Action Taken Report in Original Application No. 627/2022 titled as Parkash Yadav Versus State of Haryana in Hon'ble National Green Tribunal, Principal Bench, New Delhi.

1. BACKGROUND

Hon'ble NGT vide order dated 30.09.2022 in Original Application No. 627/2022 titled as Parkash Yadav Versus State of Haryana issued direction whose relevant portion is as below:-

"2. The applicant has submitted that sewage from various STPs established in District Rewari is being discharged in hundreds of acres of vacant land of Sahabi river situated near village Kharkhara, Khaliawas on Delhi Jaipur National Highway. The consequent water logging has contaminated groundwater and contaminated water which comes out of the hand pumps and tubewells gives foul smell. The stagnated sewage has also destroyed trees and other vegetation in the above said land which will also become infertile if no action is taken to prevent such discharge of sewage. Due to drinking of contaminated ground water residents of village Kharkhara, Khaliawas, Bhatsana, Tatarroop, Nikhri, Masani, Rasgan, Dungerwas, Titherpur, Alawalpur and Dharuhera etc. have become vulnerable to pandemic/water born diseases.

3. In view of the averments made in the application, we consider it appropriate to have response of (1) State of Haryana through its Chief Secretary, Government of Haryana (2) HSPCB (3) Commissioner, Municipal Corporation, Rewari, and (4) District Magistrate, Rewari who stand impleaded as respondents No. 1 to 4. The Registry is directed to prepare and attach memo of parties to the application and issue notices to respondents No. 1 to 4 accordingly.

4. In view of the allegations made in the application, we also consider it appropriate that a Joint Committee be constituted to verify the factual position. Accordingly, we constitute a Joint Committee comprising of representatives of HSPCB, Commissioner, Municipal Corporation, Rewari and District Magistrate, Rewari and direct the same to meet within four weeks, undertake visits to the site, look into the grievances of the applicant, associate the applicant and representative of the concerned project proponents verify the factual position and submit its report within one month by e-mail at judicial-ngt@gov.in preferably in the form of searchable PDF/OCR Supported PDF and not in the form of Image PDF. The State PCB will be the nodal agency for coordination and compliance.

5. In case the Joint Committee observes any violation of consent conditions/environmental norms, then it shall forward a copy of its report to:-

(i) The concerned Project Proponents to enable them to comply with the recommendations in the report of the Joint Committee or file objections against the observations/recommendations contained in the same and file their response before this Tribunal within one month from the date of receipt of a copy of the report of the Joint Committee by e-mail at judicialngt@gov.in preferably in the form of searchable PDF/OCR Supported PDF and not in the form of Image PDF; and

(ii) The concerned Statutory Authorities including State PCB and District Magistrate, Rewari to enable them to take appropriate remedial action, in accordance with Statutory provisions mandating them to take remedial action for prevention, control and abatement of environmental pollution/degradation and for protection and improvement of environment, by giving notice to/hearing the project proponent and following due process of law within one month from the date of receipt of a copy of the report of the Joint Committee by email at judicial-ngt@gov.in preferably in the form of searchable PDF/OCR Supported PDF and not in the form of Image PDF.

6. List for further consideration on 18.01.2023......".

2. DETAIL OF INSPECTION

- I. In compliance of the Hon'ble NGT order dated 30.09.2022, Worthy Deputy Commissioner, Rewari constituted a Joint Committee vide letter No. 3715-20 dated 14.11.2022 of the followings officer to submit the action taken report as follows:-
 - 1. The Additional Deputy Commissioner, Rewari Chairman
 - 2. The Regional Officer, HSPCB, Rewari Vice Chairman
 - 3. The Executive Engineer, PHED, Rewari Member
 - 4. The Executive Engineer, Irrigation, Rewari Member
 - 5. The Executive Engineer, MC, Rewari Member
- II. In compliance of above order, the Joint Committee visited the site along with complainant Sh. Parkash Yadav S/o Sh. Fateh Singh, VPO Kharkhara on 25.11.2022. Copy of attendance sheet, meeting proceeding and photographs is enclosed as **Annexure-I.** During

inspection, the Joint Committee collected the samples at the following locations:-

- i) 3 points nearby Mansani Barrage
- ii) Outlet of pipeline carrying effluent of Rewari City in LBS channel,
 Village Jarthal.
- iii) Outlet of 9.5 MLD, STP, PHED, Village Kharkhara, Dharuhera.
- iv) Outlet of 5 MLD STP, HSVP, Dharuhera.
- v) Outlet of 16 MLD, STP, PHED, Nasiaji Road, Rewari
- vi) Outlet of 08 MLD, STP, PHED, Nasiaji Road, Rewari
- vii) Outlet of 6.5 MLD, STP, PHED, Village Kaluwas, Rewari
- viii) Outlet of 3.5 MLD, STP, PHED, Bawal

The Joint Committee observed that 03 Nos. of STPs i.e. i) 5 MLD STP, HSVP, Dharuhera, ii) 9.5 MLD, STP, PHED, Village Kharkhara, Dharuhera, iii) 3.5 MLD, STP, PHED, Bawal having discharge after treatment into Masani Barrage through pipe lines laid for discharge and 03 Nos. of STPs i.e. i) 16 MLD, STP, PHED, Nasiaji Road, Rewari, ii) 08 MLD, STP, PHED, Nasiaji Road, Rewari and 6.5 MLD, STP, PHED, Village Kaluwas, Rewari having discharge into Lal Bahadur Shastri (LBS) recharge channel at Village Jharthal, Rewari after treatment ultimately leading to Masani Barrage.

