BEFORE THE HON'BLE NATIONAL GREEN TRIBUNAL

Principal Bench, New Delhi

Execution Application No. 32 of 2023
In
Original Application No. 490 of 2019

In the matter of:

T.S. Singh — Applicant

Versus

State of Uttar Pradesh — Respondent

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3.	**Annexure- II** A copy of consent to establish of STP-18 MLD (Raebareli) dated 15.02.2024.	
4.	**Annexure- III** A copy of Logbook of Inlet Outlet flow data (Raebareli STP).	
5.	**Annexure- IV** A copy of consent to operate of STP-8.95 MLD (Partapgarh) dated 17.01.2024.	
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(Vishal Gandhi)
Scientist 'E'
Central Pollution Control Board
Delhi- 110032

Place: Delhi
Dated: 30.04.2024

Report in compliance of

Hon'ble NGT, Principal Bench, New Delhi's order dated 21.02.2024

In the matter of Execution Application No. 32/2023 in Original Application No.490/2019

(T.S. Singh Versus State of Uttar Pradesh)

Central Pollution Control Board
(Ministry of Environment, Forest & Climate Change, Govt. of India)
Parivesh Bhawan, East Arjun Nagar,
Delhi – 110032

1.0. Background

Hon'ble NGT vide order dated 21.02.2024 in the matter of Execution Application No. 32/2023 in O.A. No. 490 of 2019 T.S. Singh Versus State of Uttar Pradesh directed:

"….Central Pollution Control Board is also directed to submit independent test report of the samples taken from discharge from STPs in the district cities in question i.e. Pratapgarh, Raebareli and Jaunpur, along with factual status on mode of disposal of treated effluents from STPs and from untapped drains. CPCB may further provide water quality analysis report of river Sai at different locations, within a period of six weeks by e-mail at judicial-ngt@gov.in preferably in the form of searchable PDF/ OCR Support PDF and not in the form of Image PDF.…

2.0. Compliance to Directions of Hon'ble NGT

In compliance to direction of Hon'ble NGT, monitoring of untapped drains and STPs of three cities i.e. Raebareli, Pratapgarh and Jaunpur has been carried out by CPCB on 12.04.2024, 18.04.2024 and 19.04.2024 respectively. Monitoring of water quality of River has also been carried out in Unnao, Raebareli, Lucknow, Pratapgarh and Jaunpur district during April 2024 by CPCB team. As per Hon'ble NGT order, following aspects have been covered during visit to the three cities.

1. Monitoring of untapped drains
2. Monitoring of STPs
3. Water quality monitoring of river Sai flowing Raebareli, Pratapgarh and Jaunpur.

2.1. Monitoring of River Sai:

River Sai originates from district Hardoi and get confluence with river Gomti at Jaunpur after traveling through Unnao, Raebareli and Pratapgarh. Further river Gomti meets

to river Ganga at Kaithi. Municipal Council Raebareli and Bela-Pratapgarh are two major urban areas located along the stretch of river Sai and remaining stretch of River Sai is passing through the rural agglomeration.

1. Monitoring of river Sai at Unnao, Lucknow- Raebareli border, Raebareli, Pratapgarh and Jaunpur have been carried out by the team of CPCB during April 2024.
2. During the visit, total 13 water samples were taken along the stretch at different locations from Unnao to Jaunpur. The water quality of river Sai is given in table no 1.
3. The analysis result shows that Water Quality of river Sai meets Primary Water Quality Criteria for Bathing Water notified by MoEFCC at three monitored locations only i.e. Rasulpur (District-Unnao), Mohanbridge (District-Unnao), and Sirsaghat upstream Raebareli.
4. Based on water quality assessment, Feacal Coliform is the major pollutant throughout the stretch of river Sai which is mostly being contributed by sewage of the urban conglomerates of catchment area.

Table 1: Water quality of river Sai (Unnao to Jaunpur)

S. N.	Location	Coordinates	Parameter				
			pH	Temperature (˚C)	DO mg/L	BOD mg/L	Fecal Coliform MPN/100 mL
1.	Rasulpur Unnao	26.822756, 80.574684	8.29	21	9	< 1	< 1.8
2.	Mohan Bridge Unnao	26.774389, 80.675494	8.16	20	8	<1	2.0×10^3
3.	Bani Bridge Unnao	26.650031, 80.79409	8.33	20	8	2.14	**1.7×10^4**
4.	Jabraila Unnao	26.591593, 80.911658	8.12	22	7	2.58	**1.3×10^4**
5.	River Sai U/S Lucknow (before Kila Drain)	26.521524, 81.01145	8.48	21	8	2.48	**4.5×10^3**
6.	River Sai D/S Lucknow (After confluence of Kila drain)	26.531524, 81.01145	7.81	22	6	**5.68**	**7.8×10^3**
7.	Raebareli U/S Sirshaghat	26.290866, 81.090672	7.68	21	7.8	1.32	2.0×10^3
8.	Raebareli Mid Point Rajghat (After	26.228001, 81.217785	7.51	21	6.1	**6.20**	**2.8×10^5**

	confluence of Surajpur Drain)						
9.	Raebareli D/S Picnic Spot	26.18407, 81.284315	7.54	22	7.3	**3.84**	**1.3×10^6**
10.	Pratapgarh U/S Gaighat	25.933643, 81.974343	**9.08**	23	7.2	**5.24**	<1.8
11.	Pratapgarh D/S Railway Bridge	25.935650, 82.007410	**8.92**	24	5.4	**6.05**	**4.5×10^3**
12.	Jaunpur U/S Bargudar Bridge	25.74236, 82.560304	**8.74**	24	7.5	**5.68**	2.0×10^3
13.	Jaunpur Downstream	25.629609, 82.755649	**8.77**	24	7.1	**4.5**	<1.8
Primary Water Quality Criteria for Bathing as notified G.S.R. 742(E) on 25.09.2000.			**6.5-8.5**	**-**	**>5**	**<3**	**500-2500**

2.2. Status of Drains in Raebareli, Pratapgarh and Jaunpur

2.2.1. Drains in Raebareli

1. Raebareli city has been divided in to 4 sewerage zone and 7 major drains falling in to the river Sai. The list of 07 drains is as under:
    1. Indra Nagar Drain / Kaptan Ka Purwa
    2. Police Line Drain
    3. Rewati Ram Drain
    4. Kanpur Road Drain
    5. Surajpur Drain
    6. Mahanandpur Drain
    7. ITI Drain
2. As per UP Urban Jal Nigam, the discharge from these drains has been estimated as approx. 32.8 MLD. As mentioned above, there are four sewerage zone at Raebareli. Details of sewerage network are mentioned below:
    a. AMRUT 2.0 scheme for the project of sewerage zone 1 comprising about 125 km sewerage network and STP of 14.8 MLD capacity in Raebareli is under the proposal stage.
    b. The sewerage of Zone (2, 3 and 4) of Raebareli covering of 205 km sewage network is partially operational. Out of 205 Km of Sewerage Network, only 42 Km of sewerage network is functional. Due to this, only 2.92 MLD of Sewage treated in 18 MLD STP. Treated effluent is discharge in to river Sai through partially lined drain.

3. At present, all untreated Sewage generated from the city is discharged through these seven untapped drains which meets into river Sai. However, Bio-remediation is being carried out in all these seven drains by Municipal Council Raebareli.
4. Monitoring of total seven drains along with the flow measurement has been carried out on 12.04.2024 to assess the quality of wastewater before and after Bio-remediation. The characteristics of these drain is tabulated at **table 2**.
5. It is evident from above analysis that no significant reduction in the values of monitored parameters observed after deployment of Bio-remediation on drains as water quality of drain are not meeting the General Standards for Discharge of Environmental Pollutants. Quality of Wastewater concentration for BOD, COD and TSS in Mahanandpur Drain and ITI Drain are lower compare to other drains.

Table 2: Characteristics of drains meeting to river Sai at Raebareli

S No.	Name of the Drain	Coordinates of Bio-remediation point	Instantaneous Flow of Drain (MLD)	pH	Colour	TSS	TDS	PO_4 as P	Total Nitrogen	COD	BOD	TC	FC
General Discharge Standards				**5.5-9.0**	**-**	**100**	**-**	**-**	**-**	**250**	**30**	**-**	**-**
1.	Indra nagar drain/ Kaptan ka Purwa Drain Before Bio-remediation	26.208049, 81.245533	4.3 MLD	6.91	60	130	1044	2.88	21.6	331	164	$7x10^6$	$1.7x10^6$
	Indra nagar drain/ Kaptan ka Purwa Drain After Bio-remediation			7.06	60	**114**	1101	3.20	26.6	190	**95**	$4.9x10^6$	$2.2x10^6$
2.	Police line Drain Before Bio-remediation	26.217486, 81.233517	5 MLD	6.98	50	49.4	1066	2.94	24.6	153	66.7	$5.4x10^7$	$2.2x10^7$
	Police line Drain after Bio-remediation			7.11	50	94.4	1024	2.89	23.0	152	**54**	$9.2x10^7$	$3.5x10^7$
3.	Kanpur Road Drain Before Bioremediation	26.223827, 81.225831	2.9 MLD	6.99	70	33.3	1064	2.06	17.5	145	76.7	$1.6x10^8$	$3.5x10^7$
	Kanpur Road Drain after Bio-remediation			7.44	70	**257**	1056	1.92	28.6	**291**	**96.5**	$2.4x10^7$	$7.9x10^6$
4.	Surajpur Drain Before Bio-remediation	26.230554,	8 MLD	7.32	60	27.2	1089	2.71	24.3	167	89	$5.4x10^7$	$2.2x10^7$

S No.	Name of the Drain	Coordinates of Bio-remediation point	Instantaneous Flow of Drain (MLD)	pH	Colour	TSS	TDS	PO_4 as P	Total Nitrogen	COD	BOD	TC	FC
General Discharge Standards				**5.5-9.0**	**-**	**100**	**-**	**-**	**-**	**250**	**30**	**-**	**-**
	Surajpur Drain after Bio-remediation	81.228123		7.26	60	**111**	1107	1.76	22.9	222	**74.8**	$1.6x10^8$	$2.8x10^7$
5.	Rewtiram ka Talab Drain Before Bio-remediation	26.242565, 81.229577	2.1 MLD	7.36	60	96.6	935	3.01	33.8	156	48.7	$2.2x10^7$	$1.3x10^7$
	Rewtiram ka Talab Drain after Bio-remediation			7.46	60	17.4	829	2.31	31.8	104	**31.6**	$1.3x10^7$	$4.9x10^6$
6.	ITI Drain Before Bio-remediation	26.23397, 81.261423	2.4 MLD	7.35	60	18.8	695	3.85	13.4	93.9	35.6	$7.9x10^6$	$4.9x10^6$
	ITI Drain after Bio Remediation			8.10	35	11.8	735	1.13	30.3	31.3	7.65	$4.5x10^4$	$2.0x10^4$
7.	Mahanandpur Drain Before Bio-remediation	26.208315, 81.256678	7.3 MLD	7.33	100	47.9	884	3.46	18.4	135	29.5	$4.9x10^6$	$2.2x10^6$
	Mahanandpur Drain after Bio-remediation			7.38	120	37.3	944	3.58	22.4	130	25	$1.3x10^7$	$7.9x10^6$

** All values are in mg/l except pH, Colour TC & FC. Colour is in Hazen, TC & FC in MPN/100 ml.*

2.2.2. Drains in Pratapgarh

1. The Pratapgarh city has 04 drains. The Wastewater of all 4 drains of Pratapgarh discharges into river Sai. List of 04 drains is as below:
    1. Ramleela Maidan Drain
    2. Bhuliapur Drain
    3. Police Line Chakwan Drain
    4. Pratapgarh City Drain
2. Three drains i.e Ramleela Drain, Police Line Chakwan Drain and Pratapgarh City Drains are partially tapped and diverted to STP-8.95 MLD Pratapgarh.
3. Phytoremediation is being carried out by Municipal Council, Bela Pratapgarh at Bhuliapur drain and Ramleela drain through a constructed wet-land comprising of zig-zag flow path and plantation of Reed and Canna. Design of Phyto-remediation unit is annexed as **Annexure-1.**

4. During visit, it was observed that Phyto-remediation measures deployed at untapped part of Police line drain and Pratapgarh city drain was not found operational.
5. During monitoring, flow of untapped part of drains was measured and Grab samples collected to assess the quality of wastewater before and after Phyto-remediation of drains and analyzed at CPCB RD laboratory Lucknow. The characteristics of these drain is tabulated at **table 3**.
6. Water quality of 03 drains namely Ramleela Maidan Drain, Police Line, Chakwan Drain and Pratapgarh City Drain are meeting the General Standards for Discharge of Environmental Pollutants before the deployment of Phytoremediation. Further, Water quality of other drain i.e Bhuliapur drain meets the General Standards for Discharge of Environmental Pollutants after deployment of Phytoremediation. It may also be seen that increase in concentration parameters (BOD) is observed after Phytoremediation which shows that Phytoremediation is not effective.

Table 3: Characteristics of drains meeting to river Sai at Pratapgarh

S No.	Name of the Drain	Coordinates of Bio remediation point	Instantaneous Flow of Drain (MLD)	pH	Colour	TSS	TDS	PO_4 as P	Total Nitrogen	COD	BOD	TC	FC
General Discharge Standards				**5.5-9.0**	**-**	**100**	**-**	**-**	**-**	**250**	**30**	**-**	**-**
1.	Police line drain Before Bio Remediation	25.919687, 81.966344	0.5 MLD (untapped part)	7.41	75	10.4	1289	1.05	24.9	67.1	15	$4.5x10^4$	$2x10^4$
	Police line drain after Bio-remediation			7.54	75	7.32	1332	1.25	23.4	70.5	16.6	$1.3x10^5$	$7.8x10^4$
2.	Bhuliapur Drain Before phytoremediation	25.933167, 81.984328	1.6 MLD	7.35	250	120	1428	2.09	29.3	204	54.0	$1.3x10^6$	$2.3x10^5$
	Bhuliapur Drain after phytoremediation			8.07	50	2.63	1728	1.54	19.3	64.9	14.3	$4.5x10^4$	$2.0x10^4$

3.	City Drain before Bio Remediation	25.933155, 82.002998	0.8 MLD (untapped part)	7.46	40	17.0	1148	1.45	24.7	64.1	14.5	$7.9x10^5$	$4.9x10^4$
	City Drain after Bio Remediation			7.47	75	18.4	1156	<0.5	29.2	72.1	21.7	$4.9x10^5$	$2.3x10^5$
4.	Ramleela Drain Before Phytoremediation	25.931918, 82.009619	0.4 MLD (untapped part)	7.41	75	60.1	1156	.99	24.7	90.0	23.6	$4.9x10^5$	$2.3x10^5$
	Ramleela Drain after Phytoremediation			7.73	75	2.71	1286	1.13	15.2	37.7	7.27	$1.7x10^6$	$1.3x10^6$

*All values are in mg/l except pH, Colour TC & FC. Colour is in Hazen, TC & FC in MPN/100 ml.

2.2.3. Drains in Jaunpur

1. There is no Sewage out-fall on river Sai at Jaunpur city observed as river is geographically away from city.
2. There are 14 drains in Jaunpur city which are tapped and sewage from these 14 drains are sent to 30 MLD STP Jaunpur. Treated sewage from STP is discharged in river Gomati.

2.3. Monitoring of STPs

CPCB has monitored 03 STPs namely, **S**TP-18 MLD in Raebareli, STP-8.95 MLD in Pratapgarh and STP-30 MLD in Jaunpur. Monitoring details of STPs are discussed in subsequent sections.

2.3.1. Monitoring of STP-18 MLD in Raebareli:

1. Monitoring of STP-18 MLD at Raebareli was carried out on 12.04.2024 by the team of CPCB.
2. STP-18 MLD is being operated based on SBR (Sequential Batch Reactor) technology & located at Parsadpur Road, PAC Campus, Raebareli STP is receiving only 2.92 MLD of sewage against the designed capacity of 18 MLD. Plant is being operated by M/s Gharpure Engineering and Construction Pvt. Ltd., Pune
3. Plant has obtained consent to establish on 30.03.2021 and applied for consent to operate to UPPCB on 15.02.2024 (Copy of application form is annexed as **Annexure 2**). Logbook of inlet and outlet is maintained (Copy of logbook for April, 2023 is annexed as **Annexure 3**).

4. During visit, the samples from inletand outlet were collected and analyzed in laboratory of CPCB, RD, Lucknow. The analysis results are tabulated in **Table no 4**.

Table no 4: Characteristics of wastewater of STP at Raebareili

S. No.	Parameters	Unit	Inlet of STP	Aeration Tank	Final Outlet	Limit as per Hon'ble NGT Order	Prescribed std. by MOEF&CC
1	pH	-	7.10	-	8.05	5.5 to 9.0	6.5-9.0
2	TSS	mg/l	42.1	-	3.1	20	<100
3	Total Nitrogen		26.4	-	11.3	10	-
4	BOD		31.2	-	7.20	10	30
5	COD		126	-	19.1	50	-
6	Faecal Coliform	MPN/ 100ml	$1.7x10^7$	-	**$2x10^4$**	230	<1000

9. The analysis results of final outlet of STP shows that STP is non-complying w.r.t. Faecal Coliform at outlet as per Hon'ble NGT order dated 30.04.2019 in OA No. 1069/2018. Also, as per MOEF&CC notified G.S.R. 1265(E) dated 13.10.2017 STP is non-complying w.r.t. Faecal Coliform at outlet.
10. Treated effluent is discharge in to river Sai through partially lined drain.

2.3.2. Monitoring of STP-8.95 MLD in Pratapgarh:

1. Monitoring of STP-8.95 MLD at Pratapgarh was carried out on 18.04.2024 by the team of CPCB, RD.
2. STP- 8.95 MLD is operating on FAB (Fluidized Aerobic Reactor) based technology and located near Shaktivinayak Hospital, Pratapgarh.
3. Plant is being operated by M/s Chem-ECO Engineers, Head Office- Kalyanpur, Kanpur.
4. Plant has obtained consent to operate under Water (P & C) Act 1974 from UPPCB which is valid upto 31.12.2025. Copy of consent is enclosed as **Annexure-4.**
5. During visit, plant was found operational. Unit is receiving effluent from three partially tapped drain namely Ramleela Drain, Police Line Chakwan Drain and Pratapgarh City drain. Logbook is maintained for inflow of STP. As per logbook of March 2024, average 6.81 MLD flow of sewage is received at inlet of STP

against the installed capacity of 8.95 MLD. Remaining untreated sewage being disposed off into river Sai. Copy of Logbook is enclosed as **Annexure-5.**

6. During visit, the samples from inlet and Outlet of STP were collected and analyzed in laboratory of CPCB, RD, Lucknow. The analysis results are tabulated at table 5.

Table 5: Characteristics of wastewater of STP- 8.95 MLD at Pratapgarh

S. N.	Parameters	Unit	Inlet of STP	Final Outlet	Limit as per Hon'ble NGT Order	Prescribed std. by MOEF&CC
1	pH	-	7.29	7.70	5.5 to 9.0	6.5-9.0
2	TSS	mg/l	60.4	17.1	20	<100
3	Total Nitrogen		28.5	**22.6**	10	-
4	BOD		82.0	**45.2**	10	30
5	COD		174	**115**	50	-
6	Faecal Coliform	MPN/ 100mL	$4.9x10^6$	<1.8	230	<1000

7. As per the analysis report, STP is not complying with the limits ordered by Hon'ble NGT in their order dated 30.04.2019 in case of OA No. 1069/2018 for Total Nitrogen, BOD and COD, whereas as per MOEF&CC notified G.S.R. 1265(E) dated 13.10.2017, STP is also non-complying w.r.t. BOD at outlet.

