



Department of
Environment, GNCTD

Delhi Pollution
Control Committee



5th Meeting of HLC

REJUVENATION OF RIVER YAMUNA

1st Meeting: 20th Jan, 2nd : 14th Feb, 3rd : 14th Mar & 4th : 21st Apr, 2023

To Review Action Plans and Progress

9th June, 2023

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

Directions dated 09.01.23

- *“High Level Committee (HLC) headed by Hon'ble LG, Delhi constituted and CS, Delhi as a convener.*
- *Committee may continue to meet at least once in every week for next six months so as **to achieve tangible results within the said period.***
- 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)

Report to be filed in NGT | *OA No. 21/23 Disposed Off* | **Next Date of hearing in matter of OA 06/2012 : 04.07.2023**

Improvement of water quality in Yamuna

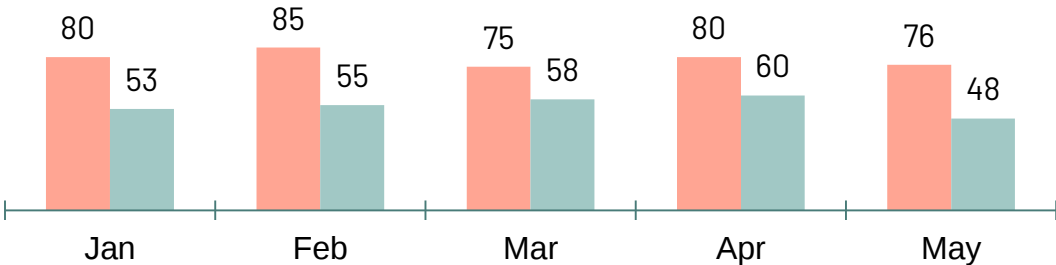
Major Action points

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

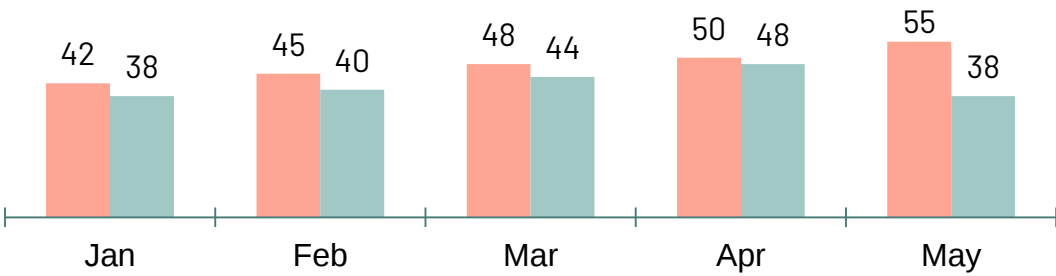
1384 Action Points

Yamuna Water Quality : BOD (mg/l) variation

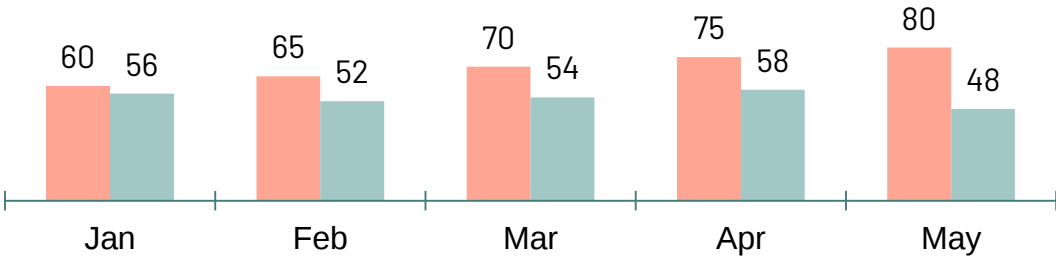
Najafgarh Drain



ISBT (After meeting Najafgarh Drain)



D/s After meeting Shahdara Drain

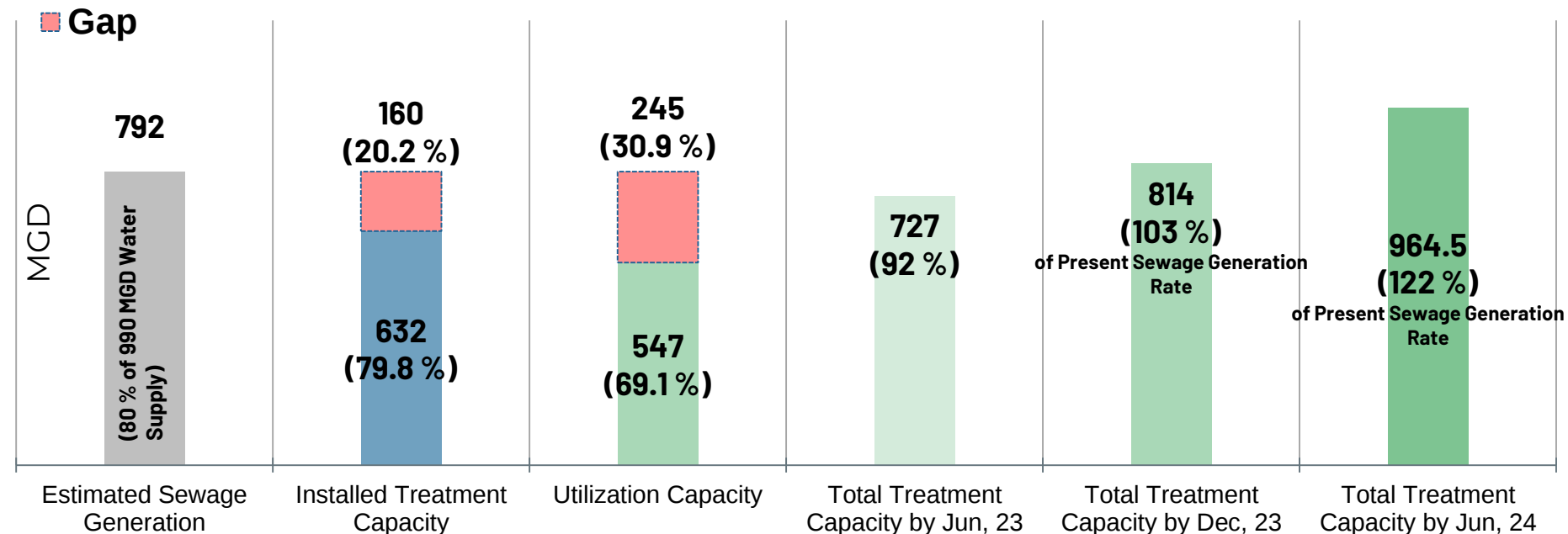


Year: 2022

Year: 2023

1. 100 Percent Treatment of Sewage

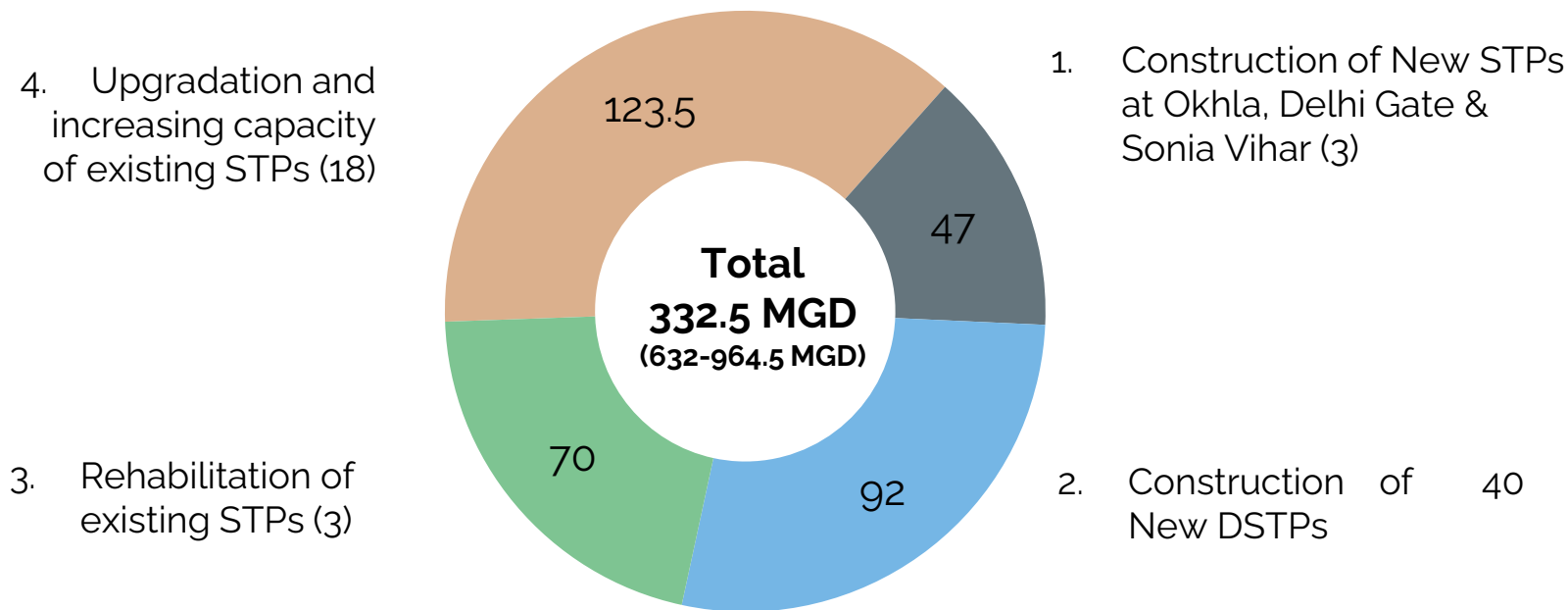
Generation, Treatment and Gap in Sewage Treatment



1. 100 Percent Treatment of Sewage

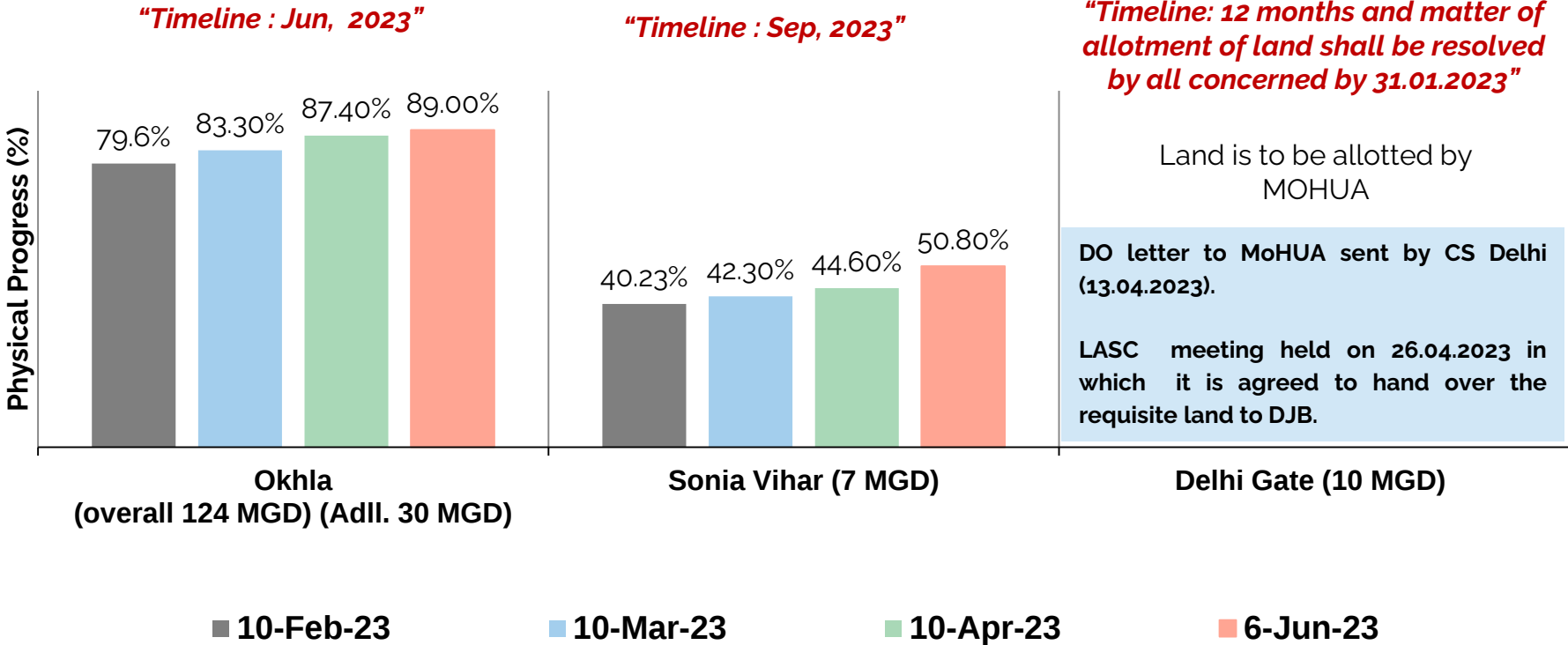
Focus Areas for Enhancing Sewage Treatment Capacity