The Joint Committee observed that Masani Barrage having water accumulation from different sources i.e. Rain Water, Canal Water of Irrigation Department and Treated Effluent from STPs of PHED and HSVP of District Rewari.

III. As per the analysis report received from Board's laboratory at Faridabad, parameters of outlet of STPs are mentioned below:-

Name of STP	5 MLD,	9.5 MLD,	16 MLD,	8 MLD,	6.5 MLD,	3.5 MLD,	Prescribed
	HSVP,	PHED,	PHED,	PHED,	PHED,	PHED,	Limits
(Technology)	Dharuhera	Kharkhara	Nasaiji	Nasaiji	Village	Bawal	
	(SBR)	(SBR)	Road,	Road,	Kaluwas,	(MBBR)	
		-	Rewari	Rewari	Rewari		
			(SBR)	(MBBR)	(MBBR)		
Colour	Light	Brownish	Brownish	Light	Brownish	Brownish	
	Brownish			Brownish			
Odour	Bad	Bad	Bad	Bad	Bad	Bad	
pH Value	7.1	7.1	7.2	7.4	7.8	7.1	5.5-9.0
Conductivity uS/cm	2070	1630	3250	3010	3490	2610	
Suspended	55	38	60	35	125	72	20
Solids mg/l							and i
B.O.D.(3	28	32	46	19	70	42	10
Days at 270			1				
C) mg/l			-			. 1	

Chemical Oxygen Demand	117.1	149.4	185.8	88.8	294.9	169.1	50
mg/l	201		2.8	BDL	3.2	3.6	10
Oil & Grease mg/	BDL	BDL	2.0	BUL	5.2	5.0	10
Total Nitrogen mg/l	4.6	2.6	3.7	2.6	5.6	7.8	10
Faecal Coliform MPN/100 ml	1500	2100	1700	2000	2400	5500	Less than 100

IV. As per the Analysis Report received from Board's Laboratory at Faridabad, parameters of the 03 Nos. samples collected from Masani Barrage and 01 No. of sample from outlet of pipeline carrying effluent of Rewari City in LBS channel, Village Jarthal, the details are mentioned below:-

Name of sample point	Discharge point of Rewari sewage at Viii Jarthal into LBS Recharge Channel	Effluent sample at view paint, Masani Barrage, NH- 8, Delhi-Jaipur Highway, Dharuhera	Effluent sample Near Masani barrage hand pump Kharkhara Village	Effluent sample of Masani Barrage from approach road Kharkhara to Bhatsana near electricity tower (28.192762 N, 76.757829 E)	Prescribed Standards for Inland Surface Water, Schedule- VI, EP Rules, 1986
Colour	Light	Light Hazy	Light	Light Hazy	
	Blackish		Greenish		
Odour	Bad	Odourless	Odourless	Odourless	
pH Value	7.2	6.9	8.8	7.5	5.5-9.0
Conductivity uS/cm	3320	1090	980	1110	
Suspended Solids mg/l	80	30	55	15	100
B.O.D.(3 Days at 270 C) mg/l	55	6	9	7	30
Chemical Oxygen Demand mg/	240	43.2	68.6	44.4	250
Oil & Grease mg/	BDL	BDL	BDL	BDL .	10
Total Nitrogen mg/l	2.7	1.6	0.7	3.4	
Faecal Coliform MPN/100 ml	1700	400	20	200	

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3. FINDINGS

- I. The Analysis Report suggests that the various parameters of effluent from outlet of 05 No. STPs operated by Public Health Engineering Department, Rewari and 01 No. of STP operated by Haryana Sahari Vikas Pradhikaran (HSVP), Rewari and 01 No of point of discharge at outlet of pipeline carrying sewage effluent of Rewari City into LBS channel, Village Jarthal are not as per standards fixed by HSPCB vide letter dated 02.07.2020.
- II. The parameters of effluent collected from 03 No. of locations from Masani Barrage are within the prescribed limits as per schedule-VI under the Environment (Protection) Rules, 1986.