8. Treated wastewater from the STP is being discharged in to river Sai through pipeline.

2.3.3. Monitoring of STP- 30 MLD in Jaunpur:

1. Monitoring of STP- 30 MLD at Jaunpur was carried out on 19.04.2024 by the team of CPCB, RD.
2. STP-30 MLD is based on AAO (Anaerobic-Anoxic-Oxic) technology and located at Pachahatiya, Jaunpur.
3. Plant is being operated by M/s SPML PPPL JV (a joint venture of M/s SPML Infra Ltd. and M/s Pulkit Project Pvt. Ltd.) H.O. New Delhi.

4. Plant had consent to operate under Air (P & C) Act 1981 and Water (P & C) Act 1974 which was valid upto 31.12.2022. Application for renewal of consent to operate has not yet been made.
5. During visit, plant was found operational. Unit is receiving effluent from 14 tapped drain of river Gomti at Jaunpur city. Logbook is maintained for inflow and outflow of ETP. As per logbook of April 2024 (till 18.04.2024), average 27 MLD sewage is received at inlet of STP against the installed capacity 30 MLD. Copy of logbook is enclosed as **Annexure-6.**
6. During visit, the samples from inlet, Aeration tank and outlet were collected and analyzed in laboratory of CPCB, RD, Lucknow. The analysis results of samples are tabulated in **table 6**.

Table 6: Characteristics of wastewater of STP at Jaunpur

S. No.	Parameters	Unit	Inlet of STP	Aeration Tank	Final Outlet	Limit as per Hon'ble NGT Order	Prescribed std. by MOEF&CC
1	pH	-	7.49	-	7.83	5.5 to 9.0	6.5-9.0
2	TSS	mg/l	241	-	2.90	20	<100
3	Total Nitrogen		32.3	-	**28.2**	10	-
4	BOD		93.9	-	**16.6**	10	30
5	COD		252	-	**72.8**	50	-
6	Faecal Coliform	MPN/100ml	$4.9x10^5$	-	**$2.3x10^4$**	230	<1000
7	MLSS	mg/l	-	103	-	-	-
8	MLVSS		-	43.6	-	-	-

7. Also, very less concentration of MLSS and MLVSS in Aeration Tank recorded.
8. Treated sewage is discharge in to river Gomti through partially lined drain.
9. The analysis result of final outlet of STP shows that STP is non-complying w.r.t. Total Nitrogen, BOD, COD and Faecal Coliform at outlet as per Hon'ble NGT order dated 30.04.2019 in OA No. 1069/2018 whereas as per MOEF&CC notified G.S.R. 1265(E) dated 13.10.2017, STP is non-complying w.r.t. Faecal Coliform at outlet only.

In view of above facts, Status of Drains in terms of interception / tapping to STPs, Efficacy of Bio-remediation and compliance status of STPs are summarized in Table 7

Table 7: Summarized status of drains and STPs

S. No	City / Town	Status of Drain				Status of STPs			
		Number of Drain	**Status of Interception**	**Efficacy of Bioremediation / Phytoremediation**	**Discharges into**	**Installed Capacity (MLD)**	**Capacity Utilization (MLD)**	**Compliance Status**	Treated sewage Discharges into
1.	Raebareli	07	Untapped	No significant reduction in water quality	River Sai	18	2.92[1]	Non Complying	River Sai
2.	Pratapgarh	04	03 drains partially trapped and diverted to 8.95 MLD STP	No significant reduction in water quality	River Sai	8.95	6.81	Non-complying	River Sai
3.	Jaunpur	14	Tapped and diverted to 30 MLD STP	-	River Gomti	30	27	Non-complying	River Gomti

Note:

1: Out of 205 Km of Sewerage Network, only 42 Km of sewerage network is functional and enables 2.92 MLD of capacity utilization.

3.0. Major Findings and Recommendations:

1. In Raebareli, there are 07 drains (approx 32 MLD) discharging wastewater into river Sai. All 07 drain are untapped and bioremediation is being carried out. The analytical results indicates that no significant reduction in water quality of drains was observed after bioremediation as water quality of drains are not meeting the General Standards for Discharge of Environmental Pollutants except Mahanandpur Drain and ITI Drain
2. Similarly, in Partapgarh, 04 drains (approximately 3.3 MLD) are discharging wastewater into river Sai. Out of 04 drains, 03 drains are partially trapped and diverted to STP-8.95 MLD Pratapgarh. Water quality of all 04 drains are

meeting the General Standards for Discharge of Environmental Pollutants. However, increase in concentration parameters (BOD) is observed after Phytoremediation which shows that Phytoremediation imparted in drains are not effective.

3. There are 14 drains in Jaunpur city which are tapped & diverted into STP- 30 MLD at Jaunpur. Treated sewage from STP-30 MLD Jaunpur is discharged in to river Gomti through partially lined drain. No sewage is directly discharged into river Sai at Jaunpur city.
4. STP at Raebareli is receiving only 2.92 MLD of sewage against the designed capacity of 18 MLD through functional sewage network of 42 Km. Treated sewage from STP Raebareli is being discharged in to river Sai through partially lined drain.
5. STP at Pratapgarh is receiving only 6.81 MLD against 8.95 MLD capacity. Treated wastewater from STP Pratapgarh is being discharged in river Sai through pipeline.
6. STP at Jaunpur is receiving approximately 27 MLD against the 30 MLD capacity.
7. All three monitored STPs are found non-complying w.r.t. standards prescribed as per Hon'ble NGT order dated 30.04.2019 in OA No. 1069/2018.
8. Water quality of river Sai meeting the Primary Water Quality Criteria for Bathing Standards notified by MoEF&CC at three locations only (i.e. Rasulpur (District-Unnao), Mohan bridge (District-Unnao), and Sirsaghat upstream Raebareli) of the 13 monitored locations.

Based on visit and water quality sampling of River Sai, Drains & STPs, the following recommendations are made.

1. Development of Sewerage network (zones 2, 3 and 4) of 208 Km and its connection to 18 MLD STP in Raebareli should be completed in a time bound manner. Further, AMRUT 2.0 scheme for the project of sewerage zone 1 comprising about 125 km sewerage network and STP of 14.8 MLD capacity in Raebareli should also get appropriately implemented in time bond manner. Further, all 07 drains should be intercepted and diverted to STP.

2. STP-18 MLD at Raebareli & STP- 30 MLD Jaunpur, should obtain/ renewed consent to operate under Water (P & C) Act,1974 and Air (P & C), 1981.
3. STP-18 MLD at Raebareli, STP-8.95 MLD at Pratapgarh and STP-30 MLD at Jaunpur, should be efficiently operated and maintained to achieve the prescribed standards.
4. All drains flowing in Pratapgarh city should be appropriately tapped and diverted to STP- 8.95 MLD Pratapgarh to utilize the designed capacity STP
5. UP PCB shall ensure that:
    a. Required sewerage networks and STPs of adequate capacity are installed by the relevant agency in a time bound manner
    b. all the drains are suitably intercepted and diverted to STPs in a time bound manner.
    c. Till (a) and (b) above are commissioned, the Bio-remediation/phytoremediation is properly operated & maintained.
    d. STPs operate efficiently and meet the prescribed discharge standards.
6. UP PCB shall also monitor progress of installation/operation of the above

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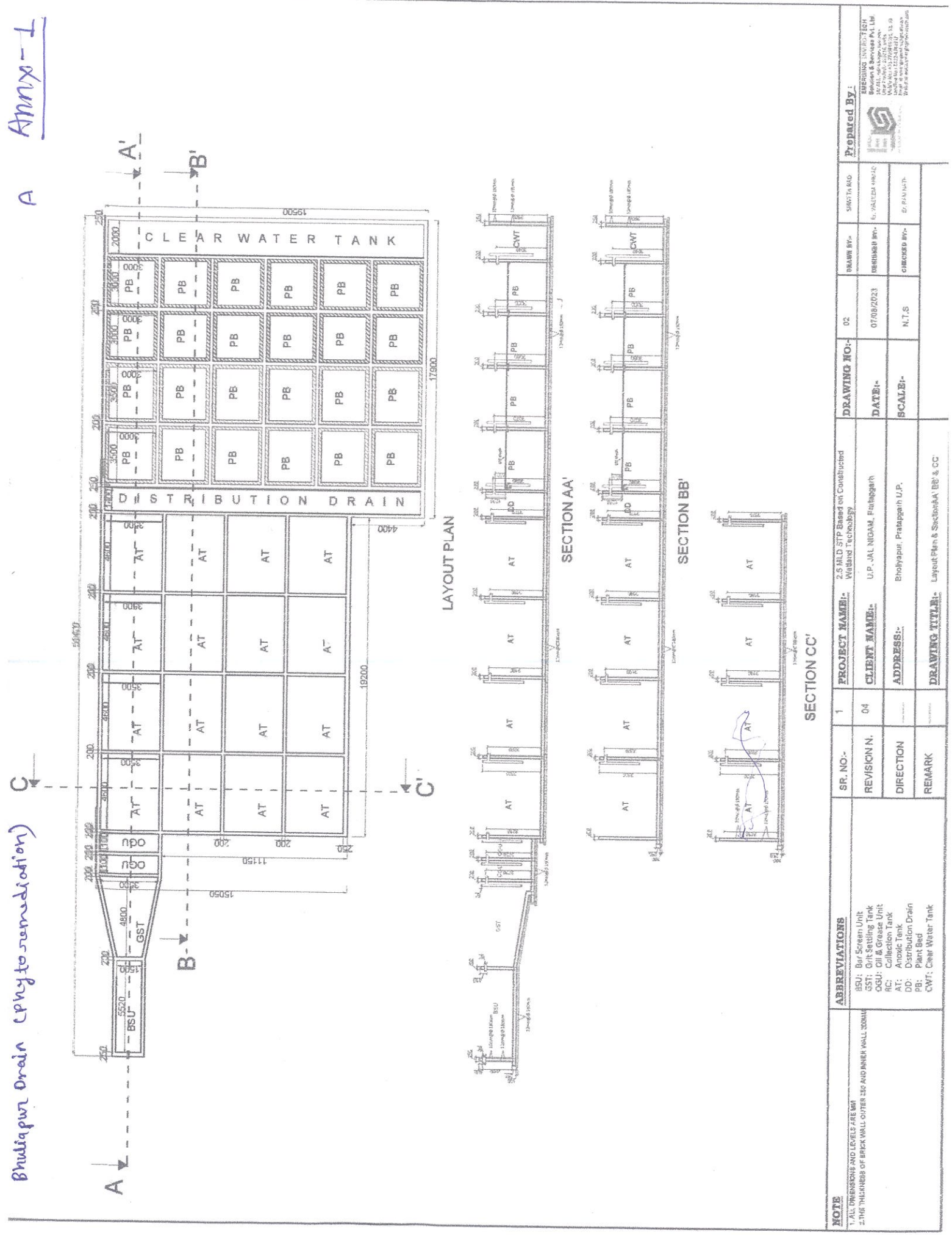
Annx-1

A



Bholiapur Drain (Phyto remediation)

Annx-2

FORM 1
CONSOLIDATED CONSENT & AUTHORIZATION

Application for consent for discharge/continuation of discharge under section 25/26 of the Water (Prevention and Control of Pollution)Act ,1974 and for emissions/continuation of emission under section 21 of the Air (Prevention and Control of Pollution) Act, 1981 and for grant/renewal of authorisation for generation or collection or storage or transport or reception or recycling or reuse or recovery or pre-processing or co-processing or utilisation or treatment or disposal of hazardous and other waste under Hazardous and other waste (Management and Transboundary Movement) Rules 2016 read with Environment (Protection) Act 1986.

From ,

NAGAR PALIKA PARISHAD 18 MLD STP
RAEBARELI, Villege- Godawa Gadiyani,
Parsadepure Road, Opp. PAC Camp, Raebareli,
UP,RAEBARELI,229001
City:
Block:Dalmau
District:RAEBARELI

Dated
15/02/2024

To ,
The Member Secretary,
U. P. Pollution Control Board,
Lucknow.

Sir,

I/We apply for Consolidated Consent to Operate and Authorization under section 25/26 of the Water (Prevention and Control of Pollution) Act, 1974, under Section 21 of the Air (Prevention and Control of Pollution) Act, 1981 and Hazardous and other Waste (Management and Transboundary Movement) Rules 2016 noted under Environment (Protection) Act 1986 to make discharge/emission/disposal of hazardous and other waste from

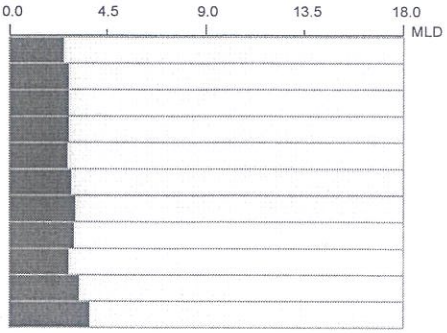
SWARN SINGH for a period upto 1 years

2. The annexure, appendices other particulars and plans in triplicate are attached herewith.
3. I/We further declare that the information furnished in the Annexure, appendices and plans is correct to the best of my/our knowledge.
4. I/We hereby submit that in case of change either of the point or the quantity of discharge or its quality, a fresh application for CONSENT shall be made and until such CONSENT is granted no change shall be made
5. I /We hereby agree to submit to the Board and application for renewal of consent one month in advance of the date of expiry of the consent period
6. I/We undertake to furnish other information within one month of its being called by the Board.

Annx-3

18MLD STP AT RAEBARELI
12 April 2024 16:52:56

INCOMING VOLUME 04 / 2024



DAY		
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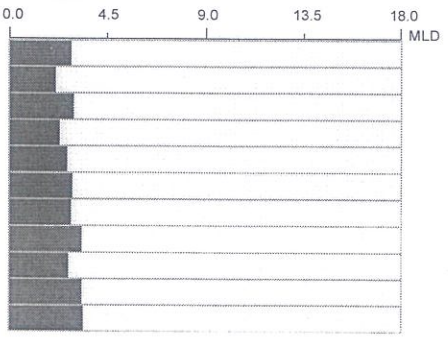
2	2760	m3
3	2744	m3
4	2760	m3
5	2672	m3
6	2889	m3
7	3076	m3
8	2995	m3
9	2770	m3
10	3220	m3
11	3743	m3

32158 m3 TOTAL

OUTGOING VOLUME 04 / 2024



DAY		
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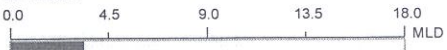
2	2171	m3
3	3006	m3
4	2332	m3
5	2679	m3
6	2908	m3
7	2864	m3
8	3345	m3
9	2741	m3
10	3342	m3
11	3434	m3

31700 m3 TOTAL

For GHATPURE ENGG & CONST PVT LTD
RAEBARELI

18MLD STP AT RAEBARELI
12 April 2024 16:53:32

INCOMING VOLUME 03 / 2024



DAY		
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5	2287	m3
6	2628	m3
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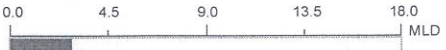
8	2600	m3
9	2301	m3
10	2474	m3
11	2559	m3
12	1937	m3
13	2350	m3
14	3157	m3
15	2997	m3
16	2913	m3
17	2868	m3
18	2747	m3
19	2773	m3
20	2589	m3
21	2831	m3
22	2736	m3
23	2924	m3
24	2714	m3
25	2106	m3
26	2721	m3
27	2561	m3
28	2441	m3
29	2641	m3
30	2761	m3
31	2774	m3
	82448	m3 TOTAL

OUTGOING VOLUME 03 / 2024



DAY		
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9	2221	m3
10	2250	m3
11	2627	m3
12	2011	m3
13	2401	m3
14	3037	m3
15	2867	m3
16	2860	m3
17	2613	m3
18	2466	m3
19	2661	m3
20	2919	m3
21	2642	m3
22	2312	m3
23	2538	m3
24	3140	m3
25	2215	m3
26	2669	m3
27	2389	m3
28	2638	m3
29	2115	m3
30	2805	m3
31	2702	m3
	78967	m3 TOTAL

GHAZIPUR ENGG. & CONST PVT LTD
RAEBARELI

Annx-4

Uttar Pradesh Pollution Control Board
Building. No TC-12V Vibhuti Khand, Gomti Nagar, Lucknow-226010
Phone:0522-2720828,2720831, Fax:0522-2720764, Email: info@uppcb.in, Website: www.uppcb.com

194250/UPPCB/Raebareli(UPPCBRO)/CTO/both/PRATAPGARH/2023 **Date: 17/01/2024**

To,

M/s

STP BELHA NEAR SHAKTI VINAYAK HOSPITAL PRATAPGARH

8.95 MLD STP, NEAR SHAKTI CINAYAK HOSPITAL, BELHA,PRATAPGARH,230001

Application Id-23066401

Consolidated Consent to Operate and Authorisation hereinafter referred to as the CCA (Consolidated Consent & authorization) (Fresh) under Section-25 of the Water (Prevention & Control of Pollution) Act, 1974 and under Section-21 of the Air (Prevention & Control of Pollution) Act, 1981

CCA is hereby granted to **STP BELHA NEAR SHAKTI VINAYAK HOSPITAL PRATAPGARH** located at **8.95 MLD STP, NEAR SHAKTI CINAYAK HOSPITAL, BELHA,PRATAPGARH,230001.** subject to the provisions of **the Water Act, Air Act** and the orders that may be made further and subject to following terms and conditions :-

1. This CCA STP BELHA NEAR SHAKTI VINAYAK HOSPITAL PRATAPGARH **granted for the period from 01/01/2024 to 31/12/2025** and valid for manufacturing of following products.

S No	Product	Quantity	Unit
1	Sewage Treatment Plant	8950	Kilo Liters/Day

2. Conditions under Water(Prevention and Control of Pollution) Act -1974 as amended :-

(i) The daily quantity of effluent discharge (KLD) :-

Kind of Effluent	Quantity(KLD)	Treatment facility	Discharge point
Domestic	**8.95 MLD**	**STP**	**Drain**

(ii) Trade Effluent Treatment and Disposal :-The applicant shall operate Effluent Treatment Plant consisting of primary/secondary and tertiary treatment as is required with reference to influent quantity and quality.

In case of stoppage of functioning of ETP, production has to be stopped immediately and this Board has to be intimated by fax/phone/email with a report in this regard to be dispatched immediately.

(iii) The treated effluent shall be recycled to the maximum extent and should be reused within the premises for gardening etc. Quality of the treated effluent shall meet to the following general and specific standards as prescribed under Environment (Protection) Rules, 1986 and applicable to the unit from time-to-time :-

Industrial Effluent Quality Standard

S.No.	Parameter	Standard

(iv) Sewage Treatment and Disposal :- The applicant shall provide comprehensive STP as is required with reference to influent quantity and quality.In case of stoppage of functioning of STP, production has to be stopped immediately and this Board has to be intimated by fax/phone/email with a report in this regard to be

dispatched immediately.

(v) The treated sewage shall be reused in gardening as far as possible. The STP shall be maintained continuously so as to achieve the quality of the treated sewage to the following standards.

S No.	Parameters	Standards
1	pH	6.5-9.0
2	BOD (mg/L)	30 mg/l
3	TSS (mg/L)	100 mg/l
4	Fecal Coliform (MPN/100ml)	1000 MPN/100ml

3. Conditions under Air (Prevention and Control of Pollution) Act -1981 as amended :-

i) The applicant shall use following fuel and install a comprehensive control system consisting of control equipment as required with reference to generation of emissions and operate and maintain the same continuously so as to achieve the level of pollutants to the following standards.

Air Pollution Source Details

S No.	Air Pollution Source	Type of fuel	Stack no	Control Device	Height of Stack
1	250 KVA DG set	Diesel	1	Particulate Matter	as per norms

Emmission Quality Standards

S No.	Stack no	Parameters	Standards

In case of stoppage of functioning of air pollution control equipment, production has to be stopped immediately and this Board has to be intimated by fax/phone/email with a report in this regard to be dispatched immediately

(ii) The unit will not use any type of restricted fuel.

iii) Noise from the D.G. Set and other source(s) should be controlled by providing an acoustic enclosure as is required for meeting the ambient noise standards for night and day time as prescribed for respective areas/zones (Industrial, Commercial, Residential, Silence) which are as follows :-

Day time : from 6.00 a.m. to 10.00 p.m., Night time: from 10.00 p.m. to 6.00 a.m.

