



Department of
Environment, GNCTD

Delhi Pollution
Control Committee



6th Meeting of HLC

REJUVENATION OF RIVER

YAMUNA

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

To Review progress in implementation of Action Plan

10th August, 2023

NGT Case OA No. 21/2023 in matter of “Ashwani Yadav Vs. Govt. of NCT of Delhi”

Directions dated 09.01.23

- *Detailed action plan for Rejuvenation of River Yamuna in Delhi prepared by **High Level Committee constituted vide order 09.01.2023.***
- **Order dated 27.01.2023 issued by HLC** for implementation of Action Plan
- Success of committee will be viewed by outcome in terms of reduction of pollution load and thus targets of the Committee should be measurable and identifiable.
- Now the case is being dealt under OA No. 06/2012 (Nizamuddin West Association Vs UoI) (Earlier Manoj Mishra Case)

Status Report filed in NGT on 31.01.2023 & 05.07.2023 | OA No. 21/23 Disposed Off |

Status Report to be filed : before 30.09.2023 | Next Date of hearing in OA 06/2012 : 17.10.2023

"7.DO is nil at most locations. Faecal coliform is very high. Parameters of COD and BOD are also exceeding except at Palla and Wazirabad upstream. Thus, situation continues to be far from satisfactory as far as water quality is concerned.

8.one of the CETP out of 13, is not operational. 22 STPs are non-compliant. Thus, untreated/partially treated sewage and industrial waste is entering into river..... Coercive measures against such serious violations are not in sight.but the fact remains that overall situation is extremely disappointing.....We now expect meaningful prompt penal action in a mission mode not only against violators but also those who are failing to check the violators.

9. DPCC may place it before HLC who may take further action against violators and errant officers as per directions of Tribunal in its order dated 27.1.2021 and subsequent orders.

Let further progress report be filed in the matter by 30.09.2023

Next Date of Hearing 17.10.2023

Supreme Court's Order Dated 11.07.2023

Following order has been passed by Hon'ble Supreme Court in Civil Appeal Diary No. 22325/2023 "Govt. of NCT of Delhi Vs. Ashwani Yadav" w.r.t. NGT Order dated 09.01.2023 in OA 21 / 2023

".....

4. "There shall be a stay of the operation of the direction issued on 9 January 2023 by the National Green Tribunal to the extent that the Lieutenant Governor has been directed to be a member of the Committee and to chair it. The rest of the Committee shall continue to function."

Improvement of water quality in Yamuna

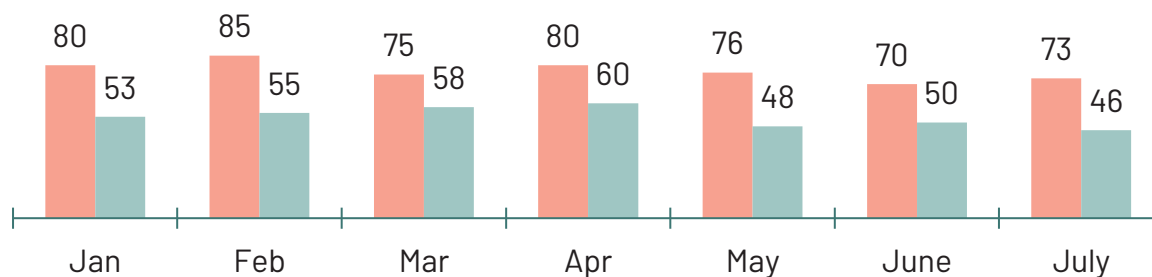
Major Action points

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
8. Other Issues

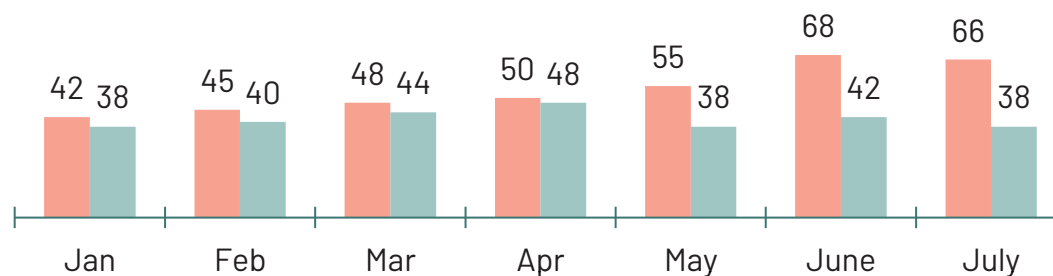
1384 Action Points

Yamuna Water Quality : BOD (mg/l) variation [Stds $\leq 3\text{mg/l}$]

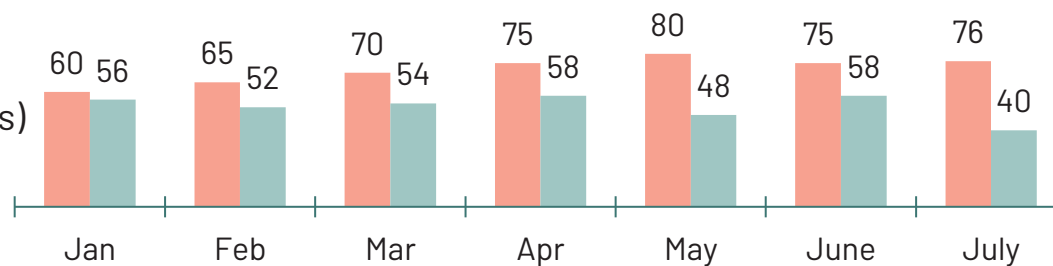
Najafgarh Drain



ISBT (After meeting
Najafgarh Drain)



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

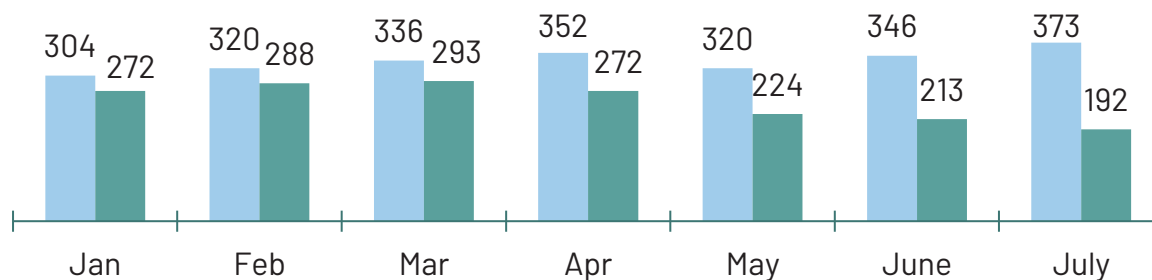


Year: 2022

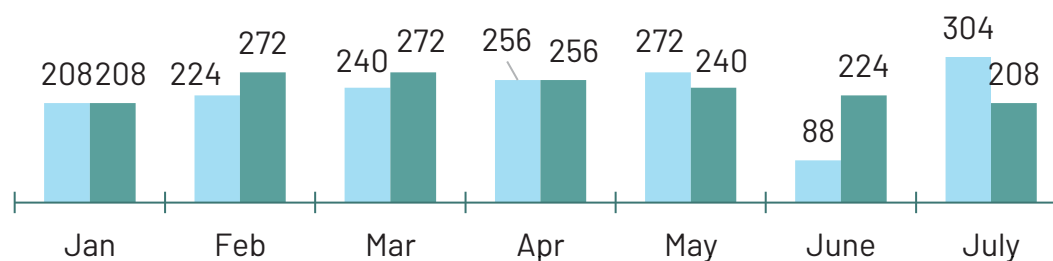
Year: 2023

Yamuna Water Quality : COD (mg/l)

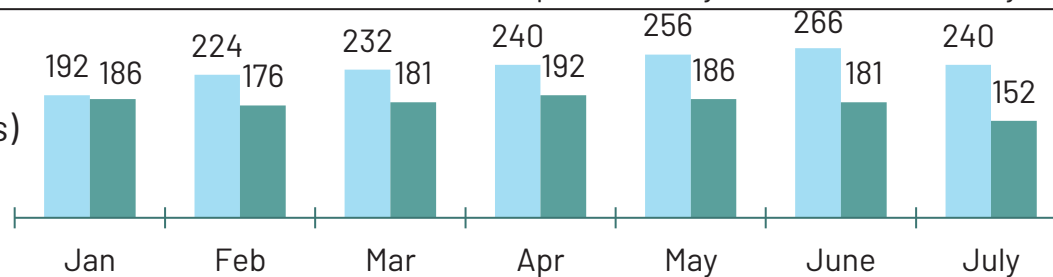
Najafgarh Drain



ISBT (After meeting
Najafgarh Drain)



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

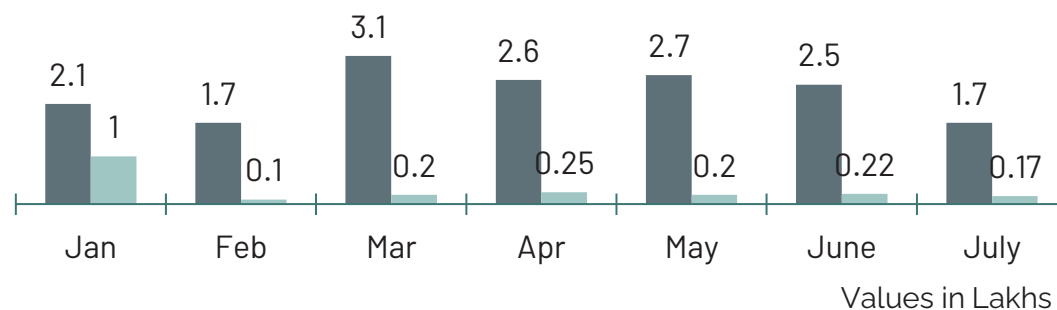


Year: 2022

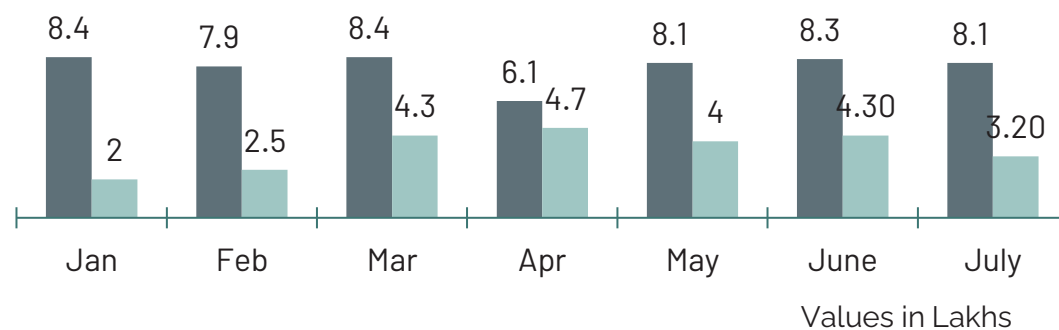
Year: 2023

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

ISBT (After meeting
Najafgarh Drain)



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



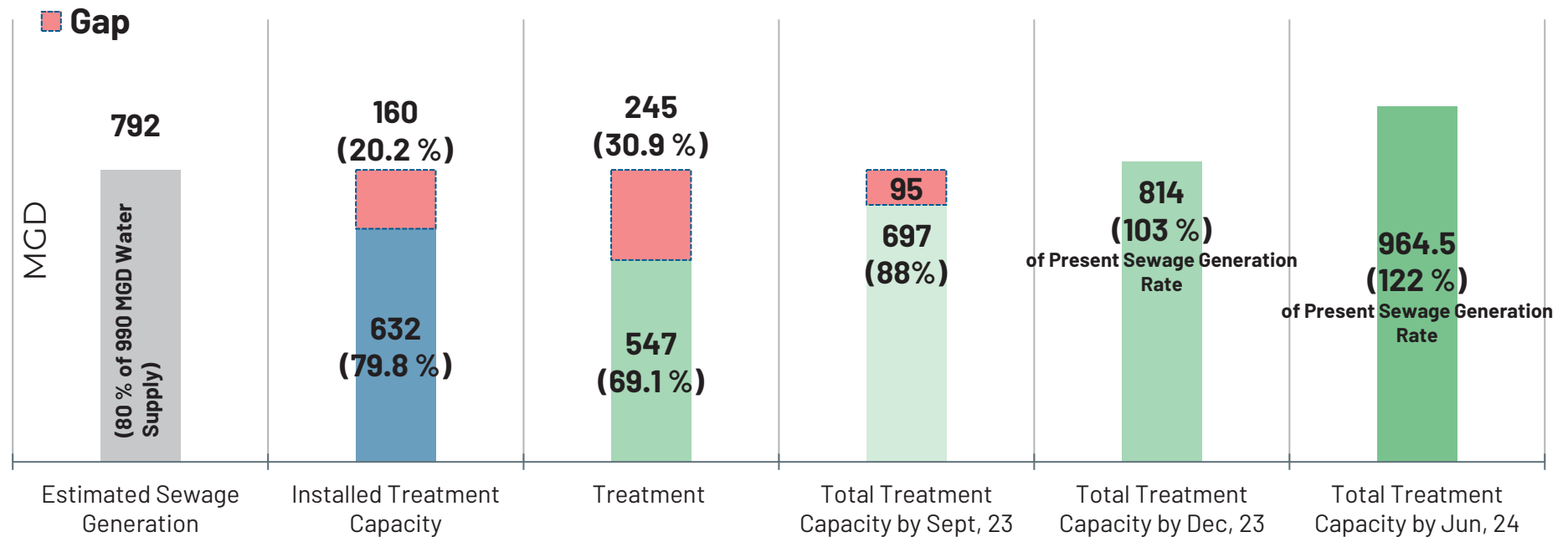
Year: 2022

Year: 2023

Dissolved Oxygen was not found at any location

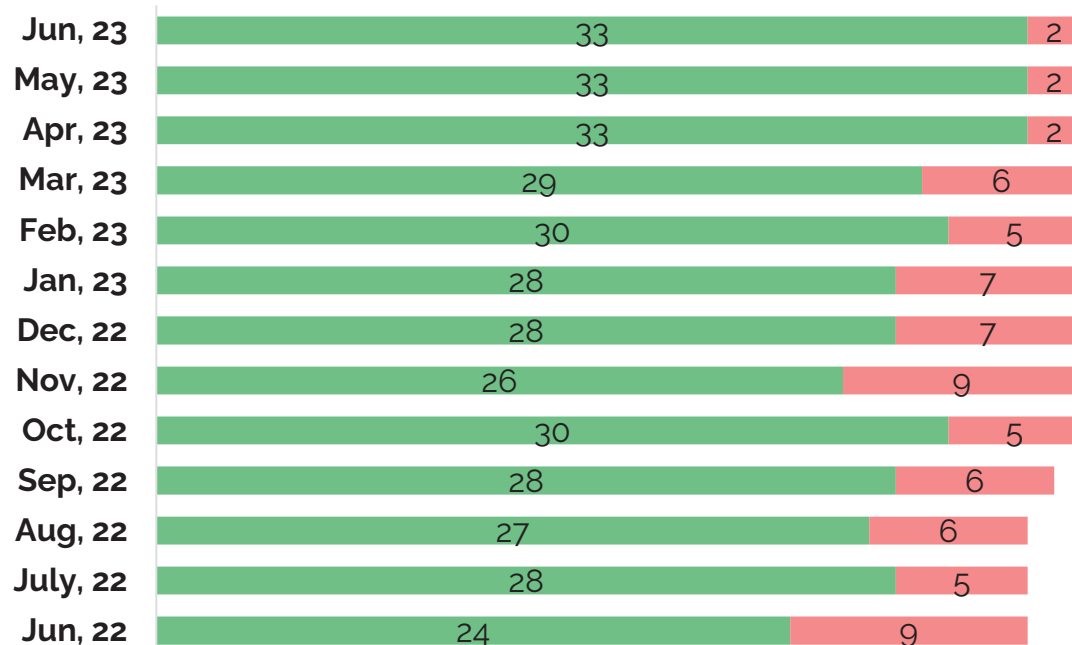
1. 100 Percent Treatment of Sewage

Generation, Treatment and Gap in Sewage Treatment



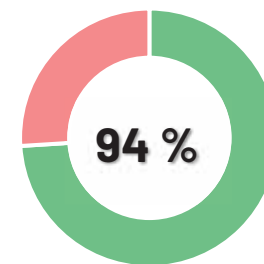
Water quality monitoring of STPs (35)

