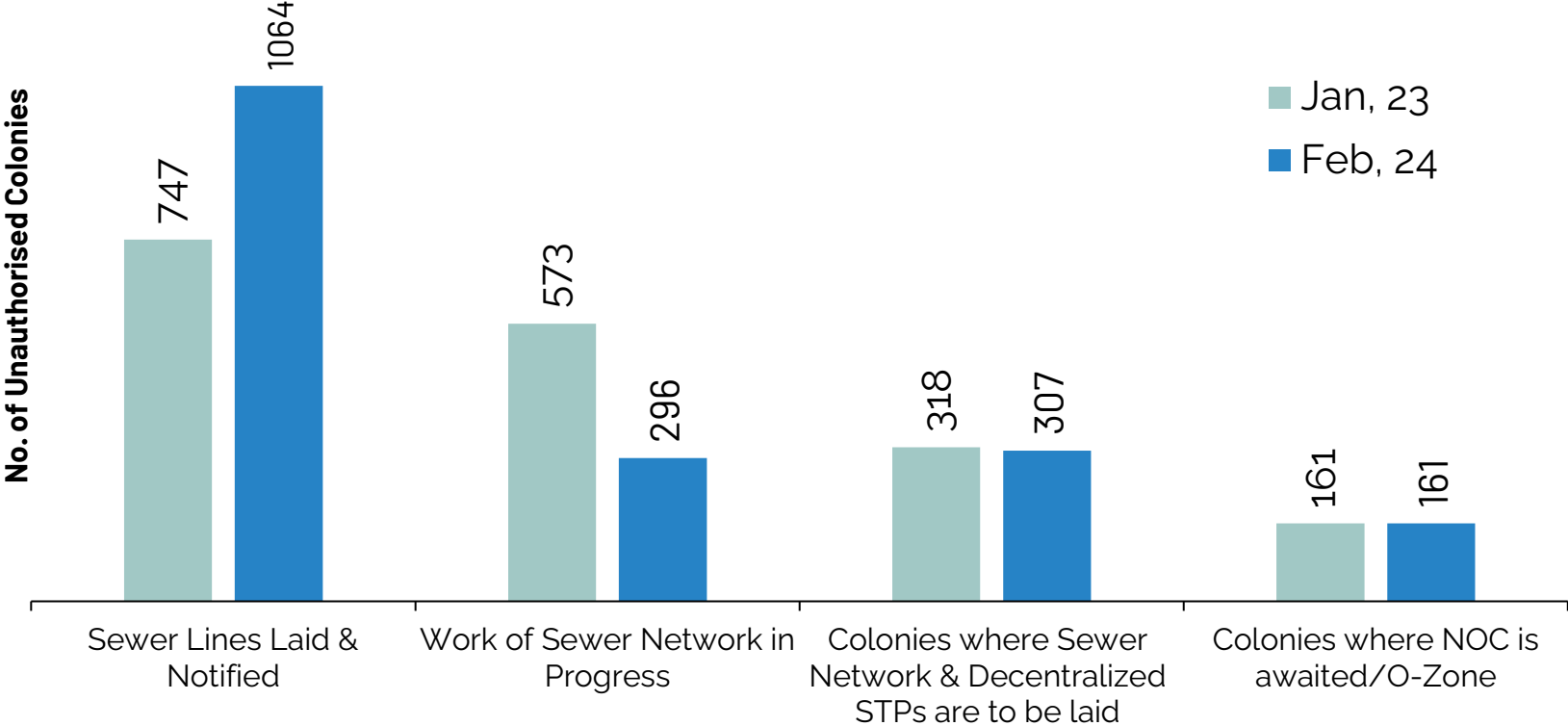
2.1. Performance of completely tapped 11 major drains and all sub-drains

Order
Para No.
3.2.3

36 sub-drains (and 26 sub-drains of Najafgarh Drain if not included in the list of such 36 sub-drains) which are yet to be tapped, and 38 partially tapped sub-drains, shall be tapped by the DJB and submit ATR