Standards for Noise level in db(A) Leq	Industrial Area		Commercial Area		Residential Area		Silence Zone	
	Day Time	Night Time	Day Time	Night Time	Day Time	Night Time	Day Time	Night Time
	75	70	65	55	55	45	50	40

4. Essential documents to be submitted by the Industry/Unit as Applicable :-

(i) Environment Statement in Form-V of Environment (Protection) Rules, 1986.

(ii) Quarterly compliance report of the CCA, photograph of ETP/APCs/Waste Storage Area.

5. Competent Authority reserves the right to change/modify/add any time any condition of this CCA.

6. Unit has to comply with the following specific & general conditions. Non compliance of any provision of this CCA and provisions of the Water Act, Air Act and Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 will results in legal action under the aforesaid Acts and Rules.

7. In compliance to the G.O 1011/81-7-2021-09 (Writ)/2016 dated.13.10.2021 issued by Department of Environment, Forest and Climate Change, Uttar Pradesh. You are directed to develop Miyawaki Forest as per the SOP available at URL:-http://www.upecp.in/TrainingSession.aspx for ensuring timely compliance of this direction, you are hereby directed to submit a bank guarantee with minimum validity of one year of the amount equivalent to the sum of initial consent fees (Air and Water) or Rs. 50,000/- (Rs. Fifty Thousand Only) whichever is more, within 30 days from the date of issuance of this certificate. In case of non-compliance of this direction, your consent will be revoked by the Board.
8. If the unit uses the ground water and requires the permission from SGWA/CGWA for water abstraction then the industry will have to obtain No objection certificate for abstraction of ground water. It will be the responsibility of the industry to comply with the various conditions of the NOC obtained from the competent authority and submit to the Board, within 3 months time failing which CTO will be revoked.

General Conditions:-

1. The applicant shall get analysed the samples of effluent/emission/hazardous wastes at least once in a three month from the laboratory recognized by the MoEF and shall report to the UPPCB.
2. The applicant shall however, not without the prior consent of the Board bring into use any new or altered outlet for the discharge of effluent or gases emission or sewage waste from the unit.
3. Treated Industial waste water and domestic waste water shall be disposed jointly at one disposal point. The applicant shall provide discharge measurement equipment at final disposal point.
4. The applicant shall strictly comply with conditions of this CCA and submit compliance report of stipulated conditions within 30 days of receipt of this CCA. If at any point of time, it is found that the industry is not complying with stipulated conditions or any further direction/instruction issued by the Board, legal action shall be initiated against the applicant.
5. The applicant shall maintain good house keeping. All valves/pipes/sewer/drains etc. must be leak-proof
6. The industry shall provide uninterrupted entry to the STP/ETP inlet and outlet points, Air Pollution Control equipment and stack for smooth sampling/monitoring of efficiency of pollution control systems.
7. The industry shall provide Inspection Book at the time of inspection to the Board's officials.
8. Whenever due to any accident or other unforeseen act or event, such emission occurs or is apprehended to occur in excess of standards laid down, such information shall be reported to the Board's offices and all other concerned offices. In case of failure of pollution control equipment, the production process connected to it shall be stopped with immediate effect.
9. The industry shall operate in a manner so that all emissions be emitted through designated chimney/stack only.
10. In case of any damage to the agriculture productivity, human habitation etc. by the operation of industry, it shall be imperative to stop production in the industry with immediate effect and such information shall be reported to Board's offices. The industry shall be liable to pay compensation also in such cases as decided by the Competent Authority.
11. The applicant shall apply before the 60 days of expiry of CCA or any change in production types/ production capacity/manufacturing process/capacity enhancement etc. or any change in effluent discharge point or emission point
12. The Board reserves the right to revoke/add/modify any stipulated condition issued along with CCA, as may be necessary.

Specific Conditions:-

1. This consent is valid for the Sewage Treatment Plant (capacity 8.95 MLD) at Belha, Near Shakti Vinayak Hospital, Pratapgarh.

2. This consent is valid for the current products and capacity. In Case of any change in process, capacity

enhancement etc. No Objection Certificate shall be obtained from the Board.

3. The unit shall ensure the proper maintenance & operation of STP, so that the parameters of outlet of STP achieve the prescribed norms.

4. The unit shall ensure the proper maintenance & operation Sewage Treated Plant (capacity of 8.95 MLD) in such a manner so that it can achieve the standard specified in the notification issued by Ministry of Environment, Forest & Climate Change vide GSR 1265 (E) dated 13-10-2017 in the time period as specified in the notification & treated water shall be used in flushing/horticulture/cooling etc.

5. The treated effluent shall be recycled for different purpose and irrigation as much as possible and rest treated effluent shall be discharged as per standards in such manner so that no water logging takes place.

6. The unit shall ensure to maintain the log book of energy meter and chemical consumption and send the copy of log book to the Board on monthly basis.

7. The unit shall ensure that no untreated effluent is discharged from the premises.

8. The unit shall ensure to calibrate the flow meters installed at the inlet and outlet of STP and online continuous effluent monitoring system by the NABL accredited organization quarterly basis.

9. The unit shall ensure to install OCEMS on the outlet of STP and linked with the server of the Board within a month.

10. The unit shall ensure to install and maintain PTZ webcam installed at aeration tanks and the final outlet of STP.

11. Industry shall submit the latest copy of Audited Balance Sheet/C.A. Certificate (Fixed Assets+ Current Assets - Current Liabilities) so that the Consent fee (payable) by the industry may be verified.

12. Effective treatment for Fecal Coliform shall be provided so that Fecal Coliform, in treated effluent shall achieve the standard as per notification dated 13.10.2017 of MoEF&CC Govt. of India.

13. Laboratory shall be setup and maintained with trained staff for analysis of treated and untreated domestic effluent and maintain its record. Analysis report shall be submitted on weekly basis on the Board.

14. Solid waste shall be disposed in such a manner so that no air, water and soil pollution takes place.

15. The Orders issued by Hon'ble Courts/Hon'ble NGT, MOEF, Central Pollution Control Board, U.P. Pollution Control Board, shall be complied with.

16. Generated hazardous waste shall be stored temporarily in the factory premises and disposed of through authorized TSDF after obtaining the authorization from the Board.

17. The unit shall ensure for control of unpleasant odor spray the chemicals nearby the unit premises.

18. The unit shall ensure generation of sludge from sludge dying beds used in gardening.

19. The unit shall ensure to establish Miyawaki forest, as per the GO no. 1011/81-7-2021-09(writ)/2016 dated 13.10.2021 of Deptt. of Environment, forest and Climate Change.

20. Noise and emission level from the DG set installed of 250 KVA capacity shall remain within the prescribed norms.

21. Latest air monitoring report from any EPA recognized/NABL accredited laboratory must be submitted within 15 days.

22. Air monitoring report from any EPA recognized/NABL accredited laboratory must be submitted quarterly basis.

23. The unit shall comply with the provisions of Environment (Protection) Amendment, Rules 2018 notified by MoEF&CC by Notification no 49 Dt. 25-01-2018, Environment (Protection) Act 1986, Water (Prevention and Control of Pollution) Act, 1974 as amended, Air (Prevention and Control of Pollution) Act, 1981 as amended, Plastic Waste Management Rules 2016, E- Waste (Management) Rules 2016, Solid Waste Management Rules 2016 & Hazardous and other Waste (Management and Transboundary Movement) Rules 2016 (Whichever is applicable).

24. If closure order is issued by CPCB or UPPCB against the unit, this CTO will remain suspended during the closure period. After ensuring the compliance and after revocation of the closure order, the CTO will automatically be effective from the date of issuance of the closure revocation order with additional conditions mentioned in the closure revocation order.

RAM KARAN
Digitally signed by RAM KARAN
Date: 2024.01.21 17:46:27 +05'30'

Chief Environmental Officer,
Circle-5, UPPCB.

Copy to:

Regional Officer, UPPCB. Raebareli.

RAM KARAN
Digitally signed by RAM KARAN
Date: 2024.01.21 17:46:48 +05'30'

Chief Environmental Officer,
Circle-5, UPPCB.

मिशन LiFE - पर्यावरण के लिए जीवन शैली

(Lifestyle For Environment)

जनसहभागिता का सन्देश

- स्वच्छता – देशसेवा में अपने परिवेश की स्वच्छता हेतु अपना सक्रिय योगदान सुनिश्चित करें
- संकल्प लें -एकल उपयोग प्लास्टिक उत्पाद जैसे कप, तश्तरी, चम्मच, स्ट्रॉ, ईयरबड्स आदि का उपयोग न हो एवं पर्यावरण अनुकूल विकल्पों जैसे कागज/पत्तों से बने दोने या कटलरी को प्राथमिकता दी जाय |
- एकल उपयोग प्लास्टिक उत्पाद के प्रयोग को रोकने एवं प्लास्टिक बैग के बजाय कपड़े के थैले का उपयोग करने मात्र से 375 मिलियन टन ठोस (प्लास्टिक) कचरे का उत्सर्जन बचाया जा सकता है
- चक्रीय अर्थव्यवस्था (सर्कुलर इकोनॉमी) का समुचित कार्यान्वयन वर्ष 2030 तक लगभग 14 लाख करोड़ रुपये की अतिरिक्त बचत उत्पन्न कर सकता है | वेस्ट /अपशिष्ट फेकने के पूर्व सोचें, ये किसी का संसाधन तो नहीं ...?
- अनुपयोगी इलेक्ट्रिक / इलेक्ट्रॉनिक उत्पाद को कचरे में फेकने से रुकें | इसके उपयुक्त निस्तारण हेतु इसे प्राधिकृत ई – वेस्ट रीसाइकलर को दें | प्राधिकृत ई-रीसाइक्लिंग इकाई में अनुपयोगी इलेक्ट्रिक / इलेक्ट्रॉनिक उत्पाद को देने मात्र से 0.75 मिलियन टन तक ई-कचरे का पुनर्चक्रण किया जा सकता है एवं ई-कचरे के विषम पर्यावरणीय दुष्प्रभाव से बचा जा सकता है
- बाहर जाते समय - सोचें कि क्या आपको वास्तव में परिवहन की आवश्यकता है - वह भी क्या व्यक्तिगत रूप मे ? छोटी दूरी के लिए पैदल चलना पसंद करें, अथवा सम्भव हो तो कार पूल के रूप में संसाधन को साझा करें अथवा सार्वजनिक परिवहन पर विचार करें
- घरेलू स्तर पर कम से कम ठोस अपशिष्ट का उत्सर्जन करें और इनका प्रथाक्कीकरण करें
- उपयोगी शेष खाद्य सामग्री आपके स्वयं प्रयास अथवा निकटस्थ सक्रिय स्वयं सेवी संस्थाओं की सहायता से समाज के वंचित वर्ग तक पहुंचाई जा सकती है | वहीं अनुपयोगी भोजन /खाद्य सामग्री को कंपोस्ट (वर्मी कम्पोस्ट) करने से 15 अरब टन भोजन को नष्ट होने से बचाया जा सकता है
- ध्यान रखें - उपयुक्त नल और शावर के उपयोग से पानी की खपत को 30 - 40% तक कम किया जा सकता है। एवं उपयोग में न होने पर नलों को बंद रखने मात्र से 9 ट्रिलियन लीटर पानी बचाया जा सकता है
- ट्रैफिक लाइट/रेलवे क्रॉसिंग पर कार/स्कूटर के इंजन बंद करने मात्र से 22.5 बिलियन kWh तक ऊर्जा की बचत हो सकती है
- परम्परागत बल्ब के स्थान पर CFL का उपयोग बिजली की खपत में प्रभावी कमी लाते हैं | उपयोग में न होने पर बिजली उपकरणों को बंद करें | स्टार रेटेड विद्युत उपकरणों के उपयोग को प्राथमिकता दें

हमारे द्वारा अपनी जीवन शैली की प्राथमिकताओं का उचित और पर्यावरण अनुकूल पुनर्निर्धारण समाज और पर्यावरण के प्रति हमारा दायित्व है |

Annx-5

MPS Log Book for Month of 01/03/2024

SHIFT	TIME	Water Level	Time of power cut	Time of power come	Power factor	Voltage	Pump No. RSP-01 – 11-KW Start Time	RSP-01 Stop Time	RSP-01 Total Hours	RSP-01 Current (Amp.)	Pump No. RSP-02 – 11-KW Start Time	RSP-02 Stop Time	RSP-02 Total Hours	RSP-02 Current (Amp.)	Pump No. RSP-03 – 22-KW Start Time	RSP-03 Stop Time	RSP-03 Total Hours	RSP-03 Current (Amp.)	Pump No. RSP-04 – 22 KW Start Time	RSP-04 Stop Time	RSP-04 Total Hours	RSP-04 Current (Amp.)	Pump No. RSP-05 Start Time	RSP-05 Stop Time	RSP-05 Total Hours	RSP-05 Current (Amp.)	Pump No. RSP-06 Start Time	RSP-06 Stop Time	RSP-06 Total Hours	RSP-06 Current (Amp.)	M3/[illegible]
C-SHIFT	00AM-01AM				0.99	425	00:00	–		22																					224
	01AM-02AM				0.98	420		–		22																					219
	02AM-03AM				0.99	423		2:40	2:40	22																					22[illegible]
	03AM-04AM				0.98	420					3:00	–		22																	199
	04AM-05AM				0.99	423					–	–		21																	19[illegible]
	05AM-06AM				0.98	420					–	–		22																	197
A-SHIFT	06AM-07AM				0.99	419					–	6:55	3:55	21																	193
	07AM-08AM				0.98	415									7:00	–		40													39[illegible]
	08AM-09AM				0.99	420									–	–		40													39
	09AM-10AM				0.98	422									–	9:10	2:10	40													39
	10AM-11AM				0.98	422													10:00	–	–	40									39
	11AM-12AM				0.98	420													–	–		40									39[illegible]
	12PM-01PM				0.99	423													–	12:50	2:50	4.0									39
	01PM-02PM				0.98	421	1:00	–	–	22																					19[illegible]
B-SHIFT	02PM-03PM				0.99	422				21																					198
	03PM-04PM				0.98	423		3:50	2:50	22																					19[illegible]
	04PM-05PM				0.98	423					4:00	–		21																	20
	05PM-06PM				0.99	422					–	–		21																	20
	06PM-07PM				0.98	423					–	6:48	2:48	21																	20[illegible]
	07PM-08PM				0.99	420													7:00			40									39[illegible]
	08PM-09PM				0.98	419													–	–		40									399
	09PM-10PM				0.99	424													–	9:55	2:55	40									399
C-SHIFT	10PM-11PM				0.98	422	10:00	–		22																					22[illegible]
	11PM-12AM				0.99	425	–	11:40	1:40	22																					[illegible]
PUMPS RUNNING HOURS									7:10				6:43				2:10				5:45										

SHIFT	SHIFT INCHARGE	Name OPERATORS	Name HELPER/SWEEPERS	Flow Totalizer, MLD	REMARKS	SIGNATURE SHIFT INCHARGE	SIGNATURE PLANT MANAGER	SIGN/REMARKS BY CLIENT
A(06.00AM-02.00PM)	Shreesh Kumar (?)	[illegible]	Sanjeev	6.66 MLD		[signature]	CHEMECO ENGINEERS KANPUR DELHI [stamp]	[signature]
B(02.00PM-10.00PM)	Nagendra Singh	Anil Yadav	Ravi Kumar			[signature]		
C(10.00PM-06.00AM)	Om Prakash [illegible]	Shivam Singh (?)	Jaykaran			[signature]		

MPS Log Book for Month of 0-2-3-2024

TIME	Water Level	Time of power cut	Time of power come	Power Factor	Voltage	Pump No. RSP-01 (11-KW) Start Time	Stop Time	Total Hours	Current (Amp.)	Pump No. RSP-02 (11-KW) Start Time	Stop Time	Total Hours	Current (Amp.)	Pump No. RSP-03 (22-KW) Start Time	Stop Time	Total Hours	Current (Amp.)	Pump No. RSP-04 (22-KW) Start Time	Stop Time	Total Hours	Current (Amp.)	Pump No. RSP-05 Start Time	Stop Time	Total Hours	Current (Amp.)	Pump No. RSP-06 Start Time	Stop Time	Total Hours	Current (Amp.)	M3/..
00AM-01AM				0.99	424	00:00	–		22																					22
01AM-02AM				0.98	422	–	–		22																					22
02AM-03AM				0.99	45.0	–	–		22																					22
03AM-04AM				0.98	421	–	3:48	3:48	22																					219
04AM-05AM				0.99	421					4:00	–		21																	199
05AM-06AM				0.98	419					–	–		21																	19
06AM-07AM				0.99	420					–	6:40	2:40	21																	19
07AM-08AM				0.98	419									7:00	–		40													39
08AM-09AM				0.99	418									–	–		40													39
09AM-10AM				0.98	417									–			40													39
10AM-11AM				0.99	420									–	10:40	3:40	40													39
11AM-12AM				0.98	422	11:10	–	–	22																					19
12PM-01PM				0.98	421		–	–	21																					19
01PM-02PM				0.98	421		–	–	21																					18
02PM-03PM				0.98	421		2:20	3:10	21																					18
03PM-04PM				0.98	421					3:30	–	–	21																	196
04PM-05PM				0.99	421					–	–		21																	20
05PM-06PM		5:30	5:45	0.98	422					–	5:40	2:10	21																	20
06PM-07PM				0.99	420									6:00	–		40													39
07PM-08PM				0.98	425									–	–		40													39
08PM-09PM				0.99	420									–	–		40													39
09PM-10PM				0.98	421									–	9:50	3:50	40													39
10PM-11PM				0.99	422	10:00	–																							19
11PM-12AM				0.98	420	–	11:55	1:55																						19
PS RUNNING HOURS								8:53				4:50				7:30														

SHIFT	SHIFT INCHARGE	Name OPERATORS	Name HELPER/SWEEPERS	Flow Totallizer, MLD	REMARKS	SIGNATURE SHIFT INCHARGE	SIGNATURE PLANT MANAGER	SIGN/REMARKS BY CLIENT
(06AM-02.00PM)	Nagendra Singh	Jamil Khan	Sanjeev Kumar	0.24 MLD		[signature]		[signature]
(02PM-10.00PM)	Shrawan Kumar	Anil Yadav	Jaykaran			[signature]	[stamp: ... ENGINEERS KANPUR DELHI]	
(10PM-06.00AM)	Om Prakash	Shivam Singh	Ravi Kumar			[signature]		

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MPS Log Book for Month of 3-3-2024