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

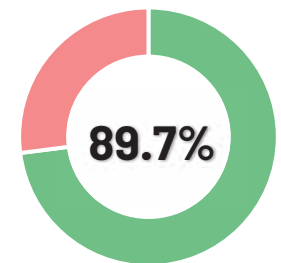


No. of STPs

STPs meeting design standards



33/35 STP

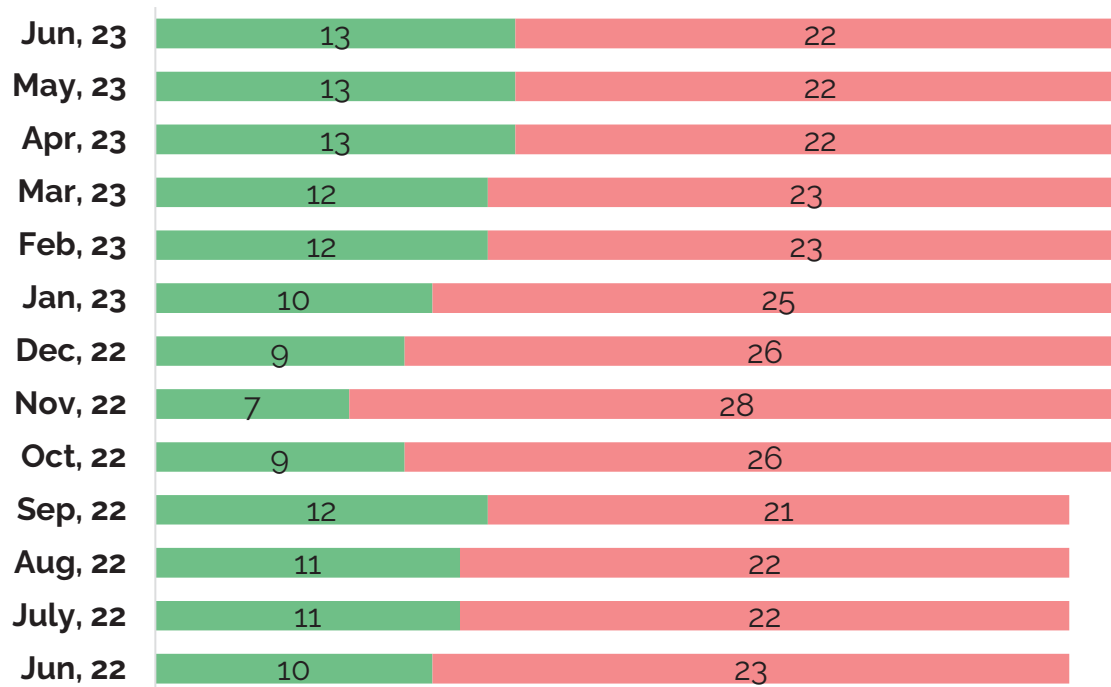


490/547 MGD

Water quality monitoring of STPs (35)

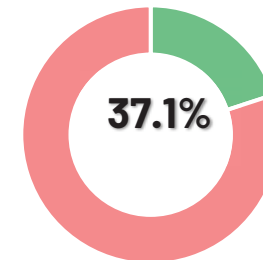
[SHEET LINK](#)

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

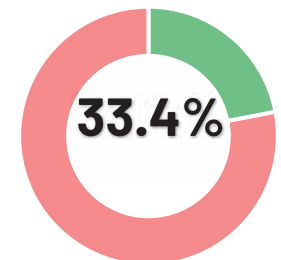


No. of STPs

STPs built to prescribed standards



13/35 STP

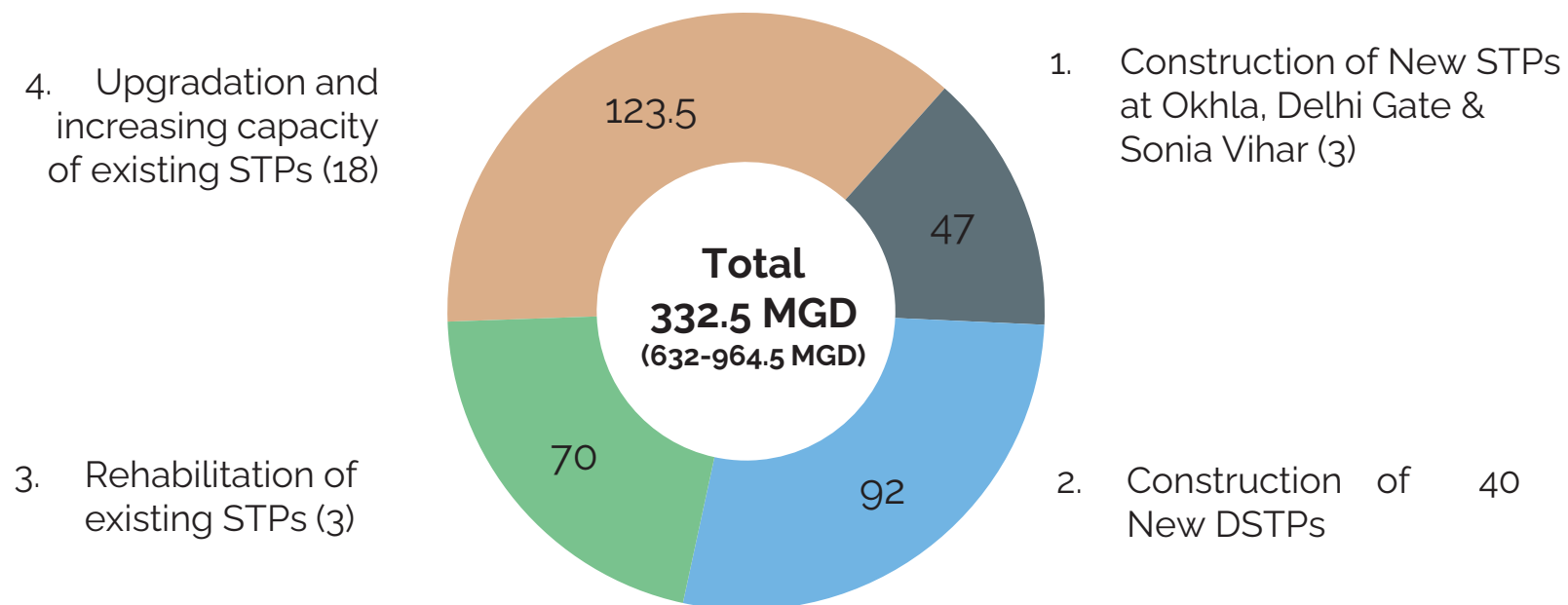


182.5 / 547 MGD

1. 100 Percent Treatment of Sewage

Focus Areas for Enhancing Sewage Treatment Capacity

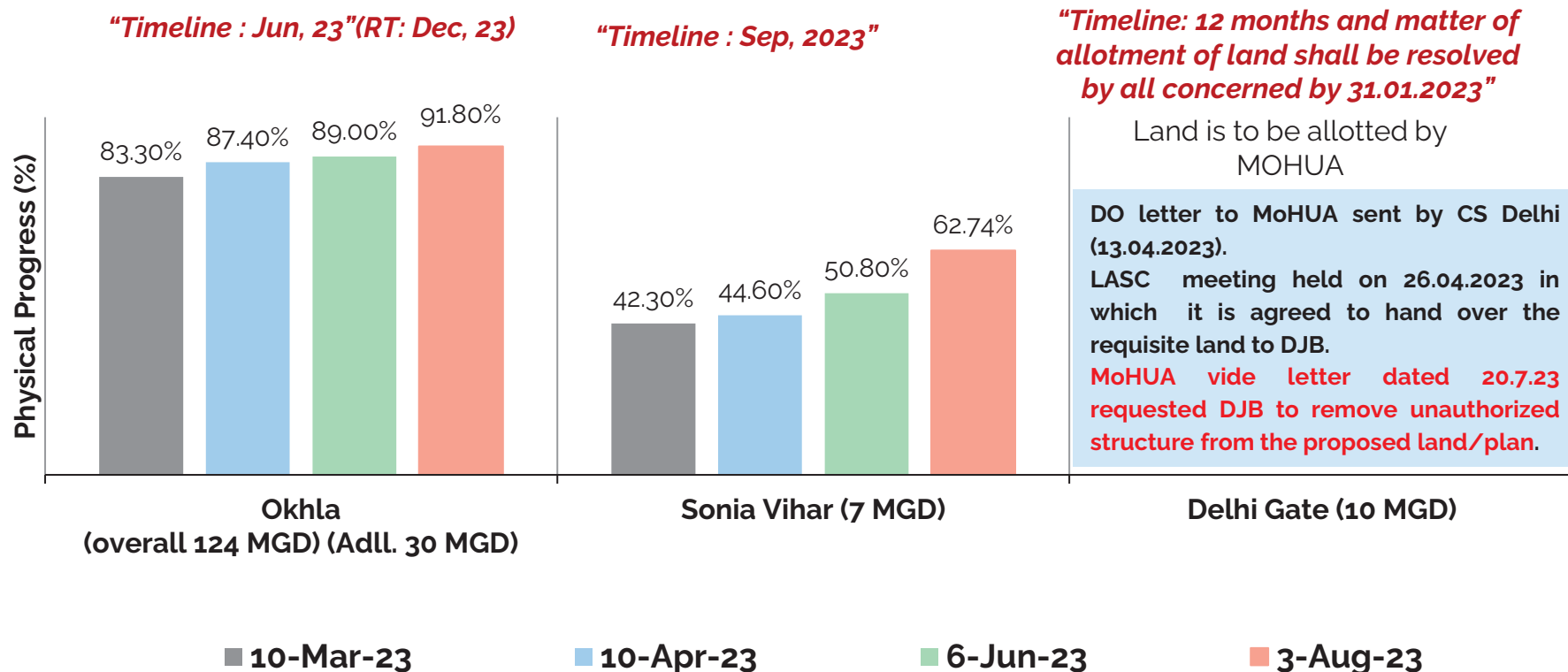
Timeline : June, 24



1.1. Progress in Construction of 3 new STPs

Order
Para No.
3.1.1

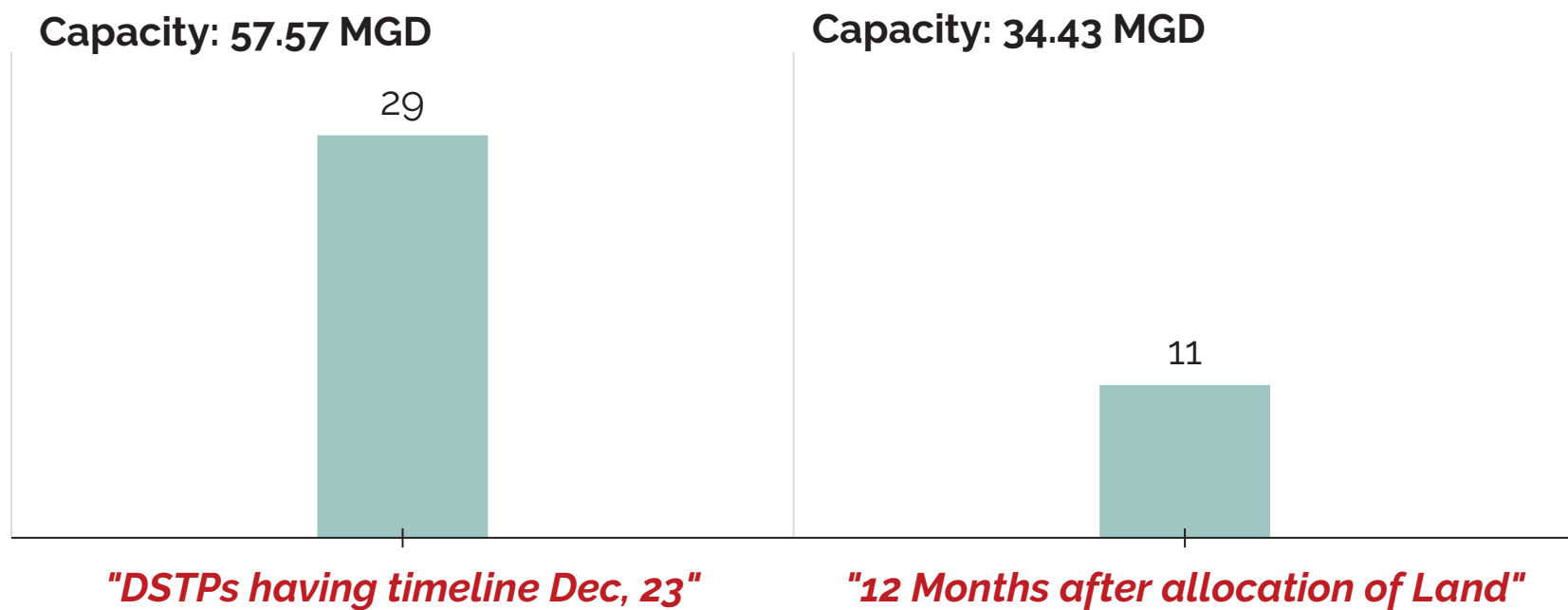
Capacity Addition: 47 MGD



1.2. Construction of 40 New DSTPs

Order
Para No.
3.1.2

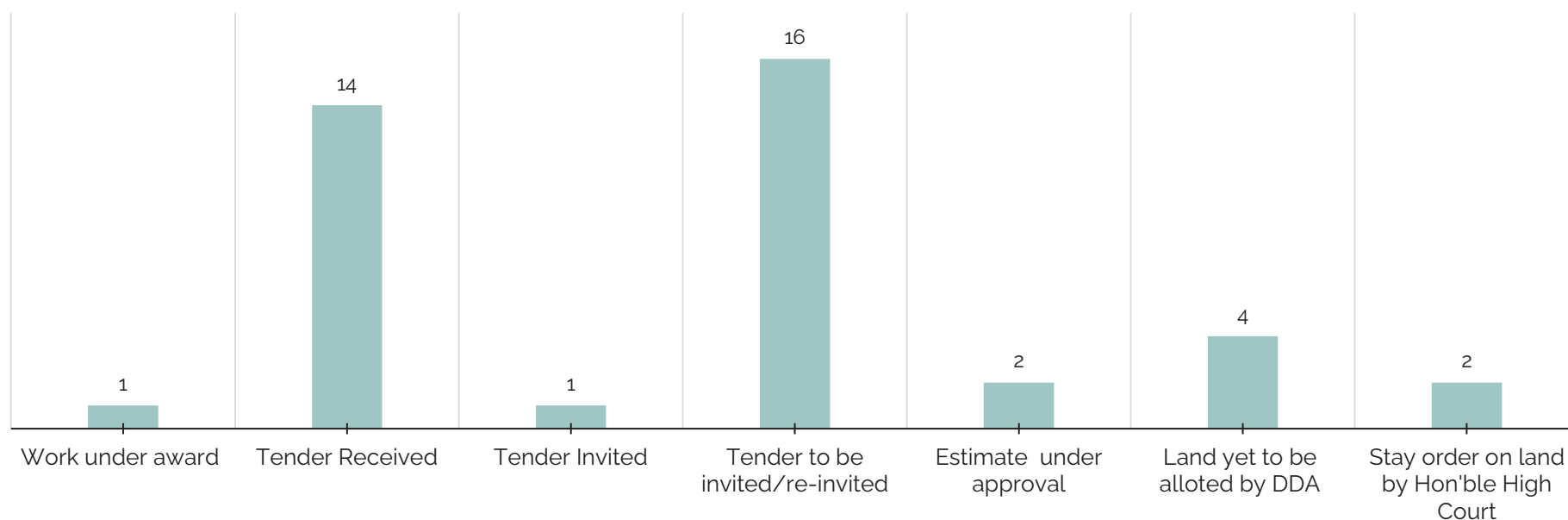
Capacity Addition: 92 MGD



1.2. Construction of 40 New DSTPs

Order
Para No.
3.1.2

40 DSTPs: Capacity Addition: 92 MGD



"Timeline : Dec, 2023"