Timeline : Mar, 24



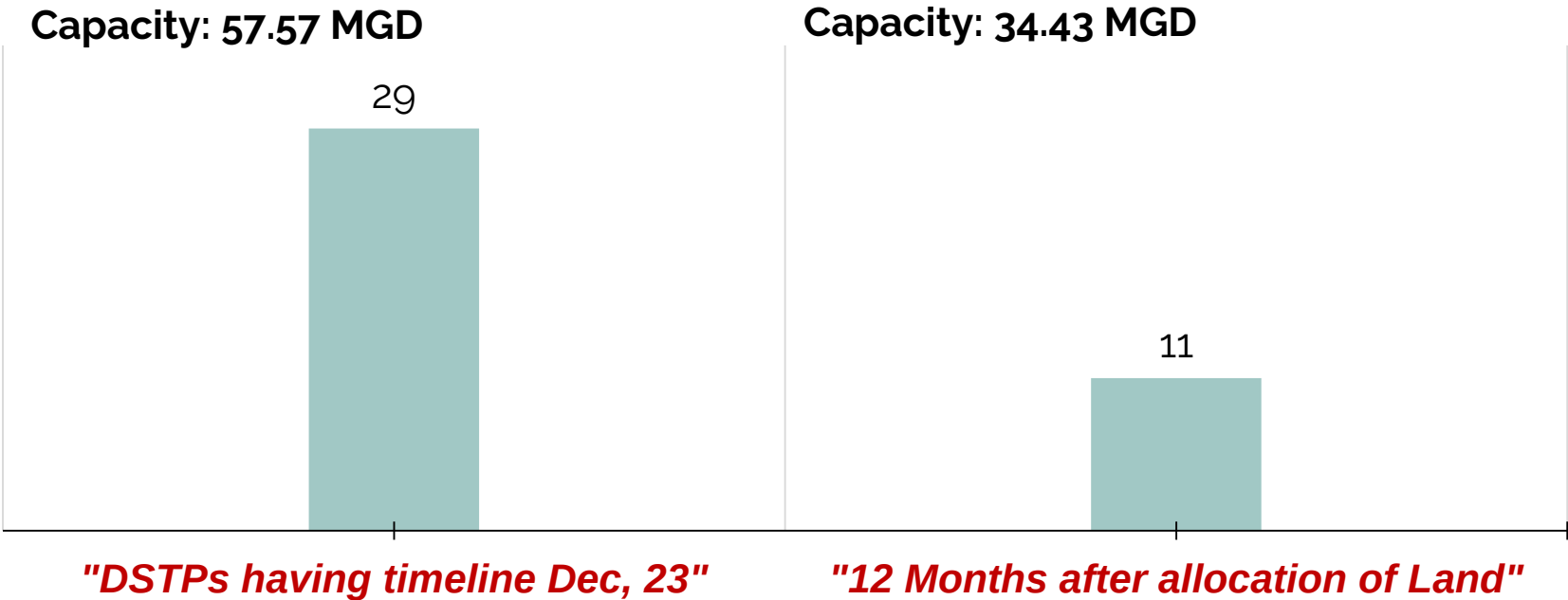
1.1. Progress in Construction of 3 new STPs

Capacity Addition: 47 MGD



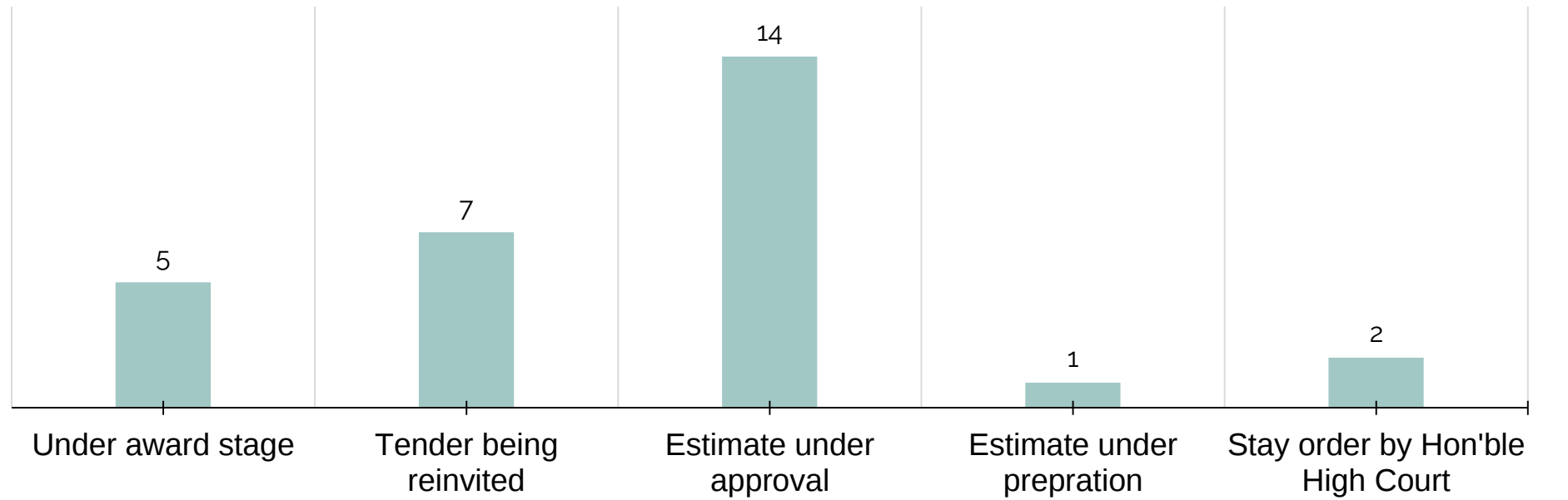
1.2. Construction of 40 New DSTPs

Capacity Addition: 92 MGD



1.2. Construction of 40 New DSTPs

29 DSTPs: Capacity Addition: 57.57 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	Current Status as on 07.06.2023
1	New Delhi	Rangpuri (DSTP)	TSS done. DDA has assured allotment this month.	Consent for land shown to DJB given, reply from DDA awaited.
2	South west	Chattarpur Extension (DSTP)	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.
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.

1.2. Land Issues (DDA)

04 DSTP and 04 SPS

S. No.	District	Location	Status as on 21.04.23	Current Status as on 07.06.2023
5	New Delhi	Shahbad Mohammadpur (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.
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.
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.

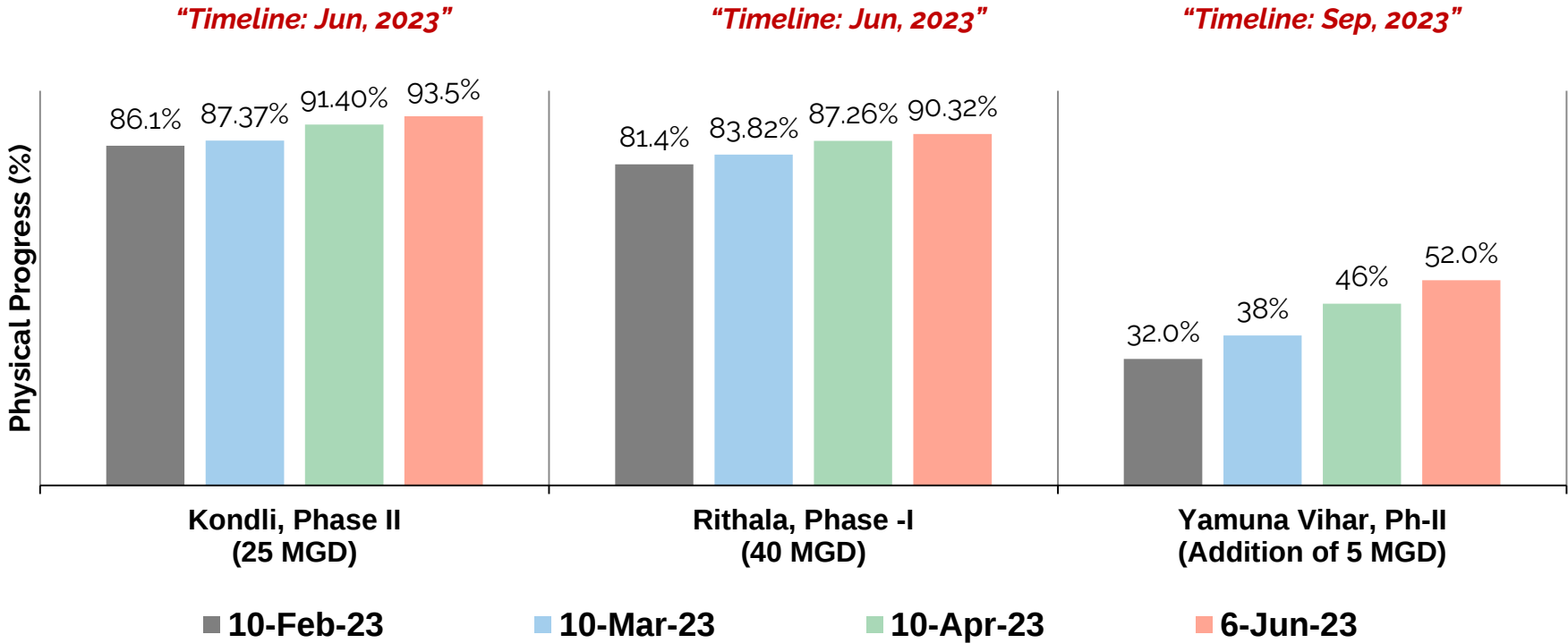
1.2. Land Issues (Revenue)

03 DSTP and 01 SPS

S. No.	District	Location	Status as on 21.04.23	Current Status as on 07.06.2023
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
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.	Matter to be taken by Hon'ble Delhi HC on 14.07.2023.
11	West	Tikri Kalan (DSTP)	Next date of hearing is 25,26 Apr, 2023	
12	North East	Milan Garden Lift station (SPS)	Land is yet to be acquired.	Land is yet to be acquired.