SHIFT	TIME	Water Level	Time of power cut	Time of power come	Power Factor	Voltage	RSP-01 (11 KW) Start Time	RSP-01 Stop Time	RSP-01 Total Hours	RSP-01 Current (Amp.)	RSP-02 (11 KW) Start Time	RSP-02 Stop Time	RSP-02 Total Hours	RSP-02 Current (Amp.)	RSP-03 (22 KW) Start Time	RSP-03 Stop Time	RSP-03 Total Hours	RSP-03 Current (Amp.)	RSP-04 (22 KW) Start Time	RSP-04 Stop Time	RSP-04 Total Hours	RSP-04 Current (Amp.)	RSP-05 Start Time	RSP-05 Stop Time	RSP-05 Total Hours	RSP-05 Current (Amp.)	RSP-06 Start Time	RSP-06 Stop Time	RSP-06 Total Hours	RSP-06 Current (Amp.)
C-SHIFT	00AM-01AM				0.99	424	00:10			22																				
	01AM-02AM				0.98	420		-		22																				
	02AM-03AM				0.99	422		2:40	2.30	22																				
	03AM-04AM				0.98	421					3:00	-		21																
	04AM-05AM				0.99	422					-	-		21																
	05AM-06AM				0.98	420					-	-		21																
A-SHIFT	06AM-07AM				0.99	421					-	6:50	3:50	21																
	07AM-08AM				0.98	424									7:10	-		40												
	08AM-09AM				0.99	419									-	-		40												
	09AM-10AM				0.98	423									-	9:40	2:30	40												
	10AM-11AM				0.99	420					10:15	-		21																
	11AM-12AM				0.98	421					-	-		21																
	12PM-01PM				0.99	420					-	12:50	2:35	21																
	01PM-02PM				0.98	419									1:00	-		40												
B-SHIFT	02PM-03PM				0.99	421									-	-		40												
	03PM-04PM				0.98	423									-	3:45	2:45	40												
	04PM-05PM				0.99	420	4:10	-		22																				
	05PM-06PM				0.98	419				22																				
	06PM-07PM				0.99	422				22																				
	07PM-08PM				0.98	420		7:50	3:40	22																				
	08PM-09PM				0.98	425					8:00	-		21																
	09PM-10PM				0.99	423					-	-		21																
C-SHIFT	10PM-11PM				0.98	425					-	-		21																
	11PM-12AM				0.99	424					-	11:40	3:40	21																
PUMPS RUNNING HOURS									6:10				10:05				5:15													

SHIFT	SHIFT INCHARGE	Name OPERATORS	Name HELPER/SWEEPERS	Flow Totalizer, MLD	REMARKS	SIGNATURE SHIFT INCHARGE	SIGNATURE PLANT MANAGER	SIGN/REMARKS BY CLIENT
A(06:00AM-02:00PM)	Dharmendra Kumar	Jamil Khan	Ravi Kumar	6.18 MLD		[signature]	CHEM ECO ENGINEERS KANPUR	
B(02:00PM-10:00PM)	Nagendra Singh	Raj Yadav	Sanjeev Kumar			[signature]		
C(10:00PM-06:00AM)	Om Prakash	Shivam Singh	Jay Kumar			[signature]		

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MPS Log Book for Month of 4-3-2024

TIME	Water Level	Time of power cut	Time of power come	Power Factor	Voltage	Pump No. RSP-01 – 11 – KW Start Time	Stop Time	Total Hours	Current (Amp.)	Pump No. RSP-02 – 11 – KW Start Time	Stop Time	Total Hours	Current (Amp.)	Pump No. RSP-03 – 22 – KW Start Time	Stop Time	Total Hours	Current (Amp.)	Pump No. RSP-04 Start Time	Stop Time	Total Hours	Current (Amp.)	Pump No. RSP-05 Start Time	Stop Time	Total Hours	Current (Amp.)	Pump No. RSP-06 Start Time	Stop Time	Total Hours	Current (Amp.)	M3/Hr
00AM-01AM				0.99	420	00:10	–		22																					215
01AM-02AM				0.98	415	–	–		22																					222
02AM-03AM				0.99	414	–	2:50	2:30	22																					220
03AM-04AM				0.98	420					3:10	–		21																	199
04AM-05AM				0.99	419					–	–		21																	196
05AM-06AM				0.96	424					–	5:40	2:30	21																	194
06AM-07AM				0.99	423									6:00	–		40													399
07AM-08AM				0.98	420									–	–		40													396
08AM-09AM				0.99	422									–	–		40													398
09AM-10AM				0.98	421									–	9:40	3:40	40													399
10AM-11AM				0.99	421	10:00	–	–	21																					212
11AM-12AM				0.99	421	–	–	–	22																					212
12PM-01PM				0.98	422	–	–		22																					214
01PM-02PM				0.99	421	–	1:50	3:50	21																					213
02PM-03PM				0.98	421					2:10	–	–	21																	208
03PM-04PM				0.96	421					–	–	–	21																	198
04PM-05PM				0.98	422					–	4:50	2:40	21																	198
05PM-06PM				0.99	422									5:00	–		40													399
06PM-07PM				0.98	420									–	–		40													397
07PM-08PM				0.99	423									–	–		40													395
08PM-09PM				0.98	420									–	8:40	3:40	40													390
09PM-10PM				0.99	424	9:10	–		22																					222
10PM-11PM				0.98	422	–			22																					219
11PM-12AM				0.99	415	–	11:40	2:30	22																					220
RUNNING HOURS								8:50				5:10				7:20														

	SHIFT INCHARGE	Name OPERATORS	Name HELPER/SWEEPERS	Flow Totalizer, MLD	REMARKS	SIGNATURE SHIFT INCHARGE	SIGNATURE PLANT MANAGER	SIGN/REMARKS BY CLIENT
(06AM-02:00PM)	Nagendra Singh	Javid Khan	Jaykaran	6.54 MLD		[signature]	CHEM ECO ENGINEERS KANPUR	
(02PM-10:00PM)	Ghanshyam Kumar	Shivam Singh	Sanjeev Kumar			[signature]		
(10PM-06:00AM)	Om Prakash Shukla	Anil Yadav	Pawan Kumar			[signature]		

MPS Log Book for Month of 5-3-2024

SHIFT	TIME	Water Level	Time of power cut	Time of power come	Power Factor	Voltage	RSP-01 Start Time	RSP-01 Stop Time	RSP-01 Total Hours	RSP-01 Current (Amp.)	RSP-02 Start Time	RSP-02 Stop Time	RSP-02 Total Hours	RSP-02 Current (Amp.)	RSP-03 Start Time	RSP-03 Stop Time	RSP-03 Total Hours	RSP-03 Current (Amp.)	RSP-04 Start Time	RSP-04 Stop Time	RSP-04 Total Hours	RSP-04 Current (Amp.)	RSP-05 Start Time	RSP-05 Stop Time	RSP-05 Total Hours	RSP-05 Current (Amp.)	RSP-06 Start Time	RSP-06 Stop Time	RSP-06 Total Hours	RSP-06 Current (Amp.)	M3/Hr
C-SHIFT	00AM-01AM				0.93	424	[illegible]			21																					197
	01AM-02AM				0.96	421		–		21																					196
	02AM-03AM				0.99	423		2:40	2:30	21																					199
	03AM-04AM				0.95	425					3:00	–		22																	220
	04AM-05AM				0.99	419					–	–		22																	222
	05AM-06AM				0.96	425					–	–		22																	224
A-SHIFT	06AM-07AM				0.99	425					–	6:50	3:50	22																	221
	07AM-08AM				0.98	425				22																					196
	08AM-09AM				0.99	455	–	–		21																					194
	09AM-10AM				0.98	424	–	9:30	2:20	21																					191
	10AM-11AM				0.99	415									10:00	–		40													399
	11AM-12AM				0.98	424									–	–		40													397
	12PM-01PM				0.99	420									–	12:40	2:40	40													394
	01PM-02PM				0.99	421					1:00	–		22																	225
B-SHIFT	02PM-03PM				0.98	421					–	–		22																	225
	03PM-04PM				0.99	420					–	–		21																	218
	04PM-05PM				0.99	420					–	4:55	3:55	22																	217
	05PM-06PM				0.94	418									5:10	–		40													398
	06PM-07PM				0.93	421									–	–		40													398
	07PM-08PM				0.98	425									–	–		40													399
	08PM-09PM				0.99	420										8:50	3:30	40													397
	09PM-10PM				0.98	422	9:00	–		21																					199
C-SHIFT	10PM-11PM				0.99	419	–	–		21																					197
	11PM-12AM				0.98	424		11:45	2:45	21																					194
PUMPS RUNNING HOURS									7:35				7:45				6:10														

SHIFT	SHIFT INCHARGE	OPERATORS (Name)	HELPER/SWEEPERS (Name)	Flow Totalizer, MLD	REMARKS	SIGNATURE – SHIFT INCHARGE	SIGNATURE – PLANT MANAGER	SIGN/REMARKS BY CLIENT
A(06.00AM-02.00PM)	Shravan Kumar	Jamil Khan	Sanjeev Kumar			[signature]		
B(02.00PM-10:00PM)	Nagendra	Shivam Singh	Sanjeev Kumar	6.31 MLD		[signature]	CHEM ECO ENGINEERS KANPUR	
C(10.00PM-06.00AM)	Om Prakash Singh	[illegible] Yadav	Ravi Kumar			[signature]	[signature]	

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MPS Log Book for Month of 6-3-2024

Time	Water Level	Time of power cut	Time of power come	Power Factor	Voltage	RSP-01 (11-KW) Start Time	RSP-01 Stop Time	RSP-01 Total Hours	RSP-01 Current (Amp.)	RSP-02 (11-KW) Start Time	RSP-02 Stop Time	RSP-02 Total Hours	RSP-02 Current (Amp.)	RSP-03 (22-KW) Start Time	RSP-03 Stop Time	RSP-03 Total Hours	RSP-03 Current (Amp.)	RSP-04 Start Time	RSP-04 Stop Time	RSP-04 Total Hours	RSP-04 Current (Amp.)	RSP-05 Start Time	RSP-05 Stop Time	RSP-05 Total Hours	RSP-05 Current (Amp.)	RSP-06 Start Time	RSP-06 Stop Time	RSP-06 Total Hours	RSP-06 Current (Amp.)	M3/Hr
1AM				0.99	424	00:1[illegible]	–		22																					233
2AM				0.98	423	–	–		22																					231
3AM				0.99	420	–	2:50	2:30	22																					230
4AM				0.98	421					3:00	–		21																	201
5AM				0.99	419					–	–		21																	209
6AM				0.98	418					–	–		21																	207
7AM				0.99	422					–	6:35	3:35	21																	209
8AM				0.98	424									7:00	–		40													399
9AM				0.99	425									–			40													398
10AM				0.98	421									–	9:50	2:50	40													396
11AM				0.98	421	10:10	–		22																					212
12AM				0.99	422	–	–		22																					214
1PM				0.98	422	–	12:40	2:30	22																					214
2PM				0.99	421									01:00	–		40													398
3PM				0.99	422									–	02:50	01:50	40													398
4PM				0.98	422					03:00	–		21																	216
5PM				0.98	421					–			21																	218
6PM				0.99	421					–	5:45	2:45	21																	217
7PM				0.98	422									6:10	–		40													398
8PM				0.99	425									–	–		40													397
9PM				0.98	420									–	–		40													396
10PM				0.99	421									–	9:50	3:40	40													394
11PM				0.98	423	10:[illegible]	–		22																					225
12AM				0.98	424	–	11:35	1:35	22																					221
PUMPING HOURS								6:35				6:20				8:20														

Sd/- E.O. 2/3/24

Shift	SHIFT INCHARGE	Name OPERATORS	Name HELPER/SWEEPERS	Flow Totalizer, MLD	REMARKS	SIGNATURE SHIFT INCHARGE	SIGNATURE PLANT MANAGER	SIGN/REMARKS BY CLIENT
(…PM)	Nagendra	Zamil Khan	Ravikumar	6.83 MLD		[signature]		
(…PM)	Dharmendra Kumar	Shivam Singh	Ranjeet Kumar			[signature]		
(…AM)	Om Prakash	Anil Yadav	Jaykaran			[signature]	CHEM ECO ENGINEERS KANPUR [stamp]	

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MPS Log Book for Month of 7-3-2024

SHIFT	TIME	Water Level	Time of power cut	Time of power come	Power Factor	Voltage	Pump No. RSP-01 — 11-Kw				Pump No. RSP-02 — 11-Kw				Pump No. RSP-03 — 22-Kw				Pump No. RSP-04				Pump No. RSP-05				Pump No. RSP-06				M3H
							Start Time	Stop Time	Total Hours	Current (Amp.)	Start Time	Stop Time	Total Hours	Current (Amp.)	Start Time	Stop Time	Total Hours	Current (Amp.)	Start Time	Stop Time	Total Hours	Current (Amp.)	Start Time	Stop Time	Total Hours	Current (Amp.)	Start Time	Stop Time	Total Hours	Current (Amp.)	
C-SHIFT	00AM-01AM				0.98	424	10:00			21																				199
	01AM-02AM				0.99	421				21																				196
	02AM-03AM				0.98	422		2:45	2:45	21																				197
	03AM-04AM				0.99	420					9:00	—	—	22																424
	04AM-05AM				0.98	425					—	—	—	22																225
	05AM-06AM				0.99	423					—	5:55	2:55	22																228
A-SHIFT	06AM-07AM				0.99	425									6:10	—		40												038
	07AM-08AM				0.99	424									—	—		40												397
	08AM-09AM				0.98	419									—	—		40												395
	09AM-10AM				0.99	420									—	9:40	03:30	40												356
	10AM-11AM				0.98	420	10:00	—		21																				211
	11AM-12AM				0.99	419	—	—		21																				198
	12PM-01PM				0.99	418	—	12:50	02:50	21																				197
	01PM-02PM				0.99	421					1:05	—		21																210
B-SHIFT	02PM-03PM				0.98	420					—	2:55	01:50	21																212
	03PM-04PM				0.98	421									03:10	—		40												411
	04PM-05PM				0.98	421									—	—		40												412
	05PM-06PM				0.98	420									—	5:45	2:35	40												405
	06PM-07PM				0.98	420				21																				208
	07PM-08PM				0.98	421				21																				222
	08PM-09PM				0.98	421		8:30	2:45	21																				218
	09PM-10PM				0.98	420									9:10	—		40												422
C-SHIFT	10PM-11PM				0.98	418									—	—		40												425
	11PM-12AM				0.98	421									—	11:40	2:30	40												421
PUMPS RUNNING HOURS									8:20				4:45				8:35													

SHIFT	SHIFT INCHARGE	Name OPERATORS	Name HELPER/SWEEPERS	Flow Totallizer, MLD	REMARKS	SIGNATURE SHIFT INCHARGE	SIGNATURE PLANT MANAGER	SIGN/REMARKS BY CLIENT
A(06:00AM-02:00PM)	Bhagwan Kumar	Daniel Thon	Jaykaran	4.01 MLD			CHEMECO ENGINEERS KANPUR	
B(02:00PM-10:00PM)	Nagendra Singh / Shivam Singh		Sanjeev Kumar					
C(10:00PM-06:00AM)	Ram Prakash / Anil Singh		Ranil Kumar					

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MPS Log Book for Month of 8-03-2024

TIME	Water Level	Time of power cut	Time of power come	Power Factor	Voltage	Pump No. RSP-01 - 11 KW Start Time	Stop Time	Total Hours	Current (Amp.)	Pump No. RSP-02 11 KW Start Time	Stop Time	Total Hours	Current (Amp.)	Pump No. RSP-03 - 23 KW Start Time	Stop Time	Total Hours	Current (Amp.)	Pump No. RSP-04 Start Time	Stop Time	Total Hours	Current (Amp.)	Pump No. RSP-05 Start Time	Stop Time	Total Hours	Current (Amp.)	Pump No. RSP-06 Start Time	Stop Time	Total Hours	Current (Amp.)	M3/Hr
00AM-01AM				0.98	421	00:10	-		21																					201
01AM-02AM				0.98	421	-	-		21																					205
02AM-03AM				0.98	420	-	-		21																					204
03AM-04AM				0.98	419	-	3:45	3:35	21																					198
04AM-05AM				0.98	421									4:05	-		40													421
05AM-06AM				0.98	420									-	-		40													418
06AM-07AM				0.98	421									-	6:55	2:50	40													412
07AM-08AM				0.98	420					7:05	-		22																	222
08AM-09AM				0.98	420					-	-		22																	232
09AM-10AM				0.98	421					-	9:55	2:50	22																	218
10AM-11AM				0.98	421									10:00	-		40													421
11AM-12AM				0.99	420									-	-		40													412
12PM-01PM				0.98	421									-	12:50	2:50	40													422
01PM-02PM				0.99	422	1:00	-	-	21																					205
02PM-03PM				0.98	423	-	-		22																					204
03PM-04PM				0.99	423	-	3:50	2:50	21																					204
04PM-05PM				0.98	420									4:00	-	-	40													420
05PM-06PM				0.99	421									-	-		40													421
06PM-07PM				0.98	422									-	6:55	2:55	40													418
07PM-08PM				0.99	421					7:05	-		22																	201
08PM-09PM				0.98	420					-	8:45	1:40	22																	198
09PM-10PM				0.98	421	9:00	-		21																					211
10PM-11PM				0.98	420	-	-		21																					212
11PM-12AM				0.99	421	-	11:55	2:55	21																					218
PUMPS RUNNING HOURS								9:20				4:30				8:35														

SHIFT	SHIFT INCHARGE	Name OPERATORS	Name HELPER/SWEEPERS	Flow Totallizer, MLD	REMARKS	SIGNATURE SHIFT INCHARGE	SIGNATURE PLANT MANAGER	SIGN/REMARKS BY CLIENT
A(06:00AM-02:00PM)	Dhaneank	Shiram Singh	Sanjeev Kumar	6.89 MLD		[signature]	CHEM CO ENGINEERS KANPUR DELHI [stamp]	
B(02:00PM-10:00PM)	Nagendra	Anil Yadav	Ravi Kumar			[signature]		
C(10:00PM-06:00AM)	Prakash Singh		Jaykaran			[signature]		

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MPS Log Book for Month of 9/March/2024

SHIFT	TIME	Water Level	Time of power cut	Time of power come	Power Factor	Voltage	Pump No. RSP-01 11 KW Start Time	Stop Time	Total Hours	Current (Amp.)	Pump No. RSP-02 11 KW Start Time	Stop Time	Total Hours	Current (Amp.)	Pump No. RSP-03 22 KW Start Time	Stop Time	Total Hours	Current (Amp.)	Pump No. RSP-04 Start Time	Stop Time	Total Hours	Current (Amp.)	Pump No. RSP-05 Start Time	Stop Time	Total Hours	Current (Amp.)	Pump No. RSP-06 Start Time	Stop Time	Total Hours	Current (Amp.)	M3/Hr
C-SHIFT	00AM-01AM				.99	421	20:15	-		21																					211
	01AM-02AM				0.98	420		-		21																					212
	02AM-03AM				0.98	420		2:35	2:40	21																					209
	03AM-04AM				0.99	421									3:05	-		40													421
	04AM-05AM				0.99	421									-	-		40													418
	05AM-06AM				0.98	422									-	5:50	2:45	40													411
A-SHIFT	06AM-07AM				0.98	421					6:00	-		22																	201
	07AM-08AM				0.99	420					-	-		22																	198
	08AM-09AM				0.98	421					-	8:45	2:45	22																	196
	09AM-10AM				0.99	421	9:05	-		22																					211
	10AM-11AM				0.99	420	-			22																					218
	11AM-12AM				0.98	421	-	11:50	2:45	21																					220
	12PM-01PM				0.99	421									12:00	-	-	40													411
	01PM-02PM				0.98	413									-	-		40													408
B-SHIFT	02PM-03PM				0.98	421									-	2:55	2:55	40													401
	03PM-04PM				0.98	421					3:05	-		21																	201
	04PM-05PM				0.98	420					-	4:55	1:50	21																	198
	05PM-06PM				0.99	421	5:05	-		21																					211
	06PM-07PM				0.99	420		-		21																					212
	07PM-08PM				0.98	421		7:45	2:40	21																					201
	08PM-09PM				0.99	422									8:00	-	-	40													411
	09PM-10PM				0.98	421									-	-	-	40													418
C-SHIFT	10PM-11PM				0.98	418									-	-	-	40													412
	11PM-12AM				0.99	421									-	11:50	3:50	40													400
PUMPS RUNNING HOURS									8:05				4:35				9:30														

SHIFT	SHIFT INCHARGE	Name OPERATORS	Name HELPER/SWEEPERS	Flow Totalizer, MLD	REMARKS	SIGNATURE SHIFT INCHARGE	SIGNATURE PLANT MANAGER	SIGN/REMARKS BY CLIENT
A(06:00AM-02:00PM)	Shravan Kumar	Shivam Singh	Saurabh Kumar	7.01 MLD		[signature]	[stamp: CHEM ECO ENGINEERS KANPUR]	
B(02:00PM-10:00PM)	Hagendra Singh	Anil Yadav	Jay Karan Kumar			[signature]		
C(10:00PM-06:00AM)	Om Prakash Singh	Ravi Kumar	Ravi Kumar			[signature]		