1.2. Land Issues

Land Issues (19 DSTP & 10 SPS)

S.No.	Particulars	Department	Numbers	Resolved
1	06 DSTP & 06 SPS land	DDA	12	5
2	05 DSTP & 01 SPS land allotted by DDA but not handed over yet	DDA	6	5
4	Gram Sabha Land for DSTP	Revenue	4	3
5	Private Land to be acquired (2 DSTP & 1 SPS)	Revenue	3	0
6	2 DSTP land allotted by Revenue and handed over, but under dispute	Revenue	2	2
7	SPS land	DUSIB	1	1
8	SPS land	Police	1	1
Total			29	17

1.2. Land Issues (DDA)

04 DSTP and 04 SPS

S. No.	District	Village	Status as on 21.04.23	Status as on 07.06.2023	Status as on 25.07.2023
1	New Delhi	Rangpuri (DSTP)	TSS done. DDA has assured allotment this month.	Consent for land shown to DJB given, reply from DDA awaited.	Land is yet to be allotted by DDA
2	South west	Chattarpur Extension (DSTP)	Land is yet to be allotted by DDA	Land is yet to be allotted by DDA	Land is yet to be allotted by DDA
3	South west	Maidan Garhi (Rajpur Khurd) (DSTP)	DDA has assured allotment this month.	Joint inspection with DDA was held on 26.04.23. Land is yet to be allotted by DDA.	Land is yet to be allotted by DDA
4	South West	Salahpur Khera (SPS)	Water body present. Joint committee to check whether DSTP can be installed and the water body could also be developed	Development of water body along with construction of DSTP being taken up by DJB. Water body yet to be handed over by DDA.	Land is yet to be allotted by DDA

1.2. Land Issues (DDA)

04 DSTP and 04 SPS

S. No.	District	Location	Status as on 21.04.23	Status as on 07.06.2023	Status as on 25.07.2023
5	New Delhi	Shahbad Mohammadpur (SPS)	Water body present. Joint committee to check whether DSTP can be installed & water body could be developed	Development of water body along with construction of DSTP being taken up by DJB. Water body yet to be handed over by DDA.	Land is yet to be allotted by DDA.
6	North - West	Adjoining to Maharishi Valmiki Hospital, Pooth Khurd Village / Sultanpur Dabas village (SPS)	Water body present. Joint committee to check whether DSTP can be installed and the water body could also be developed	Joint inspection of alternate proposed site has been made on 09.05.2023 with DDA. Case under scrutiny of DDA for verification of litigation status. Land is yet to be allotted by DDA.	Land is yet to be allotted by DDA.
7	North - West	Vijay Colony near Bawana chowk / behind Rajiv Gandhi Stadium Bawana village (for SPS in Bajitput Thakran GOC)(SPS)			
8	North West	Mohamad Pur Majri (DSTP)	Encroachment yet to be removed by DDA before handing over land to DJB.	Not handed over due to encroachment.	Not handed over due to encroachment.

1.2. Land Issues (Revenue)

03 DSTP and 01 SPS

S. No.	District	Location	Status as on 21.04.23	Status as on 07.06.2023	Status as on 25.07.2023
9	North	Nayabans (DSTP)	Out of 13,000 Sqm requirement on land, only 1900 Sqm land allotted by Revenue Department vide letter dated 24.03.23. Balance land explored at DJB plants/other land owning agencies.	Same Status	Same Status
10	South - West	Tajpur Khurd (DSTP)	Matter taken up by Hon'ble Delhi HC on 27.03.2023, 29.03.2023 and on 11.04.2023. Next date of hearing is 25,26 Apr, 2023	Matter to be taken by Hon'ble Delhi HC on 14.07.2023.	Matter to be taken by Hon'ble Delhi HC on 28.08.2023
11	West	Tikri Kalan (DSTP)			Alternative land is also being explored
12	(Shah dara)	Milan Garden Lift station (SPS)	Land is yet to be acquired.	Land is yet to be acquired.	Land is yet to be acquired.

Minutes of 5th HLC Meeting

Clubbing of DSTPs

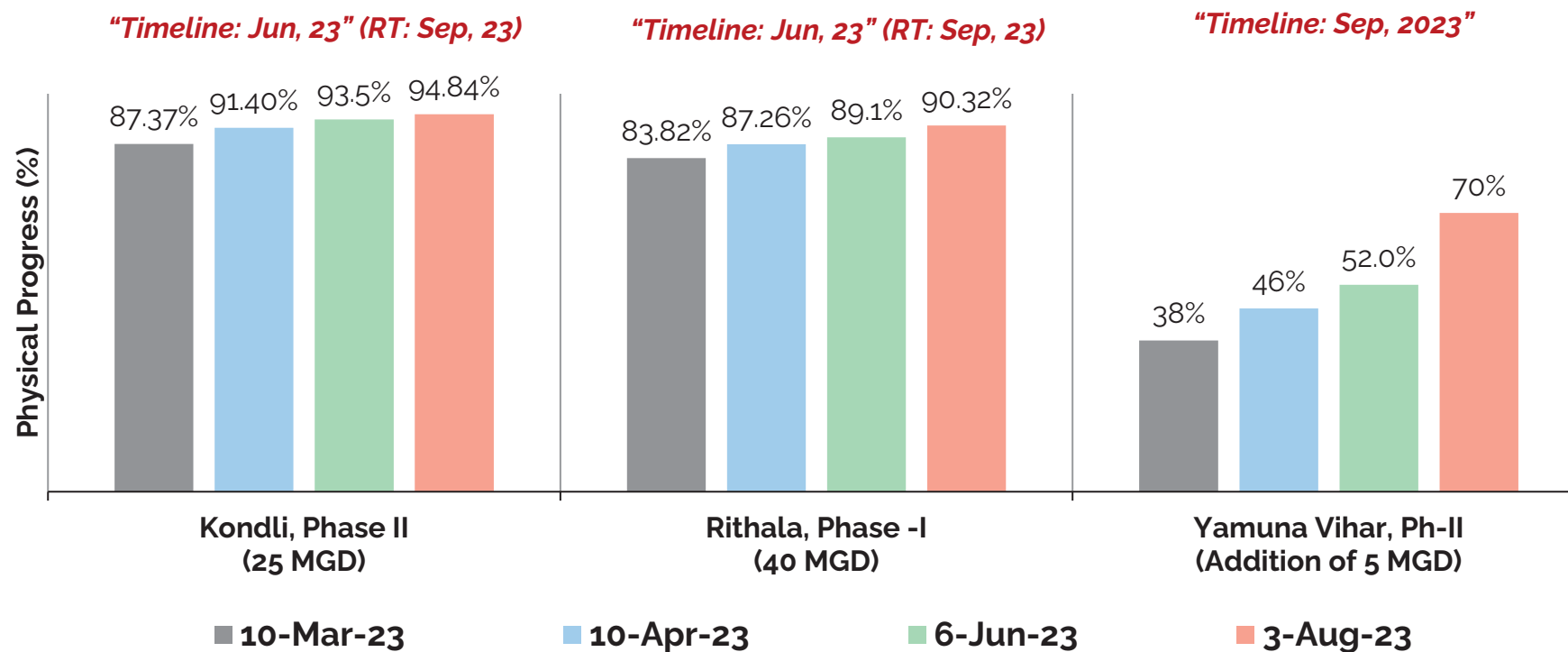
DJB may Explore possibility of clubbing some DSTPs to minimize the requirement of Land Parcels

- After Feasibility analysis it was inferred that clubbing of DSTPs is not possible

1.3. Progress in Rehabilitation of existing 3 STPs

Order
Para No.
3.1.3

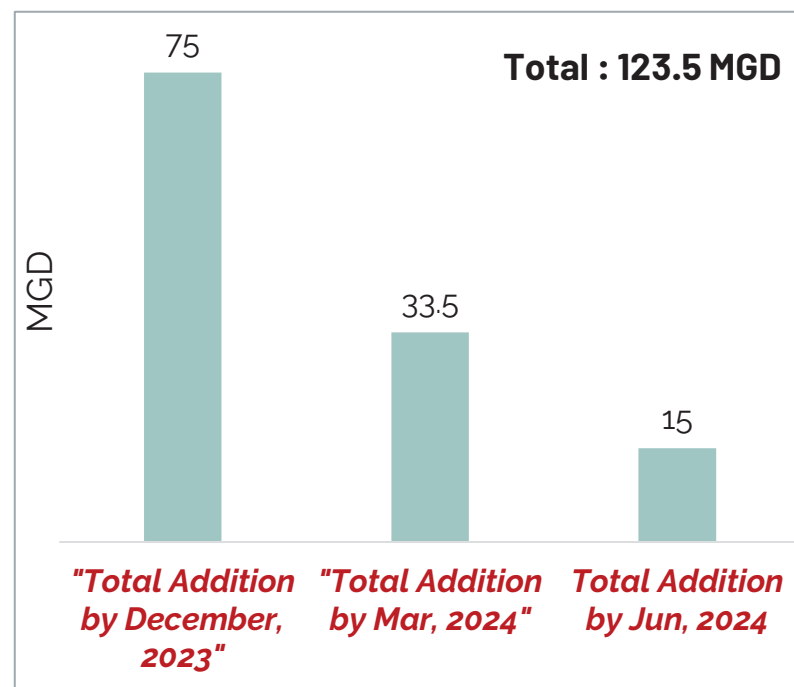
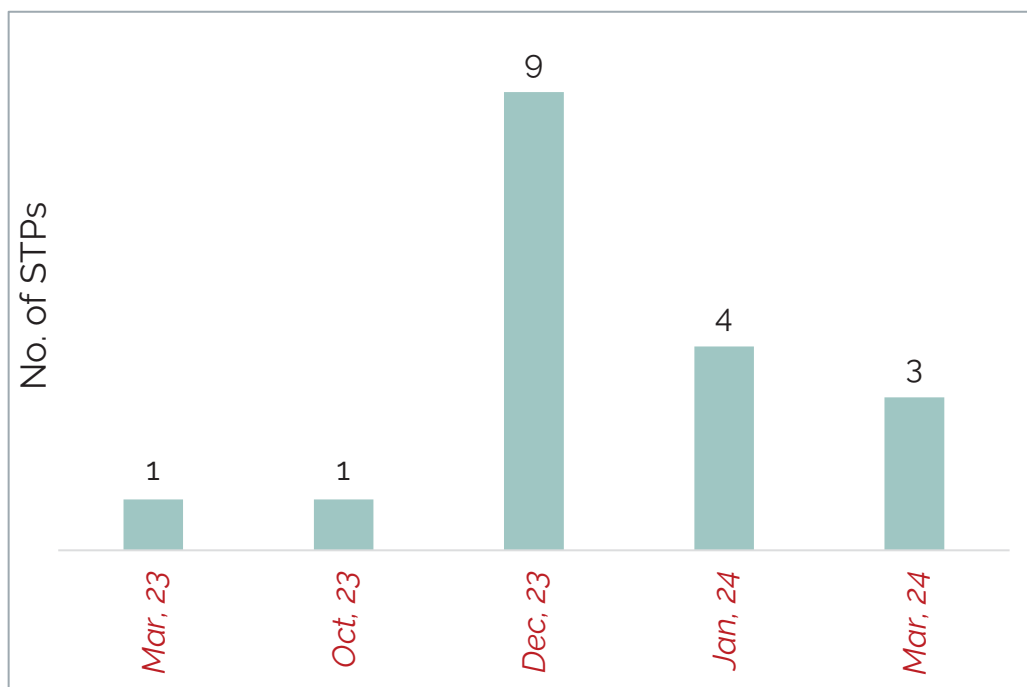
Capacity Addition: 70 MGD



1.4. Upgradation of Existing 18 Sewage Treatment Plants

Order
Para No.
3.1.4

Capacity Addition: 123.5 MGD
Timeline for completion – Jun, 2024



1.4. Upgradation of Existing 18 Sewage Treatment Plants

Order
Para No.
3.1.4

Sr. No.	Name of STP	Existing Capacity	Enhanced Capacity (In MGD)	Status as on 10 Apr, 23	Status as on 6 Jun, 23	Status as on 3 rd Aug, 23	Timelines
1.	Rithala Phase - II	40	40	80 %	85% (Complete plant is commissioned and BOD/TSS- 12/15)	93 %	"Mar, 2023"
2.	Kondli Phase- IV	45	45	38 %	46.46%	50.5%	"Oct, 2023"

1.4. Upgradation of Existing 18 Sewage Treatment Plants

Order
Para No.
3.1.4

Sr. No.	Name of STP	Existing Capacity	Enhanced Capacity (In MGD)	Status as on 10 Apr, 23	Status as on 6 Jun, 23	Status as on 3 rd Aug, 23	<i>Timelines</i>
3	Pappan Kalan Phase - I	20	30	5 %	15 %	18 %	<i>"Dec, 2023"</i>
4	Nilothi Phase -II	40	60	5 %	15 %	18 %	
5	Najafgarh	5	5	2 %	10 %	18 %	
6	Keshopur Phase -II	20	20	2 %	11 %	18 %	
7	Keshopur Phase-III	40	60	2 %	11 %	18 %	
8	Rohini Sector 25	15	25	6 %	15 %	19 %	
9	Narela	10	15	6 %	15 %	19 %	
10	Coronation Pillar Phase -I & II	20	20	6 %	15 %	19 %	
11	Coronation Pillar Phase - III	0 (Plant is non operational)	10	6 %	15 %	19 %	