36 action plan already included in 76 plan

3.1 Sewerage Network in unauthorized colonies (1799)

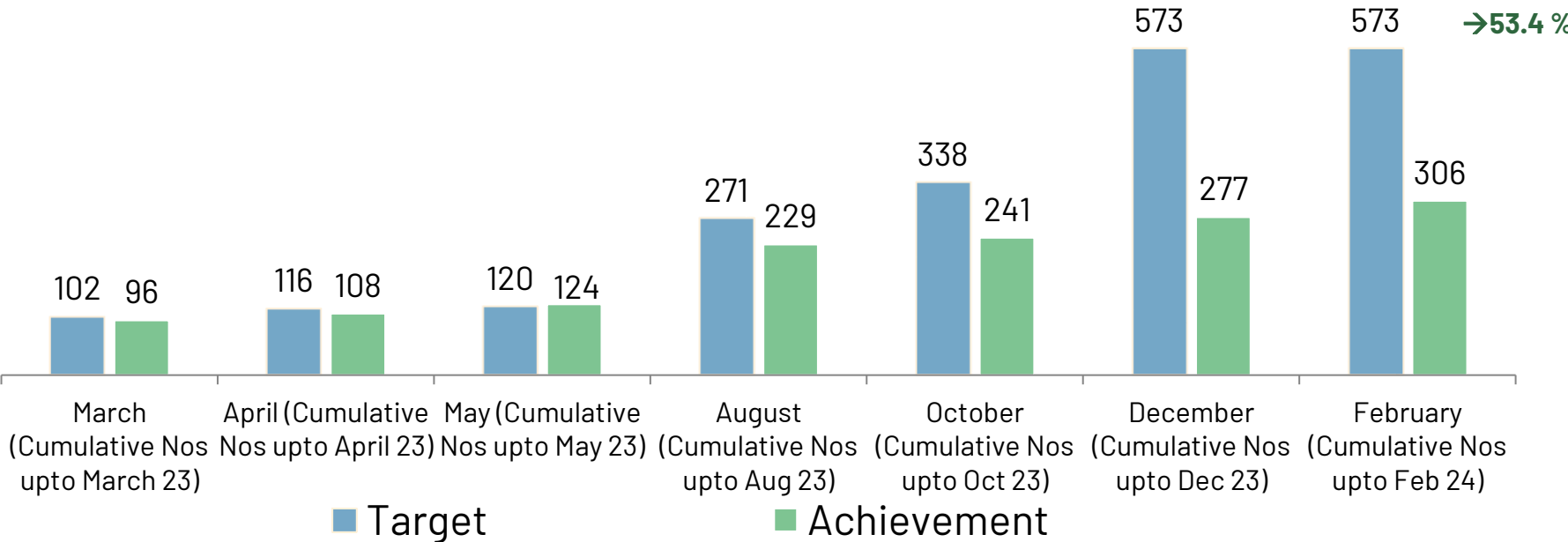


3.1.1 Status of Sewerage Networks in Progress

573 Colonies where laying Sewer Network in progress

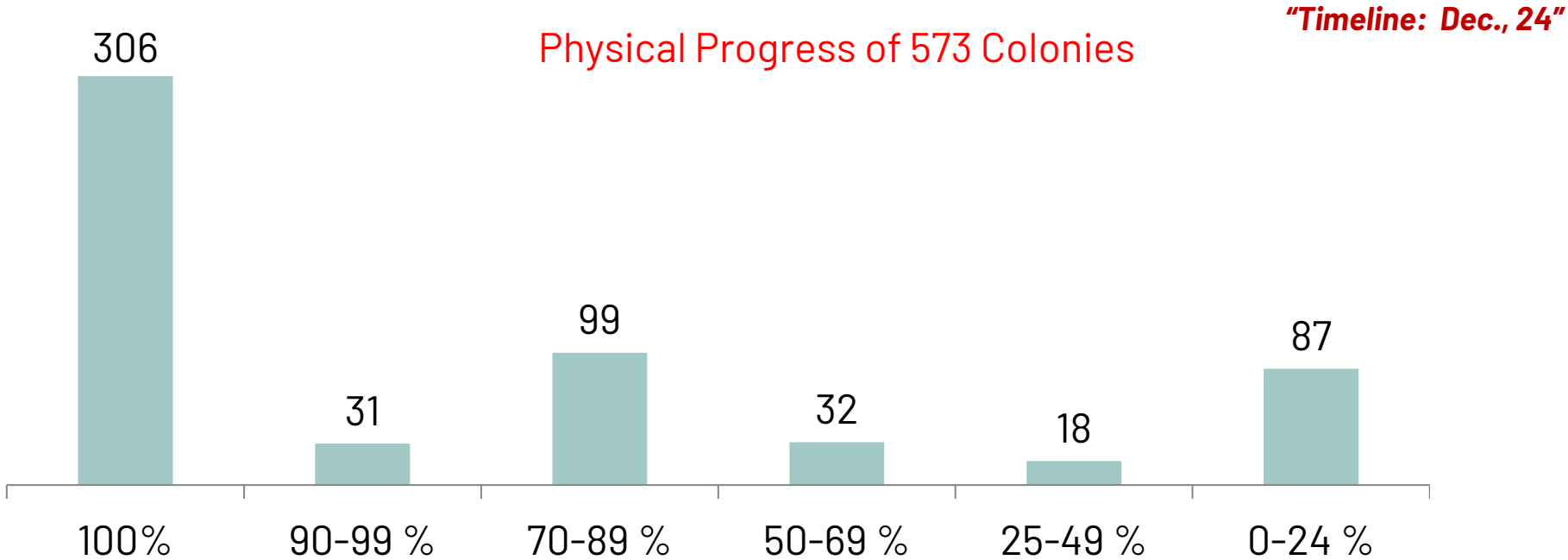
Cumulative Physical Progress of 573 Colonies
(Completed- 306, In progress- 267)

“Timeline: December, 24”



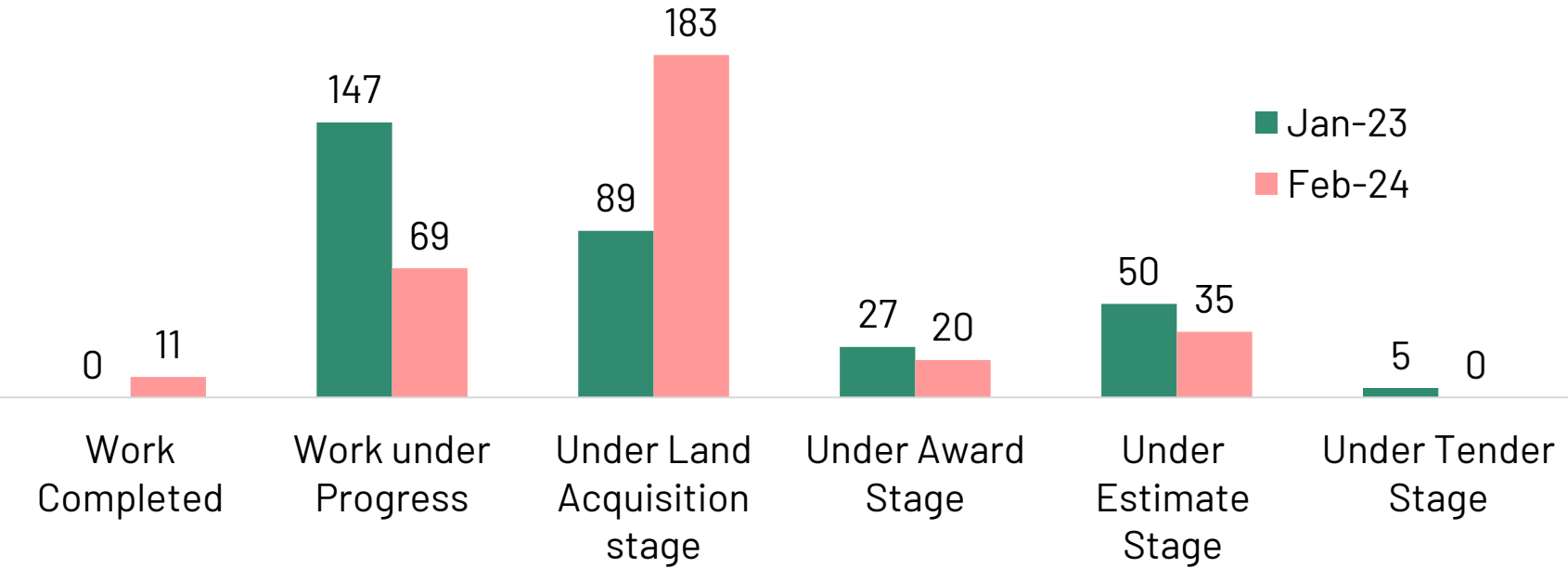
3.1.1 Status of Sewerage Networks in Progress

573 Colonies where laying Sewer Network in progress



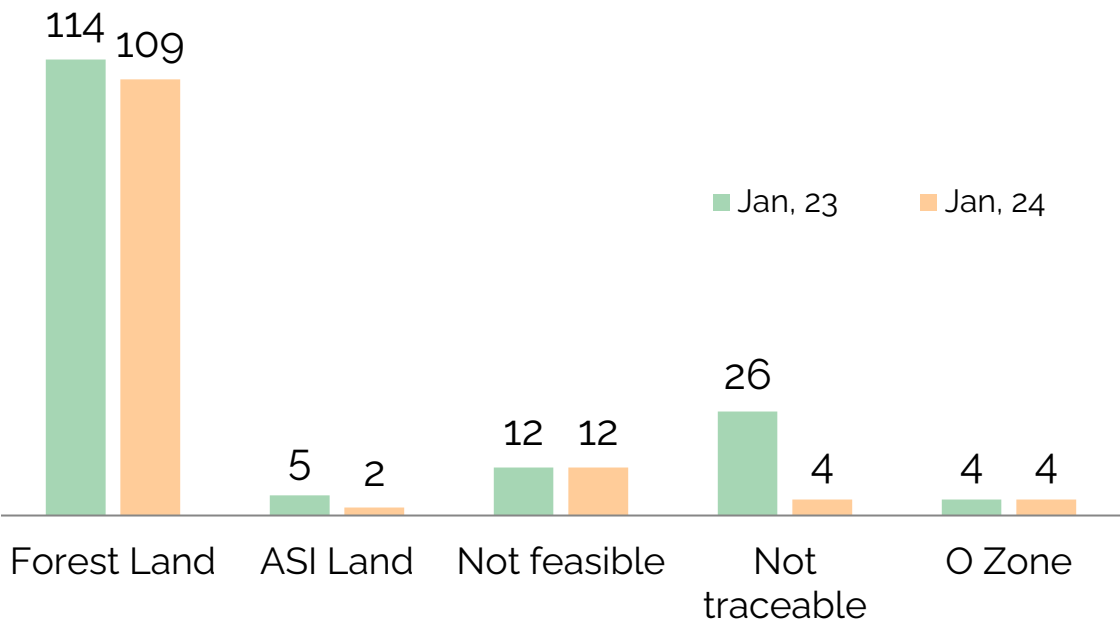
3.2 Status of Sewerage Networks sewerage network is to be laid along with Decentralized STPs