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MPS Log Book for Month of 10/MARCH/2024

TIME	Water Level	Time of power cut	Time of power come	Power Factor	Voltage	Pump No. RSP-01 11 KW Start Time	Stop Time	Total Hours	Current (Amp.)	Pump No. RSP-02 11 KW Start Time	Stop Time	Total Hours	Current (Amp.)	Pump No. RSP-03 22 KW Start Time	Stop Time	Total Hours	Current (Amp.)	Pump No. RSP-04 Start Time	Stop Time	Total Hours	Current (Amp.)	Pump No. RSP-05 Start Time	Stop Time	Total Hours	Current (Amp.)	Pump No. RSP-06 Start Time	Stop Time	Total Hours	Current (Amp.)	M3/Hr
00AM-01AM				0.98	421	01:20	-	-	21																					221
01AM-02AM				0.96	420	-	-	-	21																					218
02AM-03AM				0.99	421	-	2:40	2:20	21																					211
03AM-04AM				0.99	422					3:00	-		22																	208
04AM-05AM				0.96	420					-	-		22																	212
05AM-06AM				0.99	420					-	5:55	2:55	22																	201
06AM-07AM				0.98	421									6:05	-	-	40													421
07AM-08AM				0.98	420									-	-	-	40													118
08AM-09AM				0.98	421									-	8:55	2:50	40													111
09AM-10AM				0.99	420	9:00	-	-	21																					221
10AM-11AM				0.99	421	-	-		22																					220
11AM-12AM				0.98	421	-	11:50	2:50	21																					212
12PM-01PM				0.99	421					12:00	-	-	21																	120
01PM-02PM				0.98	421					-	-		22																	121
02PM-03PM				0.98	421					-	2:50	2:50	22																	211
03PM-04PM				0.99	423									3:00	-	-	40													121
04PM-05PM				0.98	421									-	-	-	40													118
05PM-06PM				0.99	422									-	5:55	2:55	40													120
06PM-07PM				0.98	421					6:00	-	-	21																	198
07PM-08PM				0.98	420					-	-		21																	199
08PM-09PM				0.98	421					-	8:55	2:55	22																	196
09PM-10PM				0.98	420									9:05	-	-	40													421
10PM-11PM				0.98	421									-	-		40													420
11PM-12AM				0.98	422									-	11:55	2:50	40					Sen 10/5/2024								421
MPS RUNNING HOURS								5:10				8:40				8:35														

SHIFT	SHIFT INCHARGE (Name)	OPERATORS (Name)	HELPER/SWEEPERS (Name)	Flow Totalizer, MLD	REMARKS	SIGNATURE SHIFT INCHARGE	SIGNATURE PLANT MANAGER	SIGN/REMARKS BY CLIENT
(06:00AM-02:00PM)	Shravankumar	Shiram Singh	Sanjeev kumar	6.94 MLD		[signature]	CHEM ECO ENGINEERS KANPUR DELHI	
(02:00PM-10:00PM)	Om Prakash	Anil yadav	Jaykaran kumar			[signature]		
(10:00PM-06:00AM)	Nagendra	Sanjeev	Ravi Kumar			[signature]		

MPS Log Book for Month of 11/MARCH/2024

SHIFT	TIME	Water Level	Time of power cut	Time of power come	Power Factor	Voltage	Pump No. RSP-01 11 KW Start Time	Stop Time	Total Hours	Current (Amp.)	Pump No. RSP-02 11 KW Start Time	Stop Time	Total Hours	Current (Amp.)	Pump No. RSP-03 22 KW Start Time	Stop Time	Total Hours	Current (Amp.)	Pump No. RSP-04 Start Time	Stop Time	Total Hours	Current (Amp.)	Pump No. RSP-05 Start Time	Stop Time	Total Hours	Current (Amp.)	Pump No. RSP-06 Start Time	Stop Time	Total Hours	Current (Amp.)	M3/H
C-SHIFT	00AM-01AM				0·98	421	00:05	-	-	21																					221
	01AM-02AM				0·99	422				22																					222
	02AM-03AM				0·98	420		2:45	2:40	22																					218
	03AM-04AM				0·98	421					3:00	-	-	22																	211
	04AM-05AM				0·98	421					-	-	-	22																	206
	05AM-06AM				0·98	421					-	5:50	2:50	22																	208
A-SHIFT	06AM-07AM				0·98	420									6:00	-	-	40													422
	07AM-08AM				0·98	421									-	-	-	40													418
	08AM-09AM				0·99	421									-	8:55	8:55	40													411
	09AM-10AM				0·98	420					9:00	-	-	21																	211
	10AM-11AM				0·99	420					-			21																	208
	11AM-12AM				0·98	421					-	11:45	2:45	22																	208
	12PM-01PM				0·98	420									12:00	-	-	40													411
	01PM-02PM				0·99	421									-	-	-	40													410
B-SHIFT	02PM-03PM				0·99	420									-	2:50	2:50	40													402
	03PM-04PM				0·99	421	3:00	-	-	21																					221
	04PM-05PM				0·98	420	-	-	-	21																					222
	05PM-06PM				0·99	420		5:55	2:55	22																					216
	06PM-07PM				0·98	421									6:05	-	-	40													421
	07PM-08PM				0·99	420									-	-	-	40													422
	08PM-09PM				0·99	421									-	8:45	2:40	40													411
	09PM-10PM				0·98	422					9:00	-	-	21																	218
C-SHIFT	10PM-11PM				0·99	421					-	-	-	21																	211
	11PM-12AM				0·98	421					-	11:55	2:55	21																	201
PUMPS RUNNING HOURS									5:35				8:30				8:25													

SHIFT	SHIFT INCHARGE	Name OPERATORS	Name HELPER/SWEEPERS	Flow Totalizer, MLD	REMARKS	SIGNATURE SHIFT INCHARGE	SIGNATURE PLANT MANAGER	SIGN/REMARKS BY CLIENT
A(06:00AM-02:00PM)	Shaivank Kumar	Shivam Singh	Sanjeer Kumar	6:99 MLD				
B(02:00PM-10:00PM)	Nagendra Singh	Anil Yadav	Tarkam Kumar					
C(10:00PM-06:00AM)	Om Prakash Ashish Tiwari		Ravi Kumar					

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MPS Log Book for Month of 12/MARCH/2024

TIME	Water Level	Time of power cut	Time of power come	Power Factor	Voltage	Pump No. RSP-01 (44 KW) Start Time	Stop Time	Total Hours	Current (Amp.)	Pump No. RSP-02 (44 KW) Start Time	Stop Time	Total Hours	Current (Amp	Pump No. RSP-03 (22 KW) Start Time	Stop Time	Total Hours	Current (Amp.)	Pump N Start Time	Stop Time	P-04 Total ours	P-04 Current (Amp.)	Pump No. RSP-05 Start Time	Stop Time	Total Hours	Current (Amp.)	Pump No. RSP-06 Start Time	Stop Time	Total Hours	Current (Amp.)	M3/Hr
00AM-01AM				0·99	421	00:10	–	–	21																					221
01AM-02AM				0·98	420	–	–	–	21																					220
02AM-03AM				0·99	418	–	2:50	2:40	21																					211
03AM-04AM				0·98	422									3:00	–	–	41													411
04AM-05AM				0·99	423									–	–	–	41													408
05AM-06AM				0·98	424									–	5:55	2:55	41													401
06AM-07AM				0·98	422					6:05	–	–	22																	211
07AM-08AM				0·99	418					–	–	–	22																	210
08AM-09AM				0·98	420					–	8:55	2:50	22																	208
09AM-10AM				0·98	421									9:05	–	–	41													411
10AM-11AM				0·99	420									–	10:55	1:50	41													410
11AM-12AM				0·98	421	11:00	–	–	21																					198
12PM-01PM				0·98	421	–	–	–	21																					206
01PM-02PM				0·98	420	–	–	–	21																					206
02PM-03PM				0·99	418	–	2:55	3:55	21																					210
03PM-04PM				0·98	418					3:05	–	–	22																	201
04PM-05PM				0·99	420					–	–	–	22																	198
05PM-06PM				0·98	421					–	5:45	2:40	22																	199
06PM-07PM				0·98	422									6:10	–	–	41													410
07PM-08PM				0·99	421									–	–	–	41													408
08PM-09PM				0·98	420									–	8:45	2:35	41													409
09PM-10PM				0·99	418	9:05	–	–	21																					211
10PM-11PM				0·98	421	–	–	–	21																					222
11PM-12AM				0·98	420	–	11:50	2:45	21																					201
PS RUNNING HOURS								9:20				5:30				7:20														

FT	SHIFT INCHARGE	Name OPERATORS	Name HELPER/SWEEPERS	Flow totallizer, MLD	REMARKS
5:00AM-02:00PM)	Magendra Singh	Shivam Singh	Sanjeev Kumar	6 MLD	
2:00PM-10:00PM)	Shrawan Kumar Paul	Yadav	Jay Narain Nirmal		
10:00PM-05:00AM)	Omprakash Jamal	Ichak	Ravi Kumar		

SIGNATURE		SIGN/REMARKS
SHIFT INCHARGE	PLANT MANAGER	BY CLIENT
	CHEMICO ENGINEERS KANPUR DELHI	

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MPS Log Book for Month of 13/MARCH/2024

SHIFT	TIME	Water Level	Time of power cut	Time of power come	Power Factor	Voltage	Pump No. RSP-01 77 KW Start Time	Stop Time	Total Hours	Current (Amp.)	Pump No. RSP-02 77 KW Start Time	Stop Time	Total Hours	Current (Amp.)	Pump No. RSP-03 22 KW Start Time	Stop Time	Total Hours	Current (Amp.)	Pump No. RSP-04 22 KW Start Time	Stop Time	Total Hours	Current (Amp.)	Pump No. RSP-05 Start Time	Stop Time	Total Hours	Current (Amp.)	Pump No. RSP-06 Start Time	Stop Time	Total Hours	Current (Amp.)	M3/hr
C-SHIFT	00AM-01AM				0.98	421	12:25	-	-	21																					211
	01AM-02AM				0.99	422	-	-	-	21																					210
	02AM-03AM				0.98	422	-	2:45	2:20	21																					208
	03AM-04AM				0.98	420					3:05	-	-	22																	198
	04AM-05AM				0.99	418					-	-	-	22																	201
	05AM-06AM				0.98	426					-	5:35	2:30	22																	201
A-SHIFT	06AM-07AM				0.98	421									6:15	-	-	41													401
	07AM-08AM				0.99	420									-	-	-	41													405
	08AM-09AM				0.99	421									-	8:55	2:40	41													401
	09AM-10AM				0.99	418	9:10	-	-	21																					221
	10AM-11AM				0.98	421	-	-	-	21																					218
	11AM-12AM				0.98	420	-	11:50	2:40	21																					412
	12PM-01PM				0.98	421									12:05	-	-	40													418
	01PM-02PM				0.97	420									-	-	-	40													420
B-SHIFT	02PM-03PM		2:30	-	0.98	421										2:30	2:25	40													182
	03PM-04PM		-	-	0.98	422	3:50	-	-	21																					171
	04PM-05PM		-	4:45	0.99	420	-	-		22																					220
	05PM-06PM				0.98	421		5:50	2:50	21																					217
	06PM-07PM				0.98	421					6:05	-	-	21																	217
	07PM-08PM				0.98	421					-	-	-	21																	215
	08PM-09PM		-		0.99	420					-	8:55	2:50	21																	408
	09PM-10PM		9:15	9:55	0.99	421													9:00	-	-	41									408
C-SHIFT	10PM-11PM				0.98	421													-	-	-	41									406
	11PM-12AM				0.98	421													-	11:50	2:50	41									
PUMPS RUNNING HOURS									7:50				5:20				5:05				2:50										

SHIFT	SHIFT INCHARGE	Name OPERATORS	Name HELPER/SWEEPERS	Flow Totalizer, MLD	REMARKS	SIGNATURE SHIFT INCHARGE	SIGNATURE PLANT MANAGER	SIGN/REMARKS BY CLIENT
A(06:00AM-02:00PM)	Dhruv Kumar	Shivam Singh	Sameer Kumar	6.78 MLD		[signature]	[stamp: CHEM ECO ENGINEERS KANPUR]	
B(02:00PM-10:00PM)	Nagendra Singh	Jamil Khan	Jaykaran			[signature]		
C(10:00PM-06:00AM)	Omprakash Singh	Sanjeev Kumar	Ajay			[signature]		

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MPS Log Book for Month of 14 MARCH 2024

TIME	Water Level	Time of power cut	Time of power come	Power Factor	Voltage	Pump No. RSP-01 11-KW				Pump No. RSP-02 11-KW				Pump No. RSP-03 22-KW				Pump No. RSP-04 22-KW				Pump No. RSP-05				Pump No. RSP-06				M3/Hr
						Start Time	Stop Time	Total Hours	Current (Amp.)	Start Time	Stop Time	Total Hours	Current (Amp.)	Start Time	Stop Time	Total Hours	Current (Amp.)	Start Time	Stop Time	Total Hours	Current (Amp.)	Start Time	Stop Time	Total Hours	Current (Amp.)	Start Time	Stop Time	Total Hours	Current (Amp.)	
00AM-01AM				0.99	422	00:00	-	-	21																					218
01AM-02AM				0.99	422	-	-	-	21																					217
02AM-03AM				0.98	421	-	2:50	2:50	22																					215
03AM-04AM				0.99	421					3:10	-	-	21																	201
04AM-05AM				0.98	421					-	-	-	21																	203
05AM-06AM				0.99	422					-	5:50	2:40	21																	200
06AM-07AM				0.98	422													06:00	-	-	40									408
07AM-08AM				0.98	421													-	-	-	41									413
08AM-09AM				0.98	421													-	8:55	2:55	41									416
09AM-10AM		9:30	-	0.98	421									9:10	-		41													410
10AM-11AM		-	-	0.99	422									-	-		41													418
11AM-12AM		-	11:00	0.98	422									-	11:50	2:40	41													418
12PM-01PM				0.99	421													12:[illegible]	-	-	40									419
01PM-02PM				0.98	422													-			40									418
02PM-03PM				0.99	421													-	2:50	2:50	40									417
03PM-04PM				0.99	422	3:10	-	-	21																					216
04PM-05PM				0.99	421	-	-	-	21																					213
05PM-06PM				0.98	424	-	5:50	2:40	21																					217
06PM-07PM				0.99	425					6:05	-		21																	201
07PM-08PM				0.98	421					-	-		21																	205
08PM-09PM				0.99	422					-	8:45	2:40	21																	203
09PM-10PM				0.98	420									9:00	-		41													413
10PM-11PM				0.99	422									-	-		41													410
11PM-12AM				0.98	420									-	11:48	2:48	41													414
PUMPS RUNNING HOURS								5:30				5:20				5:28				5:45										

SHIFT	SHIFT INCHARGE	OPERATORS (Name)	HELPERS/SWEEPERS (Name)	Flow Totalizer, MLD	REMARKS	SIGNATURE SHIFT INCHARGE	SIGNATURE PLANT MANAGER	SIGN/REMARKS BY CLIENT
(6AM-02:00PM)	Nagendra	Jamil	Jaykaran	7.03 MLD		[signature]	[stamp: CHEMCO ENGINEERS KANPUR]	
(2PM-10:00PM)	Shravan Kumar	Anil Yadav	Ravi			[signature]		
(10PM-06:00AM)	Om Prakash	Shivam Singh	Sanjeev			[signature]		

MPS Log Book for Month of 15 MARCH 2024

SHIFT	TIME	Water Level	Time of power cut	Time of power come	Power Factor	Voltage	Pump No. RSP-01 — 11 KW				Pump No. RSP-02 — 11 - KW				Pump No. RSP-03 — 22 — KW				Pump No. RSP-04 — 22 - KW				Pump No. RSP-05				Pump No. RSP-06				MWH
							Start Time	Stop Time	Total Hours	Current (Amp.)	Start Time	Stop Time	Total Hours	Current (Amp.)	Start Time	Stop Time	Total Hours	Current (Amp.)	Start Time	Stop Time	Total Hours	Current (Amp.)	Start Time	Stop Time	Total Hours	Current (Amp.)	Start Time	Stop Time	Total Hours	Current (Amp.)	
C-SHIFT	00AM-01AM				0·99	425	6:10	-		21																					190
	01AM-02AM				0·98	423	-	-		21																					233
	02AM-03AM				0·99	424	-	2:40	2:30	21																					231
	03AM-04AM				0·98	425					3:05	-		22																	213
	04AM-05AM				0·99	422					-	-		22																	211
	05AM-06AM				0·98	420					-	-		22																	209
	06AM-07AM				0·99	421					-	6:50	3:45	22																	224
	07AM-08AM				0·98	422									7:20	-		41													421
A-SHIFT	08AM-09AM				0·99	420									-	-		41													419
	09AM-10AM				0·98	423									-	9:50	2:30	41													425
	10AM-11AM				0·98	422	10:05	-		21																					218
	11AM-12AM				0·99	421	-	-		22																					219
	12PM-01PM				0·98	421	-			21																					218
	01PM-02PM				0·98	421	-	1:50	3:45	21																					219
	02PM-03PM				0·99	420									2:00	-	-	90													418
B-SHIFT	03PM-04PM				0·98	421									-	-	-	90													419
	04PM-05PM				0·99	420									-	4:50	2:50	90													418
	05PM-06PM				0·98	421	5:00	-	-	22																					216
	06PM-07PM				0·99	420		-	-	21																					219
	07PM-08PM				0·98	422		9:45	2:45	21																					220
	08PM-09PM				0·99	421					8:10	-		22																	233
	09PM-10PM				0·98	422					-	-		22																	231
C-SHIFT	10PM-11PM				0·99	423					-	-		22																	230
	11PM-12AM				0·98	425					11:40	3:50	22																		232
PUMPS RUNNING HOURS								9:00				7:15				5:20														

SHIFT	SHIFT INCHARGE	Name OPERATORS	Name HELPER/SWEEPERS	Flow Totalizer, MLD	REMARKS	SIGNATURE SHIFT INCHARGE	SIGNATURE PLANT MANAGER	SIGN/REMARKS BY CLIENT
A(05:00AM-02:00PM)			Jaikaran	6·72 MLD			CHEM ECO ENGINEERS KANPUR DELHI	
B(02:00PM-10:00PM)			Sarjeet					
C(10:00PM-06:00AM)			Ravi					

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MPS Log Book for Month of 16-MARCH-2024

TIME	Water Level	Time of power cut	Time of power come	Power Factor	Voltage	Pump No. RSP-01 (11 - KW)				Pump No. RSP-02 (11 - KW)				Pump No. RSP-03 (22 - KW)				Pump No. RSP-04 (22 - KW)				Pump No. RSP-05				Pump No. RSP-06				M3/Hr
						Start Time	Stop Time	Total Hours	Current (Amp.)	Start Time	Stop Time	Total Hours	Current (Amp.)	Start Time	Stop Time	Total Hours	Current (Amp.)	Start Time	Stop Time	Total Hours	Current (Amp.)	Start Time	Stop Time	Total Hours	Current (Amp.)	Start Time	Stop Time	Total Hours	Current (Amp.)	
00AM-01AM				0.99	425	08:15	–		21																					225
01AM-02AM				0.98	423	–	–		21																					223
02AM-03AM				0.99	421	-	2:55	2:40	21																					221
03AM-04AM				0.98	420					3:10	–		21																	199
04AM-05AM				0.99	424					–	–		22																	197
05AM-06AM				0.99	422					–	5:40	2:30	22																	195
06AM-07AM				0.98	419									6:00	–		41													415
07AM-08AM				0.99	420									–	–		41													413
08AM-09AM				0.98	422									–	–		41													412
09AM-10AM				0.99	421									–	9:45	3:45	41													410
10AM-11AM				0.98	423					10:10	–		22																	224
11AM-12AM				0.98	421					–	–		22																	222
12PM-01PM				0.96	421					–	12:50	2:40	21																	220
01PM-02PM				0.96	422									1:05	–	.	41													401
02PM-03PM				0.99	420									–	–		41													404
03PM-04PM				0.98	421									–	3:45	3:40	41													409
04PM-05PM				0.99	424													4:00	–		40									425
05PM-06PM				0.98	421													–	–		40									423
06PM-07PM				0.99	420													–	–		40									420
07PM-08PM				0.98	421													–	7:50	3:50	40									421
08PM-09PM				0.99	424	8:20	–		21																					207
09PM-10PM				0.98	422	–	–		21																					206
10PM-11PM				0.99	424	–	–		21																					204
11PM-12AM				0.98	421	-	11:50	3:30	21																					201
S RUNNING HOURS								6:10				5:10				7:25				3:50										