1.4. Upgradation of Existing 18 Sewage Treatment Plants

Order
Para No.
3.1.4

Sr. No.	Name of STP	Existing Capacity	Enhanced Capacity (In MGD)	Status as on 10 Apr, 23	Status as on 6 Jun, 23	Status as on 3 rd Aug, 23	Timelines
12	Okhla Phase - V	16	16	Tenders opened on 06/04/23. single bidder participated in the bid . Case file is under technical evaluation	Tenders opened on 06/04/23. single bidder participated in the bid Case is under process of award.	The case has been put on hold due to scarcity of funds.	Jan, 2024
13	Mehrauli	5	7.5				
14	Ghitor ni	5	7.5				
15	Vasant Kunj	5	7.5				

1.4. Upgradation of Existing 18 Sewage Treatment Plants

**Order
Para No.
3.1.4**

Sr. No.	Name of STP	Existing Capacity	Enhanced Capacity (In MGD)	Status as on 10 Apr, 23	Status as on 6 Jun, 23	Status as on 3 rd Aug, 23	<i>Timelines</i>
16	Yamuna Vihar Phase – I	10	15	Single bid received. Rate on higher side. Agency shall be called for negotiation.	File has been sent for financial concurrence.	File has been sent for financial concurrence by the competent authority.	<i>Mar, 2024</i>
17.	Kesh opur Phase - I	12	18	Tenders opened on 06/04/23. single bidder participated in bid . Case file is under technical evaluation	Technical committee meeting for price negotiation with single bidder held on 19.05.2023. The same is under process and file will be send for financial concurrence afterwards.	Case file is in process for award of work and is currently under financial concurrence.	<i>Mar, 2024</i>
18.	Yamuna Vihar Phase – III	25	55	Single bid received. Rate on higher side. Agency shall be called for negotiation.	File has been sent to the competent authority for administrative approval of Estimate.	File has been sent to the competent authority for administrative approval of Estimate.	<i>June, 2024</i>

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

Order
Para No.
3.2

S.No.	Particulars	Total length (Km)	Cumulative Length Desilted as on 10.04.23 (Km)	Cumulative Length Desilted as on 06.07.23 (Km)	Cumulative Length Desilted as on 25.07.23 (Km)	Timelin es
1.	Desilting of 90.34 Km					"June, 23"
a	Yamuna Vihar STP	7.65	4.3	4.40	5.5	
b	Rithala-Rohini STP	19.21	11.2	13.3	19.21	
c	Narela STP & Coronation Pillar STP	8.05	7.92	8.026	8.026	
d	Keshopur STP	2.84	0.7	1.1	2.84	
e	Nilothi STP	4.61	0.94	1.1	1.34	
f	Kondli STP in east zone	8.76	Manhole tracing/sonar survey is in progress	1.195	1.66	
g	Dwarka STP	27.10	3.31	5.22	6.0	
h	Okhla STP	11.51	2	4.4	9.5	
i	Desilting of gravity duct no. 1	5.20	2.3	4.55	5.1	
	Total	94.93	32.67	48 (45.6 %)	59.176 (62.3%)	
2.	Desilting of remaining 110 Km	110	Initially 45 Km of sewer line shall be desilted for which estimates are being checked	Estimates are under approval.		"Mar, 24"

Desilting Before After Images

BEFORE



AFTER



Paschim Vihar Desilting

BEFORE



AFTER



Dwarka Desilting

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)	Timeline s
3.	<i>Desilting of Sewerlines (below 1000 mm Dia)</i>	<i>Earlier: 442.63 Now: 529.5</i>	26.08	94.4 (17.8%)	Dec, 23

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

5th HLC Decision

DOAs need to survey points at which sewers are punctured into storm water drains

Data Awaited from DoAs

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
1.c.		Pertains to PWD/IFCD/DSI IDC	52	
1.d.		Not Traceable	5	
1.e.		Not Feasible	56	
		Total	309	
2	IFCD		-	As per Info., received on 09.08.2023, no drain pertains to IFCD
3	DSI IDC			As per Info., received on 09.07.2023, no drain pertains to DSI IDC

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

Chief Secy. reviewed on 16.06.2023 & directed "DOAs (MCD, PWD, DSIIDC & IFCD) to **prepare list of their storm water drains** which are connected with Sewerage System in consultation with DJB & take urgent necessary action for disconnection / plugging of such drains"

Due to recent floods and rainy season, the survey shall be done after monsoons

1.7. Prevention of dumping of waste from the Bridges across River Yamuna

New Action Point

S. No.	Name of Bridge	Length of Bridge (in Km)	Wire mesh/ Net Provided	Status of wire mesh/net	Timeline for repair of broken wire mesh/net	Bridge owning/ maintaining agency	Action Taken
			Yes/No	Intact/ Broken			
1	Wazirabad Barrage Road Bridge	0.50	Yes	Partially Damaged	30- June-2023	PWD	
2	ISBT Road Bridge (Near Kashmeri Gate)	0.57	Yes	Partially Damaged	30- June-2023	PWD	
3	Old Iron Railway Bridge	0.93	Yes	Intact	NA	Northern Railway Bridge Dept.	-
4	Geeta Colony Road Bridge	0.55	Yes	12 Sqm. Missing/ Theft	1 Month	PWD	
5	Signature Road Bridge				Data awaited	DTTDC/PWD	Work of clearing debris/ concrete piles: Work started, however stopped due to flooding.To be restarted after decrease of water level

1.7. Prevention of dumping of waste form the bridges across River Yamuna

New Action Point

S. No.	Name of Bridge	Length of Bridge (in Km)	Wire mesh/ Net Provided	Timeline for providing wire mesh/net (if not provided)	Status of wire mesh/net	Timeline for repair of broken wire mesh/net	Bridge owning/ maintaining agency	Action Taken
			Yes/No		Intact/ Broken			
6	ITO Road Bridge	0.6	Yes	NA	50 Sqm. Missing/ Theft	1 Month	PWD	
7	Railway Bridge Downsteam of ITO	0.55	NO	Mar-24	Not Provided	NA	Northern Railway	
8	Nizammudin Road Bridge					Data awaited	NHAI / PWD	
9	DND Flyway Road Bridge					Data awaited	NHAI / PWD	

Trapping of partially trapped Sen Nursing Home Drain

Order
Para No.
3.2.1(i)

- *Sen Nursing Home Drain has been trapped into Sen Nursing Home STP as well as into the Ring Road trunk sewer.*
- *However, some marginal flow/ overflow still passes during peak hours.*

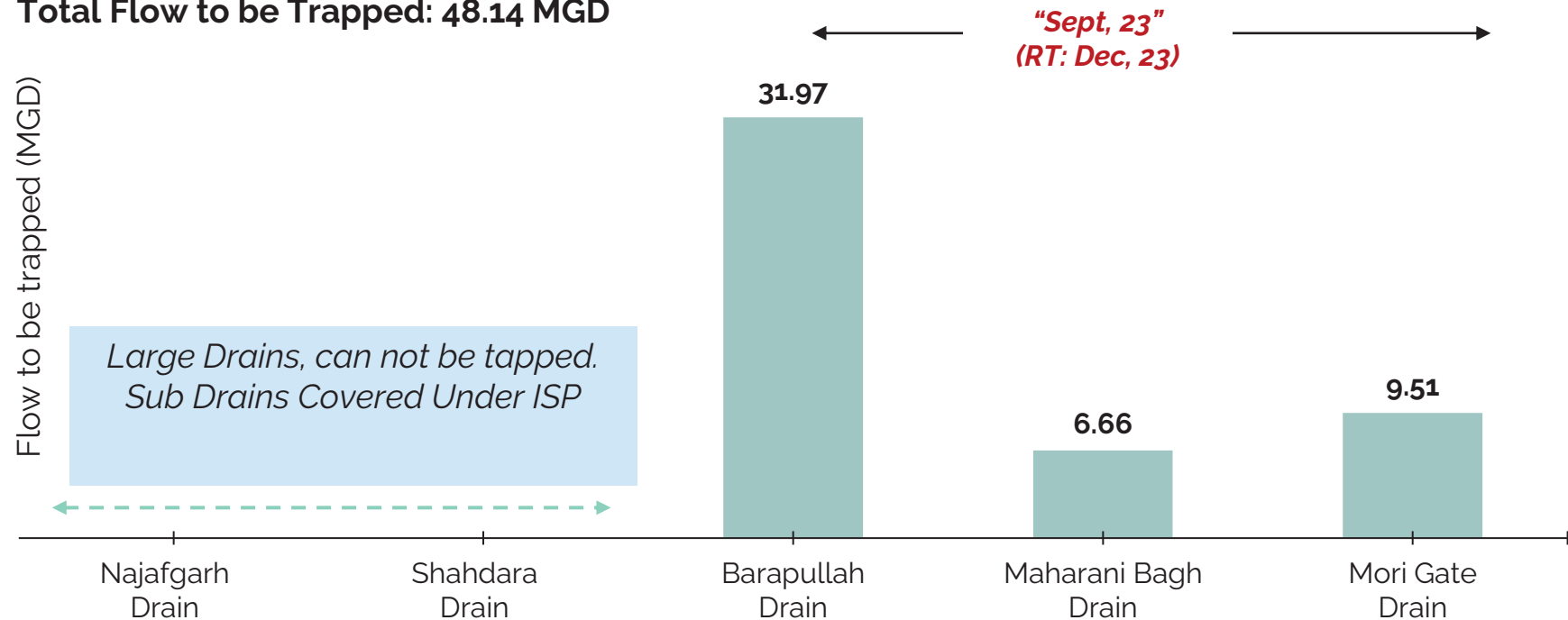
Direction	Timelines	Status as on 05.06.2023	Status as on 08.08.2023
Trapping of Marginal/ overflow of Sen Nursing Home Drain	Action Plan: Mar, 23	Due to ongoing construction activity by CPWD around the WHO complex, subsoil water is pumped into drain after trapping. Complete trapping of drain is only possible after stopping discharge from construction activity of CPWD. Decision taken in 5th HLC - Hon'ble Lt. Governor directed MCD to clean the Sen Nursing Home Drain.	• Work at WHO complex still in-progress & underground water is pumped into drains. • During the recent floods in Yamuna River w.e.f. 12th & 13th July 2023, it was fully surcharged as one of its gates owned/operated by IFCD. • A drain got damaged causing high level of water due to back flow from Yamuna River resulting in flood in U/S area upto ITO / IP state • Removal of floating material/Plastic waste done regularly to clear drain. • Inspection done to take corrective measures to maintain optimum flow

2. Trapping of all Drains

Order
Para No.
3.2.1(iii)

Trapping of Drains (Remaining 3 untapped major drains)

Total Flow to be Trapped: 48.14 MGD

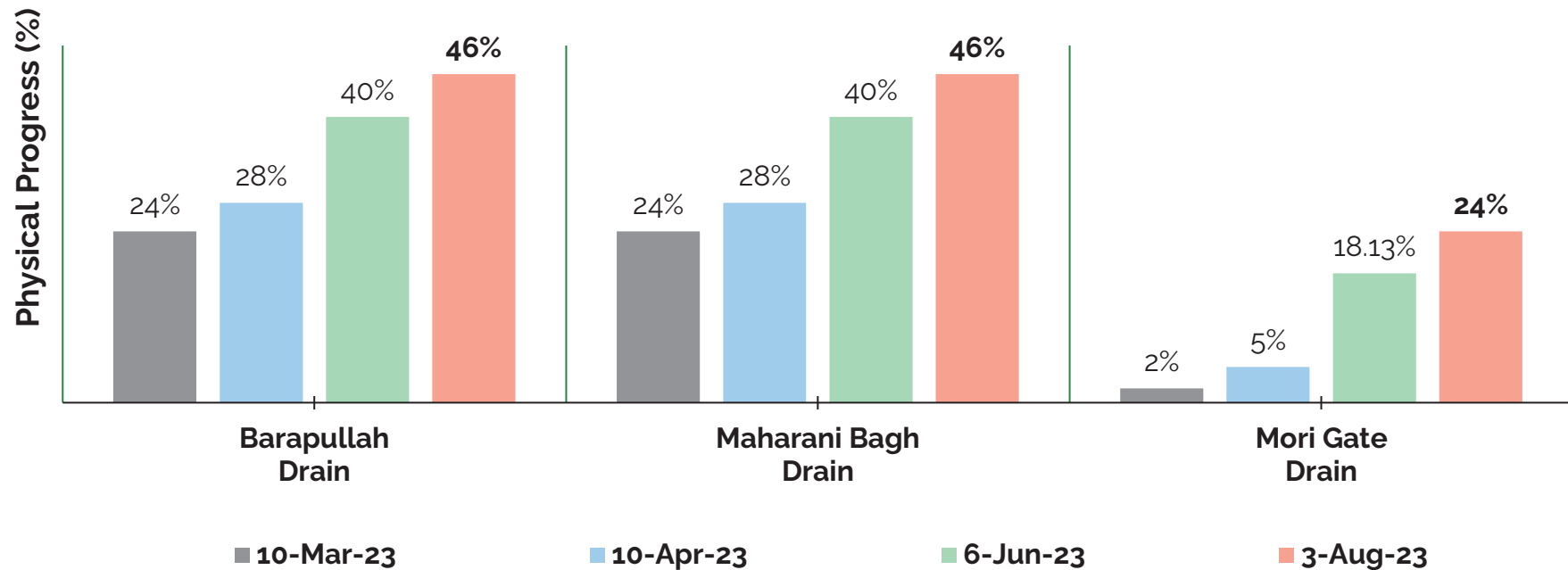


2. Trapping of all Drains

Order
Para No.
3.2.1(iii)

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

"Timeline: Sep, 2023"



2. Trapping of all Drains

Order
Para No.
3.2.2 (iii)

Action plan of 76 un-trapped sub drains

Sr. No.	Name of major Drain	Total nos of un-trapped drains	Number of sub drains	Timeline	Present Status (as on 25.07.2023)		
1.	Najafgarh Drain	44	18	May, 23	Trapped		
			04	Jun, 23	03- Trapped	01- 97 %	
			22	Oct, 23	17 3- Under Progress 14- linked with DSTPs (Dec, 23)	2-Action to be taken by DDA	3- DSTPs land sub-judice
2	Shahdara Outfall Drain	02	02	"Jun, 23"	73.4 %		
3	Supplementary Drain	30	14	Apr, 23	Trapped		
			1	May, 23	Trapped		
			14	Jun, 23	11-Trapped	02-Drains 75-80 %	1-DSTP Estimate prepared
			01	Sep, 23	39%		