318 Colonies where sewerage network is to be laid along with Decentralized STPs



3.3 Status of Sewerage Networks sewerage network is to be laid along with Decentralized STPs

161 colonies where NOC is awaited/O-Zone



“Timeline for 161 Colonies where NOC is awaited / O Zone : 12 months after receipt of NOC but not later than June, 2024”

3.3 Status of Sewerage Networks sewerage network is to be laid along with Decentralized STPs

161 colonies where NOC is awaited / O-Zone

Reviewed by Pr. Secy. (Env.) on 13.12.2023 :

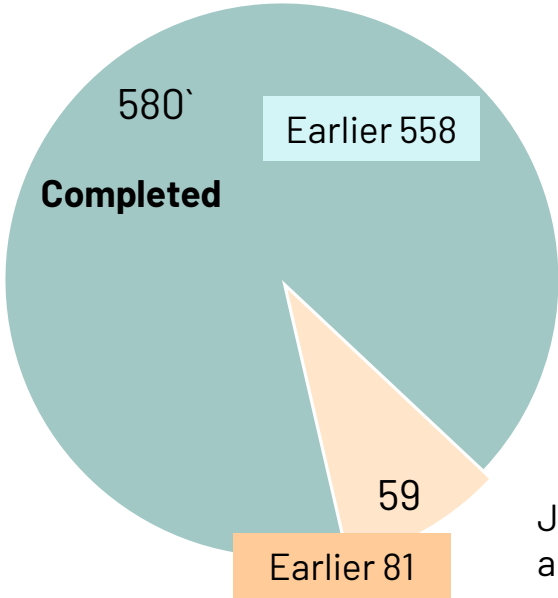
S.No	Dept.	UC (No.)	Decision Taken in Meeting
1	Forest Land	114	• 5 UCs issued NOC by Forest Dept. • DJB to provide alignment with Map to Forest Dept. for 36 UCs • Forest Dept. to issue NOC for remaining 73 UCs
2	ASI	05	• ASI gave permission to DJB to one UC in Mehrauli. (affluent) • At one UC (Tuglakabad Area) matter is pending in HC • 3 UC don't fall under their jurisdiction (DJB – 2 Forest + 1 affluent)
3	O-zone (DDA)	04	Comments awaited from DDA (1 demolished + 3 DDA status awaited)
4	Not feasible	12	Detailed report with reasons required (6 narrow irregular lanes but trapped + 2 UD cancelled UC + 1 Forest + 3 being explored)
5	Not traceable	26 (now 22 traced)	Details being prepared for 22 Ucs (4 sewer completed + 2 award stage+ survey is going on for remaining)
	Total	161	

3.4 Connection of Drains/ Drainage system of JJ Clusters (639 Nos) with sewerage network.

Total JJC's : 639

- Connection of storm water drain at outfall points/ points of JJC's into nearest DJB sewerage system.

Timeline: Jun, 2023
RT: Jun, 2024

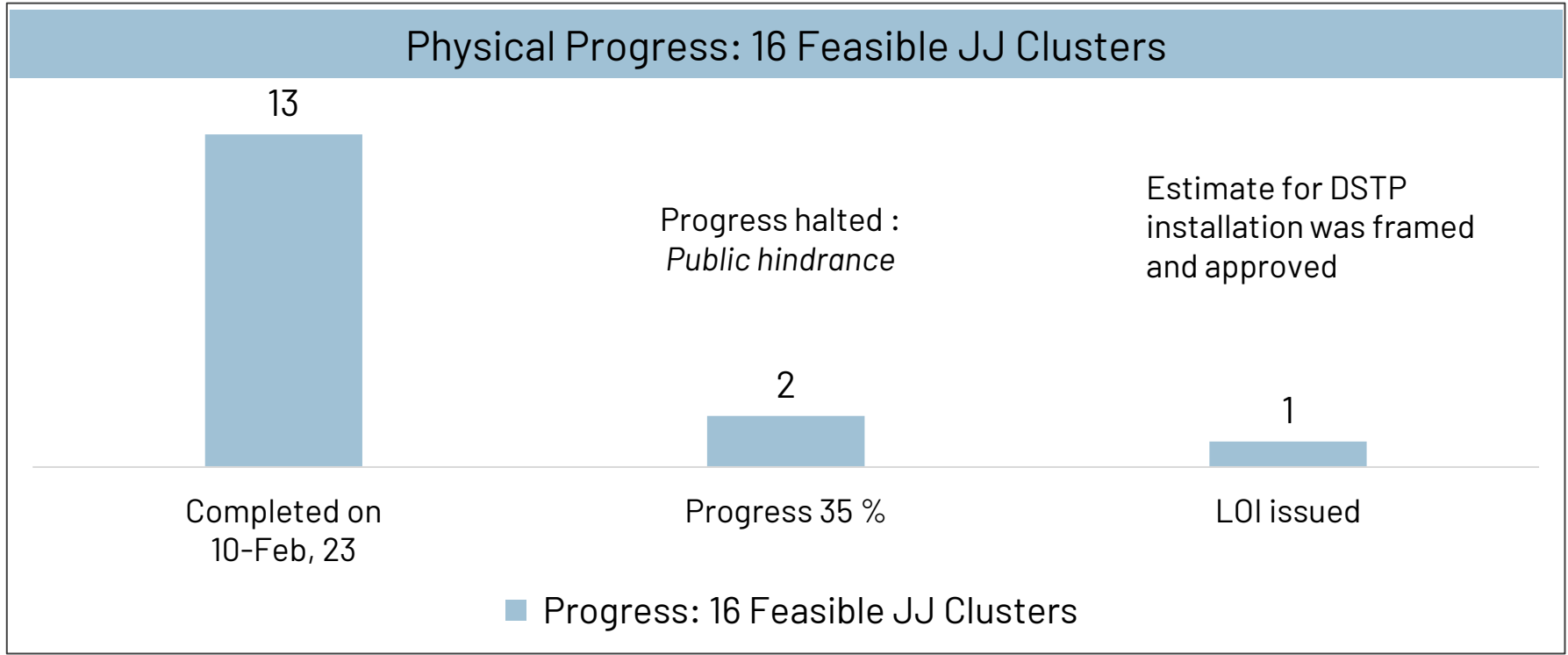


JJ Clusters in Delhi which are to be connected with sewerage system or DSTPs

3.iv.Connection of Drains/ Drainage system of JJ Clusters (639 Nos) with sewerage network.

