

Letter No. SUDA/SBM/NGT-SWM/13/2019/.....61.....

Government of Jharkhand
Urban Development & Housing Department
State Urban Development Agency

From,

Amit Kumar, IAS
Director.

To,

Mr. Yatindra Kumar Das,
Member Secretary,
Jharkhand State Pollution Control Board,
Dhurwa, Ranchi-834004

Ranchi, Date:- 11/01/2023.....

Sub. :- Submission of compliance of Hon'ble NGT order dated 30.11.2021 & 31.05.2022

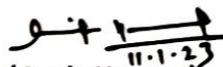
Dear Sir,

With reference to the above mentioned subject and reference compliance report of UDHD for October 2022 to December 2022 against the Hon'ble NGT order in OA No. 606 on dated 30.11.2021 & 31.05.2022 is prepared and enclosed for further action.

Please find the same.

Enclosure: As above

Your Sincerely


(Amit Kumar)

Director.

Compliance report of UDHD against directions given by NGT in OA No 606 for Solid Waste Management Projects & Swage Treatment Status(For Oct – Dec. 2022)

1. Total 49 ULBs are in the Jharkhand with total urban population is 58,29,586 as per 2011 census. One ULB has been denotified.
2. Total urban waste generation 2206 MTPD, presently collected 1883 MTPD and processed 1282 MTPD. There are two Scientific Landfill at Deoghar & Giridih and both are functional.
3. Following steps have been taken to bridge the gap in collection and treatment by the state specifically for collection, transportation, processing and disposal of inert waste in secured landfill:
 - I. Government of Jharkhand have approved 26 SWM projects covering 32 ULBs.
 - II. Government of India has approved 25 projects covering 30 ULBs.
 - III. Sahibganj & Rajmahal being Ganga town solid waste management is very important so GoJ has approved its 100% funding from state budget.
 - IV. Details of Waste generation, collection, treatment and disposal and its gap is attached in the quarterly report in CPCB format. Annexed as **Annexure – I**.
 - V. Details of each SWM projects (processing & scientific landfill facility) along with timeline for its completion is Annexed as **Annexure – II**.
4. For Dumpsite remediation through bio – mining and recovery of recyclable total 22 DPRs prepared.
 - a. 4 projects are along with fresh waste projects and are technically approved.
 - b. 12 projects have been approved by the State Level Technical Committee (SLTC) and sent to the GoI for their approval and release of fund.

Details of the legacy waste remediation is Annexed as **Annexure – III**.
5. State of Jharkhand selected six (6) cities/ towns viz. Bundu, Chakulia, Jamshedpur, Deoghar, Giridih & Godda to develop as Model Cities/ towns for waste management.
 - a. Giridih & Deoghar SWM plant are functional. Both are on Waste to compost technology & Giridih has additional bio-methanation plant for part of fresh waste. Deoghar is already selling compost prepared in its SWM plant.
 - b. Three projects viz. Bundu, Chakulia & Godda are under trail run and wait for Environment Clearance.

Management is along with Jamshedpur city waste management is along with Adityapur cluster this project will be completed by March, 2024.

02/10/23

Nov 06. 2023

1
6/11/23

Details is Annexed as **Annexure – II**.

6. Under SBM -2.0 City Solid Waste Action Plan for 17 ULBs have been approved by State Level Technical Committee (SLTC) and sent to the Gol for their approval and release of fund.

The details of status of these projects is Annexed as **Annexure – II**.

7. Details of SWM Status for Model Cities/ Towns and rest of ULBs with respect to Generation, Collection and Processing is indicated in Bar Chart is Annexed as **Annexure – VI**.