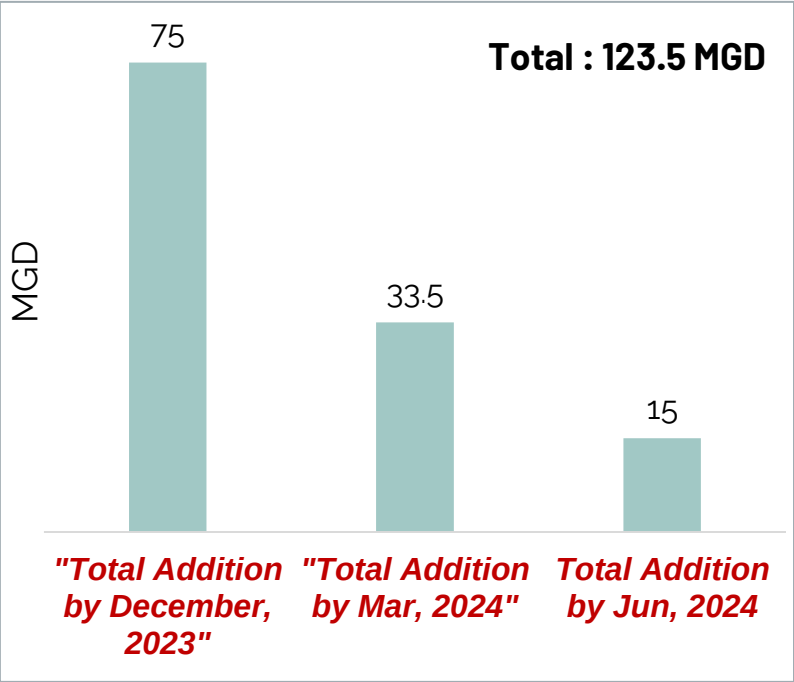
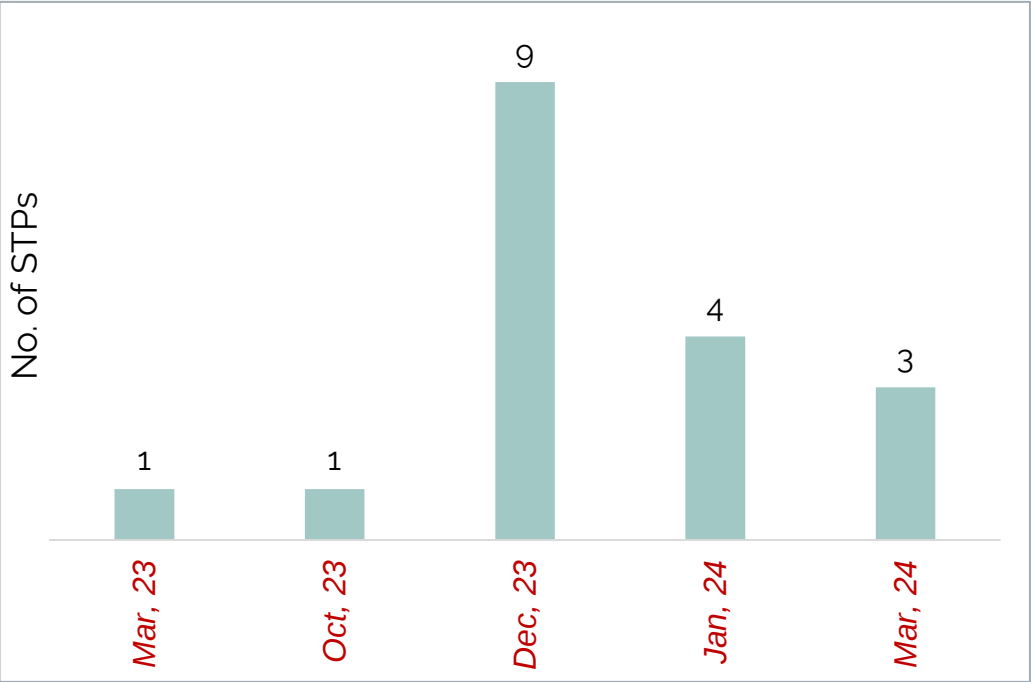
1.3. Progress in Rehabilitation of existing 3 STPs

Capacity Addition: 70 MGD



1.4. Upgradation of Existing 18 Sewage Treatment Plants

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



1.4. Upgradation of Existing 18 Sewage Treatment Plants

Sr. No.	Name of STP	Existing Capacity	Enhanced Capacity (In MGD)	Status as on 10 Apr, 23	Status as on 6 Jun, 23	<i>Timelines</i>
1.	Rithala Phase -II	40	40	80 %	85% (Complete plant is commissioned and BOD/TSS- 12/20)	<i>"Mar, 2023"</i>
2.	Kondli Phase-IV	45	45	38 %	46.46%	<i>"Oct, 2023"</i>

1.4. Upgradation of Existing 18 Sewage Treatment Plants

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

1.4. Upgradation of Existing 18 Sewage Treatment Plants

Sr. No.	Name of STP	Existing Capacity	Enhanced Capacity (In MGD)	Status as on 10 Apr, 23	Status as on 6 Jun, 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.	Jan, 2024
13	Mehrauli	5	7.5			
14	Ghitorni	5	7.5			
15	Vasant Kunj	5	7.5			

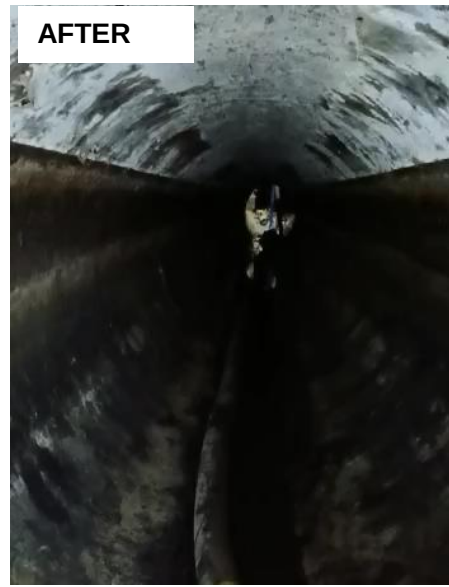
1.4. Upgradation of Existing 18 Sewage Treatment Plants

Sr. No.	Name of STP	Existing Capacity	Enhanced Capacity (In MGD)	Status as on 10 Apr, 23	Status as on 6 Jun, 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.	<i>Mar, 2024</i>
17.	Keshopur 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.	<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.	<i>June, 2024</i>

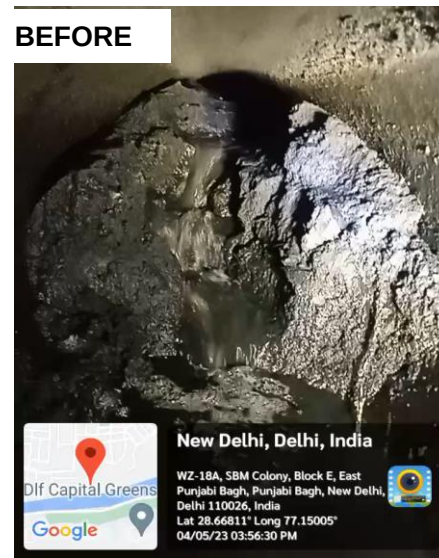
1.5. Desilting (Trunk/peripheral Sewer : Approx 200 Km)

S.No.	Particulars	Total length (Km)	Cumulative Length Desilted as on 10.04.23 (Km)	Cumulative Length Desilted as on 06.06.23 (Km)	Timelines
1.	<i>Desilting of 90.34 Km</i>				<i>"June, 23"</i>
a	Yamuna Vihar STP	7.65	4.3	4.40	
b	Rithala-Rohini STP	19.21	11.2	13.3	
c	Narela STP & Coronation Pillar STP	8.05	7.92	8.026	
d	Keshopur STP	2.84	0.7	1.1	
e	Nilothi STP	4.61	0.94	1.1	
f	Kondli STP in east zone	8.76	Manhole tracing/sonar survey is in progress	1.195	
g	Dwarka STP	27.10	3.31	5.22	
h	Okhla STP	11.51	2	4.4	
i	Desilting of gravity duct no. 1	5.20	2.3	4.55	
	Total	94.93	32.67	43.29 (45.6 %)	
2.	<i>Desilting of remaining 110 Km</i>	110	<i>Initially 45 Km of sewer line shall be desilted for which estimates are being checked</i>	<i>Estimates are under approval.</i>	<i>"Mar, 24"</i>

Desilting Before After Images



Dwarka Desilting



Punjabi Bagh Trunk

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)	Timelines
3.	Desilting of Sewerlines (below 1000 mm Dia)	442.63	26.08	Dec, 23

1.6. Sewerage system and Storm water drainage faulty interconnection

New Action Point

Objectives:

1. To prevent faulty interconnections between Sewerage system and Storm water drainage
 2. Full capacity utilization of Storm water drainage
- Total number of Natural storm water drains: 210
 - **IFCD to submit agency wise list of storm water drains (cross section wise)**
 - DJB has prepared list of 539 points of faulty interconnection from storm water drains. [1st phase]
 - Out of 539 storm water drain 309 are still connected to DJBs sewerage system.
 - **MCD: 286**
 - **PWD: 19**
 - **DSIIDC: 03**
 - **NA: 01**
 - DoAs to submit timelines for disconnection.

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
			Yes/No		Intact/ Broken		
1	Wazirabad Barrage Road Bridge	0.50	Yes	NA	Partially Damaged	30- June-2023	PWD
2	ISBT Road Bridge (Near Kashmeri Gate)	0.57	Yes	NA	Partially Damaged	30- June-2023	PWD
3	Old Iron Railway Bridge	0.93	Yes	NA	Intact	NA	Northern Railway Bridge Dept.
4	Geeta Colony Road Bridge	0.55	Yes	NA	12 Sqm. Missing/ Theft	1 Month	PWD
5	Signature Road Bridge					Data awaited	DTTDC

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
			Yes/No		Intact/ Broken		
6	ITO Road Bridge	0.6	Yes	NA	50 Sqm. Missing/ Theft	1 Month	PWD
7	Railway Bridge Downstream of ITO	0.55	NO	Mar-24	Not Provided	NA	Northern Railway
8	Nizammudin Road Bridge					Data awaited	NHAI
9	DND Flyway Road Bridge					Data awaited	NHAI
10	Okhla Barrage Road Bridge					Data awaited	UP-Irr. & Water Resource Dept.

Trapping of partially trapped Delhi Gate Drain

“DJB shall construct 10 MGD STP to trap the remaining flow in the Delhi Gate Drain within 12 months and matter of allotment of land shall be resolved by all concerned by 31.01.2023.”

Direction	Timelines	Status
Matter of allotment of land shall be resolved by all concerned	31 Jan, 23	MoHUA has inspected land on 25.03.2023, Agenda of allotment to be placed before Land Allocation Screening Committee, MoHUA. DO letter to MoHUA sent by CS Delhi (13.04.2023). LASC meeting held on 26.04.2023 in which it is agreed to hand over the requisite land to DJB.

Trapping of partially trapped Sen Nursing Home Drain

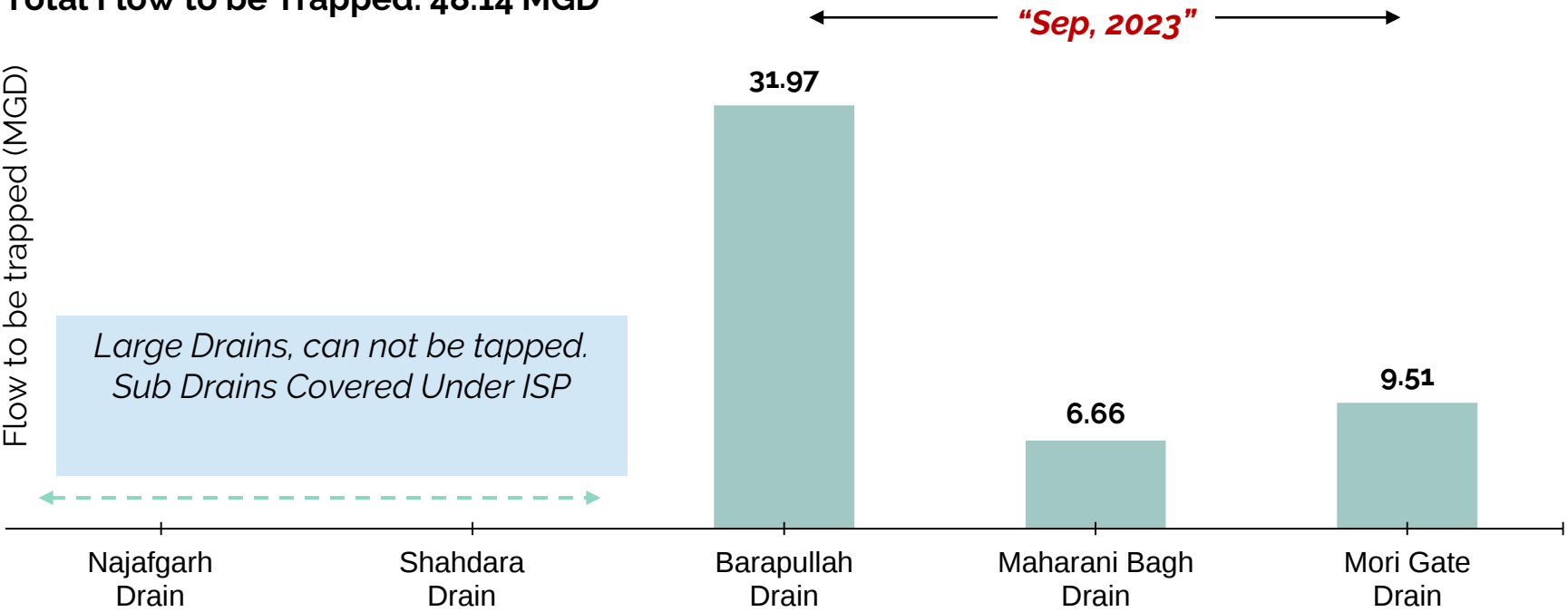
- *Sen Nursing Home Drain has been trapped into Sen Nursing Home STP as well as into the Ring Road trunk sewer.*
- *However, some marginal flow/ overflow still passes during peak hours.*

Direction	Timelines	Status
Trapping of Marginal/ overflow of Sen Nursing Home Drain	Action Plan: Mar, 23 (Now: May, 23)	Due to ongoing construction activity by CPWD around the WHO complex, subsoil water is also being pumped into the drain after the trapping. Complete trapping of the drain is only possible after stopping discharge from the construction activity of CPWD.