Order
Para No.
3.3.2

Progress in 16 JJ Clusters



3.iv.Connection of Drains/ Drainage system of JJ Clusters (639 Nos) with sewerage network.

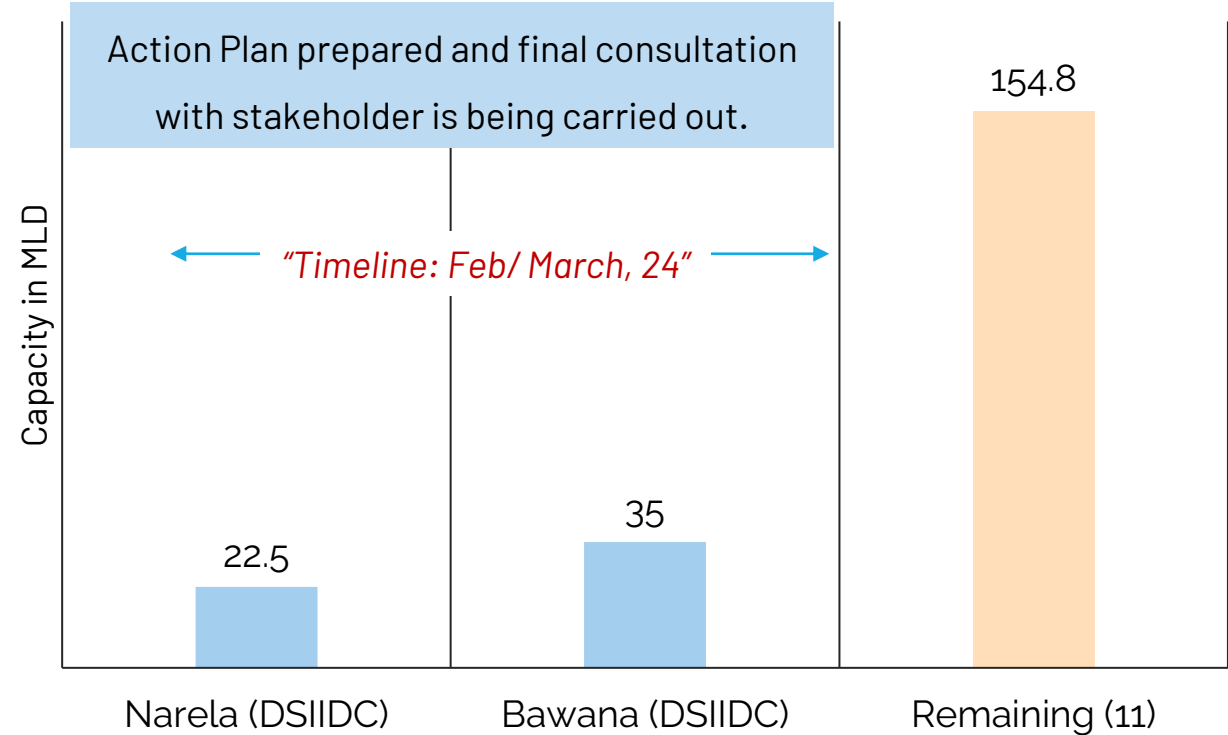
Order
Para No.
3.3.2

Progress in 56 non –feasible JJ Clusters(Earlier 65)

S.No	Status	No. of JJ Clusters
1	Drains to be tapped in sewer line (work in progress)	6
2	Drains will be tapped after commission of proposed sewer. network in nearby U/A col.	17
3	Drains which can be tapped in to sewerage network by installing lift station	6
4	Feasible sites approved by NMCG for which demand has been raised for funds from NMCG	15
5	Tapped in STP through major storm water drain/tapping work are in progress	8
6	Not feasible due to space constraints and multiple outfalls etc.	3
7	Site does not exist	1
	Total	56

4. Industrial effluent management

Upgradation of CETPs with Timelines



Govt. of NCT of Delhi vide notification dated 01.01.2024 has given powers in respect of 11 CETPs presently being operated and maintained by CETPs Societies to DJB

Rest of the 2 CETPs at Narela and Bawana are to be operated and maintained by DSIIDC

4.1. Action against Dyeing units

Action taken against Dyeing units in non-conforming areas of Delhi by Joint Team consisting of MCD, DPCC, Revenue Dept., Power Companies, DJB (28.04.2023 to 04.02.2024)

- Total No. of Dyeing units inspected : **335**
- Close down/Sealed/ Disconnection of electricity : **139**
- Chairman, DPCC issued direction on 22.06.2023 to Local Bodies, DDA, DJB & Discoms (BSES/ NDPL) for closure / sealing & disconnection of Electricity and Water Supply of all Dyeing units and Jeans / Denim washing units operating outside Approved Industrial Areas / Industrial Estates / Redevelopment Areas or operating without mandatory consent of DPCC.
- **DISCOMS directed on 22.06.2023 to disconnect all connections to illegal units in NC areas**

4. Action by DPCC Against Water Polluting Industries / Units

Action taken by DPCC against Water Polluting Industries / Units u/s 33(A) of Water from 01.01.2022 to 23.10.2023 :

S. No.	Action Taken	
1	No of Industries/Units Against which action was taken	400
2	No of Show Cause Notice issued	289
3	No of Directions for Closure issued	115
4	Environmental Compensation Imposed	Rs. 8.89 Crores
5	Environmental Compensation Received	Rs. 3.47 Crores (39%)

5. Septage Management

NGT Orders Dated 21.12.2022, 17.10.2023, 07.12.2023 & 08.02.2024(Septage)

- **Hon'ble NGT in OA No. 365 / 2021 (Shamsher Singh Vs. GNCTD has passed various orders including orders dated 21.12.2022, 17.10.2023 & 07.12.2023 regarding unauthorized dumping of Septage by unauthorized trucks / vehicles on roads & drains**
- Joint Committee headed by Hon'ble Justice (Retd.) Sh. S. P. Garg & having members from CPCB, DPCC & DJB was constituted by Hon'ble NGT vide Order Dated 22.04.2022
- Joint Committee submitted its Interim Progress Report Dated 17.12.2022 to Hon'ble NGT.
- Delhi Govt. / concerning Depts. were required to take action as per the recommendations in Report of Joint Committee accepted by Hon'ble NGT vide order dated 21.12.2022.
- Hon'ble NGT vide order dated 06.12.2023, has directed Chief Secy, GNCTD to Appear by virtual mode on the Next Date of Hearing (02.02.2024).

5. Septage Management

NGT Orders Dated 21.12.2022, 17.10.2023, 07.12.2023 & 08.02.2024(Septage)

Chief Secy, GNCTD appeared by virtual mode on 02.02.2024.