8. Details of Sewage Treatment are Annexed as **Annexure – IV & V**.


06/10/23


Nov 06/01/23


2/11/23

Quarterly Report for Oct - Dec 2022 in OA 606 for SWM

S.N.	Questions	Remarks			
1	Numbers of ULBs	49	One ULB denotified		
2	Over all waste management status in States/Uts				
a	Quantity of Waste Generated	2,206	Details of project status of SWM is annexed as annexure - II		
b	Quantity of MSW collected (TPD)	1,883			
c	Quantity of MSW segregated & transported (TPD)	1,883			
d	Quantity of MSW processed (TPD)	1,282			
e	Quantity of MSW disposed in secured land fill site (MT)	8			
f	Gap in Solid Waste Management UTs (TPD) [1(a)- 1(d)- 1(e)]	916			
g	Solid Waste Management Plan	Jharkhand state urban sanitation policy 2018 and SWM plan approved in DPRs.			
3	Waste Collection	Existing	Target	Gap	Timeframe
a	ULBs in which waste door-to-door collection is implemented (No.)	41	49	8	March, 2024
b	ULBs in which segregation of waste is implemented (No.)	41	49	8	
c	ULBs in which transportation of segregated waste is implemented (No.)	41	49	8	
4	Waste Processing				
	Material Recovery facilities				
a	(i) Total Capacity (TPD)	580	---	---	
	(ii) Number	140	---	---	
	(iii) Number of ULBs covered	33	49	16	Dec,24
	Recycling				
b	(i) Total Capacity (TPD)	502	---	---	
	(ii) Number	---	---	---	
	(iii) Number of ULBs covered	33	49	16	Dec,24
	Composting				
c	(i) Total Capacity (TPD)	746	1169	423	
	(ii) Number	351	---	---	
	(iii) Number of ULBs covered	33	49	16	Dec,24
	Biomethanation				
d	(i) Total Capacity (TPD)	14	337.58	323.58	
	(ii) Number	2	7	5	
	(iii) Number of ULBs covered	2	6	4	Dec,24
	RDF				
e	(i) Total Capacity (TPD)	45	163	118	
	(ii) Number	3	41	38	
	(iii) Number of ULBs covered	3	41	38	
	Waste to Energy Plants				
f	(i) Total Capacity (TPD) - Jamshedpur private agency	0.5	---	---	
	(ii) Number	1	---	---	
	(iii) Number of ULBs covered	1	---	---	
4	Waste Disposal				
	Landfill				
a	(i) Total Capacity (Cum)	40	405	365	
	(ii) Number	2	41	39	
	(iii) Number of ULBs covered	2	41	39	Dec,24
5	Legacy Waste management				
a	Number of dumpsites (No.)	38	Status of Legacy Waste is attached as Annexure - III		
b	Quantity of Waste dumped at dumpsites (Tons)	30,91,097			
c	Number of dumpsites cleared (No.)	3			
d	Number of dumpsites in which biomining has commenced (1			
e	Time frame for clearing all dumpsites				
6	Other Information				
a	Information regarding development of model towns/cities/villages	There are six (6) Model cities/ towns viz. Bundu, Chakulia, Jamshedpur, Deoghar, Giridih & Godda. SWM plants are functional in Deoghar & Giridih. SWM plant in 3 towns viz Bundu, Godda & Chakulia are under trail run.			
b	Creation of Environmental cell	Yes			
c	Standardization of rates for procurement of services/equipment (to do away with the tendering process) required for solid waste management	GeM Portal			