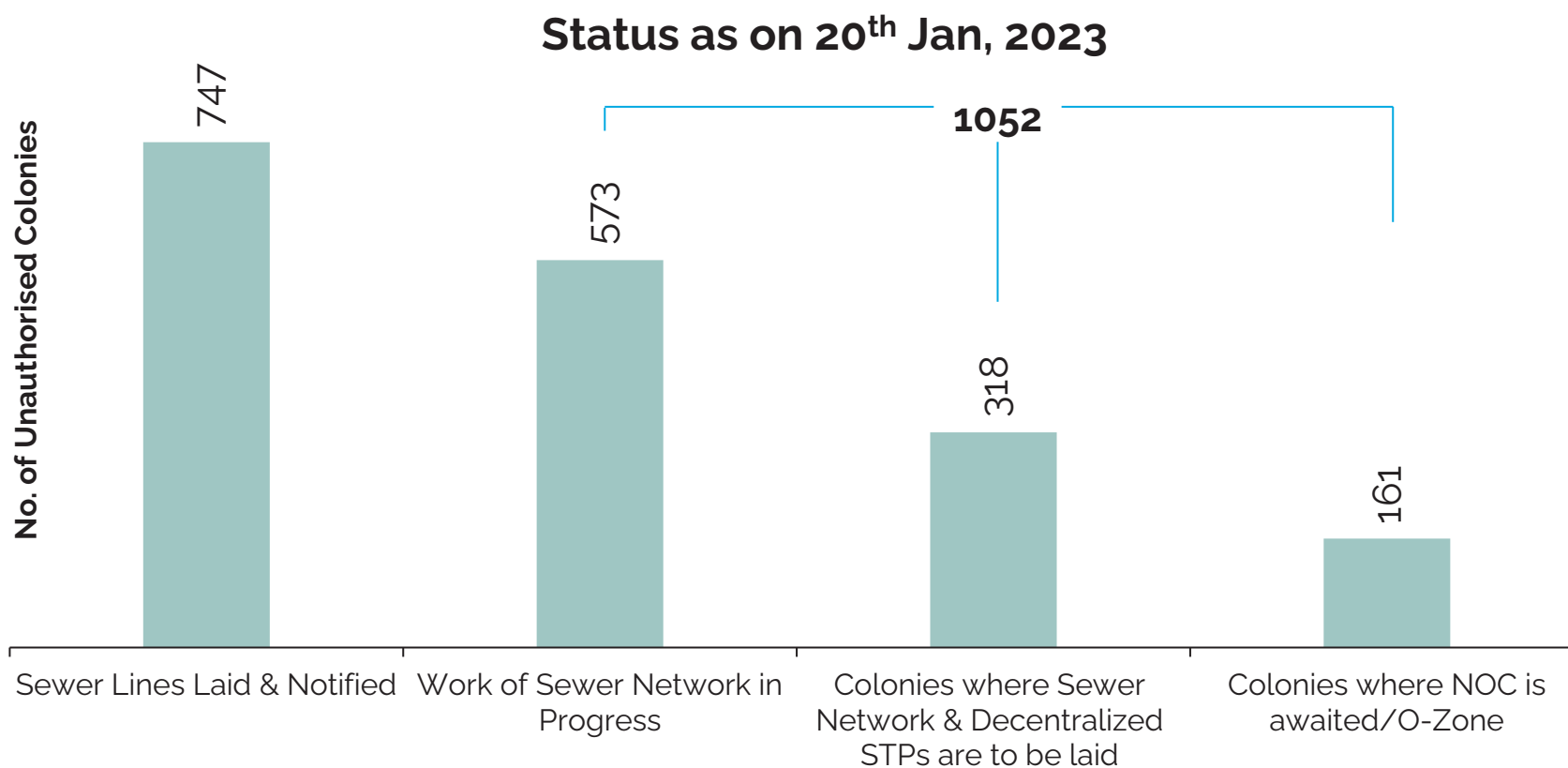
2.1. Performance Audit of completely trapped 11 major drains and all sub-drains

Order
Para No.
3.2.3

Direction	Timeline	Status
<i>DJB to undertake Performance Audit of completely trapped 11 major drains and all sub-drains through an independent agency</i>	Feb, 2023	Work Awarded to WAPCOS Work has been put on hold due to monsoon

3. Sewerage Network in unauthorised colonies (1799)

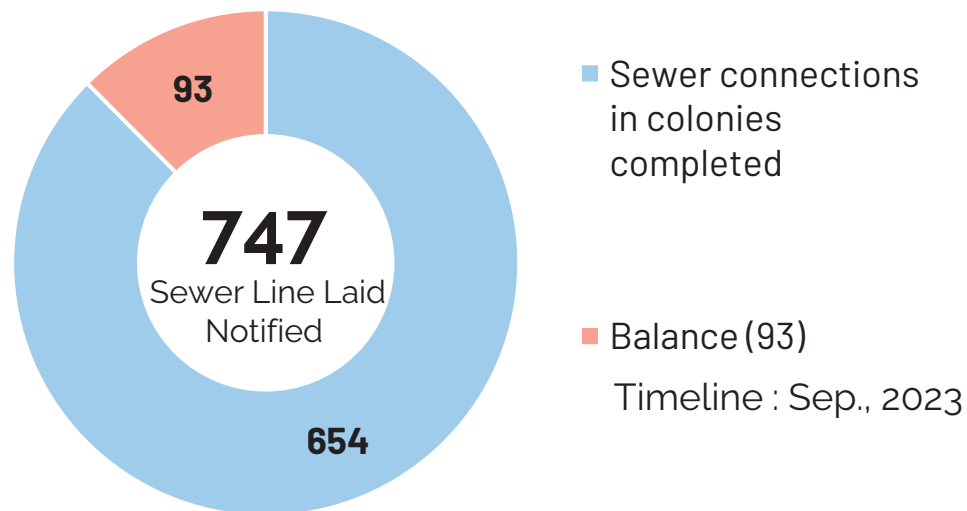
Order
Para No.
3.3.1



Decision Taken in 3rd Meeting

Connection to all households

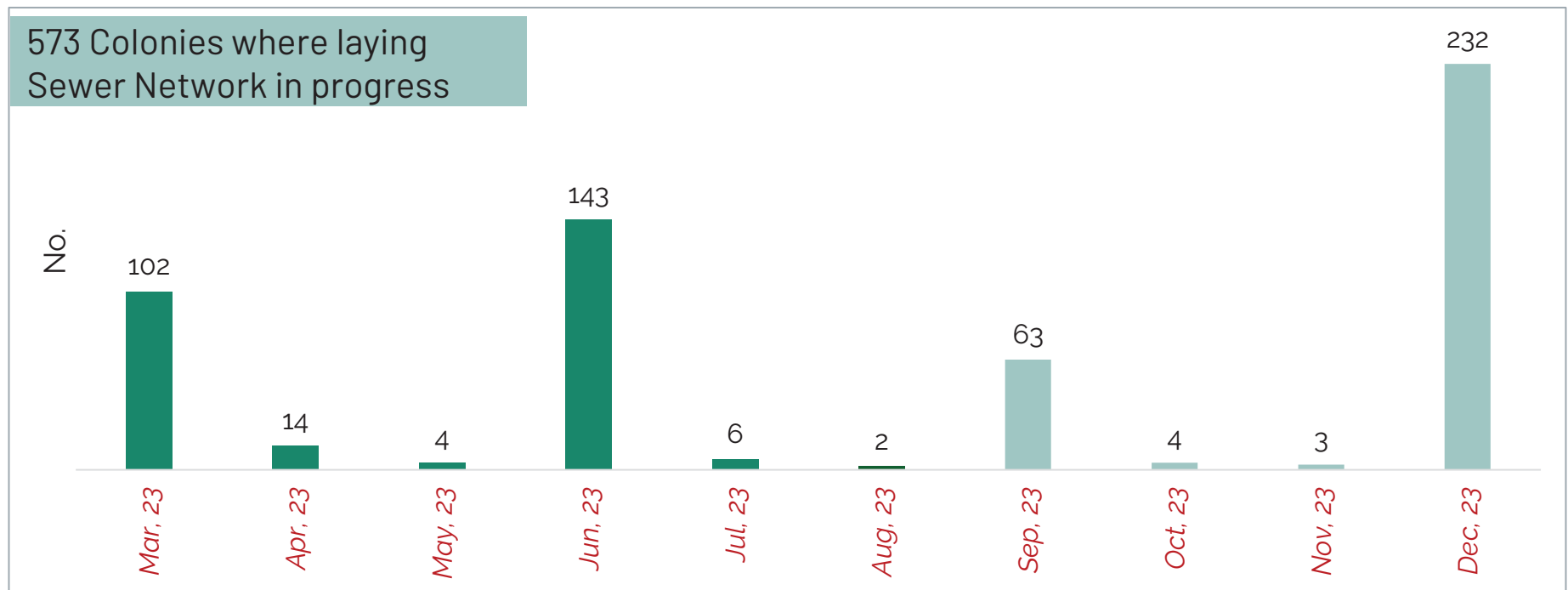
Hon'ble Lt. Governor directed DJB to complete survey and submit timeline by which DJB will provide connection to all households in unauthorized colonies where sewer network has been laid.



3.1. Status of Sewerage Networks in Progress

Order
Para No.
3.3.1

573 Colonies where laying Sewer Network in progress



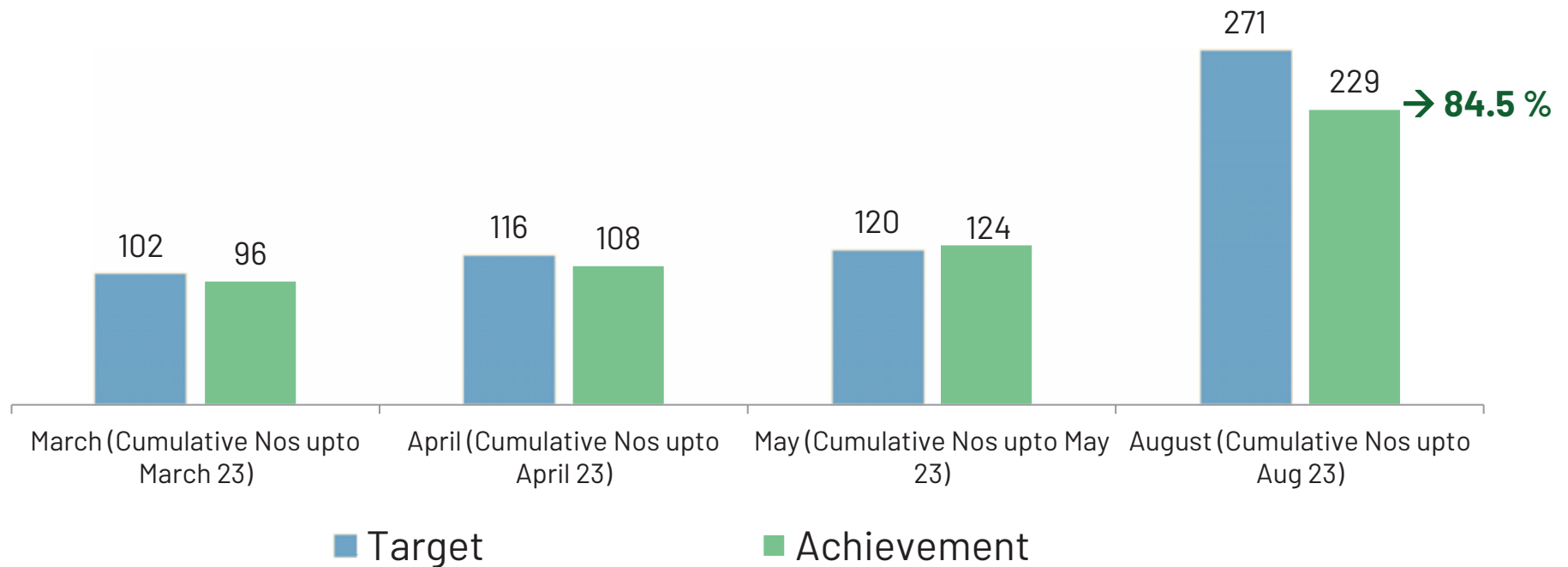
3.1.1. Status of Sewerage Networks in Progress

Order
Para No.
3.3.1

573 Colonies where laying Sewer Network in progress

Cumulative Physical Progress of 271 Colonies

"Timeline: August , 23"



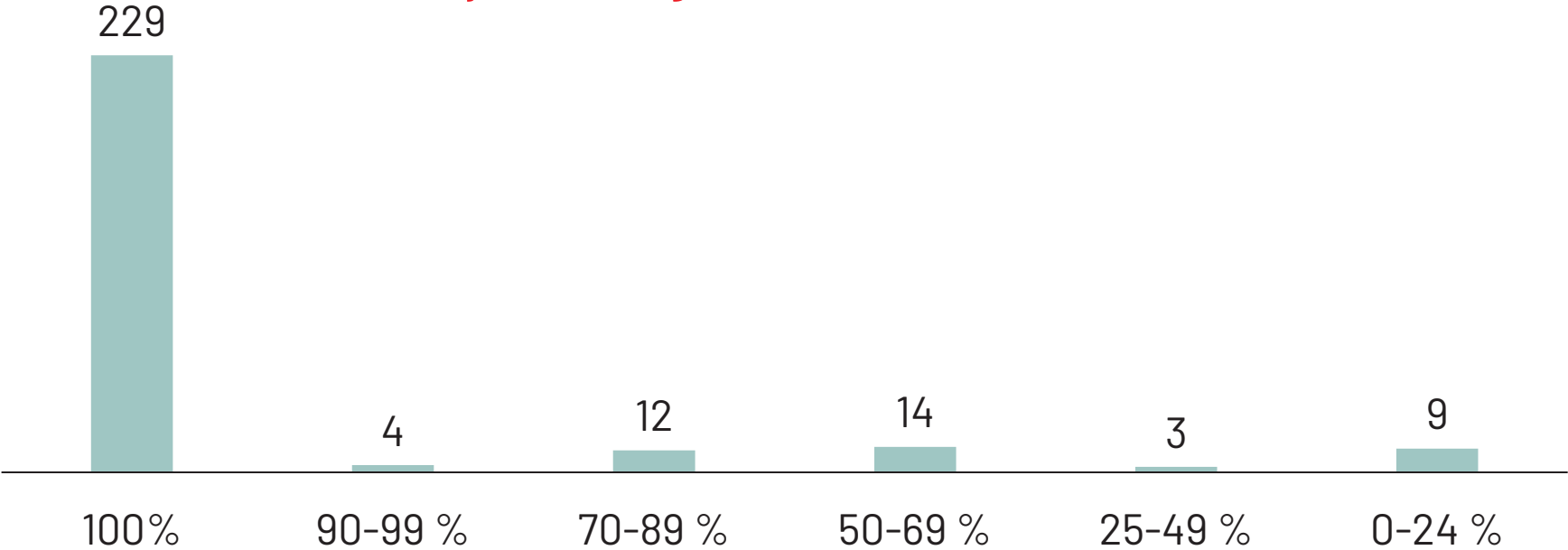
3.1.1. Status of Sewerage Networks in Progress