Hon'ble NGT in OA No. 365 / 2021 (Shamsher Singh Vs. GNCTD directed as :

1. Unchecked/ un regulated encroachment into River Yamuna flood plain should be checked./demarcated by GNCTD
2. Full proof in-built central Monitoring system for tracking of vehicles to prevent illegal dumping
3. Competent authority must provide sewerage network / treatment in un-sewered Colonies/ JJ clusters in time bound manner

Next Date of Hearing 18.04.2024

Operative Portion of NGT Order Dated 05.12.2023 (Septage)

...“4. Adequate measures have not been taken. [Report of Committee of S P Garg and Orders dated 21.12.2022 of Hon’ble NGT in OA No. 365/2021]

1. **Publicity about vendors**
2. **Prescription of fixed rates**
3. **Receipt (Triplicate-consumer, STP, self)**
4. **Display of license numbers on vehicles**
5. **Allotment of Territorial jurisdiction to vendors**
6. **Centralized Monitoring System/ GPS**
7. **Majority of license to HR vehicles- Challaned by DP (Only 10-DL)**
8. **Lack of ground action by DMs and DJB on septage dumping (As per septage regulations).**

Next Date of Hearing 18.04.2024

5.2. Septage Management Regulations 2018

“A Committee under chairmanship of Div. Comm, Revenue Department and consisting of CEO, DJB, Comm. MCD as member and Secy. UD as member cum-convenor, to revisit Delhi Water Board Septage Management Regulations 2018 to make them more effective & enforceable.”

Direction	Timeline	Status
Report to be submitted	15 Feb, 2023	Recommendation of the Committee placed before Board meeting of DJB on 13.06.2023 and was approved. Notification of amendment in Regulations is awaited from UD Department.

5. iii. Faecal Sludge (Septage) Management

- **Delhi Water Board Septage Management Regulations 2018 dated 12.11.2018** for collection, transportation and disposal of waste of septic tanks (Septage).
- Necessary action to be taken by DJB , District Magistrates & Local Bodies
 - **Septage Management Committees headed by concerned District Magistrates**

Action Taken Report	Cumulative (12.11.2018 – 05.02.2024)
Total No. of Meetings of Septage Management Committees held	137
No. of Vehicles/ Tankers found unauthorizedly discharging septage into Drains etc.	64
No. of Vehicles/ Tankers impounded	63
No. of Challans/notices issued	57
Total Amount of Environmental Compensation Imposed (in Lakhs)	17.19 Lakhs
Total Amount of Environmental Compensation received (in Lakhs)	17.19 Lakhs

3. Delhi Water Board Septage Management Regulations 2018 – Effective implementation

Collection, transportation and disposal of waste of septic tanks

- 160 vehicles, for collection & transportation
- Disposal - 86 Designated SPS and STPs

188.1.77 Cr. Ltrs collected/treated since Nov, 2018 till Jan, 2024

Average monthly collection (2023): 4.67 Cr. Ltrs



5.iv.Faecal Sludge (Septage) Collection & Treatment

MoM 8th HLC

- (i) DJB to explore procurement of vehicle / tankers (both smaller and larger capacity) for collection and transportation of septage urgently after making assessment regarding requirement of such vehicles for five years period*
- (ii) Addl. Chief Secretary (UD) to resolve issues related to 13 DSTPs and place these issues in the forthcoming meeting of State High Powered Steering Committee*
- (iii) UD Dept, GNCTD to expedite matter regarding amendments in existing "Delhi Water Board Septage Management Regulations, 2018".*

Information awaited

6. Status of 10 Projects of DDA (Restoration & Rejuvenation of Flood Plains and Removal of Encroachment)

Order
Para No.
3.6

S.No	Name of Project	Area (Ha)	Timeline	Status As on 31.01.2024
1	Kalindi Aviral (Baansera)(Part B)	163	Feb, 23 (RT: To be provided)	- Civil & Horticulture - 99 % completed (for 12 Ha) - Restoration work in progress - All repair work completed - Approx. 7 Ha land made encroachment free 05 Ha under litigation - NDoH: 09.02.2024
2	Asita East (Part B)	107	Mar, 23 (RT: 31.03.2024)	- Civil-74%, Horticulture- 100%. - Fresh tender has been called for works as directed by Hon'ble L.G. 1.5 Ha encroachment - NDoH: not decided
3	Amrut Bio Diversity (116.5 Ha)			
	Part A	90	22.05.2024	- Civil-83%, Horticulture- 20% Completed - Work in progress, work delayed due to flooding & sludgy site and GRAP imposed by CAQM
	Part B	18		- Demolition carried on 17.10.2023 - NDoH: 04.03.2024
	Part C	8.25		Handed over to CPWD

6. Status of 10 Projects of DDA (Restoration & Rejuvenation of Flood Plains and Removal of Encroachment)

Order
Para
No. 3.6

S.No	Name of Project	Area (Ha)	Timeline	Status As on 31.01.2024
4	Asita West / Yamuna Vatika (Part B)	107	June, 23 (RT: 30.12.2023, however new timelines to be shared soon)	- Civil-83%, Horticulture- 100% work completed (work under progress) Encroachment Free (proposal being revised) - NDoH: not decided
5	Kalindi Biodiversity Park	115	Within 9 months after completion of NHAI project	- Progress: 27% (Work held up due to NHAI work) Assessment of project area under litigation and encroachment underway. - DoH: 07.02.2024, 19.02.2024, 07.02.2024
6	Ghat Area (66Ha)			
	Part A: (Qudsia Ghat/ Vasudev Ghat)	16	Apr, 23 (RT: 30.11.2023)	- Civil-77%, Horticulture- 73% Completed - Work in progress but delayed due to flooding, sludgy site and GRAP imposment
	Part B: (Surghat)	13.6	Dec, 23	- Tender for 50 Ha awarded & work to be undertaken 4.90 Ha Encroached - NDoH: 21.05.2024,10.05.2024,03.04.2024
	Part C: Eco Trail Yamuna Bazar	33 3.4		

6. Status of 10 Projects of DDA (Restoration & Rejuvenation of Flood Plains and Removal of Encroachment)

Order
Para No.
3.6

S.No	Name of Project	Area	Timeline	Status As on 31.01.2024
	Yamuna Vanasthali:	236.5	May, 23 (RT: 31.12.2023)	- Civil: 88%, Horticulture 74% completed - Work in progress 15.7 Ha encroached 13 Ha. under litigation. - NDoH: 20.02.2024, 22.04.2024.
8	Mayur Nature Park	397.75	-	119 Ha land denotified, physical demarcation completed - Revised landscape proposal is ready - Next date of hearing : 24.05.2024
	Part A	235		
	Part B	162.75		Work to be done by UP Irrigation
9	Hindan Sarovar:	45	Dec, 23	Detailed Survey shall be received within a week, proposal shall be worked out subsequently.
	Part A	15	Dec, 23	
	Part B	30	Dec, 23	
10	Eco-Tourism area	30	-	- Area falls outside 1 in 25 Year floodplain. - Proposal will be taken once O-II is finalised after notification of MPD 2041 - NDoH: Disposed off
	Part A	22.7		
	Part B	7.3		land is with DTC

6. Encroachment Removal Drive from August 2022 to January 2024

Email dated
09.01.2024

DDA to submit information and basic data related to flood plains

S. No.	Project/Location	Nature of Encroachment	Date of Encroachment Removal Drive	Remarks	Area Reclaimed
1.	Yamuna Vatika, Yamuna Pusta, New Delhi	02 Temples, 05 Majars	02.12.2023	Encroachment Removed	30.98 Sqm. (approx.)
2.	Yamuna Vanasthali, Geeta Colony & Shastri Park, Shahdara	01 Mazar, 05 Temples & other structures	01.12.2023	Encroachment Removed	2841 Sqm. (approx.)
3.	Yamuna River Road, Bank Enclave, Laxmi Nagar, Delhi (Asita East -UP Portion)	01 Mazar, 10 Temples	24.09.2023	Encroachment Removed	3670.02 Sqm. (approx.)
4.	New India Garden (Part of Amrut Bio-Diversity Park), near Millennium Depot	03 (Temples, Mazar with Madarsa)	10.02.2023	Structure Removed	6070.50 Sqm. (approx.)