4. ACTION TAKEN REPORT

- I. The Joint Committee during inspection collected the samples from inlet and outlet of STPs and as per Analysis Report from Board Laboratory at Faridabad, parameters are found exceeding the prescribed limits. Regional Office, HSPCB, Dharuhera has filed prosecution against 04 Nos. of STPs for sample exceeding prescribed limits i.e.
 - a) 16 MLD, PHED, Nasaiji Road, Rewari
 - b) 8 MLD, PHED, Nasaiji Road, Rewari
 - c) 6.5 MLD, PHED, Village Kaluwas, Rewari
 - d) 9.5 MLD, PHED, Kharkhara
- II. The filing of prosecution against 02 Nos. STPs are under processi.e.
 - a) 5 MLD, STP, HSVP, Dharuhera, Rewari
 - b) 3.5 MLD, PHED, Bawal, Rewari
- III. For the violations, Regional Office, Dharuhera has sent the recommendation to head office for imposition of Environment Compensation against 06 Nos of STPs for violation.

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5. RECOMMENDATIONS OF THE COMMITTEE

Based upon the above report:-

- i) Public Health Engineering Department (PHED), Rewari and Haryana Sahari Vikas Pradhikaran (HSVP), Rewari need to upgrade/improve the functioning of STPs under their control and to maintain Sewage/Effluent Discharge Standards for Sewage Treatment Plant as circulated by Haryana State Pollution Control Board vide letter dated 02.07.2020.
- There should be regular cleaning of Masani Barrage and Lal Bahadur Shastri (LBS) Recharge Channel by Irrigation Department, Rewari.
- iii) Public Health Engineering Department, Rewari and Irrigation department should monitor the quality of the effluent fortnightly, coming from 03 Nos. of STPs of city Rewari for discharge point at Vill.- Jarthal into LBS Recharge Channel to keep the various parameters of effluent within prescribed limits.
- iv) Public Health Engineering Department, Rewari and Irrigation Department, Rewari should keep strict vigil on the water level of Masani Barrage so that water should not enter into the fields of nearby villages. Both departments should address the grievance of the nearby villages.
- v) Forest Department should plant trees around Masani Barrage in coordination with Irrigation Department, Rewari.
- vi) Public Health Engineering Department, Rewari should supply the potable drinking water after proper treatment in the villages - Kharkhara, Khaliawas, Bhatsana, Tatarpur, Nikhri, Masani, Rasgan, Dungarwas, Tittarpur, Alwalpur and Dharuhera.

Action taken report is being submitted for kind consideration of this Hon'ble Tribunal, please.

Regional Officer, HSPCB Rewari

Executive Officer, (MC),

Rewari

Additional Deputy Commissioner Rewari

Date. 25/11/202 80. N= Name & Designation Depostment Signature ADC formin, Suapril Btil final 1 Valy25 1122 2 HSPCB Vinod Balyan, RO Pardeck Kuman Irrigation fuf_25/11/22 3. 5 Do (mech-) Mech. Rri 10/22/11/22 PHEDi~. BR Verma (SDD) 4 Rewan mohit 2571/2 PNED-Brwal Mullesh human 505 5. 9812850690. PARKASH 6 fifty yeste YADAV 9992311515 25-111/2022 COMPLAINTAN MC Reway Alumas Naresh kumar 7. ME, MG, Revan

Minutes of inspection of Joint Committee constituted in compliance of Hon'ble NGT order dated 30.09.2022 in Original Application No. 627/2022titled as Parkash Yadav Versus State of Haryana in Hon'ble National Green Tribunal, Principal Bench, New Delhi.

The Hon'ble NGT vide order dated 30.09.2022 in Original Application No. 627/2022 titled as Parkash Yadav Versus State of Haryana directed that:-

In view of the allegations made in the application, we also consider it appropriate that a Joint Committee be constituted to verify the factual position. Accordingly, we constitute a Joint Committee comprising of representatives of HSPCB, Commissioner, Municipal Corporation, Rewari and District Magistrate, Rewari and direct the same to meet within four weeks, undertake visits to the site, look into the grievances of the applicant, associate the applicant and representative of the concerned project proponents verify the factual position and submit its report within one month by e-mail at judicial-ngt@gov.in preferably in the form of searchable PDF/OCR Supported PDF and not in the form of Image PDF. The State PCB will be the nodal agency for coordination and compliance".

In this regard, Worthy Deputy Commissioner, Rewari constituted a team vide letter No. 3715-20 dated 14.11.2022 of the followings officer to submit the action taken report in OA No. 627/2022 titled as Parkash Yadav Versus State of Haryana in Hon'ble National Green Tribunal, Principal Bench, New Delhi :-

1.	The Additional Deputy Commissioner, Rewari	President
2.	The Regional Officer, HSPCB, Rewari	Deputy President
З.	The Executive Engineer, PHED, Rewari	Member
4.	The Executive Engineer, Irrigation, Rewari	Member
5.	The Executive Engineer, MC,Rewari	Member

In compliance of above order, the joint committee visited the site along with complainant Sh. Parkash Yadav S/o Sh. Fateh Singh, VPO Kharkhara on 25.11.2022. During inspection, the joint committee collected the samples of below points:-

- 1. 3 points of Mansani Barriage
- 2. Outlet of pipeline carrying effluent of Rewari City in LBS channel, Village Jarthal.
- 3. Outlet of 9.5 MLD, STP, PHED, Village Kharkhara, Dharuhera.
- 4. Outlet of 5 MLD STP, HSVP, Dharuhera.
- 5. Outlet of 16 MLD, STP, PHED, Nasiaji Road, Rewari
- 6. Outlet of 08 MLD, STP, PHED, Nasiaji Road, Rewari
- 7. Outlet of 6.5 MLD, STP, PHED, Village Kaluwas, Rewari
- 8. Outlet of 3.5 MLD, STP, PHED, Bawal

The samples have been sent to Board's lab for analysis. Attendance sheet of the joint team is enclosed herewith.