8/01/23

Nandakrishna

2/1/23

Project No.		ULB Name	Timeline / Remarks	Status	Timeline / Remarks
1	1	Deoghar	Completed.		Functional
2	2	Giridih	Completed.		Functional
3	3	Chakuliya	Completed.		CTO Awaited.
4	4	Bundu	Plant completed. SLF : 76% completed		March, 2023
5	5	Godda	Plant completed. SLF : 15% completed		March, 2023
6	6	Jhumritilaiya	Plant completed. SLF : 95% completed		March, 2023
7		Koderma			
8	7	Pakur	Plant construction : 78% completed. SLF : 21% completed		March, 2023
9	8	Khunti	Plant construction : 67% completed & land for SLF is under identification		June, 2023
10	9	Mihijam	Plant construction : 65% completed. SLF : 16% completed		March, 2023
11	10	Sahebganj	Plant construction : 15% completed.		Dec, 2023
12		Rajmahal			
13	11	Chatra	Plant construction has been started		Dec, 2023
14	12	Ranchi	Plant construction has been started		Dec, 2023
15	13	Madhupur	Plant construction : 29% completed.		June, 2023
16	14	Dhanbad	Plant construction has been started		Mar, 2024
17	15	Gharwa	Plant construction stopped due to Environment Clearance.		Mar, 2024
18	16	Latehar	Plant construction stopped due to Environment Clearance.		Mar, 2024
19	17	Chirkunda	Plant construction : 46% completed. New SLF land is under identification		Mar, 2024
20	18	Adityapur	Concessionaire has been selected.		Mar, 2024
21		Jamshedpur			
22		Jugsalai			
23		Kapali			
24		Mango			
25	19	Chaibasha	Work stopped due to land issue. New land under identification.		June, 2024
26	20	Chakardharpur	Work stopped due to land issue. New land under identification.		
27	21	Chas	Work stopped due to land issue. New land under identification.		
28	22	Jamtara	Work stopped due to land issue. New land under identification.		
29	23	Saraikela	Work stopped due to land issue. New land under identification.		
30	24	Simdega	Under Tendering		Dec, 2024
31	25	Lohardagha	Under Tendering		Dec, 2024
32	26	Hazaribagh	Under Tendering		Dec, 2024
33	27	Dumka	City Solid Waste Action Plan Approved by State level technical committee (SLTC) & sent to MOHUA, GoI for approval & sanctioning.		Sanctioning Awaited.
34	28	Gumla	City Solid Waste Action Plan Approved by State level technical committee (SLTC) & sent to MOHUA, GoI for approval & sanctioning.		
35	29	Ramgarh	City Solid Waste Action Plan Approved by State level technical committee (SLTC) & sent to MOHUA, GoI for approval & sanctioning.		
36	30	Phusro	City Solid Waste Action Plan Approved by State level technical committee (SLTC) & sent to MOHUA, GoI for approval & sanctioning.		
37	31	Basukinath	City Solid Waste Action Plan Approved by State level technical committee (SLTC) & sent to MOHUA, GoI for approval & sanctioning.		
38	32	Medininagar	City Solid Waste Action Plan Approved by State level technical committee (SLTC) & sent to MOHUA, GoI for approval & sanctioning.		
39	33	Hussainabad	City Solid Waste Action Plan Approved by State level technical committee (SLTC) & sent to MOHUA, GoI for approval & sanctioning.		
40	34	Chhatarpur	City Solid Waste Action Plan Approved by State level technical committee (SLTC) & sent to MOHUA, GoI for approval & sanctioning.		
41	35	Hariharganj	City Solid Waste Action Plan Approved by State level technical committee (SLTC) & sent to MOHUA, GoI for approval & sanctioning.		
42	36	Bishrampur	City Solid Waste Action Plan Approved by State level technical committee (SLTC) & sent to MOHUA, GoI for approval & sanctioning.		
43	37	Manjhiaon	City Solid Waste Action Plan Approved by State level technical committee (SLTC) & sent to MOHUA, GoI for approval & sanctioning.		

28
24/01/23

29

29

Disposal/Processing of Solid Waste in all 49 ULBs

No.	Project No.	ULB Name	Status	Timeline / Remarks
44	38	Bansidhar Nagar (Nagar Utari)	City Solid Waste Action Plan Approved by State level technical committee (SLTC) & sent to MOHUA, GoI for approval & sanctioning.	Sanctioning Awaited.
45	39	Dhanwar	City Solid Waste Action Plan Approved by State level technical committee (SLTC) & sent to MOHUA, GoI for approval & sanctioning.	
46	40	Barkisaraia	City Solid Waste Action Plan Approved by State level technical committee (SLTC) & sent to MOHUA, GoI for approval & sanctioning.	
47	41	Barharwa	City Solid Waste Action Plan Approved by State level technical committee (SLTC) & sent to MOHUA, GoI for approval & sanctioning.	
48	42	Mahagama	City Solid Waste Action Plan Approved by State level technical committee (SLTC) & sent to MOHUA, GoI for approval & sanctioning.	
49	43	Domchaach	City Solid Waste Action Plan Approved by State level technical committee (SLTC) & sent to MOHUA, GoI for approval & sanctioning.	