6. Encroachment Removal Drive from August 2022 to January 2024

S.No	Name of Project/ Location	Total Area	Total area reclaimed (in Acre)	Total No. of Jhuggies/Structure/ Dairy Removed
1	Asita Part B	107 Ha.	35.40	1468
2	Asita West (Yamuna Vatika)(Part-A + B)	93+107 = 200 Ha.	14.08	695
3	Amrut Bio-Diversity (Eastern & Western Bank)	116.25 Ha.	7.79	315
4	Ghat Area	66 Ha.	5.69	200
5	Yamuna Vanasthali	236.50 Ha.	17.94	661
6	Eco-Tourism Area	30 Ha.	2.47	35
7	Kalindi Aviral Part A+Part B(Baansera)	263 Ha.	14.20	262
8	Mayur Nature Park	297 Ha.	192.00	6 no. dairy, 3 no. Cricketground, cultivation and nursery
9	Hindon Cut	30 Ha.	1.31	20
10	Kalindi Biodiversity Park	115 Ha.	5.6	250 jhuggies and semipakka structure

7. Utilization of Treated Wastewater

NGT Order Dated 17.10.2023

O.A. No.
06/2012

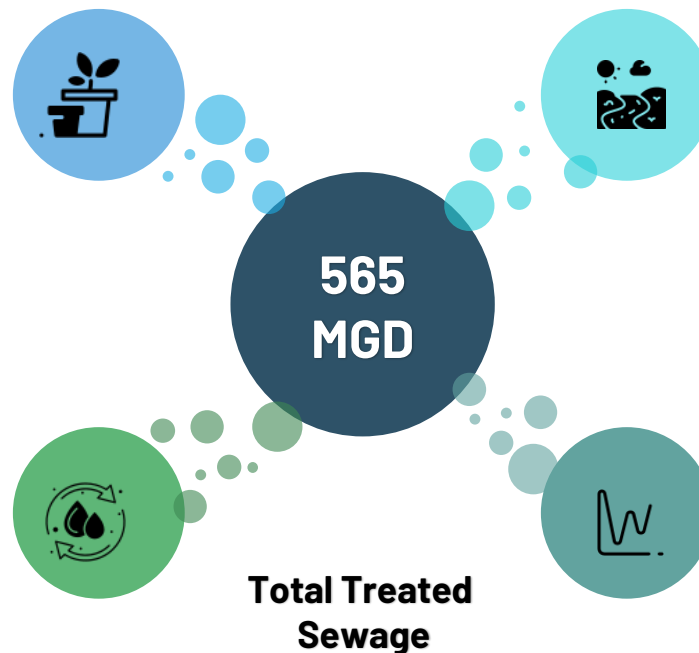
(Nizamuddin West Association Vs Uol)

125 (90+35) MGD

Being used in Horticulture and Lake rejuvenation & Water Bodies etc.

70 MGD + 30 MGD

Proposed : Ground water recharge at DJB Marshy land near coronation pillar,Bhalwasa lake, Jhangirpuri Drain "March 24"