Order
Para No.
3.3.1

573 Colonies where laying Sewer Network in progress

Physical Progress of 271 Colonies

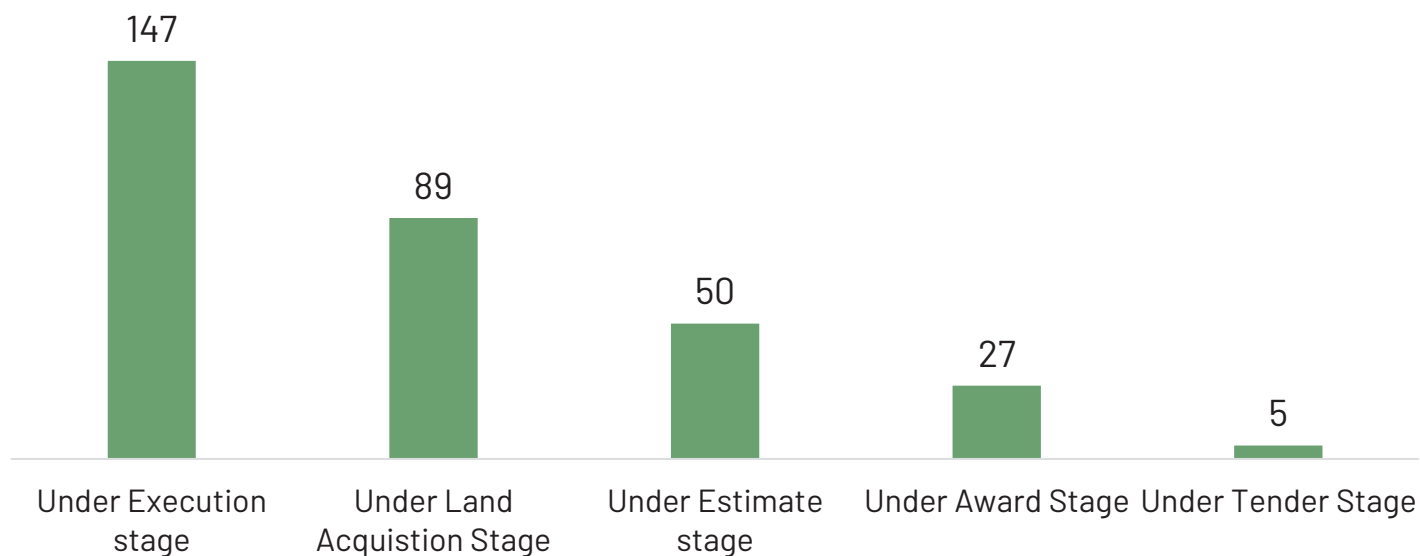
"Timeline: August , 23"



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

Order
Para No.
3.3.1

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

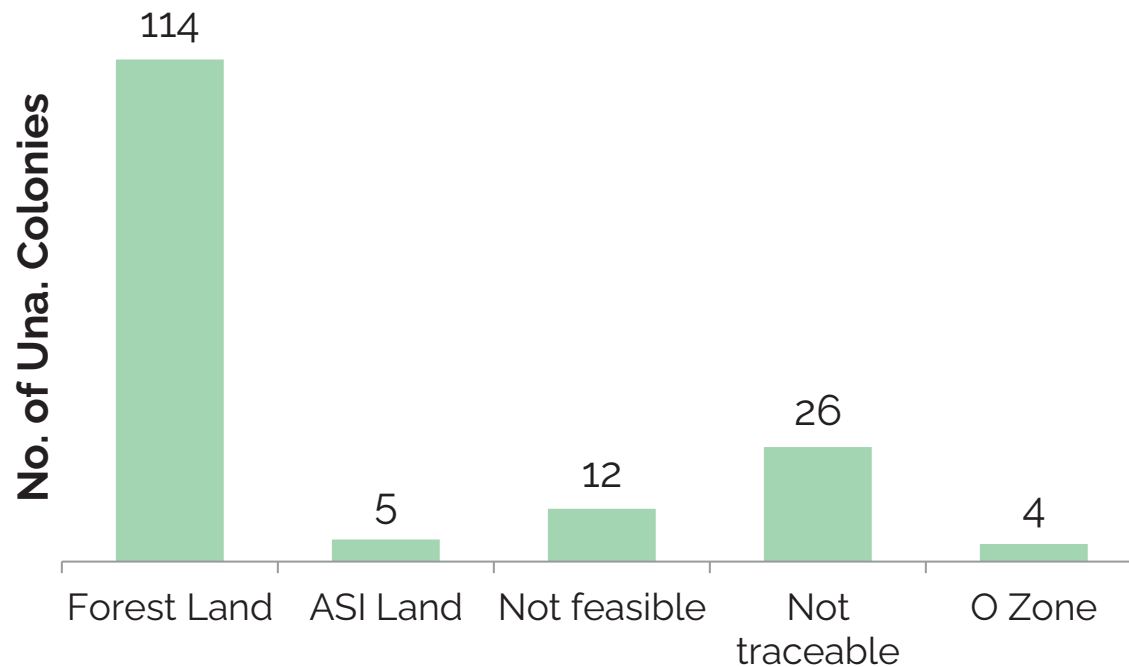


Status of 318 Colonies

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

Order
Para No.
3.3.1

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

Order
Para No.
3.3.1

161 colonies where NOC is awaited/O-Zone

Reviewed by Pr. Secretary on 05.07.2023

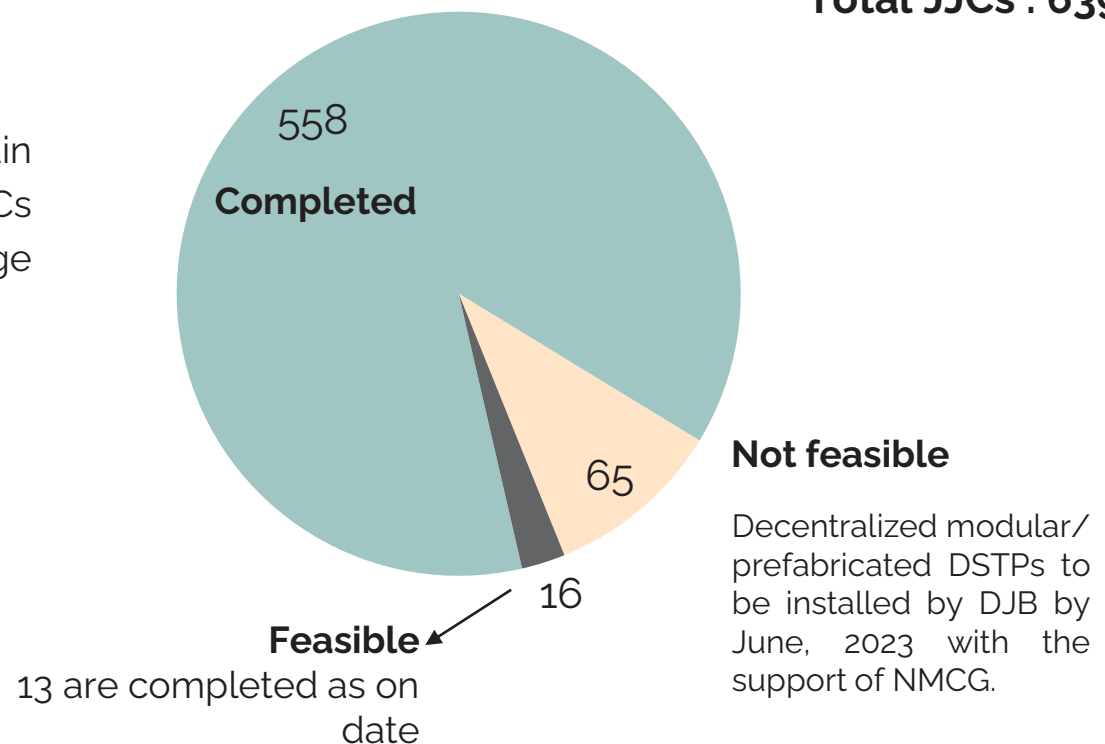
S.No	Dept.	UC (No.)	Decision Taken
1	Forest Land	114	DJB prepared a list and Google Earth file of 78 UCs and forwarded the same to forest department on 21.07.2023
2	ASI	05	ASI gave permission to DJB to one UC in Mehrauli. • At one UC (Tuglakabad Area) matter is pending in HC • 3 UC don't fall under their jurisdiction
3	O-zone (DDA)	04	01 UC at Majnu ka Tila has been removed by DDA Comments in 3 cases of UC falling under "O Zone" awaited
4	Not feasible	12	-
5	Not traceable	26 (now 22 traced)	Details been prepared on 22 UCs
	Total	161	

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

Order
Para No.
3.3.2

Total JJC's : 639

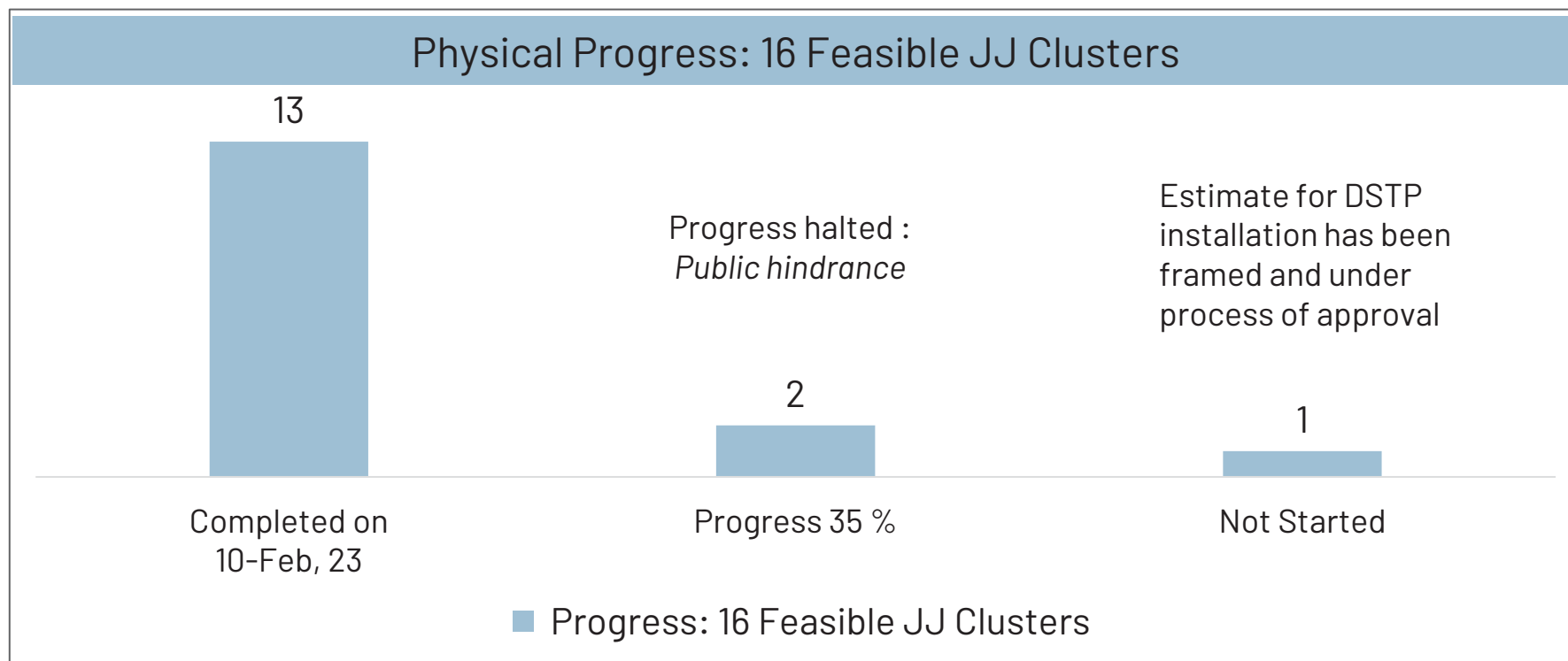
- Connection of storm water drain at outfall points/ points of JJC's into nearest DJB sewerage system.
- **Timeline: Jun, 2023**



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

Order
Para No.
3.3.2

Progress in 16 JJ Clusters



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

Order
Para No.
3.3.2

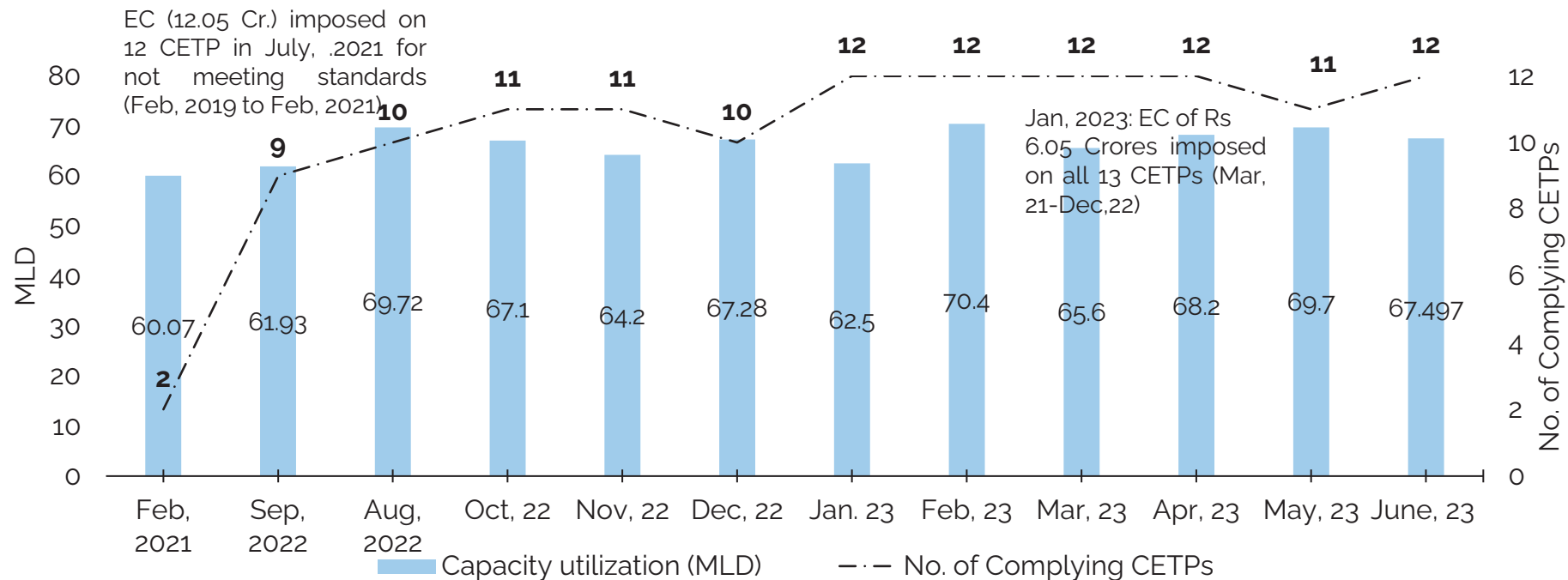
Progress in 65 JJ Clusters

S.No	Status	No. of JJ Clusters
1	Connected/Trapped in DJB network	7
2	Drains to be trapped in sewer line (work in progress)	7
3	Drains will be trapped after commission of proposed sewer. network in nearby U/A col.	18
4	Drains which can be trapped in to sewerage network by installing lift station as per NMCG	2
5	Feasible sites approved by NMCG for which demand has been raised for funds from NMCG	15
6	Trapped in STP through major storm water drain/trapping work are in progress	8
7	Not feasible due to space constraints and multiple outfalls etc.	6
8	JJC cluster does not exist as per NMCG report	1
9	Site does not exist	1
	Total	65