2. Trapping of all Drains

Trapping of Drains (Remaining 3 untapped major drains)

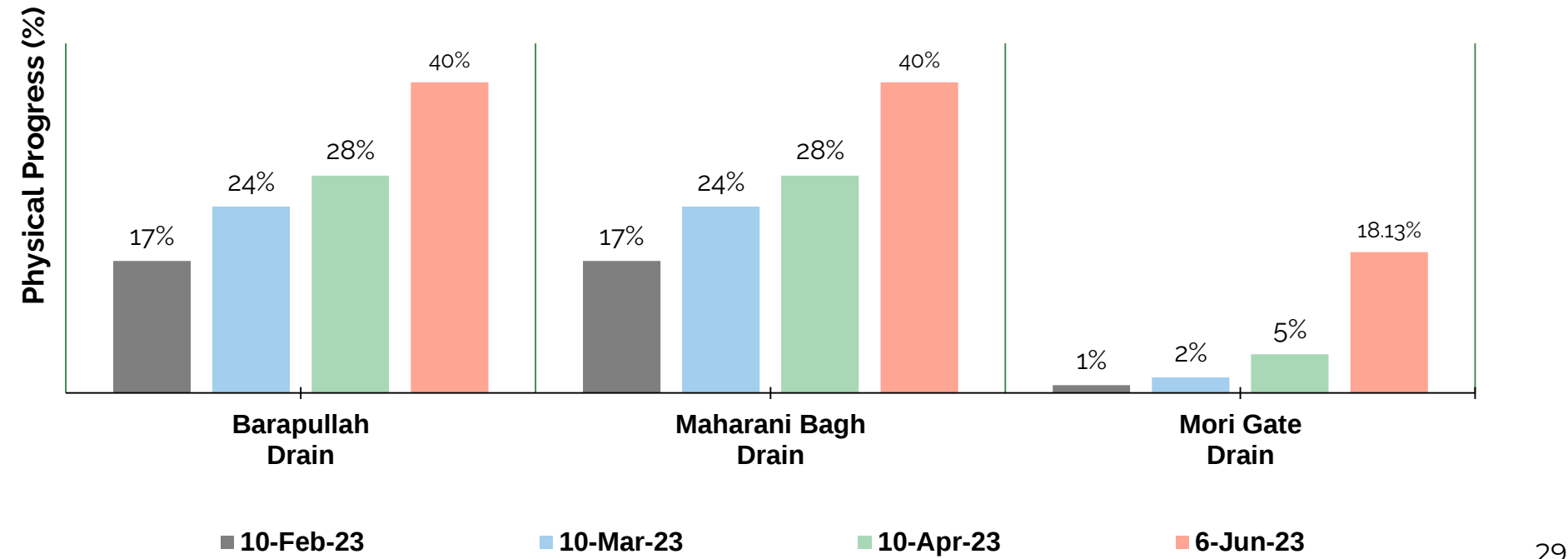
Total Flow to be Trapped: 48.14 MGD



2. Trapping of all Drains

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

"Timeline: Sep, 2023"



2. Trapping of all Drains

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		
1.	Najafgarh Drain	44	18	May, 23	Trapped		
			04	Jun, 23	2- Drains – 98.5 %	87 %	1-Action to be taken by DDA
			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	18	Apr, 23	Trapped		
			1	May, 23	92% (Major discharge trapped, the balance shall be trapped by Jun, 23)		
			10	Jun, 23	3-Drain 8- 50%	6-Drains 51 - 75 %	1-DSTP
			01	Sep, 23	33 %		

Trapping photographs of sub drains

Before /After progress
visuals

Shakti Nagar
Nagar Drain-3
Right Bank
51975m



Roop Nagar
Drain Right Bank
52838m



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

Direction	Timeline	Status
DJB to undertake Performance Audit of completely trapped 11 major drains and all sub-drains through an independent agency	Feb, 2023	Work order has been issued to M/s WAPCOS on 16.5.2023

Decision Taken in 3rd Meeting

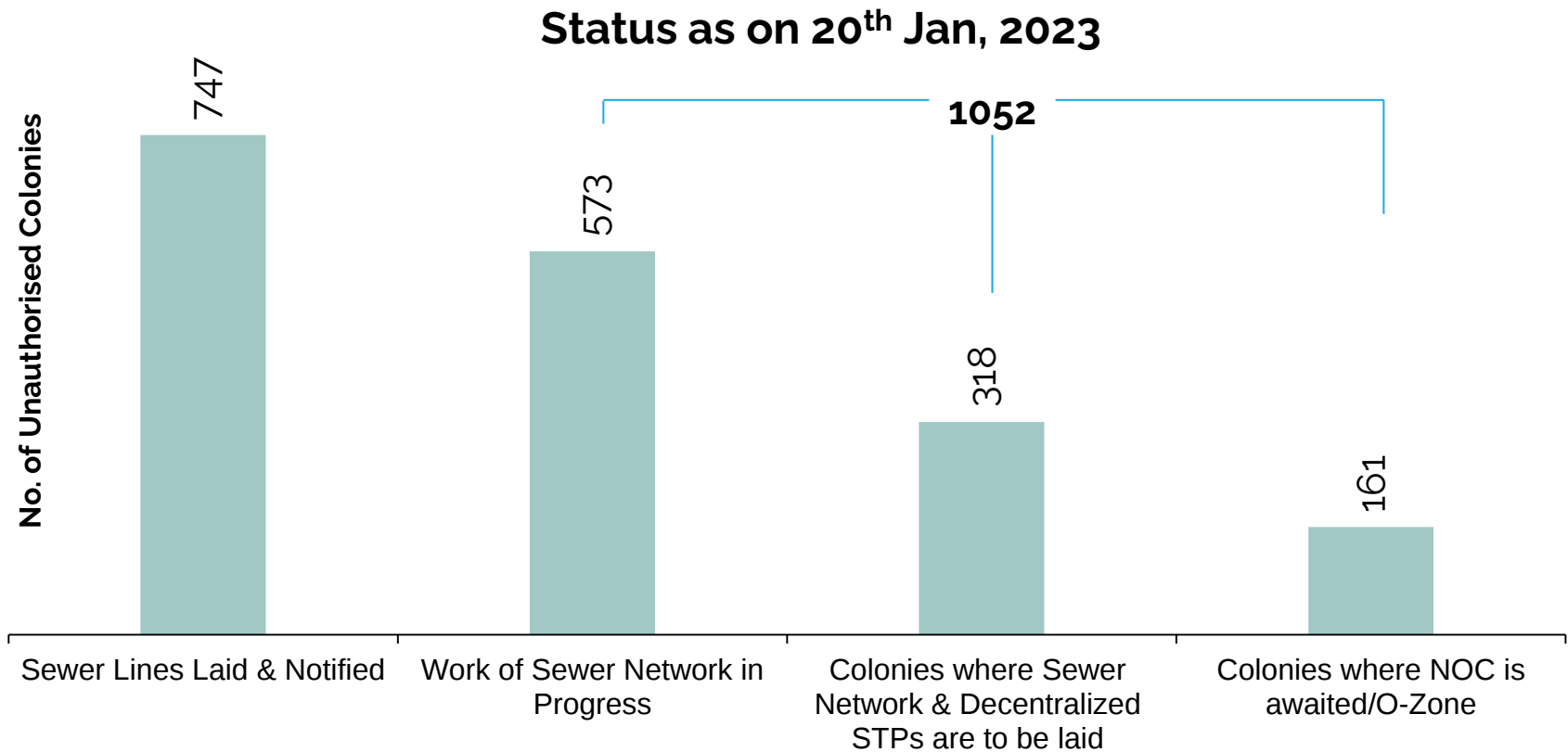
Trapping status of 13 drains

DG, NMCG informed that team of NMCG has also visited drains out-falling into river Yamuna on 13-14 Feb, 2023 and it has been found that there was flow in 13 drains.

Hon'ble Lt. Governor directed DJB to check the trapping status of 13 drains as mentioned by NMCG immediately and furnish a report.

- Joint inspection by DJB and NMCG completed on 24th April, 2023 for 15 Drains
- 11- Trapped
- 01- Partially Trapped (Delhi Gate Drain)
- 03- Un Trapped
 - New Drain near Kalindi Barrage (Jaitpur Kalindi Kunj road)- This is Abul Fazl drain and sewage will be trapped after completion of Batla House Sewerage scheme by Dec-23
 - New Drain 01 (Khadar Kalindi Kunj road)- This drain brings discharge from Madanpur Khadar area and shall be trapped after completion of Madan pur Khadar GOC shceme vy March-24 (Land for SPS has been recently allotted by DDA)
 - New Drain 02 – Trapping is not required as it doesn't outfalls in river Yamuna.