267 MGD

Mandatory Return Flow in Yamuna

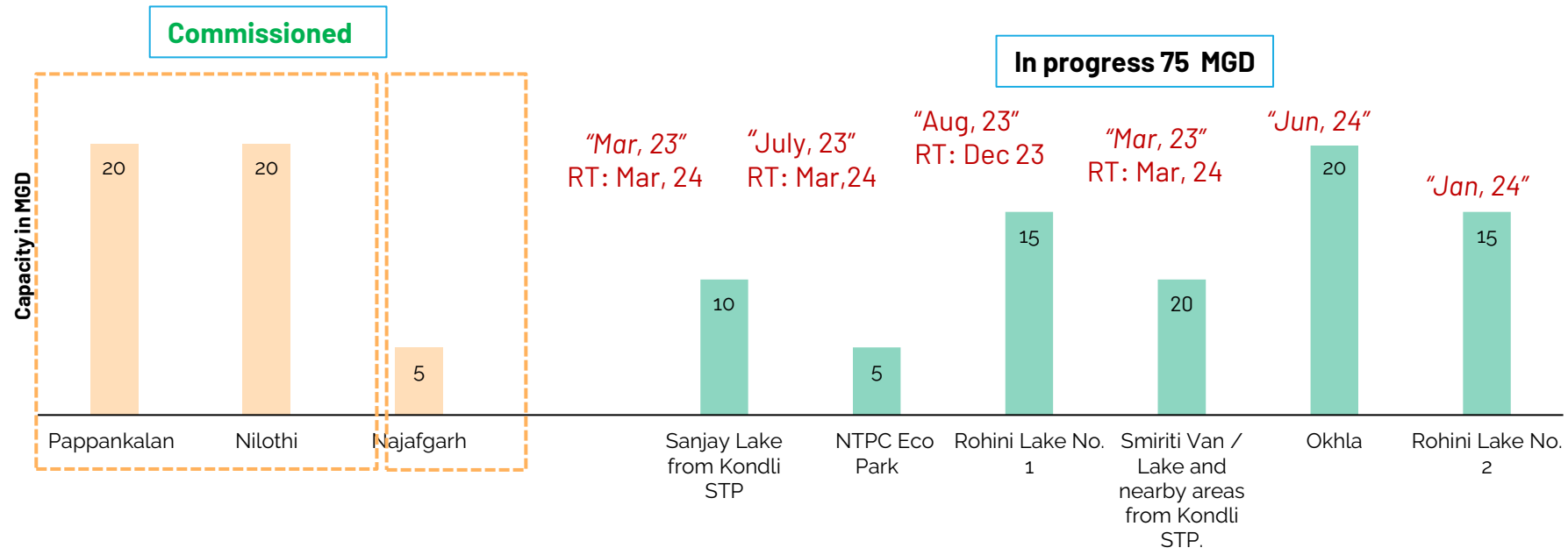
73 MGD

Gap

Action Plan for Utilization 75 MGD Treated Wastewater

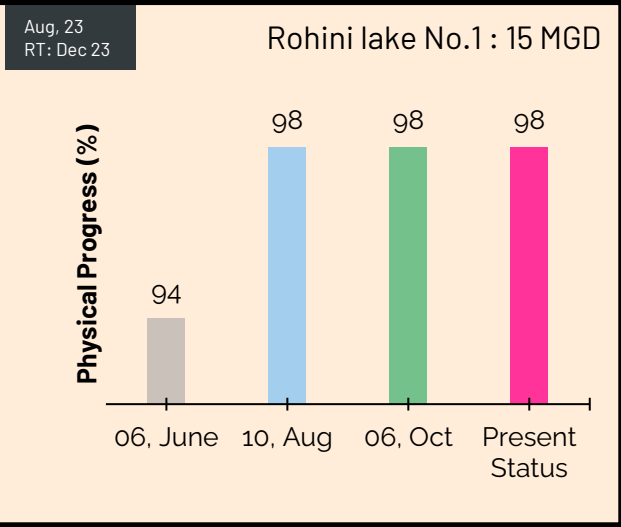
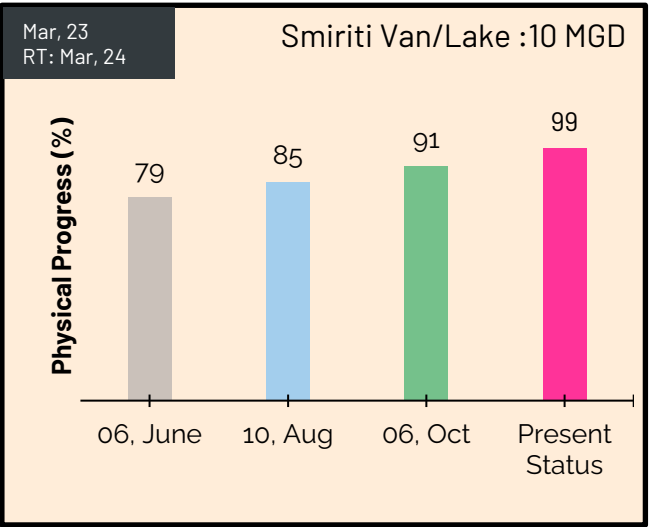
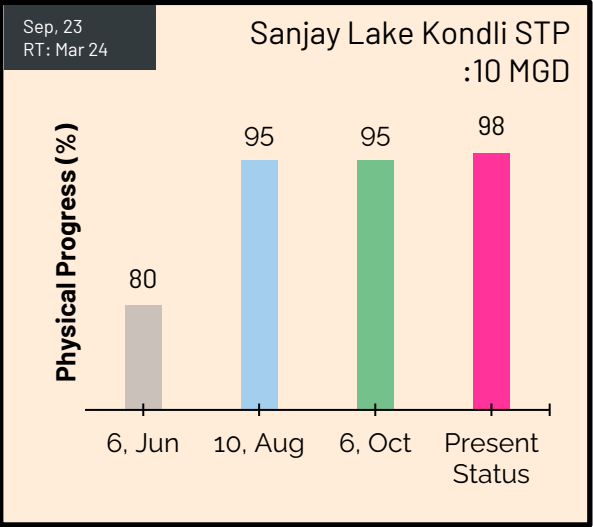
Order
Para No.
3.7

Action Plan for 75 MGD



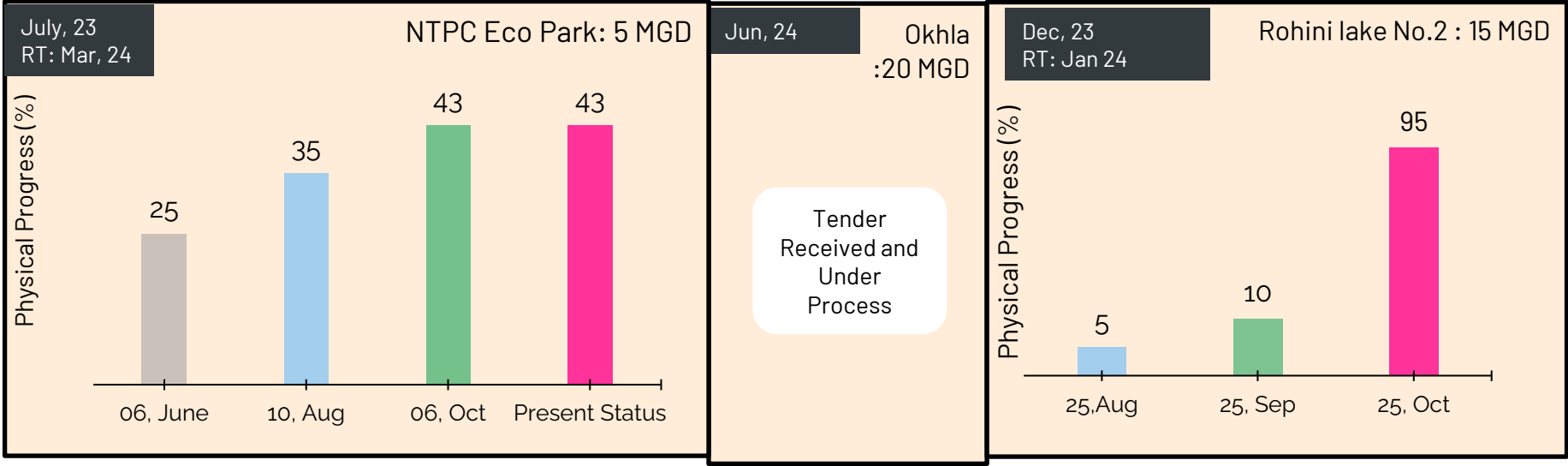
7.1. Action Plan for Utilization 75 MGD Treated Wastewater

Action Plan for 75 MGD



7.1. Action Plan for Utilization 75 MGD Treated Wastewater

Action Plan for 75 MGD



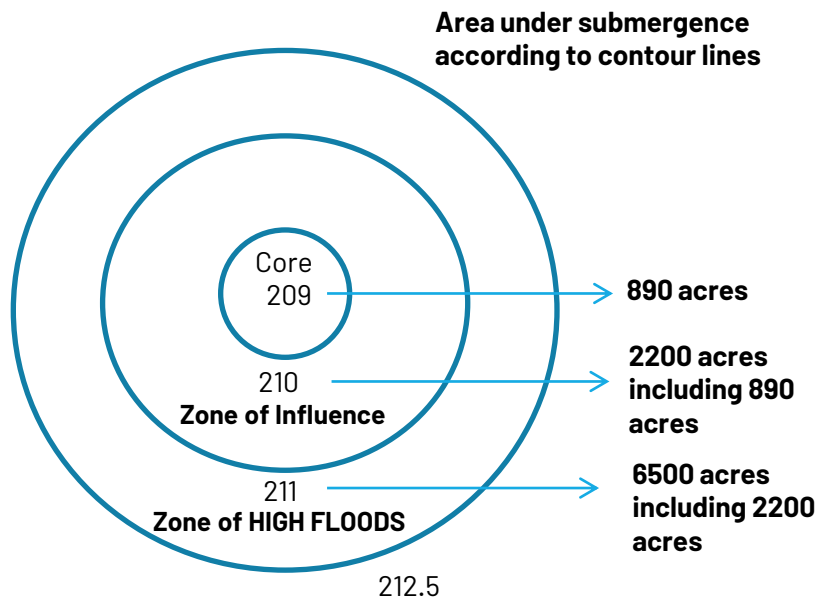
8. Najafgarh Jheel (Environmental Management Plan)

- I. Remedial action for rejuvenation of Najafgarh Jheel (Lake) on Delhi-Gurgaon border. Water body falls partly in NCT Delhi and partly in Haryana.
- II. Hon'ble NGT in its order dated 17.09.2020 EA No. 16/2019 in OA No. 153/2014 directed both Govt. of Delhi and Haryana was submitted to CPCB.
- III. Hon'ble NGT on 21.01.2022 disposed of the matter.
- V. EMP broken into action points and circulated to eight stakeholder departments on 02.03.2022 for ground actions.
- VI. Hon'ble Tribunal further on 16.02.2023 in related cases disposed of matter.
- VII. Matter was disposed off on 31.07.2023 by Hon'ble Supreme Court of India with directions that matter be dealt with by existing high level Committee.
- VIII. Hon'ble NGT directed Haryana Govt. to file report. Next date of hearing is 16.02.2024.