4. Industrial Effluent Management by CETPs (13)

CETPs designed to meet prescribed standards under EP Act (Installed Capacity of all the 13 CETPs: 212.3 MLD)

DPCC monitors CETPs on monthly basis



4.1. Action against Dyeing units

Order
Para No.
3.4 (iv)

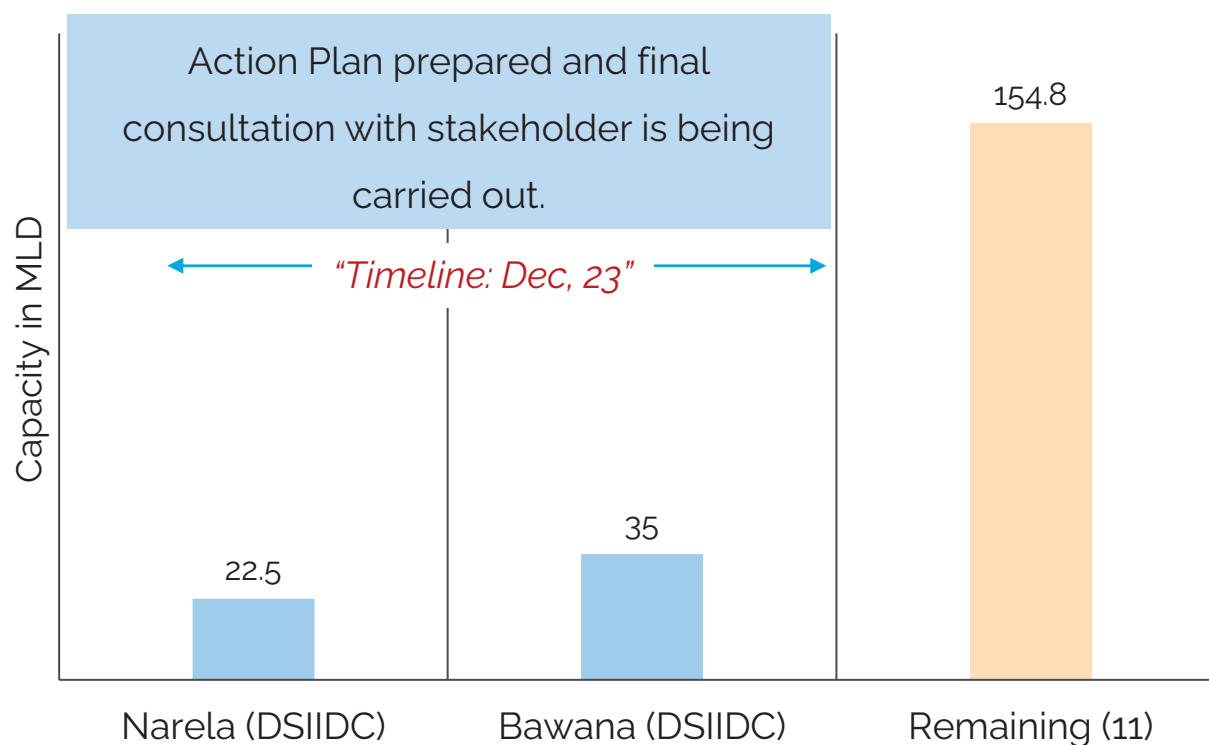
Action taken against Dyeing units in non-conforming areas of Delhi by Joint Team consisting of MCD, DPCC, Revenue Dept., Power Companies, DJB (28.04.2023 to 06.08.2023)

- Total No. Dyeing industries found during inspection : **203***
- No. Dyeing units Surveyed : **78**
- Notice Issued : **27**
- Close down/Sealed/ Disconnection of electricity : **98**
- 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 the 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**

* 78 surveyed units included

4.2. Upgradation of CETPs with Timelines

Order
Para No.
3.4



Meeting taken by CS with ACS (Industries), CEO (DJB) and it was decided that CETPs Societies will be taken over by Industries Department and will be handed over to DSIIDC for their management.

Formal approval to handover the CETPs to DSIIDC is awaited

DJB: Meeting of Hon'ble Minister, Industries: CETPs to be handed over to DJB for upgradation and Maintenance

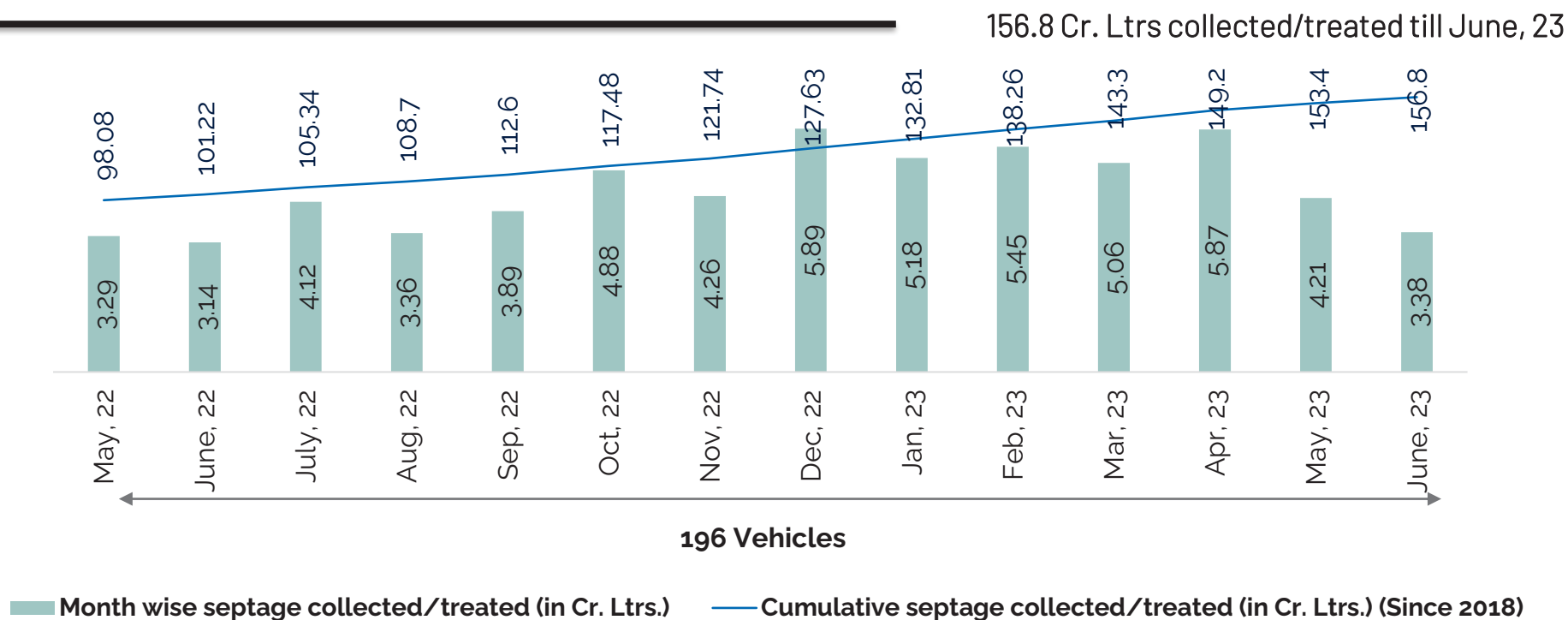
5. Faecal Sludge (Septage) Management

- **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	05.06.2023-05.08.2023	Cumulative
Total No. of Meetings of Septage Management Committees held	15 (5-South, 6- East, 4- South East)	122
No. of Vehicles/ Tankers found unauthorizedly discharging septage into Drains etc.	0	68
No. of Vehicles/ Tankers impounded	0	64
No. of Challans/notices issued	0	22
Total Amount of Environmental Compensation Imposed (in Lakhs)	0	15.74 Lakhs
Total Amount of Environmental Compensation received (in Lakhs)	0	15.24 Lakhs

5.1. Faecal Sludge (Septage) Collection & Treatment

Order
Para No.
3.5



"196 Vehicles to be reduced to 150 by June, 2023" now reduced to 190 (as on 23.07.2023)

5.2. Septage Management Regulations 2018

Order
Para No.
3.5

"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 the Delhi Water Board Septage Management Regulations 2018 to make them more effective & enforceable."

Direction	Timeline	Status
<i>Report to be submitted</i>	15 Feb, 2023	Recommendation of the Committee placed before Board meeting of DJB on 04.05.2023 and was approved. DJB to pursue with UD for amendment in regulations

Decision Taken in 4th Meeting

4th MoM

Hon'ble Lt. Governor observed that despite above decision taken in previous meeting of HLC, incentives to drivers of authorized tankers for disposal of septage at designated SPSs / STPs is yet to be provided by DJB and directed CEO DJB to take immediate necessary action in this regard

Scheme for providing incentive to the authorized licensed vehicle owners/drivers for disposal of septage to the designated SPSs / STPs of Delhi Jal Board has been put up for the approval of competent authority. **(200/- per trip proposed)**

Decision Taken in 5th Meeting

5th MoM

DJB to review the amount of Incentive proposed in the scheme and increase amount to minimize Rs. 500/- per trip.

Proposal is under approval

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 30.07.2023
1	Kalindi Aviral (Part B)	163	Feb, 23 (<i>RT: To be provided</i>)	- Civil & Horticulture - 99 % completed - Planning for balance area is under progress 16 Ha under litigation - NDoH: 17.08.23
2	Asita East (Part B)	107	Mar, 23 (<i>RT: 30.09.2023</i>)	- Civil-74%, Horticulture- 75% Completed (work is held up as site partially submerged due to rise in water level of river Yamuna) 1.5 Ha encroachment - NDoH: 18.08.2023
3	Amrut Bio Diversity (116.5 Ha)			
	Part A	90	22.05.2024	Civil-78%, Horticulture- 20% Completed (work is held up as site partially submerged due to rise in water level of river Yamuna)
	Part B	18		1 Ha Under litigation, - NDoH: 13.09.2023
	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 30.07.2023
4	Asita West / Yamuna Vatika (Part B)	107	June, 23 (RT: 30.12.2023)	- Civil-83%, Horticulture- 52% work completed (Work is held up as site partially submerged due to rise in water level of river Yamuna) Encroachment Free (proposal being revised)
5	Kalindi Biodiversity Park	115	Within 9 months after completion of NHAI project	- Progress: 27% (Work held up due to NHAI work) 2.83 Ha. Area of encroachment cleared on 08.08.2023. Assessment of project area under litigation and encroachment underway
6	Ghat Area (66Ha)			
	Part A: (Qudsia Ghat/ Vasudev Ghat)	16	Apr, 23 (RT: 31.08.2023)	- Civil-70%, Horticulture- 71% Completed - Work held up due to flooding and deposition of clayey soil (1.5Ft) during rise in water level of River Yamuna.
	Part B: (Surghat)	13.6	Dec, 23	- Tender for 50 Ha awarded & work to be undertaken - Work is held up as site partially submerged due to rise in water level of river Yamuna
	Part C: Eco Trail	33		4.90 Ha Encroached
	Yamuna Bazar	3.4		NDoH: 10.08.2023, 11.08.2023, 13.09.2023, 11.12..2023

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 30.07.2023
	Yamuna Vanasthali:	236.5	May, 23	- Civil: 87.5%, Horticulture 57% completed 15.7 Ha encroached 13 Ha. under litigation. - NDoH: 10.08.2023, 02.11.2023
8	Mayur Nature Park	397.75	-	100Ha land denotified, physical demarcation completed 50% of encroachment cleared, for 2000 Jhuggies there is stay from court. - Next date of hearing : 30.10.2023 & 18.09.2023
	Part A	235		
	Part B	162.75		Work to be done by UP Irrigation
9	Hindan Sarovar:	45	Dec, 23	- Detailed Survey under progress. - Site is currently flooded due to rise of water in Yamuna River
	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 the O-II is finalised after notification of MPD 2041 - Encroachment Free
	Part A	22.7		
	Part B	7.3		land is with DTC

6.1. Land at River Yamuna flood plain to NMCG

Order
Para No.
3.6.2

Direction	Timeline	5 th HLC Minutes	Status as on 08.08.2023
<i>To identify and allot a piece of land at River Yamuna Flood Plain to NMCG for development of a biodiversity park by NMCG</i>	Feb, 2023	Instead of Bio diversity park NMCG asked for development of one ghat at Kalindi Kunj In 5th HLC meeting, it was decided that DDA may continue with ghat development work. NMCG to assist DDA by funding for its various projects on the Yamuna flood plain. DDA to identify a site and move a note to NMCG asking for fund sharing.	• DDA identified approx. 9-10 Ha b/w ITO Barrage & DMRC blue line bridge on eastern bank near Yamuna Bank Metro Station • A letter informing the location of the Ghat area to NMCG is sent on 11th July 2023 • Reply from NMCG is awaited

7. Utilization of Treated Wastewater

Order
Para No.
3.7

Action Plan by DJB (547 MGD)

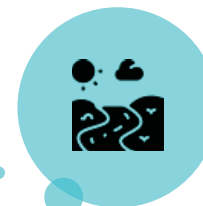
90 MGD

Being used in
Horticulture etc.