Regional Officer,

HSPCB, Rewari

Sub Divisional Engineer PHED, Rewari

Sub Divisional Engineer

Irrigition, Rewari

Municipal Engineer, Municipal Council, Rewari

Parkash Yadav, Vill- Kharkada

Petitioner

Additional Deputy Commissioner- Cum- Chairman,

Rewari











































Haryana State Pollution Control Board

REGIONAL OFFICE, REWARI at SCO-D6 & D-7, SUNCITY COMMERICIAL COMPLEX, Sector-6, A-BLOCK REWARI E-Mail: <u>hspcbrodr@gmail.com</u>

То

The Chairman, Haryana State Pollution Control Board, Panchkula.

Sub.:- Recommendation for Environmental Compensation of M/s Executive Engineer, PHED Bawal STP Bawal, Khera Murar Road, Bawal.

Ref.: - Show Cause Notice was issued vide no. I/145687/2022 dated 13.12.2022.

In this connection, it is intimated that the performa for recommendation for Environmental Compensation Assessment report – M/s Executive Engineer, PHED Bawal STP Bawal, Khera Murar Road, Bawal, Distt. Rewari is enclosed herewith.

DA/- As above

Signed by Vinod Balyan Date: 19-12-2022 14:22:04 Regional Officer, Dharuhera Region

1 2 3 4	Name & address of the unit Name and designation of the officer(s) inspected the unit	Kne	ra Murar I	D Bawal STP Bawal (E Road, Bawal)		r, 3 MLD 51
3	Name and designation of the	25.1	d agaa (i	(awai)		
3	Name and designation of the		1 2022 116	int Toom of CI III I	DI DO C	
No. of Concession, name			1.2022 (10)	int Team of Sh. Vinod	Balyan, R.O, Sh.	Harish Kur
No. of Concession, name	oncer(s) inspected the unit	CL	Dardson V	tesh Sharma, SDE PHEI), Sh. Khushi Ram	, DPC Rewa
No. of Concession, name	Product(a) and his and had	Sn.	rardeep K	umar SDE Irrigation, Sh.	. Parveen JE, PHEL	D,)
	Product(s) and bio-products			nent Plant		
5	Manufacturing process	the second se	station in the second se	nent Plant		
6	Status of CTE	Completion of the local division of the	Egranted.			
0	Status of CTO			vide No. 320220918REV	VCTOW5096504 da	ated 11.04.20
7		strange and the set of the	d upto 30.(
1	Date of inspection of the unit	25.1	1.2022 (Joi	int Team of Sh. Vinod	Balyan, R.O, Sh.	Harish Kum
		AE	E, Sh. Muk	esh Sharma, SDE PHEL), Sh. Khushi Ram	, DPC Rewa
				umar SDE Irrigation, Sh.		
8	Date of commissioning	31.0	3.2014			
9	Detail of violation observed	1.0	perational	/ not operational- Operational-	ational.	
	during inspection:	2. E	stablished	and Operating without (TE/CTO of the Bo	oard-NA.
	-	3. 1	ETP/STP	not installed/ not ad	equate- STP Inst	alled but r
,			rating satis		· · · ·	
				nstalled/ not adequate-]	NA	
				mping/by-passing the		ions – Sam
			eding the			
			thers			
10	Category of the unit	Red				
		Sma				
11	Complaint / Court case, if	NA				
	any.					
12	Detail of sampling and		Type of	A/R no. & date	Parameter	Results
	analysis of effluent/air		sample			
	emission exceeding the norms.		Effluent	899-900 dated	BOD	12
			Dinacini	04.10.2021	SS	31
					COD	64
					Faecal Caliform	21000
			Effluent	3537 dated 10.01.2021	BOD	17
			Emuent	5557 ualeu 10.01.2021	SS	17
					COD	10 60
					Faecal Caliform	200
			Effluent	4786 dated 08.04.2022	Faecal Caliform	200
			Effluent	110 dated 09.07.2022	BOD	95
					SS	288
					COD	360
					Faecal Caliform	9000
			Effluent	745 dated 12.10.2022	BOD	102
					SS	170
					COD	392
					Faecal Caliform	2100
			Effluent	1166 dated 05.12.2022	BOD	42
			Landeriv		SS	72
					COD	169.1
					Faecal Caliform	5500
	Reasons for not collection of	NA				
13						
13	samples, if not collected.					