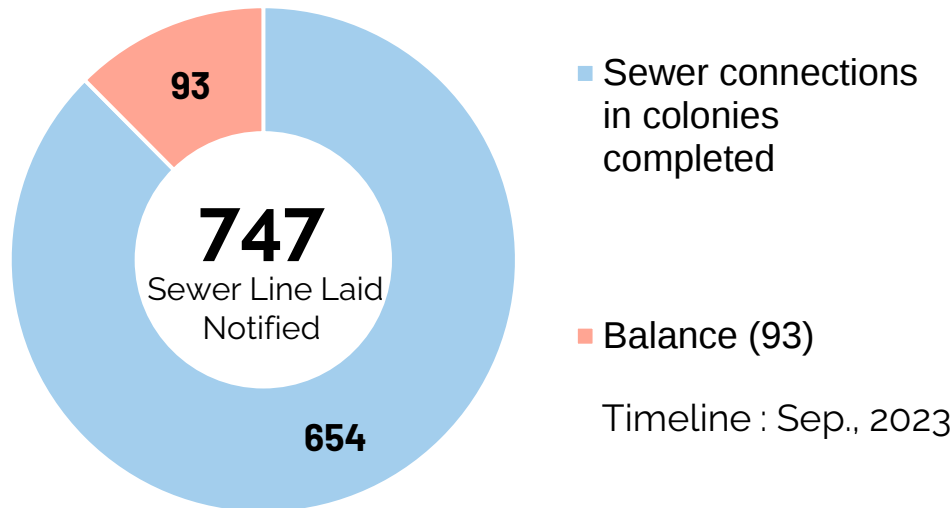
3. Sewerage Network in unauthorised colonies (1799)



Decision Taken in 3rd Meeting

Connection to all households

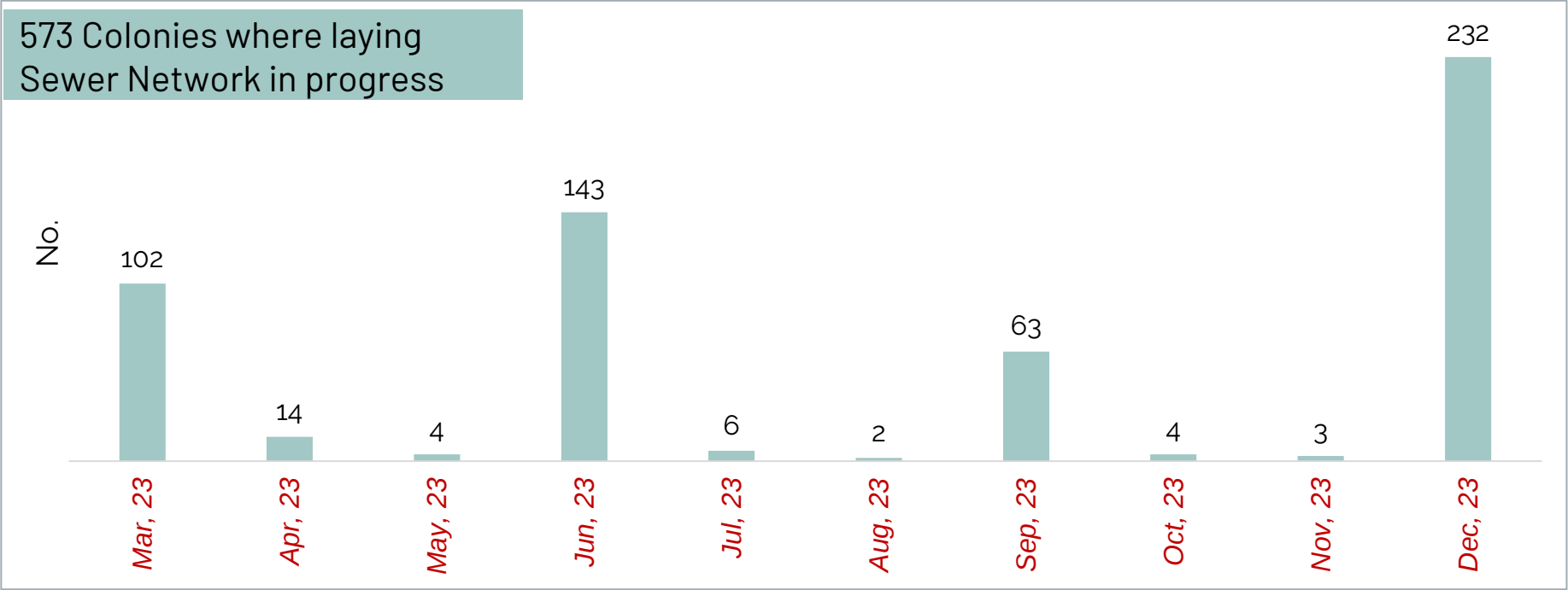
Hon'ble Lt. Governor directed DJB to complete the survey and submit timeline by which DJB will provide connection to all the households in the unauthorized colonies where sewer network has been laid.



Further, in 573 U/a colonies where work of sewer network is in progress, the house sewer connections is being taken up simultaneously alongwith network and will be completed by December, 2023..

3.1. Status of Sewerage Networks in Progress

573 Colonies where laying Sewer Network in progress

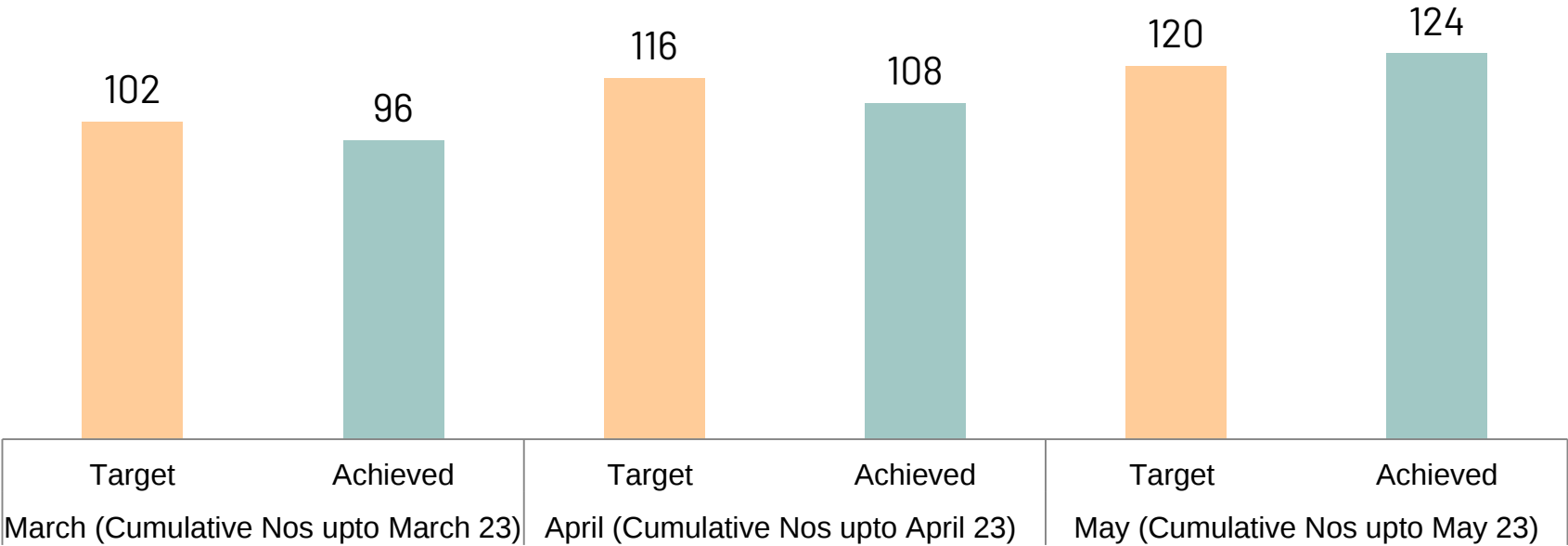


3.1.1. Status of Sewerage Networks in Progress

573 Colonies where laying Sewer Network in progress

Cumulative Physical Progress of 120 Colonies

“Timeline: Upto May, 23”

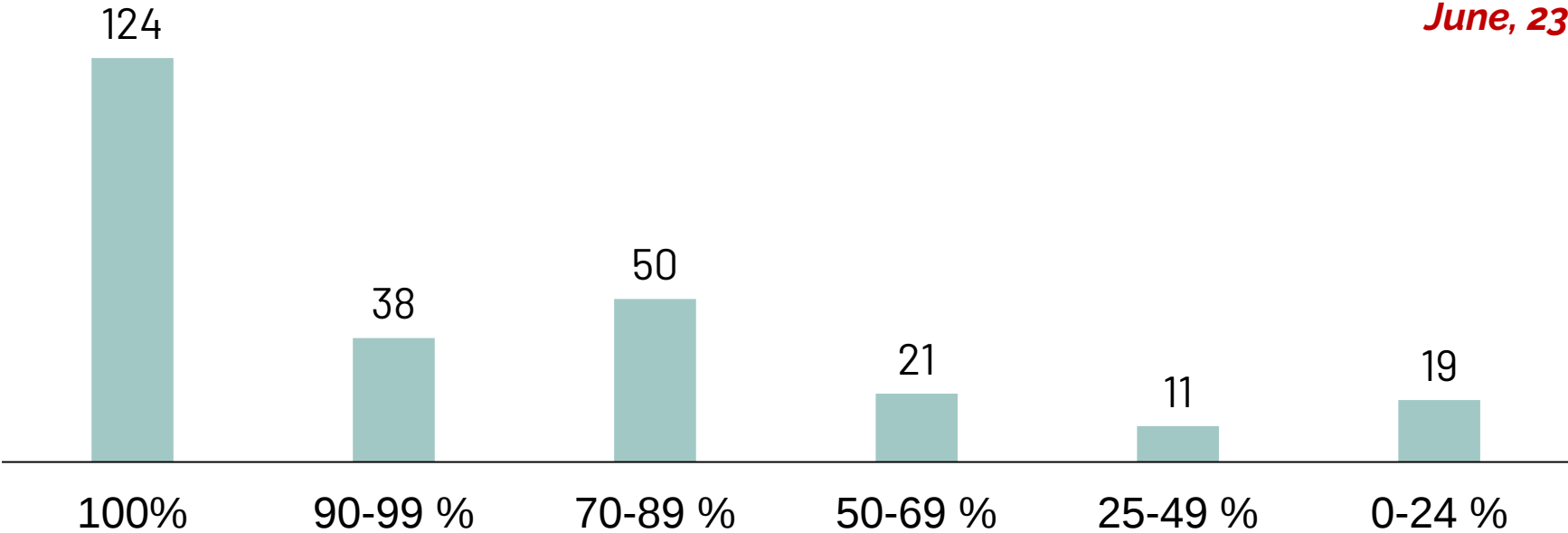


3.1.1. Status of Sewerage Networks in Progress

573 Colonies where laying Sewer Network in progress

Physical Progress of 263 Colonies

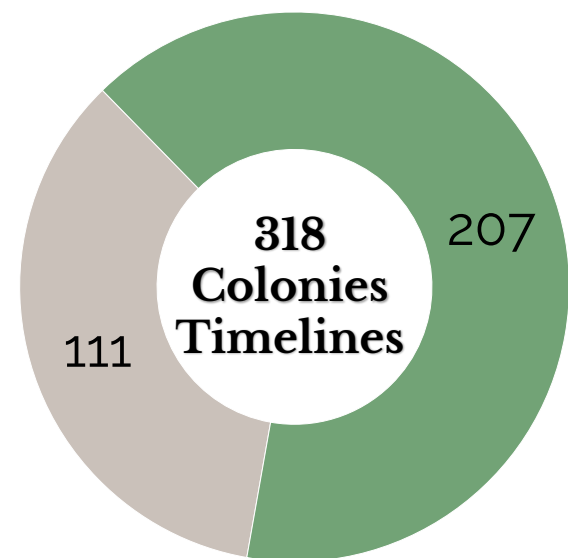
***"Timeline: Upto
June, 23"***



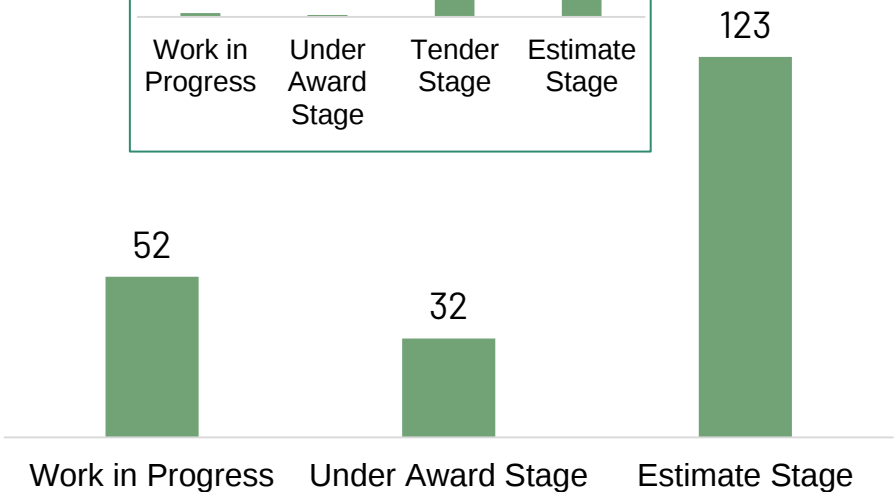
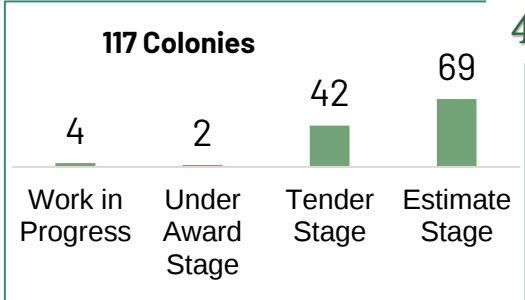
3.2. Status of Sewerage Networks sewerage network is to be laid along with Decentralized STPs