T	SHIFT INCHARGE	Name OPERATORS	Name HELPER/SWEEPERS	Flow Totalizer, MLD	REMARKS	SIGNATURE SHIFT INCHARGE	SIGNATURE PLANT MANAGER	SIGN/REMARKS BY CLIENT
(06AM-02.00PM)	Shrawan Kumar	[illegible]	Jaikaran	7.29 MLD		[signature]	[stamp: CHEM ECO ENGINEERS KANPUR DELHI]	
(02PM-10.00PM)	Hemendra Singh	Anil Yadav	Sanjeev			[signature]		
(10PM-06.00AM)	Om Prakash Singh	Shivam Singh	Ravi			[signature]		

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MPS Log Book for Month of 17-MARCH 2024

SHIFT	TIME	Water Level	Time of power cut	Time of power come	Power Factor	Voltage	Pump No. RSP-01 — 11-KW Start Time	RSP-01 Stop Time	RSP-01 Total Hours	RSP-01 Current (Amp.)	Pump No. RSP-02 — 22-KW Start Time	RSP-02 Stop Time	RSP-02 Total Hours	RSP-02 Current (Amp.)	Pump No. RSP-03 — 22-KW Start Time	RSP-03 Stop Time	RSP-03 Total Hours	RSP-03 Current (Amp.)	Pump No. RSP-04 — 11-KW Start Time	RSP-04 Stop Time	RSP-04 Total Hours	RSP-04 Current (Amp.)	Pump No. RSP-05 Start Time	RSP-05 Stop Time	RSP-05 Total Hours	RSP-05 Current (Amp.)	Pump No. RSP-06 Start Time	RSP-06 Stop Time	RSP-06 Total Hours	RSP-06 Current (Amp.)	M3/h
C-SHIFT	00AM-01AM				0.99	425	00:30	–		22																					
	01AM-02AM				0.98	422	–	–		22																					237
	02AM-03AM				0.89	421	–	2:35	2:5	22																					232
	03AM-04AM				0.98	424					3:00	–		41																	231
	04AM-05AM				0.99	425					–	–		41																	413
	05AM-06AM				0.98	420					–	–		41																	411
A-SHIFT	06AM-07AM				0.99	422					–	6:45	3:45	41																	409
	07AM-08AM				0.98	421																									410
	08AM-09AM				0.99	423									7:10	–		40													425
	09AM-10AM				0.98	424									–	–		40													423
	10AM-11AM				0.95	420	10:00	–	–	21					–	9:40	2:30	40													421
	11AM-12AM				0.98	421	–	–		21																					221
	12PM-01PM				0.98	420	–	12:45	2:45	21																					220
	01PM-02PM				0.99	424																									218
B-SHIFT	02PM-03PM		1:38		0.98	422													1:10	–	–	21									179
	03PM-04PM				0.95	421													–	–		21									197
	04PM-05PM			4:58	0.98	421													–	3:50	2:40	21									195
	05PM-06PM				0.99	423									4:05	–	–	40													421
	06PM-07PM				0.98	421									–	–		40													420
	07PM-08PM				0.98	420	7:35	–	–	21					–	6:55	2:50	40													411
	08PM-09PM				0.99	421	–	–		21																					232
	09PM-10PM				0.95	420		5:45	2:20	22																					228
C-SHIFT	10PM-11PM				0.96	421																									221
	11PM-12AM				0.95	420													10:10	–		22									198
																			–	11:50	1:40	22									192
PUMPS RUNNING HOURS									7:13				3:45				5:20				4:20										

SHIFT	SHIFT INCHARGE	OPERATORS Name	HELPER/SWEEPERS Name	Flow Totallizer, MLD	REMARKS	SIGNATURE SHIFT INCHARGE	SIGNATURE PLANT MANAGER	SIGN/REMARKS BY CLIENT
A(06.00AM-02.00PM)	Shravankumar	Sunil Kumar	Saikiran	7.7 MLD			CHEM ECO ENGINEERS KANPUR	
B(02.00PM-10.00PM)	Nagendra	Shivam Singh	Ravikumar					
C(10.00PM-06.00AM)	Om Prakash	Ashish Kumar	Ajay kumar					

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MPS Log Book for Month of 18/MARCH/2024

TIME	Water Level	Time of power cut	Time of power come	Power Factor	Voltage	Pump No. RSP-01 37 KW Start Time	Stop Time	Total Hours	Current (Amp.)	Pump No. RSP-02 37 KW Start Time	Stop Time	Total Hours	Current (Amp.)	Pump No. RSP-03 22 KW Start Time	Stop Time	Total Hours	Current (Amp.)	Pump No. RSP-04 22 KW Start Time	Stop Time	Total Hours	Current (Amp.)	Pump No. RSP-05 55 KW Start Time	Stop Time	Total Hours	Current (Amp.)	Pump No. RSP-06 Start Time	Stop Time	Total Hours	Current (Amp.)	M3/Hr
00AM-01AM				0.98	425									00:15	-	-	41													421
01AM-02AM				0.98	421									-	-	-	41													918
02AM-03AM				0.99	420									-	2:35	2:20	41													412
03AM-04AM				0.99	424	3:05	-	-	22																					201
04AM-05AM				0.99	423	-	-	-	22																					200
05AM-06AM				0.98	421	-	5:58	2:53	22																					158
06AM-07AM				0.98	422									6:10	-	-	41													432
07AM-08AM				0.98	424									-	-		41													430
08AM-09AM				0.99	421									-	-		41													431
09AM-10AM				0.98	423									-	9:40	3:30	41													429
10AM-11AM				0.98	420					10:00	-	-	21																	211
11AM-12AM				0.98	422					-	-	-	21																	209
12PM-01PM				0.99	425					-	12:55	2:55	21																	201
01PM-02PM				0.98	421	1:05	-	-	22																					222
02PM-03PM				0.98	421	-	-	-	22																					220
03PM-04PM				0.99	420	-	3:45	2:40	21																					218
04PM-05PM				0.98	421													4:15	-	-	40									401
05PM-06PM				0.99	425													-	-	-	40									406
06PM-07PM				0.98	426													-	6:45	2:30	40									405
07PM-08PM				0.98	421					7:25	-	-	22																	221
08PM-09PM				0.99	421					-	-	-	22																	220
09PM-10PM		9:42	9:50	0.99	422					-	9:55	2:30	22																	212
10PM-11PM				0.99	423	10:15	-	-	21																					201
11PM-12AM				0.98	425	-	11:48	1:33	21																					198
PUMPS RUNNING HOURS								7:06				5:25				5:50				2:30										

SHIFT	SHIFT INCHARGE	Name OPERATORS	Name HELPER/SWEEPERS	Flow Totallizer, MLD	REMARKS	SIGNATURE SHIFT INCHARGE	SIGNATURE PLANT MANAGER	SIGN/REMARKS BY CLIENT
(06AM-02:00PM)	Shravan Kumar	Danil Khan	Jaikaran	7.71 MLD		[signature]	CHEMCO ENGINEERS KANPUR (stamp)	
(02PM-10:00PM)	Nagendra	Anil Yadav	Sanjeev Kumar			[signature]		
(10PM-06:00AM)	Om Prakash Singh	Shivam Singh	Ravi Kumar			[signature]		

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MPS Log Book for Month of 19/MARCH/2024

SHIFT	TIME	Water Level	Time of power cut	Time of power come	Power Factor	Voltage	Pump No. RSP-01 (11 KW) Start Time	Stop Time	Total Hours	Current (Amp.)	Pump No. RSP-02 (11 KW) Start Time	Stop Time	Total Hours	Current (Amp.)	Pump No. RSP-03 (22 KW) Start Time	Stop Time	Total Hours	Current (Amp.)	Pump No. RSP-04 (22 KW) Start Time	Stop Time	Total Hours	Current (Amp.)	Pump No. RSP-05 (55 KW) Start Time	Stop Time	Total Hours	Current (Amp.)	Pump No. RSP-06 Start Time	Stop Time	Total Hours	Current (Amp.)	M3/h
C-SHIFT	00AM-01AM				0·99	421	0:21	–	–	21																					221
	01AM-02AM				0·99	420		–	–	22																					224
	02AM-03AM				0·98	418	–	2:58	2:37	21																					218
	03AM-04AM				0·99	416					3:25	–	–	21																	201
	04AM-05AM				0·98	422					–	–	–	22																	198
	05AM-06AM		5:29	5:41	0·96	425					–	5:45	2:20	22																	184
A-SHIFT	06AM-07AM				0·99	421									6:12	–	–	40													401
	07AM-08AM				0·98	420										–	–	41													404
	08AM-09AM				0·99	421										8:52	2:40	41													391
	09AM-10AM				0·98	420	9:05	–	–	22																					221
	10AM-11AM				0·98	421	–	–	–	22																					222
	11AM-12AM				0·99	418	–	11:55	2:58	22																					216
	12PM-01PM				0·98	421					12:00	–	–	22																	230
	01PM-02PM		1:18		0·99	423					–	–	–	22																	232
B-SHIFT	02PM-03PM				0·98	421					–	2:58	2:58	22																	218
	03PM-04PM		3:42	3:23	0·99	421														3:06	–	–	41								441
	04PM-05PM			9:27	0·98	420														–	–	–	41								432
	05PM-06PM				0·99	421														–	9:05	2:05	41								421
	06PM-07PM				0·99	425	6:08	–	–	21																					218
	07PM-08PM				0·98	427				21																					212
	08PM-09PM				0·99	422	8:58	2:50	21																						211
	09PM-10PM				0·99	425									9:24	–	–	41													418
C-SHIFT	10PM-11PM				0·99	423										–	–	40													416
	11PM-12AM				0·98	418									–	11:52	2:28	40													401
PUMPS RUNNING HOURS								8:17					5:18				5:08				2:45				19					

SHIFT	SHIFT INCHARGE	Name OPERATORS	Name HELPER/SWEEPERS	Flow Totalizer, MLD	REMARKS	SIGNATURE SHIFT INCHARGE	SIGNATURE PLANT MANAGER	SIGN/REMARKS BY CLIENT
A(06:00AM-02:00PM)	Nagendra	Danish Khan	Dalveer	6.94 MLD				
B(02:00PM-10:00PM)	Bhagwan Kumar	Shivan	Shivam Singh					
C(10:00PM-06:00AM)	Om Prakash	Anil Kumar	Ajay Singh					

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MPS Log Book for Month of 20/MARCH/2024

TIME	Water Level	Time of power cut	Time of power come	Power Factor	Voltage	RSP-01 (11 KW) Start Time	RSP-01 Stop Time	RSP-01 Total Hours	RSP-01 Current (Amp.)	RSP-02 (22 KW) Start Time	RSP-02 Stop Time	RSP-02 Total Hours	RSP-02 Current (Amp.)	RSP-03 (22 KW) Start Time	RSP-03 Stop Time	RSP-03 Total Hours	RSP-03 Current (Amp.)	RSP-04 (11 KW) Start Time	RSP-04 Stop Time	RSP-04 Total Hours	RSP-04 Current (Amp.)	RSP-05 (55 KW) Start Time	RSP-05 Stop Time	RSP-05 Total Hours	RSP-05 Current (Amp.)	RSP-06 Start Time	RSP-06 Stop Time	RSP-06 Total Hours	RSP-06 Current (Amp.)	M3/Hr
00AM-01AM				0.98	421	00:32	-	-	21																					221
01AM-02AM				0.99	420	-	-	-	21																					220
02AM-03AM				0.99	421	-	-	-	21																					218
03AM-04AM				0.98	425	-	3:48	3:16	21																					212
04AM-05AM				0.99	421													4:15	-	-	22									201
05AM-06AM				0.99	420													-	-	-	22									198
06AM-07AM				0.98	424													-			22									182
07AM-08AM				0.99	422													-	7:55	3:40	22									184
08AM-09AM				0.98	421					8:10	-	-	41																	421
09AM-10AM		9:30	9:45	0.98	420					-	-	-	41																	418
10AM-11AM				0.99	425					-	10:40	2:30	41																	411
11AM-12AM				0.98	424	11:05	-	-	22																					201
12PM-01PM				0.99	421	-			22																					204
01PM-02PM				0.98	420	-	1:55	2:50	21																					201
02PM-03PM				0.99	421					2:00	-	-	41																	400
03PM-04PM				0.98	422					-	-	-	40																	398
04PM-05PM				0.99	425					-	4:28	2:20	40																	392
05PM-06PM				0.98	421													5:02	-	-	21									201
06PM-07PM				0.99	422													-	-	-	22									198
07PM-08PM				0.98	421													-	7:37	2:35	22									192
08PM-09PM				0.99	420									8:06	-	-	40													421
09PM-10PM				0.98	426									-	-	-	40													418
10PM-11PM				0.99	427									-	-	-	40													411
11PM-12AM				0.98	421									-	11:25	3:19	40													401
PS RUNNING HOURS								6:06				4:50				3:19				6:15										

SHIFT	SHIFT INCHARGE	Name OPERATORS	Name HELPER/SWEEPERS	Flow Totallizer, MLD	REMARKS	SIGNATURE SHIFT INCHARGE	SIGNATURE PLANT MANAGER	SIGN/REMARKS BY CLIENT
(AM-02:00PM)	Dharmendra Kumar	Anil Khan	Sanjeev Kumar	6.92 MLD		[signature]	CHEM ECO ENGINEERS KANPUR [stamp]	
(PM-10:00PM)	Nagendra	Shivam Singh	Ravi Kumar			[signature]		
(PM-06:00AM)	Omprakash Sir	Anil Yadav	Jay Narayan Kumar			[signature]		

MPS Log Book for Month of 21/MARCH/2024

SHIFT	TIME	Water Level	Time of power cut	Time of power come	Power Factor	Voltage	Pump No. RSP-01 11KW Start Time	RSP-01 Stop Time	RSP-01 Total Hours	RSP-01 Current (Amp.)	Pump No. RSP-02 11KW Start Time	RSP-02 Stop Time	RSP-02 Total Hours	RSP-02 Current (Amp.)	Pump No. RSP-03 22KW Start Time	RSP-03 Stop Time	RSP-03 Total Hours	RSP-03 Current (Amp.)	Pump No. RSP-04 22KW Start Time	RSP-04 Stop Time	RSP-04 Total Hours	RSP-04 Current (Amp.)	Pump No. RSP-05 55KW Start Time	RSP-05 Stop Time	RSP-05 Total Hours	RSP-05 Current (Amp.)	Pump No. RSP-06 Start Time	RSP-06 Stop Time	RSP-06 Total Hours	RSP-06 Current (Amp.)	M3/H
C-SHIFT	AM-01AM				0.98	421	00:35	-	-	2																					221
	AM-02AM				0.99	422	-	-	-	21																					220
	AM-03AM				0.98	424	-	2:48	2:13	21																					218
	AM-04AM				0.99	426					3:16	-	-	22																	201
	AM-05AM				0.98	425					-	-	-	22																	198
	AM-06AM				0.99	422					-	5:56	2:40	22																	192
A-SHIFT	AM-07AM				0.98	416									6:02	-	-	40													42
	AM-08AM				0.99	421									[illegible]	-		40													42
	AM-09AM				0.98	419									-	8:57	2:55	40													418
	AM-10AM				0.98	425	9:25	-	-	22																					232
	AM-11AM				0.99	420	-	-		22																					220
	AM-12AM				0.98	422	-	11:26	2:21	22																					212
	M-01PM				0.99	421													12:02			41									400
	M-02PM				0.99	418													-	-		40									398
B-SHIFT	M-03PM				0.98	420													-	2:47	2:45	41									392
	M-04PM				0.99	425					3:05	-	-	21																	211
	M-05PM				0.98	418					-			21																	209
	M-06PM				0.99	423					-	5:38	2:34	22																	201
	M-07PM				0.98	416									6:10	-	-	41													421
	M-08PM				0.99	417									-	-	-	40													418
	M-09PM				0.98	418									-	8:35	2:25	41													401
	M-10PM				0.99	420	9:15		-	21																					198
C-SHIFT	10PM-11PM				0.98	222		-		21																					182
	11PM-12AM				0.99	428	-	11:52	2:37	21																					180
PUMPS RUNNING HOURS									7:11				5:14				5:20				2:45										

SHIFT	SHIFT INCHARGE	Name OPERATORS	Name HELPER/SWEEPERS	Flow Totalizer, MLD	REMARKS	SIGNATURE SHIFT INCHARGE	SIGNATURE PLANT MANAGER	SIGN/REMARKS BY CLIENT
A(06:00AM-02:00PM)	Shravan kumar	Jamil Khan	Sanjeev Kumar	6.78 MLD		[signature]	[stamp: CHEM ECO ENGINEERS KANPUR]	
B(02:00PM-10:00PM)	Nagendra	Shivam Singh	Jaykaran Kumar			[signature]		
C(10:00PM-06:00AM)	Om Prakash	[illegible]	Ravi Kumar			[signature]		

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MPS Log Book for Month of 22/MARCH/2024

TIME	Water Level	Time of power cut	Time of power come	Power Factor	Voltage	Pump No. RSP-01 11 KW Start Time	Stop Time	Total Hours	Current (Amp.)	Pump No. RSP-02 22 KW Start Time	Stop Time	Total Hours	Current (Amp.)	Pump No. RSP-03 11 KW Start Time	Stop Time	Total Hours	Current (Amp.)	Pump No. RSP-04 22 KW Start Time	Stop Time	Total Hours	Current (Amp.)	Pump No. RSP-05 55 KW Start Time	Stop Time	Total Hours	Current (Amp.)	Pump No. RSP-06 Start Time	Stop Time	Total Hours	Current (Amp.)	M3/Hr
00AM-01AM				0.95	421									00:45	–	–	21													228
01AM-02AM				0.96	426									–	–	–	21													224
02AM-03AM				0.95	430									–	2:58	2:13	22													216
03AM-04AM				0.96	418	3:21	–	–	22																					198
04AM-05AM				0.95	416	–	–	–	21																					190
05AM-06AM				0.95	420	–	5:35	2:14	22																					188
06AM-07AM				0.96	422					6:05	–	–	40																	431
07AM-08AM				0.95	421					–	–		40																	430
08AM-09AM				0.99	410					–			40																	431
09AM-10AM				0.98	423					–	9:45	3:40	40																	432
10AM-11AM				0.95	421									10:00	–	–	21													218
11AM-12AM				0.96	408									–	–	"	22													219
12PM-01PM				0.9	420									–	12:58	2:58	21													218
01PM-02PM				0.96	421					1:10	–	–	41																	401
02PM-03PM				0.9	423					–	–	–	41																	390
03PM-04PM				0.98	427					–	3:48	2:38	41																	399
04PM-05PM				0.9	420	4:25	–	–	21																					198
05PM-06PM				0.9	421	–	–	–	22																					199
06PM-07PM				0.9	422	–	6:45	2:20	21																					192
07PM-08PM				0.9	421													7:20	–	–	41									421
08PM-09PM				0.9	420													–	8:59	1:39	41									420
09PM-10PM				0.99	426									9:10	–	–	22													421
10PM-11PM				0.98	428									–	–	–	21													218
11PM-12AM				0.98	421									–	11:50	2:40	22													201
PS RUNNING HOURS																														