8
06/01/23

Not 06.01.23

[Signature]
21/1/23

Status of Legacy Waste Dec. 2022

S.No.	ULB	Status of Legacy Waste	Remarks
1	Ranchi	Action Plan for remediation of legacy waste approved by State level technical committee (SLTC) & sent to MOHUA, Gol for approval & santioning.	Sanctioning Awaited.
2	Hazaribag	Action Plan for remediation of legacy waste approved by State level technical committee (SLTC) & sent to MOHUA, Gol for approval & santioning.	
3	Ramgarh	Action Plan for remediation of legacy waste approved by State level technical committee (SLTC) & sent to MOHUA, Gol for approval & santioning.	
4	JNAC	Action Plan for remediation of legacy waste approved by State level technical committee (SLTC) & sent to MOHUA, Gol for approval & santioning.	
5	Giridih	Action Plan for remediation of legacy waste approved by State level technical committee (SLTC) & sent to MOHUA, Gol for approval & santioning.	
6	Chas	Action Plan for remediation of legacy waste approved by State level technical committee (SLTC) & sent to MOHUA, Gol for approval & santioning.	
7	Adityapur	Action Plan for remediation of legacy waste approved by State level technical committee (SLTC) & sent to MOHUA, Gol for approval & santioning.	
8	Mango	Action Plan for remediation of legacy waste approved by State level technical committee (SLTC) & sent to MOHUA, Gol for approval & santioning.	
9	Deoghar	Action Plan for remediation of legacy waste approved by State level technical committee (SLTC) & sent to MOHUA, Gol for approval & santioning.	
10	Dhanbad	Action Plan for remediation of legacy waste approved by State level technical committee (SLTC) & sent to MOHUA, Gol for approval & santioning.	
11	Bundu	Action Plan for remediation of legacy waste approved by State level technical committee (SLTC) & sent to MOHUA, Gol for approval & santioning.	
12	Jhumaritilaya	Action Plan for remediation of legacy waste approved by State level technical committee (SLTC) & sent to MOHUA, Gol for approval & santioning.	
13	Dumka	Action Plan for remediation of legacy waste approved by State level technical committee (SLTC) & sent to MOHUA, Gol for approval & santioning.	
14	Lohardaga	Remediation is with integrated SWM	Under Tendering
15	Simdega	Remediation is with integrated SWM	Under Tendering
16	Khunti	Technical Approval Given	--
17	Saraikela	Technical Approval Given	--
18	Chaibasa	Revised DPR under technical Approval	--
19	Chakardharpur	Revised DPR under technical Approval	--
20	Garhwa	DPR under revision	--
21	Mihijam	Remediation is going on	--
22	Medininagar	Remediation is with integrated SWM	--

28
06/01/23

Nov 26 2023

[Signature]
21/1/23

Annexure - IV

Status of Sewage, Septage and FSTP the State of Jharkhand (For Month of Oct. to Dec. 2022)

STPs Status:

- I. Total Population: **Urban Population 58,29,586 (as per Census 2011)**
- II. Estimated Sewage Generation (MLD): **452 MLD**
- III. Existing Treatment Capacity (in MLD): **123.74 MLD**
- IV. Gap in Treatment Capacity in MLD: **328.26 MLD**

V. Details of Sewage Treatment Plant:

- Existing no. of STPs and Treatment Capacity (in MLD):

S.No.	Location	No. of STP	Capacity in MLD	Total A
1	Ranchi	7	10 MLD	25.5 MLD
2	Sahibganj	2	12 MLD	
3	Rajmahal	1	3.5 MLD	
4	*Ranchi	3	4.8 MLD	98.24 MLD
5	*Jamshedpur	3	60 MLD	
6	*Bokaro	5	32.8 MLD	
7	*Dhanbad	14	0.64 MLD	
Total B		35	123.74 MLD	123.74 MLD

- STPs run by ULBs capacity – 25.5 MLD
- STPs run by other agency – 98.24 MLD
- No. of Operational STPs: **35**

06.01.23

Now 26.01.23

06/1/23

Sewerage/ Septage/ FSTP project status	
A) Sewerage Project:	Operational/ Completed:
1	Sahibganj Nagar Parishad 12 MLD (2 STPs) Operational
2	Rajmahal Nagar Panchayat 3.5 MLD Operational
3	Dhanbad (CCL, Mathon Power, ACC, Tata Steel Colony, ISM) 0.64 MLD Operational
4	Bokaro (BSL, Gomia Explosive & Amity Reality) 32.8 MLD Operational
5	Ranchi Zone (Harmu STP) 7 STPs at various location on Harmu river. 10 MLD Operational
6	Jamshedpur (JUSCO) 60 MLD Operational
7	Ranchi Smart City- Zone i 16 MLD Completed Ready for trial run
Approval Stage/ Tender stage/ Under construction	
8	Ranchi Municipal Corporation (Badgai)- Zone i 37 MLD Under Construction To be completed by Feb. 2023
9	Ranchi Municipal Corporation (Bada Talab) Zone i 3 MLD Under Construction To be completed by Feb. 2023
10	Phusro Nagar Parishad 14 MLD Tender to be awarded
11	Adityapur Nagar Nigam 36 MLD Under Construction To be completed by March 2023
12	Ramgarh Nagar Parishad 40 MLD Tender stage Tender floated - bid opening date 03.02.2023
13	Medininagar Municipal Corporation (Bada Talab) 1 MLD Tender stage To be retendered
14	Dhanbad Municipal Corporaion 192 MLD Under administrative approval Project sanctioned by NMCG
DPR/ Pre- DPR stage:	
15	Ranchi Municipal Corporation (Zone ii, iii, iv) 200 MLD DPR under preparation
16	Mango Nagar Nigam 43 MLD DPR stage DPR to be revised
17	Jugsalai Nagar Parishad 8 MLD DPR stage DPR to be revised
18	Jamshedpur NAC 65 MLD DPR stage DPR to be revised
19	Medininagar Municipal Corporation (Harishchandra Ghat) 9 MLD Technical Sanction to be given Technical sanction to be given by technical cell
B) Septage Project:	
Completed/ Operational:	
1	Giridih Nagar Nigam 52 KLD Completed Under trial run
Tender stage/ Under construction	
2	Hazaribagh Nagar Nigam 64 KLD Under Construction To be completed by Mar. 2023
3	Chas Nagar Nigam 89 KLD Retendering Pending at JUIDCO level
4	Deoghar Nagar Nigam 101 KLD Under Construction To be completed by Mar. 2023
DPR/ Pre- DPR stage:	
5	Dumka Nagar Parishad DPR under preparation