Order
Para No.
3.3.1

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



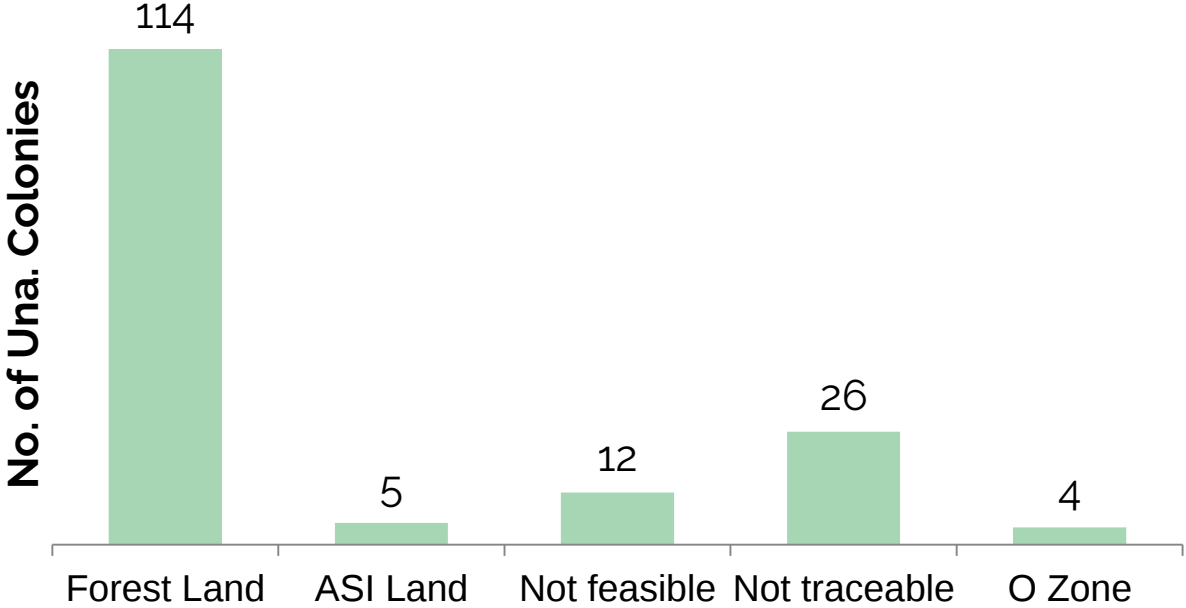
■ 08 months after allotment of land/ receipt of NOC.
■ Dec, 2023



Status of 207 Colonies

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

161 colonies where NOC is awaited/O-Zone

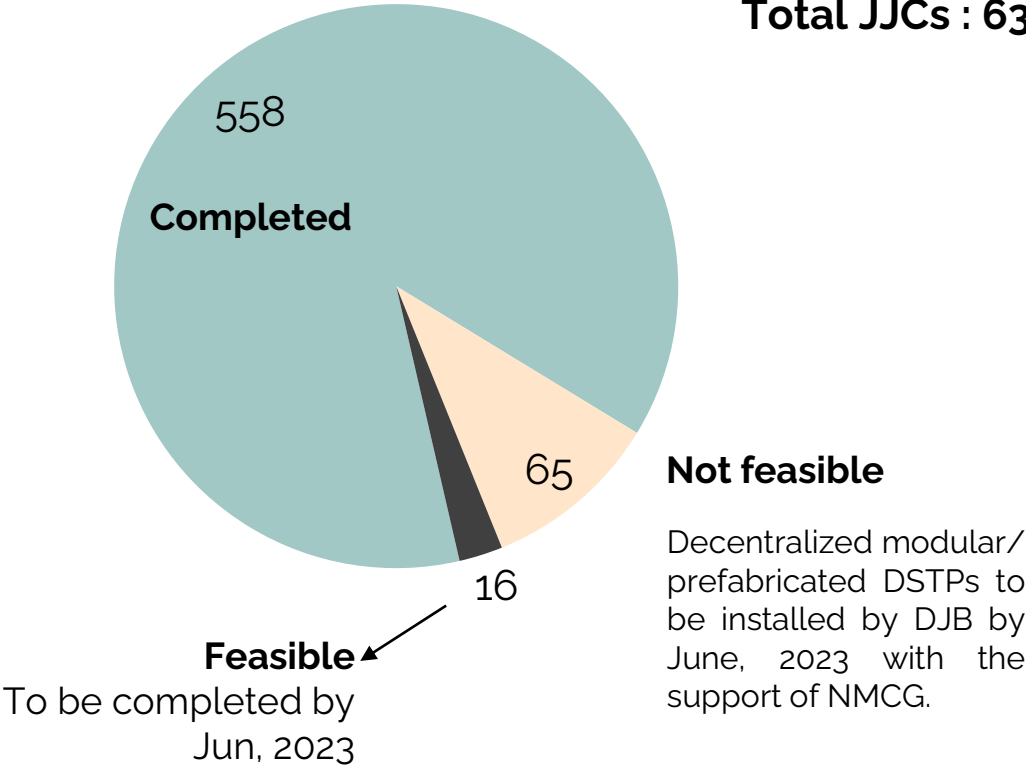


“Timeline for 161 Colonies where NOC is awaited / O Zone : 12 months after receipt of NOC but not later than June, 2024”

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

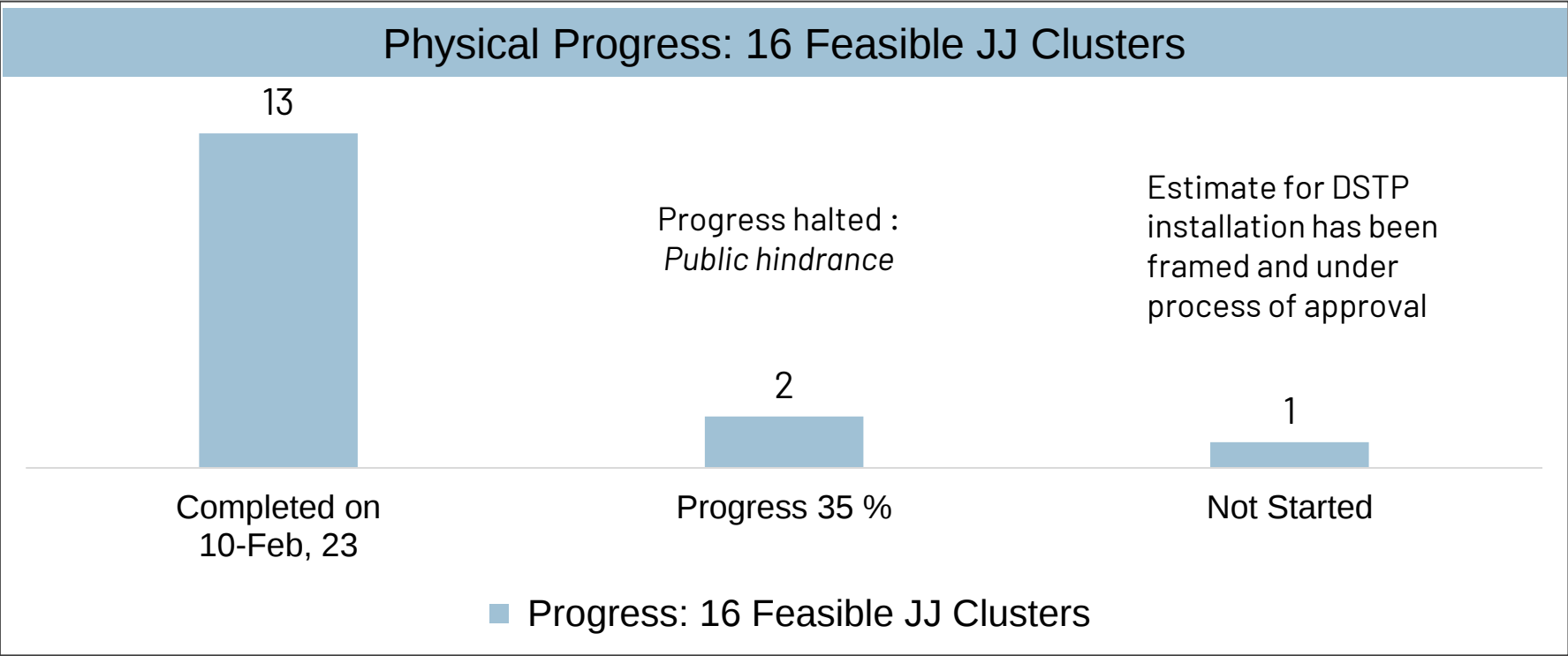
Total JJC's : 639

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



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

Progress in 16 JJ Clusters



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

Progress in 65 JJ Clusters

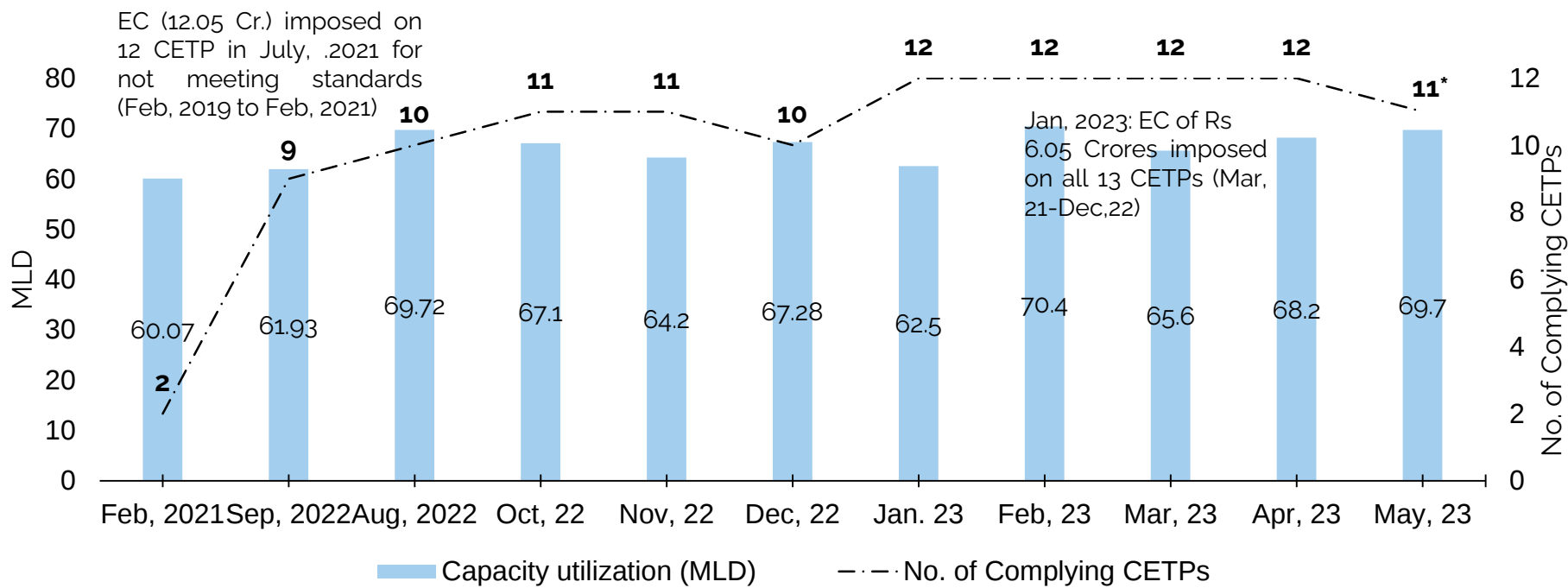
S.No	Status	No. of JJ Clusters
1	Connected/Trapped in DJB network	5
2	DPR prepared and sent to NMCG for installation of DSTP. Joint inspection conducted with NMCG. Report awaited	21
3	Sewer line work is in progress in the vicinity. Thereafter drain will be trapped in DJB sewerage network by maintenance wing.	8
4	Not feasible due to space constraints and multiple outfalls etc.	21
5	Trapped in STP through major storm water drain / trapping works are in progress	9
6	Site does not exist	1
		65

4th HLC: Hon'ble Lt. Governor directed DJB to find out solution for the JJ clusters with the sewer network which are not feasible due to space constraints and multiple outfalls etc.