		r			~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
14	Detail of Show Cause Notice	Show Cause	notice was issued vide	no. I/145687/2022	dated 1
15	for EC issued with date.	(Copy attach	ed as Annexure-I).		
15	Reply of Show Cause Notice, if any received.	NA	Gr.	S 1.	
16	No. and date of closure order issued by the Board	NA.			
17	Compliance of closure order if applicable.	NA.			
18	Present status of compliance	Non-Comply	ving.		
10	made by the unit, if any after issue of show cause notice.				
19	Cases for levying environmental compensation:- a) Units discharging the environmental pollutants in excess of the standards prescribed under EP Rules,	25.11.202 AEE, SH Rewari, the result which ar	e inspection has been c 22 (Joint Team of Sh. Vir n. Mukesh Sharma, SD Sh. Pardeep Kumar SDE Its of STP outlet were fo e as under:-	nod Balyan, R.O, Sł DE PHED, Sh. Khu E Irrigation, Sh. Par	1. Harish Kuma 1shi Ram, DP veen JE, PHED
	1986 and as prescribed in the consent granted to such	Type of sample	A/R no. & date	Parameter	Results
	units under Water Act, 1974/Air Act, 1981.	Effluent	899-900 dated 04.10.2021	BOD SS COD Faecal Caliform	12 31 64 21000
	b) Not complying with the directions issued, such as direction for closure due to non-installation of	Effluent	3537 dated 10.01.2021	BOD SS COD Faecal Caliform	17 18 60 200
	OCEMS, non-adherence to the action plans submitted	Effluent	4786 dated 08.04.2022	Faecal Caliform	200
	etc. c) Intentional avoidance of data submission or data manipulation by	Effluent	110 dated 09.07.2022	BOD SS COD Faecal Caliform	95 288 360 9000
	tempering the Online Continuous Emission/ Effluent Monitoring system.	Effluent	745 dated 12.10.2022	BOD SS COD Faecal Caliform	102 170 392 2100
	d) Accidental discharges lasting for short durations resulting into damage to the environment.	Effluent	1166 dated 05.12.2022	BOD SS COD Faecal Caliform	42 72 169.1 5500
	 e) Intentional discharges to the environment including bypassing the pollution control devices land, water and air resulting into acute injury or damages to the environment. f) Injection of 				
Sully.	 i) Injected/partially treated/ treated/partially treated/ untreated effluent to ground water. g) All violations of Graded 				

 20	 Response Action (GRAP) in Delhi NCR h) Failure of preventing pollutants discharged in water b and failure to imple Waste Management R Date of last inspection sampling i.e. prior pr inspection (Water and/o and/or other pollution 	g the being odies ment ules. and resent	(Joint Team of Mukesh Sharm	Sh. Vinod Balyan, R.C na, SDE PHED, Sh. K	the above said STP on 25.11.2022 D, Sh. Harish Kumar AEE, Sh. hushi Ram, DPC Rewari, Sh. rveen JE, PHED,) the results of
	and, or outer ponution		STP outlet were	found exceeding the pr	escribed limit.
21	environmental compens		NA,	Tourie exceeding the pr	
22	Final recommendations if	any			
23	Final compensation or Int	terim	Final		
En	vironment Compensation	to be le	evied on Industr	ial Units	· · ·
24	PI - Pollution Index (Rec	1:80,	80		
	Orange : 50 and Green : 3	0)			
25	N - No of days of violatio	n	535 days (from	n 02.07.2021 i.e. the da	ate upto which unit needs to
					order dated 02.07.2020 and date
				oto till date i.e. 19.12.2022	2)
26	R - Factor in Rupees		250		
27	S - Factor for scal operation (0.5 for mic	ro or	0.5		
	small, 1.0 for medium an	nd 1.5			
	for large unit)				
28		is per	1		
	census)				
29	$EC = PI \times N \times R \times S \times LF$		80*535*250*0.5*	1	
30	Total Amount calculated		53,50,000/-	OP	
E				OR alations of	
	vironmental Compensatio aded Response Action Pla			olations of	
GI	Activity		of Air Quality	Environmental	Recommended by RO
	Activity	State	of All Quality	Compensation (Rs.)	Recommended by RO
31	Industrial Emissions	Severe	e +/Emergency	Rs. 1.0 Crore	NA
51	Industrial Linissions	Severe		Rs. 50 Lakh	NA
		Very I		Rs. 25 Lakh	NA
			rate to Poor	Rs. 10 Lakh	NA
32	Vapour Recovery System				
52	i. Not Installed	Targe		Rs. 1.0 Crore	NA
	ii. Non-Functional	<u>v</u>	poor to Severe+	Rs. 50 Lakh	NA
			rate to Poor	Rs. 25 Lakh	NA
33	Construction sites		e +/Emergency	Rs. 1.0 Crore	NA
00	(Offending plot more	Severe		Rs. 50 Lakh	NA
	than 20,000 Sq.m.)	Very l		Rs. 25 Lakh	NA
	, , ,		rate to Poor	Rs. 10 Lakh	NA
34	Solid Waste/garbage dumping in Industrial		poor to Severe	Rs. 25.0 Lakh	NA
	Estates	Mode	rate to Poor	Rs. 10 Lakh	NIA
35	12 × 1 19 14			13. 10 LANI	NA
	a) Hot-spots	Very	poor to Severe	Rs. 25.0 Lakh	NA
	b) Other than Hot- spots	+ Very +	poor to Severe	Rs. 10.0 Lakh	NA