Najafgarh Jheel (Environmental Management Plan)

Action Points



Action points in our EMP classified into three categories and timelines were made regarding respective measure.

- Immediate Measures
- Medium-term measures (within two – three years)
- Long-term measures (within three – five years)

Review meetings conducted with all stakeholders at regular intervals to keep a check on progress made in allocated Action Points.

- Eight meetings have been held so far.

Najafgarh Jheel (Environmental Management Plan)

Review meeting convened on 19.12.2023 under the Chairmanship of Pr. Secretary (E&F). Record of discussions as follows:-

- I. Najafgarh Wetland Committee under DM in its meeting observed that option of land acquisition has large financial implications of 268 crores (Approx.) for 115 acres affected inundation. Further, there will be a threat of encroachment of acquired land if water recedes. Committee unanimously concluded that Jheel area in its current nature be maintained.**
- II. Departments like Tourism, IFCD and Delhi Jal Board shall explore eco friendly projects in vicinity of Jheel.
- III. Power department submitted that there is a budgetary requirement of Rs. 2.56 crores for shifting/relocation of HT/LT lines passing over Najafgarh Jheel..
- IV. IFCD and Rev. Deptt. were directed to explore along with the details of cost implications applicable for purpose of alternate road.

Najafgarh Jheel (Environmental Management Plan)

- VI. Preliminary survey has been done by Forest Department and for regular monitoring of water bird population, training community in bird watching and bird ringing proposal from SACON.
- VII. IFCD informed the members that action has been initiated on commissioning hydrological assessment to determine water, sediment, and nutrient fluxes; groundwater recharge; and critically silted up areas needing de-siltation.
- VIII. IFCD has informed that construction of regulator at Jhateekra and sluices or ducts in embankment is feasible. However, same will lead to the submergence/ permanent inundation of private agriculture land parcels in six villages of Delhi, which will have significant socio- economic impact. It may also make these areas vulnerable during floods.

Najafgarh Jheel (Environmental Management Plan)

- Decisions taken by Najafgarh Wetland Committee headed by District Magistrate (South West) were briefed to HLC.
- DM (South West) briefed HLC that option of land acquisition has huge financial implications of about Rs.268 crores (approx.) for 115 acres affected inundation.
- Further, there will be a threat of encroachment of acquired land if water recedes. Najafgarh Wetland Committee unanimously concluded that Jheel area in its current nature be maintained.

Gram Sabha land may be identified and replaced / exchanged by District Magistrate (South West) with land owners of the permanently inundated land to protect the Najafgarh Wetland to the extent possible at the minimum cost to exchequer with the approval of the Competent Authority

Decision Taken in 4th Meeting

4th MoM

Hon'ble Lt. Governor directed IFCD to explore the solar power generation along the Najafgarh Drain by providing pillars on its Banks to install Solar Panels. Chief Secretary suggested that Power Department Solar Corporation of India can be involved for exploring the suitable options / funding for Solar Power Generation.

- Survey of Najafgarh Drain from Dhansa to Ambrhai done by SECI and I&FC on 01.08.2023.
- Site from Dhansa to Ghummanhera in length of 6 Km under consideration for Installation of solar panel on right bank of Najafgarh Drain.
- Meeting of I&FC, Power, BSES done to know nearest grid, BSES assures SEBI to provide updated information on connectivity feasibility along with distance.
- Site visit held on 05.10.2023, to finalise grid feasibility out of 06 pockets initially submitted, 05 MW electricity generation is expected.
- SEBI submitted draft preliminary feasibility report to Power Department on 01.12.2023 for comments and finalization

IF&C dept. to take up matter with Power Dept, GNCTD for expeditious action in regard to Solar Power Generation along Najafgarh Drain

IF&CD requested Solar Energy Corporation of India Ltd., vide letter dated 13.02.2024 to provide updated status for installation of solar plant along Najafgarh Drain



Summary of progress in projects

Desilting (KM)	Trapping of 70 sub Drains	Sewerage Network to UAC-1052	Connection of 81 JJ Clusters To Sewerage Network	Reuse of Treated Water (MGD)	Flood Plain Regulations DDA's Projects (Ha)	Encroachment Removal in DDA Projects (Ha)
94.93 68.82	56 50	573 306	81 22	60 55	630 83 % 5 Projects (Civil Progress)	48.35 15.911 4 Projects

Timeline: 29th Feb, 24

Target

Achievement



Way Forward (Action plan 2024-25)

S.No.	Action Point	Intervention Required
1	Allocation of Land by DDA/Revenue for construction of New DSTPs	DDA- 06 parcels to allot land in all pending cases at earliest.
2	Construction of New STP	- Okhla (RT : March, 2024) - Sonia Vihar (RT : March, 2024)
3	Rehabilitation of Existing STP	- Kondli Ph-II (RT : March, 2024) - Rithala Ph-I (RT : March, 2024) - Yamuna Vihar Ph-II (RT : March, 2024) - Kondli Phase-IV (RT : Feb, 2024)
4	Desilting of Sewer a) >1000 mm Diameter b) < 1000 mm Diameter	Expedite process to achieve revised targets of Dec, 2024
5	Sewerage network in Unauthorized Colonies where it has to be laid along with DSTPs	Expedite process to achieve revised targets of Dec, 2024
6	Providing Sewerage Network in Unauthorized Colonies	Expedite process to achieve revised targets of Dec, 2024



S.No.	Action Point	Intervention Required
6	Providing Sewerage Network in Unauthorized Colonies	Expedite process to achieve revised targets of Dec, 2024
7	Connection of drainage system of JJ Clusters with sewerage network / DSTPs	Expedite process to achieve revised targets of Dec, 2024
8	Trapping of 76 Sub Drains of Najafgarh Drain, Supplementary Drain and Shahdara Outfall Drain	Expedite process to achieve revised targets of Dec, 2024
9	Utilization of Treated Wastewater	Sanjay Lake:10 MGD, Smiriti Van/Lake :10 MGD, NTPC Eco Park: 5 MGD, Rohini lake No.1 : 15 MGD Rohini Lake No 2 (15MGD)



Way Forward

S.No.	Action Point	Intervention required
10	Projects for Restoration & Rejuvenation of River Yamuna Flood Plains and removal of encroachment.	• Asita East (Part B) and Asita West (Part B) • Kalindi Aviral (Part B inclusive of Baansera) • Amrut Biodiversity Park (Eastern Bank & Western Bank) • Ghat Area Wazirabad to Old Railway Bridge (Part A: Qudsia Ghat) • Ghat Area Wazirabad to Old Railway Bridge (Part B: Sur Ghat) • Yamuna Vanasthali

Department of
Environment, GNCTD



Delhi Pollution
Control Committee



Thank you