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



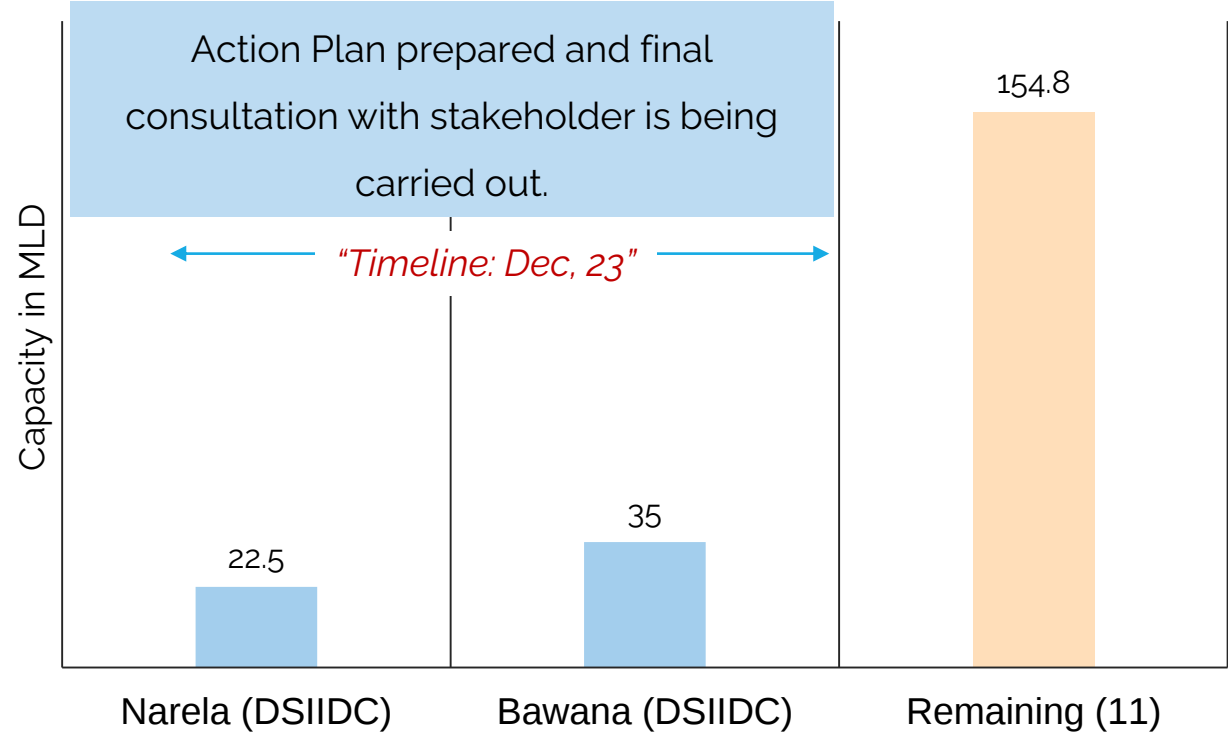
* Sample could not be taken in Badli CETP during visit on 9.05.2023 since CETP was not operational

4.1. Inspection of WPIs and take strict actions against violating 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 04.06.2023)

- Total No. Dyeing industries found during inspection: **95**.
- Notice Issued: **27**
- Close down/Sealed/ Disconnection of electricity: **68**

4.2. Upgradation of CETPs with Timelines



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.

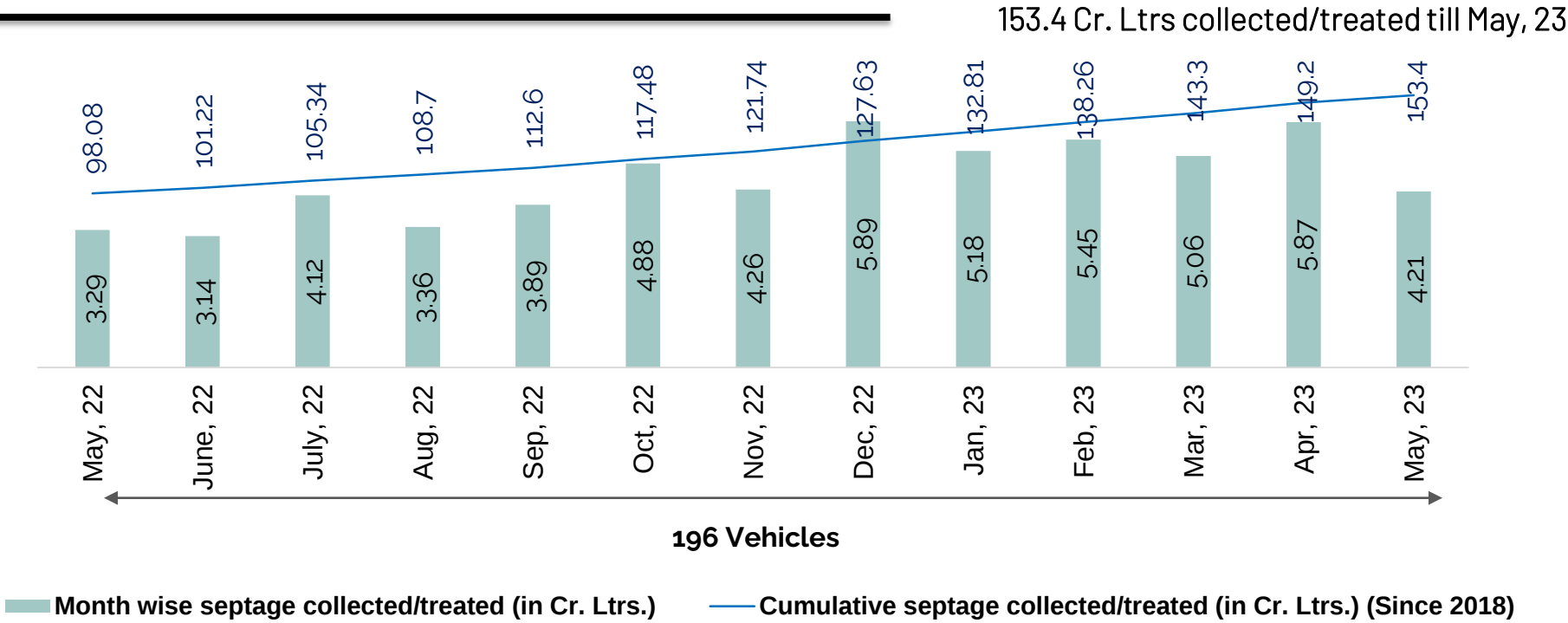
Formal approval to handover the CETPs to DSIIDC is awaited

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	06.04.2023-05.06.2023	Cumulative
Total No. of Meetings of Septage Management Committees held	17 (6-South, 5-North, 6 South East)	107
No. of Vehicles/ Tankers found unauthorizedly discharging septage into Drains etc.	11 (1-North, 3-East, 2-North East, 5-South East)	68
No. of Vehicles/ Tankers impounded	11 (Same as above)	64
No. of Challans/notices issued	0	22
Total Amount of Environmental Compensation Imposed (in Lakhs)	2.67 (North, East, North East, South East)	16.14Lakhs
Total Amount of Environmental Compensation received (in Lakhs)	2.27 (North, East, North East, South East)	15.34Lakhs

5.1. Faecal Sludge (Septage) Collection & Treatment



“196 Vehicles to be reduced to 150 by June, 2023”

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 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	DJB vide letter dated 13.04.2023 has provided copy of report of the committee of the meeting held on 28.0.2.2023 along with proposed amendments in the existing "Delhi Water Board Septage Management Regulation 2018". Recommendation of the Committee placed before Board meeting of DJB on 04.05.2023 and was approved.

Decision Taken in 4th Meeting

4th MoM

Hon'ble Lt. Governor observed that despite above decision taken in previous meeting of HLC, incentives to the 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.

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

S.No	Name of Project	Area (Ha)	Timeline	Status
1	Kalindi Aviral	163	Feb, 23	- Civil & Horticulture - 99 % completed 17 Ha under litigation
2	Asita East	107	Mar, 23	- Civil-73, Horticulture- 55% Completed 04 Ha encroachment - NDoH: 03.07.23
3	Amrut Bio Diversity	116.5		
	Part A	90	Mar, 23	Civil-76, Horticulture- 16% Completed
	Part B	18	May, 23	1 Ha Under litigation, NDoH: 12.09.2023
	Part C	8.25	Dec, 23	Handed over to CPWD
4	Asita West	107	June, 23	- Civil-82, Horticulture- 28% work completed - Encroachment Free
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

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

S.No	Name of Project	Area (Ha)	Timeline	Status
6	Ghat Area	66		
	Part A: (Qudsia Ghat)	16	Apr, 23	Civil-67, Horticulture- 25% Completed
	Part B: (Surghat)	13.6	July, 23	- Tender for remaining 50 Ha awarded and parking work taken up. 4.90 Ha Encroached - NDoH: 03.07.2023, 07.07.2023, 07.08.2023 & 10.08.2023
	Part C: Eco Trail Yamuna Bazar	33 3.4	Dec, 23	
7	Yamuna Vanasthali:	236.5	May, 23	- Civil: 87, Horticulture 47% completed 15.7 Ha encroached - Demolition fixed on : 14th & 15th June, 23 13 Ha. under litigation. - NDoH: 04.07.2023, 10.08.2023

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

S.No	Name of Project	Area	Timeline	Status
8	Mayur Nature Park	397.75	-	- Landscape Proposal is ready. - LM Department informed that 100 Ha Land de-notified - Exact area under litigation to be ascertained. - Demolition to be done on 30th June 2023 - NDoH: 19.07.2023 & 08.09.2023
	Part A	235		
	Part B	162.75		
9	Hindan Sarovar:	45	Dec, 23	- Detailed Survey and proposal shall be undertaken once the land is handed over to DDA by Forest Department - Encroachment Free
	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

Direction	Timeline	Status
<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	As per an email received, NMCG is requesting an area for developing a Ghat. Joint inspection is to be undertaken. Response awaited from NMCG regarding joint inspection. DDA has proposed ITO Chhat Ghat to NMCG, matter is under progress.