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	OR	
36	Environmental Compensation to be levied in case of failure of	Recommendation of RU
50	Environmental Compensation to be levied in case of function	tion of RO
	preventing the pollutants being discharged in water bodies and	ST.
	failure to implement waste management rules	
	EC= Capital Cost Factor x [Marginal Average Capital Cost for	
	Treatment Facility x (Total Generation-Installed Capacity) + Marginal	
	Average Capital Cost for Conveyance Facility x (Total Generation -	
	Operational Capacity)] + O&M Cost Factor x Marginal Average O&M	
	Cost x (Total Generation- Operational Capacity) x No. of Days for	
	which facility was not available + Environmental Externality x No. of	
	Days for which facility was not available	
	Alternatively;	
	EC (Lacs Rs.) = [17.5(Total Sewage Generation – Installed Treatment	
	Capacity) + 55.5 (Total Sewage Generation-Operational Capacity)] +	
	0.2(Sewage Generation-Operational Capacity) x N + Marginal Cost of	
	Environmental Externality x (Total Sewage Generation-Operational	
	Capacity) x N	
	Where; $N=$ Number of days from the date of direction of	
	CrCb/SPCB/PCC till the required capacity systems are provided by	
	the concerned authority	
	Quantity of Sewage is in MLD	
	OR	
37	Environment Compensation to be Levied on Concerned	Recommendation of RO
	Individual/Authority for Improper Solid Waste Management:	
	EC = Capital Cost Factor x Marginal Average Cost for Waste	NA
	Management x (Per day waste generation-Per day waste disposed as	
	per the Rules) + O&M Cost Factor x Marginal Average O&M Cost x	
	(Per day waste generation-Per day waste disposed as per the Rules) x	
	Number of days violation took place + Environmental Externality x N	
	Where;	
	Waste Quantity in tons per day (TPD) N= Number of days	
	from the date of direction of CPCB/SPCB/PCC till the required	
	capacity systems are provided by the concerned authority	
	Simplifying;	
	EC (Lacs Rs.) = 2.4 (Waste Generation - Waste Disposed as per the	
	Rules) +0.02 (Waste Generation - Waste Disposed as per the	
1	Kules, volu (vasie Generation - vvasie Dispuseu as per the Kules) x	
	N + Marginal Cost of Environmental Externality x (Waste Generation	

DA/- as above

Signature of Field Officer HSPCB, Dharuhera Region Signature of Regional Officer HSPCB, Dharuhera Region



FORM j (See Rule 20)

Report No.:- 1161 Dated-December 05, 2022

I, hereby, certify that I Narender Hooda as Board Analyst, duly appointed under sub section (3) of section 53 of Water (Prevention and control of Pollution) Act, 1974(6 of 1974) received on the 26th day of November, 2022 from Sh. Vinod Balyan, R.O, Sh. Harish Kumar AEE, Sh. Mukesh Sharma, SDE PHED, Sh. Khushi Ram, DPC Rewari, Sh. Pardeep Kumar SDE Irrigation, Sh. Parveen JE, PHED, a sample of domestic effluent of M/s Executive Engineer, 3.5 MLD, STP, PHED, Nangla Parsapur Road, Bawal, collected on 25.11.2022 from the Bypass of STP for analysis. The Sample was in a condition fit for analysis reported below:-

I further certify that I have analyzed the afore-mentioned sample on 26/11/2022 to 05/12/2022 and declare the result of analysis to be as follow:-

Sr. No.	Parameter	From the Bypass of STP	Prescribed Limits	Method of Testing
1.	Colour	Brownish		As per relevant parts of IS:3025
2.	Odour	Bad		(Part-I) 1987
3.	pH Value	7.1	5.5-9.0	and Standard Methods for the
4.	Conductivity µS/cm	2610		Examination of water and waste
5.	Suspended Solids mg/l	· 72	20	water APHA(23 rd edition) 2017
6.	B.O.D.(3 Days at 27 ⁰ C) mg/l	42	10	
7.	Chemical Oxygen Demand mg/l	169.1	50	
8.	Oil & Grease mg/l	3.6	10	
9.	Total Nitrogen mg/l	7.8	10	
10.	Fecal Coliform MPN/100 ml	5500	<100	

The condition of the seals, fastening and container on receipt was as follow:

Container had its seals found intact in order; slip on the container had the signature of the representative of the industry and the board representative.