267 MGD

Mandatory Return
Flow in Yamuna



**547
MGD**

**Total Treated
Sewage**

70 MGD + 30 MGD

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



90 MGD

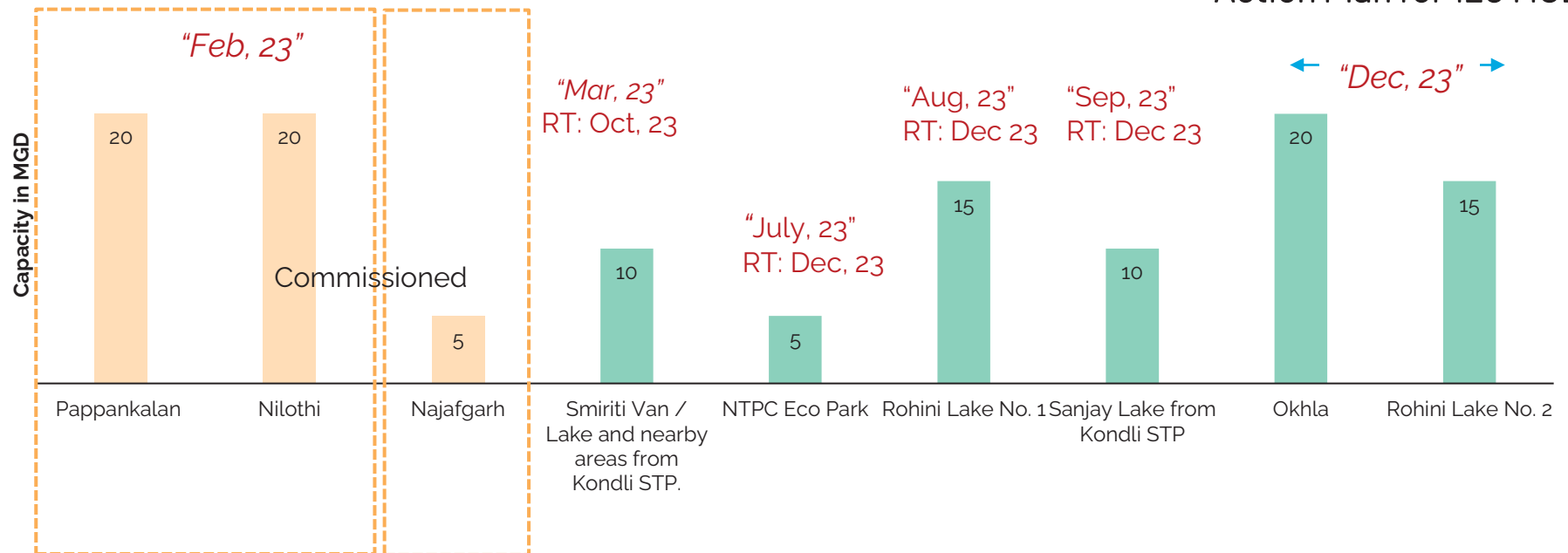
Gap



7.1. Action Plan for Utilization 120 MGD Treated Wastewater

Order
Para No.
3.7

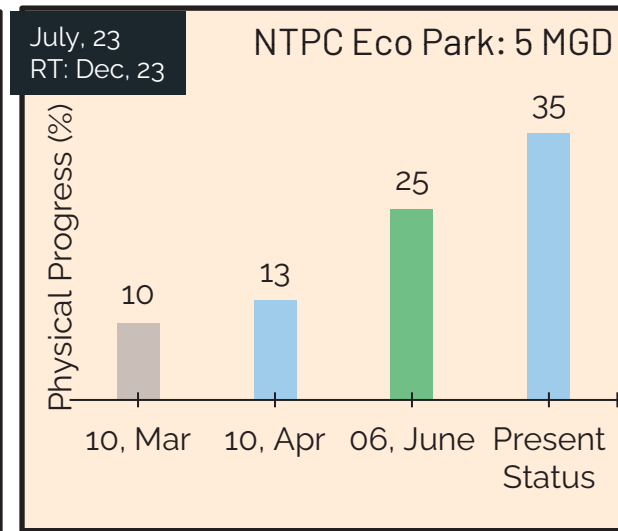
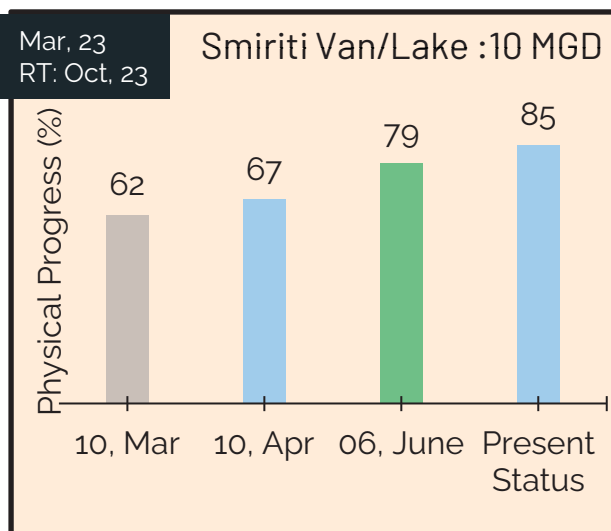
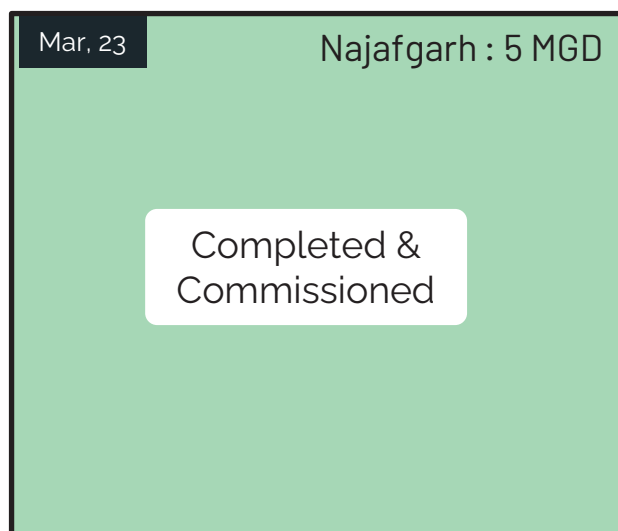
Action Plan for 120 MGD)



7.1. Action Plan for Utilization 120 MGD Treated Wastewater

Order
Para No.
3.7

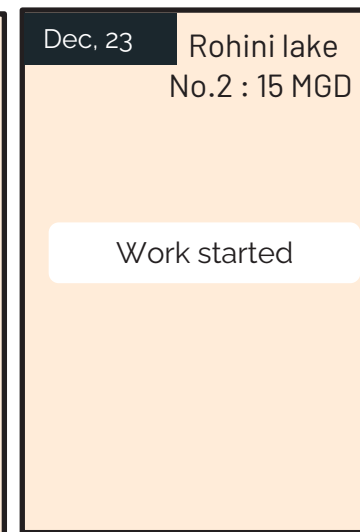
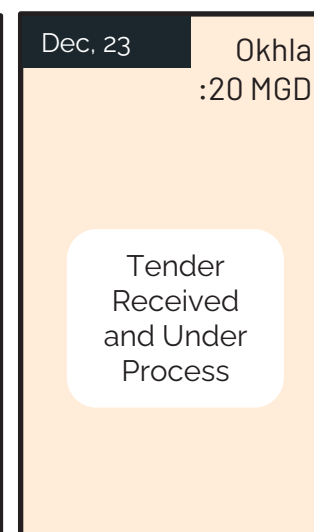
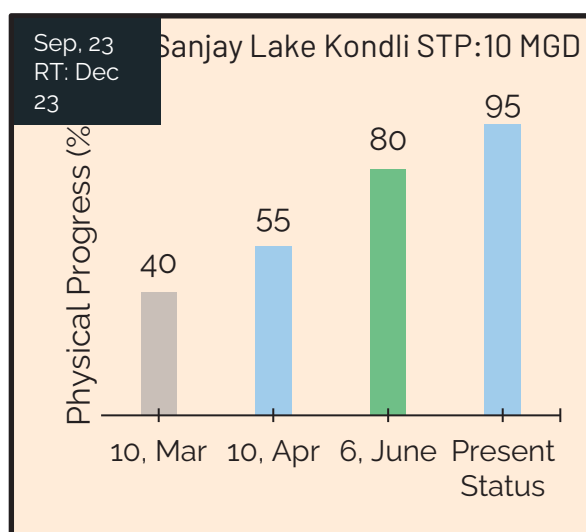
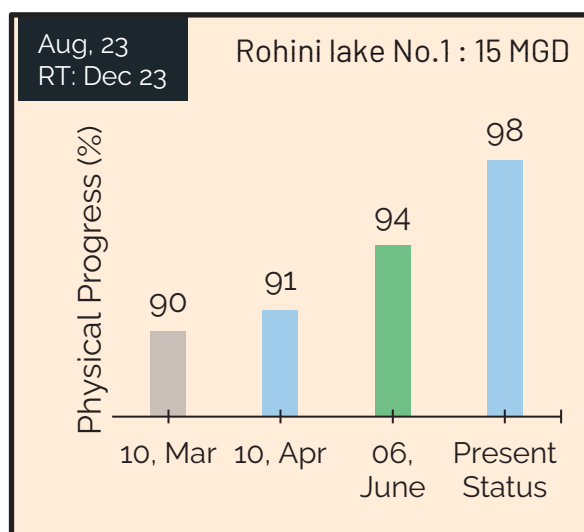
Action Plan for 120 MGD)



7.1. Action Plan for Utilization 120 MGD Treated Wastewater

Order
Para No.
3.7

Action Plan for 120 MGD)



Najafgarh Jheel (Environmental Management Plan)



Najafgarh Jheel (Environmental Management Plan)

The Hon'ble Tribunal on 21.01.2022 disposed of the matter with following directions:-

"Further action of preparing integrated EMP by the MoEF&CC be taken and till it is done, EMPs prepared for rejuvenation and protection of the lake be enforced by the State of Haryana and the NCT Delhi. Wetland (Conservation and Management) Rules, 2017 be strictly followed" and constituted Inter Ministerial Expert Group in GOI



Najafgarh Jheel (Environmental Management Plan)

- EMP broken into action points and circulated to eight stakeholder departments on 02.03.2022 for ground actions.
- Hon'ble Tribunal further on 16.02.2023 in related cases disposed of the matter with following directions:-

"...that since issue of control of pollution of drains and water bodies impacting Yamuna is now being dealt with in Delhi by a high level Committee headed by L.G. and issue of rejuvenation of Najafgarh Lake is integral to rejuvenation of Yamuna, the same can also be dealt with by the same Committee as far as Delhi is concerned and by the Chief Secretary, Haryana for the areas in Haryana".

- Civil Appeal No. 4100/2023 filed in Hon'ble Supreme Court of India against final order dated 16.02.2023 passed by Hon'ble NGT in Execution Application - disposed off on 31.07.2023 by Hon'ble SCI with directions that the matter be dealt with by existing high level Committee.

Najafgarh Jheel (Environmental Management Plan)

Departments	EMP Actions
1. IFCD	1. Hydrological assessment to determine water sediment, GW recharge, critical siltation. [IM]
2. Forest	2. Species inventory, creation of interpretation center, education of visitors . [LTM]
3. Delhi Jal Board	3. In-situ treatment of inflowing drains. [MTM]
4. Municipal Corporation of Delhi	4. Desilting of 6 inflowing drains [MTM]
5. DPCC	5. Water quality monitoring [Data Needs]
6. Power Department	6. Relocating flow obstructions-power sub stations. [MTM]
7. Development Department	7. Initiatives towards organic agriculture. [MTM]
8. Revenue	8. Najafgarh Wetland Committee to oversee compliance with extant regulations , & to formulate a land acquisition model for submerged land near Najafgarh Jheel. [MTM]

Najafgarh Jheel (Environmental Management Plan)

Following requests from IFCD Department, GNCTD:-

- (i) Road Widening on the existing road.
- (ii) Deposition of silt extracted from Najafgarh Jheel filled around road on embankment.

EMP says :

- Providing alternate road connectivity to the settlements at the two ends of the Najafgarh Jheel, thus reducing vehicular traffic on embankment especially during peak migration season of waterbirds.
- Commissioning hydrological assessment to determine water sediment, and nutrient fluxes; groundwater recharge; and critically silted up areas needing desiltation.

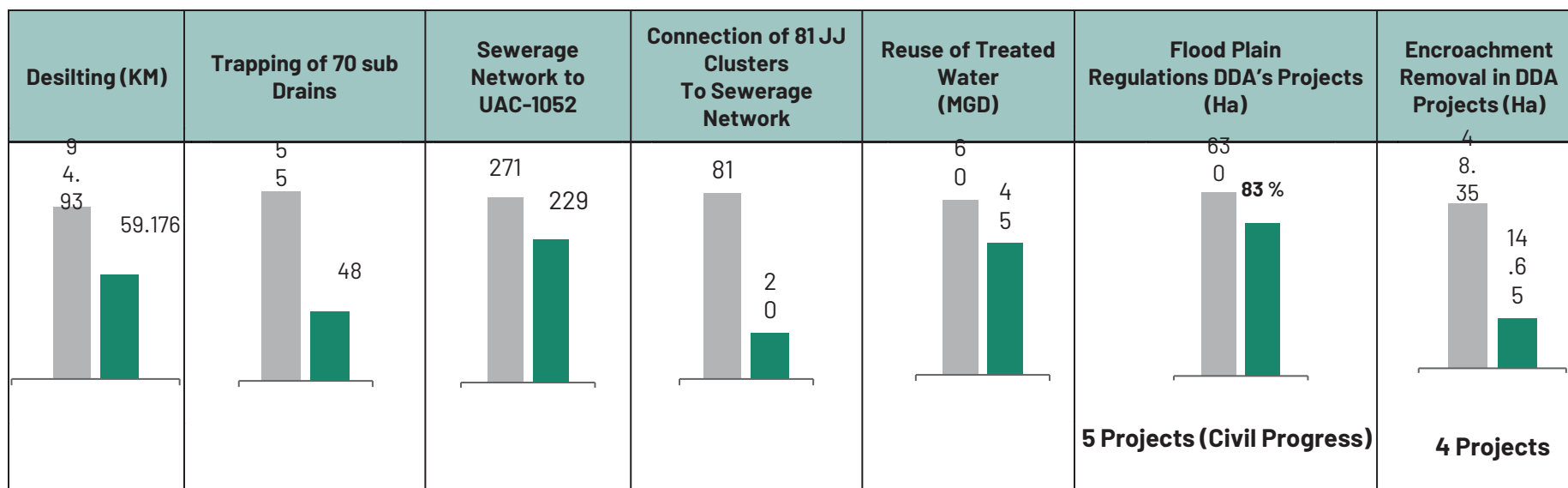
Decision Taken in 4th Meeting

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 is under consideration for Installation of solar panel on right bank of Najafgarh Drain.
- Detailed feasibility and potential is yet to be submitted by SECI.

Summary of progress in projects (August 2023)



Timeline: 31st August, 23



Way Forward

S.No.	Action Point	Intervention required
1	Allocation of Land by DDA/Revenue for construction of New DSTPs	DDA- 08 parcels Revenue- 04 parcels to allot land in all pending cases by this month.
2	Desilting of Sewer	To achieve target : 03 month after withdrawal of monsoon in Delhi.
3	Sewerage network in 117 Unauthorized Colonies where it has to be laid along with DSTPs	Expedite tender process to achieve targets of Dec, 2023
4	Utilization of Treated Wastewater	Smiriti Van/Lake :10 MGD, NTPC Eco Park: 5 MGD, Rohini lake No.1 : 15 MGD

Way Forward



S.No.	Action Point	Intervention required
5	Lagging Projects requiring immediate attention	1. Construction of New STP at Okhla (RT : Dec, 23) and Rehabilitation of STPs at Rithala Phase I & Kondli Phase II (Earlier timeline June, 2023 now Sept, 2023). 2. Upgradation of Rithala Phase -II 3. Restoration Projects ▪ Kalindi Aviral (Part B) ▪ Asita East (Part B) ▪ Amrut Bio Diversity Park (Part A and Part B) ▪ Qudsia Ghat ▪ Yamuna Vanasthali 4. Encroachment Removal ▪ Amrut Bio Diversity Park ▪ Yamuna Vanasthali ▪ Eco tourism area ▪ Kalindi Aviral

Department of
Environment, GNCTD



Delhi Pollution
Control Committee



Thank you