SHIFT	SHIFT INCHARGE	Name OPERATORS	Name HELPER/SWEEPERS	Flow Totallizer, MLD	REMARKS	SIGNATURE SHIFT INCHARGE	SIGNATURE PLANT MANAGER	SIGN/REMARKS BY CLIENT
(06.00AM-02.00PM)	Shravan kumar	Jamil Khan	Jaikaran	6.89 MLD		[signature]	[stamp: CHEM ECO ENGINEERS KANPUR]	
(02.00PM-10.00PM)	Nagendra	Shivam Singh	Ravi kumar			[signature]		
(10.00PM-06.00AM)	Om Prakash Shukla	Arvind yadav	Sanjeev kumar					

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MPS Log Book for Month of 23/MARCH/2024

SHIFT	TIME	Water Level	Time of power cut	Time of power come	Power Factor	Voltage	Pump No. RSP-01 (11 Kw) Start Time	Stop Time	Total Hours	Current (Amp.)	Pump No. RSP-02 (11 Kw) Start Time	Stop Time	Total Hours	Current (Amp.)	Pump No. RSP-03 (22 Kw) Start Time	Stop Time	Total Hours	Current (Amp.)	Pump No. RSP-04 (20 Kw) Start Time	Stop Time	Total Hours	Current (Amp.)	Pump No. RSP-05 (55 Kw) Start Time	Stop Time	Total Hours	Current (Amp.)	Pump No. RSP-06 Start Time	Stop Time	Total Hours	Current (Amp.)	M3/Hr
C-SHIFT	00AM-01AM				0.99	415	00:20	–	–	21																					221
	01AM-02AM				0.99	426	–	–	–	22																					220
	02AM-03AM				0.98	428	–	2:59	2:39	22																					218
	03AM-04AM				0.99	430					3:40	–	–	22																	198
	04AM-05AM				0.99	418					–	–	–	21																	192
	05AM-06AM				0.98	421					–	5:55	2:15	22																	180
A-SHIFT	06AM-07AM				0.98	422									6:25	–	–	41													429
	07AM-08AM				0.99	422									[illegible]	–	–	40													418
	08AM-09AM				0.98	421									–	8:45	2:20	41													410
	09AM-10AM				0.99	421					9:05	–	–	21																	201
	10AM-11AM				0.98	420					–	–	–	21																	192
	11AM-12AM				0.99	424					–	11:50	2:45	21																	195
	12PM-01PM				0.98	423	12:00	–	–	21																					197
	01PM-02PM				0.99	422	–	–	–	22																					199
B-SHIFT	02PM-03PM				0.98	420	–	2:52	2:52	22																					198
	03PM-04PM				0.98	421													3:10	–	–	40									401
	04PM-05PM				0.98	420													–	[illegible]	[illegible]	40									398
	05PM-06PM				0.99	425													–	[illegible]	[illegible]	40									392
	06PM-07PM				0.98	426					6:15	–	–	22																	221
	07PM-08PM				0.99	426					–	–	–	22																	220
	08PM-09PM				0.98	430					–	8:55	2:40	21																	218
	09PM-10PM				0.99	429									9:20	–	–	40													411
C-SHIFT	10PM-11PM				0.98	421									[illegible]	–	–	41													408
	11PM-12AM				0.98	420									–	11:30	2:10	40													402
PUMPS RUNNING HOURS								5:31				7:40				4:30				2:10											

SHIFT	SHIFT INCHARGE	Name OPERATORS	Name HELPER/SWEEPERS	Flow Totalizer, MLD	REMARKS	SIGNATURE SHIFT INCHARGE	SIGNATURE PLANT MANAGER	SIGN/REMARKS BY CLIENT
A(06:00AM-02:00PM)	Dharmendra Kumar	Shakil Khan	Jaikaran	[illegible]		[signature]	[stamp: CHEM ECO ENGINEERS KANPUR]	
B(02:00PM-10:00PM)	Nagendra Singh	Shivam Singh	Ajay Kumar Singh			[signature]		
C(10:00PM-06:00AM)	Omprakash Singh	[illegible]	Ravi Kumar			[signature]		

MPS Log Book for Month of 24/MARCH/2024

TIME	Water Level	Time of power cut	Time of power come	Power Factor	Voltage	Pump No. RSP 01 11 KW Start Time	Stop Time	Total Hours	Current (Amp.)	Pump No. RSP 02 21 KW Start Time	Stop Time	Total Hours	Current (Amp.)	Pump No. RSP-03 11 KW Start Time	Stop Time	Total Hours	Current (Amp.)	Pump No. RSP 04 21 KW Start Time	Stop Time	Total Hours	Current (Amp.)	Pump No. RSP-05 55 KW Start Time	Stop Time	Total Hours	Current (Amp.)	Pump No. RSP-06 Start Time	Stop Time	Total Hours	Current (Amp.)	M3/Hr
00AM-01AM				0.98	421	6:40	-		22																					221
01AM-02AM				0.99	420	-	-	-	21																					220
02AM-03AM				0.98	424	-	2:55	2:15	22																					218
03AM-04AM				0.99	426					3:25	-	-	40																	432
04AM-05AM				0.98	427					-	-	-	40																	430
05AM-06AM				0.99	422					-	5:35	2:10	40																	418
06AM-07AM				0.98	420									[illegible]:20	-	-	21													198
07AM-08AM				0.98	421									-	-	-	21													192
08AM-09AM				0.99	425									-	8:55	2:35	21													190
09AM-10AM				0.98	428													9:05	-	-	40									401
10AM-11AM				0.98	426													-			40									398
11AM-12AM				0.99	425													-	11:45	2:40	41									397
12PM-01PM				0.98	426									[illegible]:10	-	-	21													198
01PM-02PM				0.99	421									-	-	-	21													197
02PM-03PM				0.98	420										2:50	2:40	22													199
03PM-04PM				0.99	421					3:20	-	-	40																	430
04PM-05PM				0.98	422					-	-	-	40																	432
05PM-06PM				0.99	421					-	5:40	2:40	40																	429
06PM-07PM				0.98	423	6:00	-	-	22																					219
07PM-08PM				0.99	425	-	-	-	21																					220
08PM-09PM				0.98	423	-	-	-	22																					218
09PM-10PM				0.99	420	-	9:50	3:50	21																					219
10PM-11PM				0.98	421									10:10	-		21													199
11PM-12AM				0.99	419									-	11:51	1:41	21													196
PUMP RUNNING HOURS								6:5				4:50				6:56				2:40										

Shift	SHIFT INCHARGE	Name OPERATORS	Name HELPER/SWEEPERS	Flow Totalizer, MLD	REMARKS	SIGNATURE SHIFT INCHARGE	SIGNATURE PLANT MANAGER	SIGN/REMARKS BY CLIENT
(06AM-02:00PM)	Bhagwant Kumar	Shivam Singh	Pawan Kumar	6.87 MLD		[signature]	CHEMCO ENGINEERS KANPUR [stamp]	
(02PM-10:00PM)	Narendra Singh	Tanjil Khan	Ramjeet Kumar			[signature]		
(10PM-06:00AM)	Om Prakash Rawat	Amit	Jay Karan			[signature]		

MPS Log Book for Month of 25 MARCH 2024

SHIFT	TIME	Water Level	Time of power cut	Time of power come	Power Factor	Voltage	Pump No. RSP-01 — 11 — Kw Start Time	Stop Time	Total Hours	Current (Amp.)	Pump No. RSP-02 — 99 — Kw Start Time	Stop Time	Total Hours	Current (Amp.)	Pump No. RSP-03 — 22 — Kw Start Time	Stop Time	Total Hours	Current (Amp.)	Pump No. RSP-04 — 11 — Kw Start Time	Stop Time	Total Hours	Current (Amp.)	Pump No. RSP-05 Start Time	Stop Time	Total Hours	Current (Amp.)	Pump No. RSP-06 Start Time	Stop Time	Total Hours	Current (Amp.)	M3/
C-SHIFT	00AM-01AM				0.99	425	00:30	-	-	22																					233
	01AM-02AM				0.98	423	-	-	-	22																					231
	02AM-03AM				0.99	422		2:50	2:20	22																					229
	03AM-04AM				0.98	421									3:15	-	-	41													230
	04AM-05AM				0.99	422									-	-	-	41													231
	05AM-06AM				0.98	419										5:45	2:30	41													42[illegible]
A-SHIFT	06AM-07AM				0.99	418					6:00	-	-	40																	399
	07AM-08AM				0.98	420					-	-	-	40																	398
	08AM-09AM				0.99	421					-	-	-	40																	401
	09AM-10AM				0.98	423					-	9:40	3:40	40																	405
	10AM-11AM				0.99	422													10:5	-	-	21									199
	11AM-12AM				0.98	425													-	-	-	21									197
	12PM-01PM				0.99	423													-	12:55	2:50	21									195
	01PM-02PM				0.98	420	1:00	-	-	22																					22[illegible]
B-SHIFT	02PM-03PM				0.99	422	-	-	-	22																					223
	03PM-04PM				0.98	425	-	-	-	22																					22[illegible]
	04PM-05PM				0.99	425		4:45	3:45	22																					22[illegible]
	05PM-06PM				0.98	421									5:05			41													435
	06PM-07PM				0.99	422									-	-	-	41													43[illegible]
	07PM-08PM				0.98	421									-	7:55	2:50	41													43[illegible]
	08PM-09PM				0.99	419													8:20	-	-	21									20[illegible]
	09PM-10PM				0.98	420													-	-	-	21									20[illegible]
C-SHIFT	10PM-11PM				0.99	418													-	[illegible]	[illegible]	21									20[illegible]
	11PM-12AM				0.98	423													-	11:[illegible]0	3:[illegible]	21									20[illegible]
PUMPS RUNNING HOURS									6:5				3:40				5:20				6:10										

SHIFT	SHIFT INCHARGE	Name OPERATORS	Name HELPER/SWEEPERS	Flow Totalizer, MLD	REMARKS	SIGNATURE SHIFT INCHARGE	SIGNATURE PLANT MANAGER	SIGN/REMARKS BY CLIENT
A(06 00AM-02 00PM)	Nagendra	Jamil Khan	Ajay Singh	7.18 MLD		[signature]	[stamp: CHEMECO ENG. KANPUR]	
B(02 00PM-10 00PM)	Omprakash Singh	Amit	Sanjeev Kumar			[signature]		
C(10 00PM-06 00AM)	Dhaneshkumar	Jamil Khan	Sanjeev Kumar			[signature]		

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MPS Log Book for Month of 26-MARCH-24

TIME	Water Level	Time of power cut	Time of power come	Power Factor	Voltage	RSP-01 (11 KW) Start Time	RSP-01 Stop Time	RSP-01 Total Hours	RSP-01 Current (Amp.)	RSP-02 (29 KW) Start Time	RSP-02 Stop Time	RSP-02 Total Hours	RSP-02 Current (Amp.)	RSP-03 (11 KW) Start Time	RSP-03 Stop Time	RSP-03 Total Hours	RSP-03 Current (Amp.)	RSP-04 (22 KW) Start Time	RSP-04 Stop Time	RSP-04 Total Hours	RSP-04 Current (Amp.)	RSP-05 (55 KW) Start Time	RSP-05 Stop Time	RSP-05 Total Hours	RSP-05 Current (Amp.)	RSP-06 Start Time	RSP-06 Stop Time	RSP-06 Total Hours	RSP-06 Current (Amp.)	M3/Hr
AM-01AM				0.99	424	00:40	-	-	22																					233
AM-02AM				0.95	423	-	-	-	22																					231
AM-03AM				0.99	420	-	2:50	2:10	22																					232
AM-04AM				0.98	423									3:20	-	-	21													212
AM-05AM				0.99	421									-	-	-	21													214
AM-06AM				0.98	422									-	5:50	2:30	21													241
AM-07AM				0.99	424					6:10	-	-	41																	440
AM-08AM				0.98	419					-	-	-	41																	430
AM-09AM				0.99	421					-	8:40	2:30	41																	435
AM-10AM				0.98	422	9:00	-	-	22																					226
AM-11AM				0.99	420	-	-	-	21																					224
AM-12AM				0.98	425	-	11:50	2:50	22																					219
PM-01PM				0.99	423					12:00	-	-	40																	441
PM-02PM				0.98	421					-	-	-	40																	435
PM-03PM				0.98	423					-	-	-	40																	433
PM-04PM				0.99	424					-	3:45	3:45	40																	430
PM-05PM				0.98	422													4:10	-	-	41									422
PM-06PM				0.98	424													-	-	-	41									420
PM-07PM				0.99	420													-	6:50	2:40	41									419
PM-08PM				0.98	419					9:00	-	-	40																	418
PM-09PM				0.99	421					-			40																	398
PM-10PM				0.98	423					-	9:59	2:59	40																	397
PM-11PM				0.99	425									10:15	-	-	21													196
PM-12AM				0.95	422									-	11:45	1:30	21													195
PS RUNNING HOURS								5:00				9:14				4:00				2:40										

SHIFT INCHARGE	Name OPERATORS	Name HELPER/SWEEPERS	Flow Totalizer, MLD	REMARKS	SIGNATURE SHIFT INCHARGE	SIGNATURE PLANT MANAGER	SIGN/REMARKS BY CLIENT
(…2:00PM) Shravan Kumar	Sonil Khan	Ranil Kumar	7.30 MLD			CHEMECO ENGINEERS KANPUR	
(…0:00PM) Nagendra Singh	Amil	Jaykaran					
(…6:00AM) Om Prakash Singh	Shivam Singh	Sanjeev Kumar					

MPS Log Book for Month of 27/MARCH/2024

SHIFT	TIME	Water Level	Time of power cut	Time of power come	Power Factor	Voltage	Pump No. RSP-01 (11 kw) Start Time	Stop Time	Total Hours	Current (Amp.)	Pump No. RSP-02 (22 kw) Start Time	Stop Time	Total Hours	Current (Amp.)	Pump No. RSP-03 (11 kw) Start Time	Stop Time	Total Hours	Current (Amp.)	Pump No. RSP-04 (22 kw) Start Time	Stop Time	Total Hours	Current (Amp.)	Pump No. RSP-05 (55 kw) Start Time	Stop Time	Total Hours	Current (Amp.)	Pump No. RSP-06 Start Time	Stop Time	Total Hours	Current (Amp.)	M3/H
C-SHIFT	00AM-01AM				0.98	421	00:35	-	-	21																					221
	01AM-02AM				0.98	420	-	-	-	22																					220
	02AM-03AM				0.98	424	-	2:45	2:10	21																					218
	03AM-04AM				0.99	426					3:05	-	-	40																	411
	04AM-05AM				0.99	428					-	-	-	40																	411
	05AM-06AM				0.98	426					-	5:25	2:20	41																	411
A-SHIFT	06AM-07AM				0.99	425	-								6:12	-	-	21													201
	07AM-08AM				0.98	423	-									-	-	21													200
	08AM-09AM				0.99	421										8:50	2:38	21													203
	09AM-10AM				0.98	420	9:5	-	-	21																					225
	10AM-11AM				0.99	419	-	-	-	21																					224
	11AM-12AM				0.98	416	-	-	-	22																					222
	12PM-01PM				0.99	419		12:55	3:50	22																					224
	01PM-02PM				0.99	419													1:10	-	-	41									430
B-SHIFT	02PM-03PM				0.99	420													-	-	-	41									432
	03PM-04PM				0.98	421													-	3:40	2:30	41									430
	04PM-05PM				0.99	418									4:10	-	-	22													220
	05PM-06PM				0.95	416										-	-	22													218
	06PM-07PM				0.98	422	-									6:50	2:40	22													212
	07PM-08PM				0.98	428					7:15	-	-	40																	401
	08PM-09PM				0.99	427					-	-	-	40																	398
	09PM-10PM				0.98	429						9:35	2:20	41																	396
C-SHIFT	10PM-11PM				0.99	425	10:00	-	-	22																					192
	11PM-12AM				0.98	421	-	11:59	1:59	22																					190
PUMPS RUNNING HOURS									7:59				4:40				9:18				2:30										

SHIFT	SHIFT INCHARGE	Name OPERATORS	Name HELPER/SWEEPERS	Flow Totalizer, MLD	REMARKS	SIGNATURE SHIFT INCHARGE	SIGNATURE PLANT MANAGER	SIGN/REMARKS BY CLIENT
A(06:00AM-02:00PM)	Shrawan kumar	Sahid Khan	Ravi Kumar	6.92		[signature]	[stamp: CHEM CO ENGINEERS]	
B(02:00PM-10:00PM)	Nagendra	Brajesh Kumar	Jay Kishan Kumar			[signature]		
C(10:00PM-06:00AM)	Om Prakash	Shivam Singh	Ajay Singh			[signature]		

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MPS Log Book for Month of 28/MARCH/2024

TIME	Water Level	Time of power cut	Time of power come	Power Factor	Voltage	Pump No. RSP-01 (11 KW)				Pump No. RSP-02 (11 KW)				Pump No. RSP-03 (22 KW)				Pump No. RSP-04 (22 KW)				Pump No. RSP-05 (55 KW)				Pump No. RSP-06				M3/Hr
						Start Time	Stop Time	Total Hours	Current (Amp.)	Start Time	Stop Time	Total Hours	Current (Amp.)	Start Time	Stop Time	Total Hours	Current (Amp.)	Start Time	Stop Time	Total Hours	Current (Amp.)	Start Time	Stop Time	Total Hours	Current (Amp.)	Start Time	Stop Time	Total Hours	Current (Amp.)	
00AM-01AM				0.98	426	00:45	-	-	21																					221
01AM-02AM				0.99	428	-	-	-	22																					220
02AM-03AM				0.99	430	-	2:45	2:00	21																					218
03AM-04AM				0.98	426					3:30	-	-	21																	201
04AM-05AM				0.98	424					-	-	-	22																	200
05AM-06AM				0.99	422					-	5:40	2:10	22																	198
06AM-07AM				0.98	421									6:05	-	-	40													430
07AM-08AM				0.99	425									-	-	-	41													428
08AM-09AM				0.98	423									-	8:55	2:50	41													426
09AM-10AM				0.99	421	9:00	-	-	21																					425
10AM-11AM				0.98	420	-	-	-	22																					423
11AM-12AM				0.99	421	-	11:50	2:50	21																					220
12PM-01PM				0.98	420					12:00	-	-	21																	219
01PM-02PM				0.99	421					-	-	-	22																	218
02PM-03PM				0.98	420					-	2:40	2:40	22																	216
03PM-04PM				0.99	423													3:10	-	-	40									433
04PM-05PM				0.98	425													-	-		40									432
05PM-06PM				0.99	422														5:55	2:45	40									429
06PM-07PM				0.98	421	6:05	-	-	22																					201
07PM-08PM				0.98	420	-	-	-	21																					198
08PM-09PM				0.99	418	-	8:55	2:50	22																					196
09PM-10PM				0.98	419									9:00	-	-	40													400
10PM-11PM				0.98	416									-	-	-	40													398
11PM-12AM				0.99	421									-	11:35	2:35	41													395
PUMPS RUNNING HOURS								7:40				4:50				5:25				2:45										

SHIFT (TIME)	SHIFT INCHARGE	Name OPERATORS	Name HELPER/SWEEPERS	Flow Totalizer, MLD	REMARKS	SIGNATURE SHIFT INCHARGE	SIGNATURE PLANT MANAGER	SIGN/REMARKS BY CLIENT
(06AM-02.00PM)	Nagendra	Jamil Khan	Ravi Kumar			[signature]		
(02PM-10.00PM)	Shrawan Kumar	Anil Yadav	Jaykaran Kumar	6.94 MLD		[signature]	ECO ENGINEERS KANPUR [stamp]	
(10PM-06.00AM)	Om Prakash	Shivam Singh	Sanjeev Kumar			[signature]		