Signed this on 05th day of December, 2022

Laboratory of the Haryana State Pollution Control Board Sector-16 A, Faridabad

То

The Member Secretary Haryana State Pollution Control Board C-11, Sector -6, Panchkula (Haryana)

This test report relate only to the particular sample submitted for testing

Haryana State Pollution Control Board

REGIONAL OFFICE, REWARI at SCO-D6 & D-7, SUNCITY COMMERICIAL COMPLEX, Sector-6, A-BLOCK REWARI E-Mail: <u>hspcbrodr@gmail.com</u>

То

The Chairman, Haryana State Pollution Control Board, Panchkula.

Sub.:- Recommendation for Environmental Compensation of M/s Executive Engineer STP 5 MLD, HUDA, Sec-6, Dharuhera.

Ref.: - Show Cause Notice was issued vide no. I/145065/2022 dated 13.12.2022.

In this connection, it is intimated that the performa for recommendation for Environmental Compensation Assessment report – M/s Executive Engineer STP 5 MLD, HUDA, Sec-6, Dharuhera, Distt. Rewari is enclosed herewith.

DA/- As above

Signed by Vinod Balyan Date: 19-12-2022 14:25:48 Regional Officer, Dharuhera Region

T	Name & address of the unit	M/s EXECURITVE ENGINEER STP 5 MLD, HUDA, Sec-6, Dharuhera		
2	Name and designation of the officer(s) inspected the unit	25.11.2022 (Joint Team of Sh. Vinod Balyan, R.O, Sh. Harish Kumar AEE, Sh. Pardeep Kumar, SDE, Irrigation, Sh. Rohit, JE, HSVP, Sh. Naresh Kumar, ME, MC & Sh. Parkash Complainant)		
3	Product(s) and bio-products	Sewage Treatment Plant		
4	Manufacturing process	Sewage Treatment Plant		
5	Status of CTE	CTE granted.		
6	Status of CTO	CTO granted vide No. 329973821REWCTOW12019151 dated 17.09.2018 valid upto 30.09.2023.		
7	Date of inspection of the unit	25.11.2022 (Joint Team of Sh. Vinod Balyan, R.O, Sh. Harish Kuma AEE, Sh. Pardeep Kumar, SDE, Irrigation, Sh. Rohit, JE, HSVP, Sh Naresh Kumar, ME, MC & Sh. Parkash Complainant)		
8	Date of commissioning	01.09.2019		
9	Detail of violation observed during inspection:	 Operational / not operational- Operational. Established and Operating without CTE/CTO of the Board- NA ETP/STP not installed/ not adequate- STP Installed but no operating satisfactory. APCM not installed/ not adequate- NA Reverse pumping/by-passing the effluent/air emissions - Sample exceeding the norms. Others 		
10	Category of the unit	Red Small		
11	Complaint / Court case, if any.	NA.		
12	Detail of sampling and analysis of effluent/air emission exceeding the norms.	Type of sampleA/R no. & dateParameterResultsEffluent1158 dated 05.12.2022BOD28SS55COD117.1Faecal Caliform1500		
13	Reasons for not collection of samples, if not collected.	NA		
14	Detail of Show Cause Notice for EC issued with date.	Show Cause notice was issued vide no. I/145065/2022 date 13.12.2022 (Copy attached as <i>Annexure-I</i>).		
15				
16	No. and date of closure order issued by the Board			
17	applicable.			
18	by the unit, if any after issue of show cause notice.			
19	Cases for levying environmental compensation:- a) Units discharging the environmental pollutants in excess of the standards prescribed under EP Rules, 1986 and as prescribed in the consent granted to such units under Water Act, 1974/Air Act, 1981.	on 25.11.2022 (Joint Team of Sh. Vinod Balyan, R.O, Sh. Haris Kumar AEE, Sh. Pardeep Kumar, SDE, Irrigation, Sh. Roh JE, HSVP, Sh. Naresh Kumar, ME, MC & Sh. Parkas Complainant) the results of STP outlet were found exceeding to prescribed limit which are as under:-		