20.11.23

N on 06.01.23

C) FSTP Project:		Operational/ Tender stage/ Under construction	
1	Bundu Nagar Panchayat	6 KLD	Completed
2	Chirkunda Nagar Parishad	12 KLD	Completed
3	Gumla Nagar Parishad	8 KLD	Under Construction
4	Simdega Nagar Parishad	6 KLD	Under Construction
5	Jhumritiliya Nagar Parishad & Koderma	30 KLD	Tender stage
6	Chakuliya Nagar Panchayat	6 KLD	Tender stage
7	Manjhaon Nagar Panchayat	6 KLD	Tender stage
8	Nagar Uttari Nagar Panchayat	6 KLD	Tender stage
9	Mango Nagar Nigam	6 KLD	Tender stage
10	Hussainabad Nagar Panchayat	14 KLD	Tender stage
11	Bishrampur Nagar Parishad	15 KLD	Tender stage
12	Lohardaga Nagar Parishad	30 KLD	Tender stage
13	Garhwa Nagar Parishad	20 KLD	Tender stage
14	Hariharganj Nagar Panchayat	4 KLD	Tender stage
15	Khunti Nagar Panchayat	14 KLD	Tender stage
DPR/ Pre-DPR stage:			
16	Chatra Nagar Parishad	18 KLD	Completed
17	Latehar Nagar Panchayat	10 KLD	Completed
18	Chatterpur Nagar Parishad	10 KLD	Completed
19	Domchanch Nagar Panchayat	9 KLD	Completed
20	Dhanwar Nagar Panchayat	6 KLD	Completed
21	Mahagama Nagar Panchayat	4 KLD	Completed
22	Barkishariya Nagar Panchayat	7 KLD	Completed
23	Dhanbad Nagar Nigam	54 KLD	Completed
24	Madhupur Nagar Parishad		Completed
25	Pakur Nagar Parishad		Completed
26	Basukinath Nagar Panchayat		Completed
27	Godda Nagar Parishad		Completed
28	Sarikela Nagar Panchayat		Completed
29	Barharwa Nagar Panchayat		Completed
30	Chakradharpur Nagar Parishad		Completed
31	Chaibasa Nagar Parishad		Completed
32	Jamtara Nagar Panchayat		Completed
33	Kapali Nagar Parishad		Completed
34	Mihijam Nagar Parishad		Completed
			Operational-Under trial run
			Operational-Under trial run
			To be completed by Feb. 2023
			To be completed by Feb. 2023
			Retendered- CS under preparation
			Financial bid to be approved by SUDA
			Retendered- CS under preparation
			Non responsive bid- to be retendered
			CS under preparation
			Tender floated - bid opening date 24.01.2023
			Tender floated - bid opening date 24.01.2023
			Tender floated - bid opening date 10.01.2023
			Tender floated - bid opening date 28.01.2023
			To be tendered out
			Tender floated - bid opening date 12.01.2023
			Technical Sanction Complete
			BOQ is prepared; AS is awaited from HLMC
			Technical Sanction to be given
			Technical sanction to be given by technical cell
			DPR is under revision by Mass n Void since 29.09.2022
			Land has been identified - M&DPR to be prepared by Mass n Void
			Land identification is in process
			Land identification is in process
			Land identification is in process
			Land identification is in process
			Land identification is in process
			Land identification is in process

Handwritten signature

Handwritten text: Nanded. 01.23

Handwritten initials and date: 06.02.23