7. Utilization of Treated Wastewater

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"

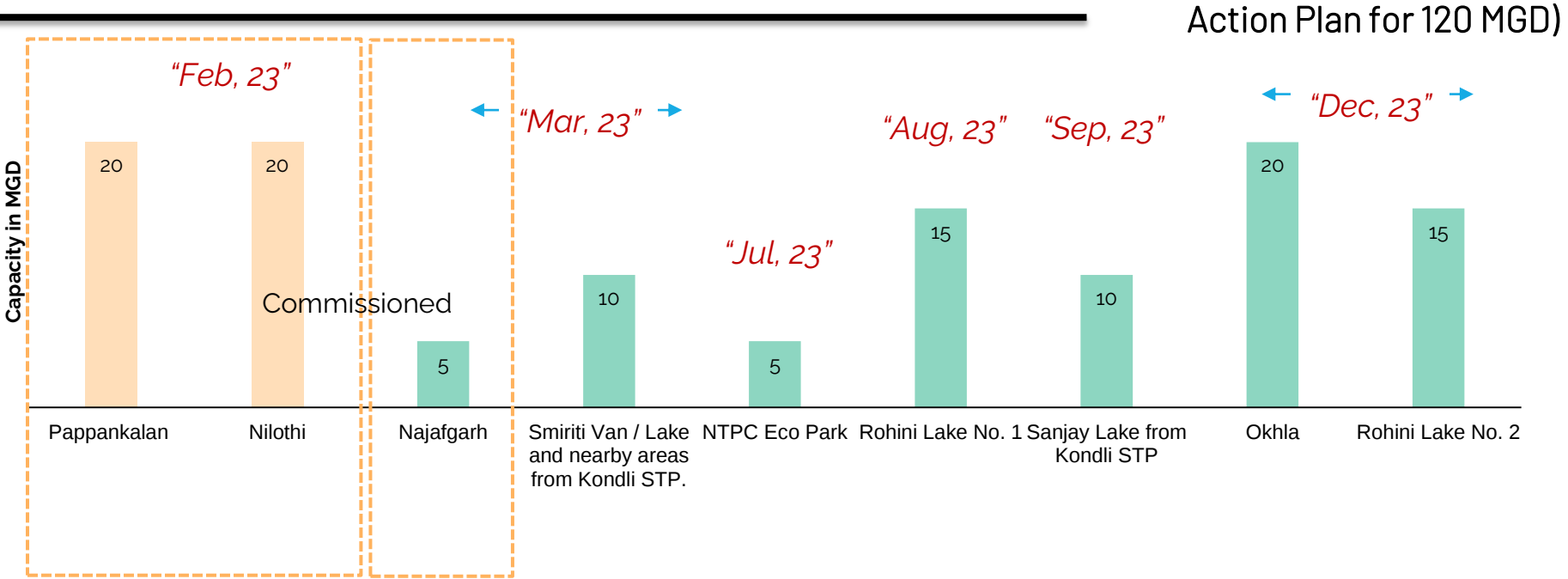


90 MGD

Gap



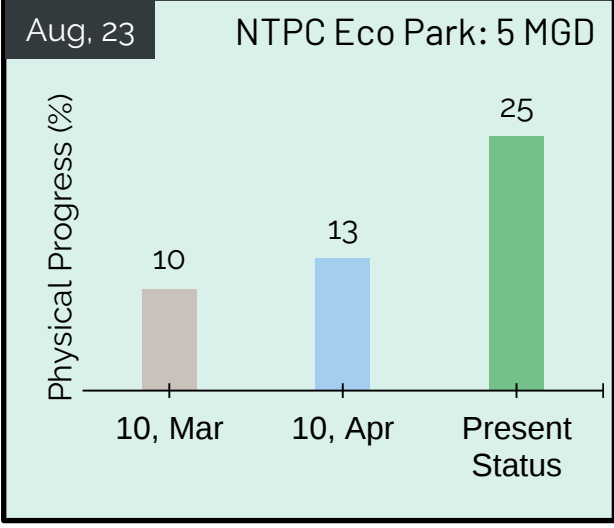
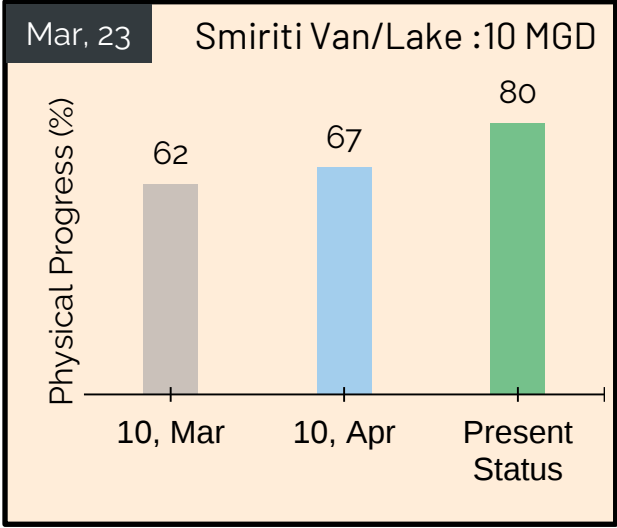
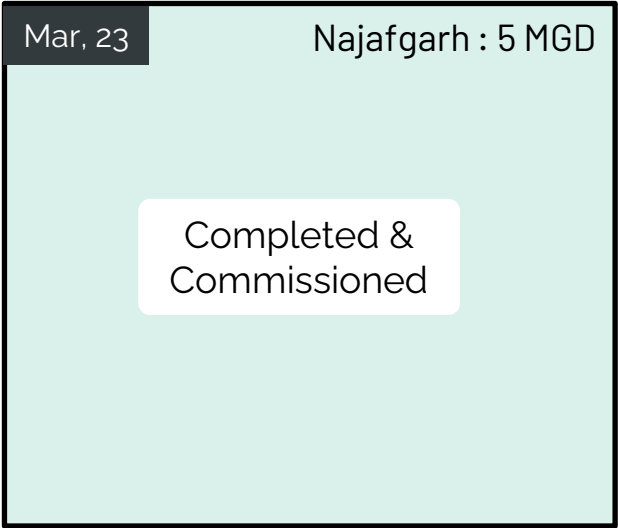
7.1. Action Plan for Utilization 120 MGD Treated Wastewater



DJB is also exploring the possibility of using treated STP Water in other usages like in Farm houses, Golf courses, Construction activities etc. and have already made available treated water at its STPs @ Rs 7/ Kilolitres.

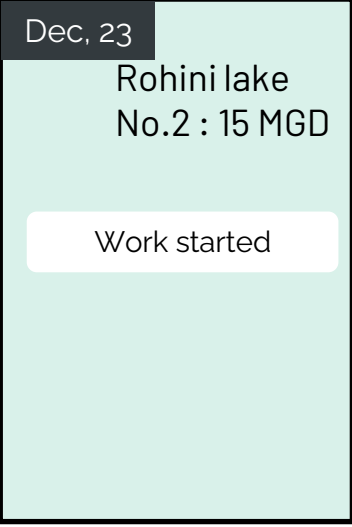
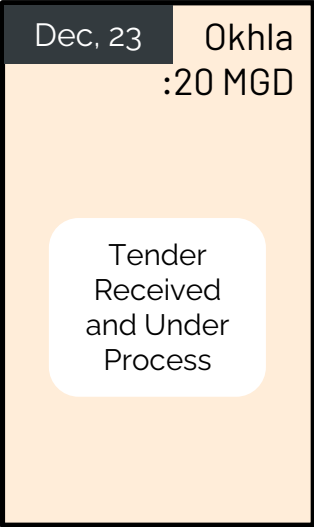
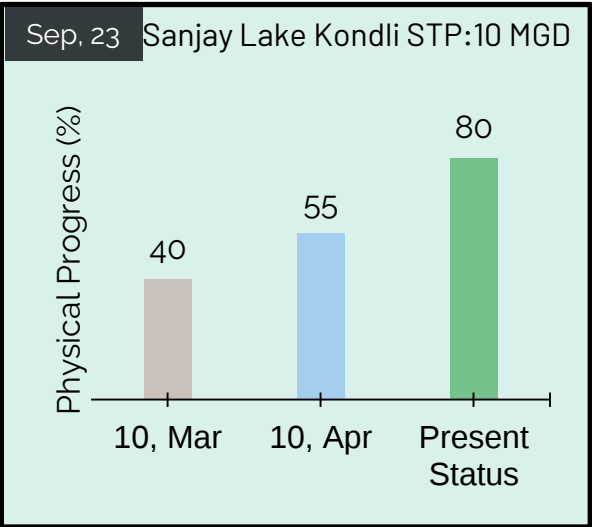
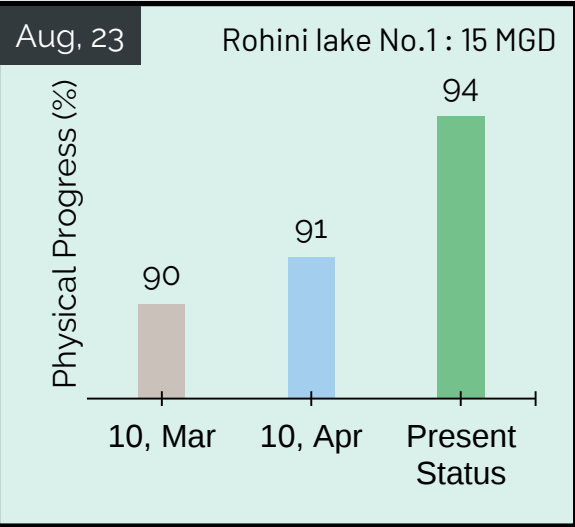
7.1. Action Plan for Utilization 120 MGD Treated Wastewater

Action Plan for 120 MGD)



7.1. Action Plan for Utilization 120 MGD Treated Wastewater

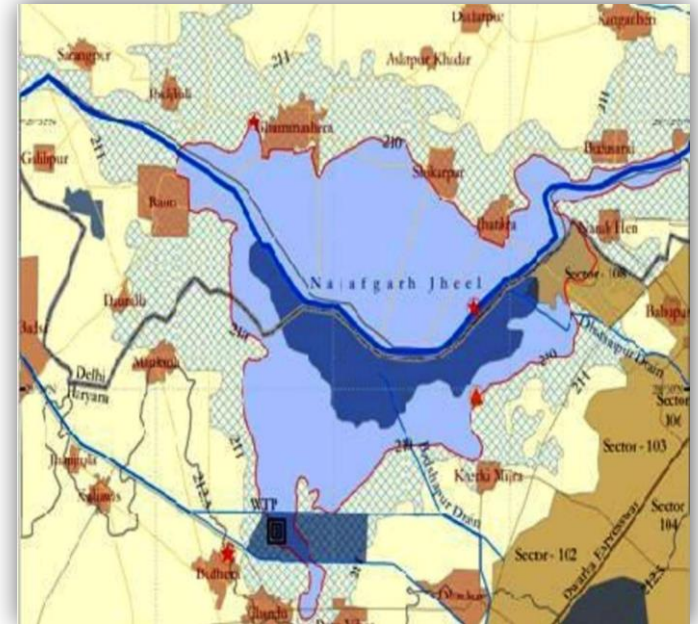
Action Plan for 120 MGD)



8. Najafgarh Jheel (Environmental Management Plan)

- I. Remedial action for rejuvenation of Najafgarh Jheel (Lake) on Delhi-Gurgaon border. The 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 to submit Environment Management Plan (EMP).
- III. Accordingly, Environment Management Plan (EMP) was submitted to CPCB

4th HLC: Matter to be taken up separately for addressing the various issues related to EMP



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.

Matter was pursued with SECI and they advised that first I&FC department identify the power purchase agency to give an assurance in writing that they will purchase the power generated (likely higher generation cost) so that the matter could be proceeded ahead thereafter.

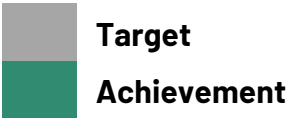
Issue was discussed by Pr. Secretary (I&FC) with Chairman (DTL) and he opined that such PPA (Power Purchase Agreement) is feasible. Accordingly, matter is being pursued with DTL (Power Department) for confirmation, so that same may be forwarded to SECI for further action on the issue.



Summary of progress in projects (May 2023)

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)
110 43.3	24 30	120 124	13 18	35 25	630 83 %	48.35 14.65
					5 Projects (Civil Progress)	4 Projects

Timeline: 31st May, 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	Present rate only 10.8 Km per month To achieve target : 30 Km per month required
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



Way Forward

S.No.	Action Point	Intervention required
5	Lagging Projects requiring immediate attention	1. Upgradation of Rithala Phase -II 2. Restoration Projects ▪ Kalindi Aviral (Part B) ▪ Asita East (Part B) ▪ Amrut Bio Diversity Park (Part A and Part B) ▪ Qudsia Ghat ▪ Yamuna Vanasthali 3. Encroachment Removal ▪ Amrut Bio Diversity Park ▪ Yamuna Vanasthali ▪ Kalindi Aviral

Department of
Environment, GNCTD



Delhi Pollution
Control Committee



Thank you