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MPS Log Book for Month of 29/MARCH/2024

SHIFT	TIME	Water Level	Time of power cut	Time of power come	Power Factor	Voltage	RSP-01 (11 kW) Start Time	RSP-01 Stop Time	RSP-01 Total Hours	RSP-01 Current (Amp.)	RSP-02 (11 kW) Start Time	RSP-02 Stop Time	RSP-02 Total Hours	RSP-02 Current (Amp.)	RSP-03 (22 kW) Start Time	RSP-03 Stop Time	RSP-03 Total Hours	RSP-03 Current (Amp.)	RSP-04 (20 kW) Start Time	RSP-04 Stop Time	RSP-04 Total Hours	RSP-04 Current (Amp.)	RSP-05 (15 kW) Start Time	RSP-05 Stop Time	RSP-05 Total Hours	RSP-05 Current (Amp.)	RSP-06 Start Time	RSP-06 Stop Time	RSP-06 Total Hours	RSP-06 Current (Amp.)	M3/h
C-SHIFT	00AM-01AM				0.99	421	00:30	–	–	22																					221
	01AM-02AM				0.98	420	–	–	–	22																					226
	02AM-03AM				0.99	416	–	2:40	2:10	22																					210
	03AM-04AM				0.98	416					3:15	–	–	21																	201
	04AM-05AM				0.99	417					–	–	–	21																	195
	05AM-06AM				0.98	416					–	5:55	2:40	21																	19[illegible]
A-SHIFT	06AM-07AM		6:00	–	0.99	412									6:20	–	–	41													420
	07AM-08AM		–	–	0.98	416									–	–	–	41													411
	08AM-09AM		–		0.99	420									–	8:40	2:20	41													41[illegible]
	09AM-10AM		–	–	0.98	423	9:00	–	–	22																					225
	10AM-11AM		–	–	0.99	422	–	–	–	22																					223
	11AM-12AM		–	–	0.98	424	–	11:45	2:45	22																					220
	12PM-01PM		–	–	0.98	425					12:00	–	–	21																	221
	01PM-02PM		–	–	0.99	426					–	–	–	22																	222
B-SHIFT	02PM-03PM		–	–	0.98	428					–	2:52	2:52	21																	216
	03PM-04PM		–	–	0.99	426													3:20	–	–	40									398
	04PM-05PM		–	4:50	0.90	427													–	–	–	40									396
	05PM-06PM				0.99	425													–	[illegible]	[illegible]	40									39[illegible]
	06PM-07PM				0.98	422	6:10	–	–	21																					211
	07PM-08PM				0.99	421	–	–	–	21																					229
	08PM-09PM		8:00	8:45	0.98	420	–	8:10	2:00	22																					206
	09PM-10PM				0.99	419					9:05	–	–	22																	135
C-SHIFT	10PM-11PM				0.98	418					–	–	–	21																	198
	11PM-12AM				0.98	416					–	11:35	2:30	22																	134
PUMPS RUNNING HOURS									6:55				8:02				2:20				2:15										

SHIFT	SHIFT INCHARGE	Name OPERATORS	Name HELPER/SWEEPERS	Flow Totalizer, MLD	REMARKS	SIGNATURE SHIFT INCHARGE	SIGNATURE PLANT MANAGER	SIGN/REMARKS BY CLIENT
A(06:00AM-02:00PM)	Nagendra	Jamil Khan	Jaikaran	6.23 MLD		[signature]	[stamp: CHEMCO ENGINEERS, KANPUR, DELHI]	
B(02.00PM-10.00PM)	Shravan Kumar	Shivam Singh	Ravi Kumar			[signature]		
C(10.00PM-06.00AM)	Om Prakash Singh	Sanjeev	Ajay Singh			[signature]		

Sam 29/3/2024

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MPS Log Book for Month of 30/MARCH/2024

TIME	Water Level	Time of power cut	Time of power come	Power Factor	Voltage	Pump No. RSP-01 11 KW				Pump No. RSP-02 11 KW				Pump No. RSP-03 22KW				Pump No. RSP-04 22 KW				Pump No. RSP-05 55 KW				Pump No. RSP-06				M3/Hr
						Start Time	Stop Time	Total Hours	Current (Amp.)	Start Time	Stop Time	Total Hours	Current (Amp.)	Start Time	Stop Time	Total Hours	Current (Amp.)	Start Time	Stop Time	Total Hours	Current (Amp.)	Start Time	Stop Time	Total Hours	Current (Amp.)	Start Time	Stop Time	Total Hours	Current (Amp.)	
AM-01AM				0·96	426					00:05	-	-	21																	221
AM-02AM				0·99	423					-	-	-	22																	220
AM-03AM				0·99	426					-	2:55	2:10	21																	218
AM-04AM				0·98	425	3:25	-	-	22																					132
AM-05AM				0·98	424	-	-	-	22																					100
AM-06AM				0·96	422	-	5:40	2:15	22																					188
AM-07AM				0·99	421									6:05	-	-	40													418
AM-08AM				0·98	423									-	-	-	40													420
AM-09AM				0·99	421									-	8:45	2:40	40													419
AM-10AM				0·98	422	9:10	-	-	22																					230
AM-11AM				0·99	421	-	-	-	22																					228
AM-12AM				0·98	420	-	11:40	2:30	22																					221
PM-01PM				0·99	424					12:15	-	-	21																	138
PM-02PM				0·98	423					-	-	-	21																	135
PM-03PM				0·99	424					-	2:50	2:35	21																	132
PM-04PM				0·98	421	3:00	-	-	22																					132
PM-05PM				0·99	418	-	-	-	22																					136
PM-06PM				0·98	416	-	5:35	2:35	21																					132
PM-07PM				0·99	412									6:10	-	-	40													421
PM-08PM				0·98	416									-	-	-	40													416
PM-09PM				0·99	416									-	0:30	2:20	40													412
PM-10PM				0·98	417					3:05	-	-	31																	134
PM-11PM				0·99	419					-	-	-	21																	136
PM-12AM				0·98	420					-	11:55	2:55	21																	132
RUNNING								7:20				7:35					5:00													

SHIFT INCHARGE	Name OPERATORS	Name HELPER/SWEEPERS	Flow Totallizer, MLD	REMARKS	SIGNATURE SHIFT INCHARGE	SIGNATURE PLANT MANAGER	SIGN/REMARKS BY CLIENT
Shivkumar	Jamil Khan	Jaikaran				CHEMECO ENGINEERS KANPUR	
Jagendra Singh	Shivam Singh	Ravi Kumar	6.16 MLD				
Jagendra	Bhaggeer Kumar	Ajay Singh					

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MPS Log Book for Month of 31/MARCH/2.0

SHIFT	TIME	Water Level	Time of power cut	Time of power come	Power Factor	Voltage	Pump No. RSP-01 71 Kw				Pump No. RSP-02 71 Kw				Pump No. RSP-03 22 Kw				Pump No. RSP-04 2X Kw				Pump No. RSP-05 55 Kw				Pump No. RSP-06				M3/hr
							Start Time	Stop Time	Total Hours	Current (Amp.)	Start Time	Stop Time	Total Hours	Current (Amp.)	Start Time	Stop Time	Total Hours	Current (Amp.)	Start Time	Stop Time	Total Hours	Current (Amp.)	Start Time	Stop Time	Total Hours	Current (Amp.)	Start Time	Stop Time	Total Hours	Current (Amp.)	
C-SHIFT	00AM-01AM		00:21	00:53	0.99	425	00:45	–	–	21																					221
	01AM-02AM				0.96	426	–	–	–	21																					220
	02AM-03AM				0.98	428	–	2:50	2:05	21																					218
	03AM-04AM				0.98	421					3:20	–	–	22																	138
	04AM-05AM				0.99	420					–	–	–	22																	136
	05AM-06AM				0.99	415					–	5:30	2:10	22																	132
A-SHIFT	06AM-07AM				0.98	411									6:10	–	–	40													418
	07AM-08AM				0.99	417										–	–	40													416
	08AM-09AM				0.98	423									–	8:45	2:30	40													412
	09AM-10AM				0.99	422	9:10	–	–	21																					216
	10AM-11AM				0.98	424	–	–	–	21																					212
	11AM-12AM				0.99	420	–	11:30	2:20	21																					210
	12PM-01PM				0.98	425													12:00		–	41									396
	01PM-02PM				0.99	430													–	–	–	41									392
B-SHIFT	02PM-03PM		2:38	–	0.96	425													–	2:50	2:50	41									388
	03PM-04PM		–	3:03	0.99	421					3:05	–	–	21																	132
	04PM-05PM				0.98	416					–	–	–	21																	130
	05PM-06PM				0.99	419					–	5:45	2:40	21																	128
	06PM-07PM				0.96	421									6:10	–	–	40													401
	07PM-08PM				0.99	420										–	–	40													39[illegible]
	08PM-09PM				0.98	423										8:30	2:20	40													39[illegible]
	09PM-10PM				0.99	426	9:15	–	–	21																					216
C-SHIFT	10PM-11PM				0.98	420	–	–	–	21																					212
	11PM-12AM				0.99	425	–	11:55	2:40	21																					216
PUMPS RUNNING HOURS									7:05				4:50				4:50				2:50										

SHIFT	SHIFT INCHARGE	Name OPERATORS	Name HELPER/SWEEPERS	Flow Totalizer MLD	REMARKS	SIGNATURE SHIFT INCHARGE	SIGNATURE PLANT MANAGER	SIGN/REMARKS BY CLIENT
A(06:00AM-02:00PM)	Shravan Kumar	Javed Khan	Jaykaran Kumar	6.70 MLD		[signature]	CHEMECO ENGINEERS KANPUR DELHI [stamp, signature]	
B(02:00PM-10:00PM)	Nagendra	Shivam Singh	Ravi kumar			[signature]		
C(10:00PM-06:00AM)	Om Prakash Pal	Sandeep kumar	Ajay Singh			[signature]		

[signature] 31/3/20

Annex-6

30 MLD STP JAUNPUR

DAILY PERFORMANCE REPORT OF SEW… E SAMPLE

NAME OF SITE:- 30 MLD STP JAUNPUR

MONTH= …RIL-2024

Date	Sewage Received In Mld	INLET PH	INLET TSS (mg/l)	INLET COD (mg/l)	INLET BOD (mg/l)	INLET TKN (mg/l)	INLET TN (mg/l)	INLET TP (mg/l)	OUTLET PH	OUTLET …SS (mg/l)	OUTLET COD (mg/l)	OUTLET BOD (mg/l)	OUTLET TN (mg/l)	OUTLET TP (mg/l)	…cal …from	Residual Chlorine (ppm)	SLUDGE Consentency	SLUDGE Fecal Coliform	SINGNATURE CHEMIST	SINGNATURE UPJN	REMAR…
01.04.2024	26.37	7.5[illegible]	220	260	110	26	37.9	3.0	7.76	7.0	28	6.0	5.1	0.4		0.4	23.06	1400000	[signature]		
02.04.2024	27.45	7.68	250	300	135	28	36.8	4.5	7.82	7.0	32	6.5	6.4	0.5		0.3	20.34	2000000	[signature]		
03.04.2024	26.75	7.6[illegible]	249	312	120	30	37.0	3.1	7.69	10.0	36	7.5	6.6	0.3	5	0.5	24.92	1600000	[signature]		
04.04.2024	27.28	7.6[illegible]	235	288	130	32	38.9	2.8	7.74	8.0	40	8.0	6.3	0.4	5	0.4	22.70	1500000	[signature]		
05.04.2024	26.43	7.65	245	296	135	30	37.3	2.5	7.80	7.0	44	8.5	5.8	0.5	10	0.3	20.42	1900000	[signature]		
06.04.2024	27.45	7.7[illegible]	260	300	135	34	38.6	3.2	7.86	9.0	40	8.0	6.2	0.4	0	0.5	24.58	1200000	[signature]		
07.04.2024	26.78	7.7[illegible]	255	292	130	32	39.5	3.5	7.83	7.0	36	7.5	6.0	0.5	15	0.4	22.42	1600000	[signature]		
08.04.2024	26.19	7.7[illegible]	265	308	140	35	40.2	3.2	7.80	8.0	40	8.0	7.1	0.3	20	0.3	20.68	1900000	[signature]		
09.04.2024	27.13	[illegible]	250	304	135	30	35.7	2.5	7.85	9.0	28	6.0	5.1	0.4	20	0.5	24.90	1200000	[signature]		
10.04.2024	26.75	7.63	240	284	125	33	37.9	5.3	7.78	8.0	36	7.5	6.3	0.5	15	0.4	22.68	1500000	[signature]		
11.04.2024	27.45	7.6[illegible]	225	276	120	28	38.3	4.6	7.82	7.0	28	6.0	5.2	0.3	10	0.3	20.59	1800000	[signature]		
12.04.2024	26.68	7.63	245	288	130	28	35.9	2.0	7.87	9.0	32	6.5	5.5	0.4	20	0.5	24.84	1200000	[signature]		
13.04.2024	27.13	7.74	230	280	125	30	36.7	2.5	7.90	6.0	28	6.0	5.2	0.5	40	0.4	22.65	1500000	[signature]		
14.04.2024	27.48	7.6[illegible]	235	292		33	38.4	3.6	7.88	8.0	32		6.3	0.3	50	0.3	20.48	1900000	[signature]		
15.04.2024	26.99	7.72	240	272		34	36.9	4.4	7.86	7.0	28		5.8	0.5	125	0.5	24.80	1700000	[signature]		
16.04.2024	27.41	7.67	225	264		30	37.4	2.8	7.88	6.0	32		5.3	0.4		0.4	22.14		[signature]		
17.04.2024	27.08	7.76	235	276		28	39.5	2.2	7.85	6.0	28		5.6	0.5		0.3	20.38		[signature]		
18.04.2024	27.46	7.71	240	280		26	35.4	2.0	7.90	8.0	32		6.0	0.2		0.5	24.64		[signature]		

Annexure- VII

Item No.12 Court No. 1

BEFORE THE NATIONAL GREEN TRIBUNAL
PRINCIPAL BENCH, NEW DELHI

Execution Application No. 32/2023
in
Original Application No. 490/2019

T. S. Singh Applicant

Versus

State of Uttar Pradesh Respondent

Date of hearing: 21.02.2024

CORAM: HON'BLE MR. JUSTICE PRAKASH SHRIVASTAVA, CHAIRPERSON
HON'BLE MR. JUSTICE SUDHIR AGARWAL, JUDICIAL MEMBER
HON'BLE DR. A. SENTHIL VEL, EXPERT MEMBER
HON'BLE DR. AFROZ AHMAD, EXPERT MEMBER

Respondent: Mr. Bhanwar Pal Singh Jadon & Mr. Hardik Saxena, Advs. with Mr. Amrit Abhijat, Principal Secretary, UD (Through VC) and Mr. Amit Singh, MD, UP Jal Nigam (Through VC)
Mr. Pradeep Misra & Mr. Daleep Dhyani, Advs. for UPPCB (Through VC)
Mr. Vikrant Pachnanda, Adv. for CPCB (Through VC)
Ms. Simran Sehgal, proxy counsel for Ms. Priyanka Swami, Adv. (Through VC)

ORDER

1. Tribunal in this proceeding is considering the performance of the authorities in State of Uttar Pradesh particularly in Districts Pratapgarh, Raebareli and Jaunpur in preventing discharge of untreated sewage into Sai River.

2. In the proceedings dated 01.12.2023, Tribunal had taken note of the fact that cryptic action taken report was filed under the signature of Principal Secretary, Urban Development State of UP on 29.11.2023 and that full and correct particulars relating to compliance of the earlier order dated11.09.2023 were not disclosed, therefore, Tribunal had directed the Principal Secretary, Urban Development State of UP to remain present on the next date of hearing.

3. The Principal Secretary, Urban Development State of UP is present today.

4. Affidavit dated 05.02.2024 has been filed on behalf of Principal Secretary, Urban Development State of UP along with reports in respect of the discharge from municipalities in question and on perusal of the said report, we find as follows:-

I. In Para 4 of the report, it is indicated that from the drains namely Ramleela drain at Pratapgarh 0.2 MLD and Bhuliyapur Drain 1.7 MLD is being treated in two newly constructed wetland having capacity of 2.5 MLD and 0.5 MLD. However, during the discussions the Principal Secretary, Urban Development, clarified that the same is not a wetland but stabilization pond. Further the officers were unable to explain the mode of treatment in stabilization pond in reference to the capacity and retention time of sewage in the stabilization pond, to ensure continuous flow from the drain. Mode of disinfection is also not spelt out. As per consent granted to 8.9 MLD Bela Pratapgarh STP, treated effluents are required to be utilized for irrigation purpose rather than discharging into river but untreated effluents are also entering the river, thus, there is no improvement in water quality.

II. Further at para 8, seven drains at Raebareli carrying a load of 32.8 MLD are stated to be treated through bio-remediation method. With regard to bio-remediation method, there are serious doubts about the effectiveness and the same has been indicated by CPCB earlier that the bio remediation method for sewage treatment is not an effective method. The water analysis report after bio-remediation provided by the Counsel casts

serious doubts as after bio remediation, COD and TSS level have come down considerably. We are unable to understand how the bio remediation can bring down these chemical and physical parameters. Further, against the current generation of sewage estimated to 33 MLD, existing treatment capacity is 18 MLD and presently, only 3 MLD is actually treated. For STP of 16 MLD which is still under planning stage, no timeline has been given and therefore actual gap in Raebareli is 30 MLD.

III. At pages 201 to 231 of the report, the electricity consumption by the STPs have been enclosed in the chart form. On examination of these charts, it is observed that there is hardly any consumption of electricity by the STPs and in some places the electricity is available only for few hours in a day. Hence, we are unable to understand how the STPs are functioning and the sewage is being treated. Thus, it appears that untreated sewage is still flowing into the river in spite of STPs being provided at some locations. Hence, the discharge water quality standards provided by the PCB cannot be relied upon.

IV. On examination of the reports, it is also observed that on several locations, fecal coliforms and total coliforms are very high and effluents are being discharged into the river and thereby making river water unfit for bathing and not meeting primary water quality criteria.

V. It was also informed that funds are awaited from various schemes such as AMRUT, etc. However, the funds are already available under the ringfenced account earmarked for sewage treatment as directed by the Tribunal in OA 606/2018. It is not clear as to why the reingfenced amount is not being utilized for the construction of the STPs.

VI. With respect to Jaunpur, it is stated that in 30 MLD STP, 26 MLD from 14 drains is treated and no drain from Jaunpur is meeting river Gomti. However, it has not been disclosed as to where 26 MlD of treated sewage is being disposed.

5. In view the observations made above, Principal Secretary, Urban Development State of UP is directed to file a fresh action taken report within six weeks by e-mail at judicial-ngt@gov.in preferably in the form of searchable PDF/ OCR Support PDF and not in the form of Image PDF.

6. A copy of this order be forwarded to Principal Secretary, Urban Development State of UP by email for compliance.

7. Central Pollution Control Board is also directed to submit independent test report of the samples taken from discharge from STPs in the district cities in question i.e. Pratapgarh, Raebareli and Jaunpur, along with factual status on mode of disposal of treated effluents from STPs and from untapped drains. CPCB may further provide water quality analysis report of river Sai at different locations, within a period of six weeks by e-mail at judicial-ngt@gov.in preferably in the form of searchable PDF/ OCR Support PDF and not in the form of Image PDF.

8. List on 01.05.2024.

Prakash Shrivastava, CP

Sudhir Agarwal, JM

Dr. A. Senthil Vel, EM

Dr. Afroz Ahmad, EM

February 21, 2024
Execution Application No. 32/2023
in Original Application No. 490/2019
JG.