a

e,

	b) Not complying with the	Type of sample	A/R no. & date	Parameter	Result
	b) Not complying with the directions issued, such as		1000		
61	direction for closure due to non-	Effluent	1158 dated 05.12.2022	BOD	28
	installation of OCEMS, non-			SS	55
	adherence to the action plans			COD	117.1 1500
	submitted etc.			Faecal Caliform	1500
	c) Intentional avoidance of data				
	submission or data				
	manipulation by tempering the				
	Online Continuous Emission/				
	Effluent Monitoring system.				
	d) Accidental discharges lasting for				
	short durations resulting into		<u>)</u>		
	damage to the environment.				
	aunage to the environment.				
	e) Intentional discharges to the				
	environment including				
	bypassing the pollution control				
	devices – land, water and air				
	resulting into acute injury or				
	damages to the environment. f) Injection of treated/partially				
	treated/ untreated effluent to				
	ground water.				
	g) All violations of Graded				
	Response Action Plan (GRAP)				
	in Delhi NCR area.				
	h) Failure of preventing the				
	pollutants being discharged in				
	water bodies and failure to				
	implement Waste Management				
20	Rules.	TT1	the has here and t		· 1 CTD
20	Date of last inspection and		tion has been carried		
	sampling i.e. prior present inspection (Water and/or Air		Joint Team of Sh. Vinod ardeep Kumar, SDE, Irrig		
	and/or other pollution		mar, ME, MC & Sh. Park		
	and/or other pollution		were found exceeding th		
			vere found exceeding the		uie result
21	Justification of imposing	NA,			
	environmental compensation for				
	last five year				
22	Final recommendations if any	Final			
23 En	Final compensation or Interim vironment Compensation to be levied		al Units		
24					
	Orange : 50 and Green : 30)				
25	N - No of days of violation		rom 25.11.2022 date of	inspection upto	till date
		19.12.2022)		•	
26	R - Factor in Rupees	250			
27	S - Factor for scale of operation (0.5	0.5			
	for micro or small, 1.0 for medium				
	and 1.5 for large unit)				
	LIV Location Hoston (as man as a l	1			ليا ؟ طبق فنوي محمد ا
28	LF - Location Factor (as per census)	00+04+0=0+0) E*1		
28 29 30	$EC=PI \times N \times R \times S \times LF$ Total Amount calculated	80*24*250*0 2,40,000/-).5*1		

*

Cra	vironmental Compensation t	OR o be levied on all violatio	ons of	
Gia	action Plan (GRAP) in NCR	511 3 01	
	Activity	State of Air Quality	Environmental Compensation (Rs.)	Recommended by RO
31	Industrial Emissions	Severe +/Emergency	Rs. 1.0 Crore	NA
		Severe	Rs. 50 Lakh	NA
		Very Poor	Rs. 25 Lakh	NA
-		Moderate to Poor	Rs 10 Lakh	NA
32	Vapour Recovery System (VRS) at Outlets of Oil Co	mpanies	
	1. Not Installed	Target Date	Rs. 1.0 Crore	NA
	ii. Non-Functional	Very poor to Severe+	Rs. 50 Lakh	NA
-		Moderate to Poor	Rs. 25 Lakh	NA
33	Construction sites	Severe +/Emergency	Rs. 1.0 Crore	NA
	(Offending plot more	Severe	Rs. 50 Lakh	NA
	than 20,000 Sq.m.)	Very Poor	Rs. 25 Lakh	NA
-		Moderate to Poor	Rs. 10 Lakh	NA
34	Solid Waste/garbage	Very poor to Severe +	Rs. 25.0 Lakh	NA
	dumping in Industrial Estates	Moderate to Poor	Rs. 10 Lakh	NA
35	Failure to water sprinkling	on unpaved roads		
	a) Hot-spots	Very poor to Severe +	Rs. 25.0 Lakh	NA
	b) Other than Hot-spots	Very poor to Severe +	Rs. 10.0 Lakh	NA
		OR		
	Average Capital Cost for Operational Capacity)] + (Cost x (Total Generation which facility was not ava			
	Days for which facility was Alternatively;			
	EC (Lacs Rs.) = [17.5(Tota Capacity) + 55.5 (Total S 0.2(Sewage Generation-Op			
	Environmental Externality Capacity) x N Where; N= Number of			
	CPCB/SPCB/PCC till the r concerned authority Quantity of Sewage is in M			
		OR ation to be Levie		
37	Environment Compensa Individual/Authority for In	Recommendation of		
	EC = Capital Cost Fac	Genterit		

1

EC (Lacs Rs.) = 2.4 (Waste Generation - Waste Dispose	
Rules) +0.02 (Waste Generation - Waste Disposed as per th	ie Rules) x N
+ Marginal Cost of Environmental Externality x (Waste	Generation -
Waste Disposed as per the Rules) x N	125.

CA.

1000

DA/- as above

Signature of Field Officer HSPCB, Dharuhera Region Signature of Regional Officer HSPCB, Dharuhera Region



FORM j (See Rule 20)

Report No.:- 1158 Dated- December 05, 2022

I, hereby, certify that I Narender Hooda as Board Analyst, duly appointed under sub section (3) of section 53 of Water (Prevention and control of Pollution) Act, 1974(6 of 1974) received on the 26th day of November, 2022 from Sh. Vinod Balyan, R.O, Sh. Harish Kumar AEE, Sh. Pardeep Kumar, SDE, Irrigation, Sh. Rohit, JE, HSVP, Sh. Naresh Kumar, ME, MC & Sh. Parkash Complainant, a sample of domestic effluent of M/s Executive Engineer, 5 MLD, STP, HSVP, Dharuhera, collected on 25.11.2022 from the Inlet & Outlet of STP for analysis. The Sample was in a condition fit for analysis reported below:-

I further certify that I have analyzed the afore-mentioned sample on 26/11/2022 to 05/12/2022 and declare the result of analysis to be as follow:-

Sr. No.	Parameter	Inlet of STP	Outlet of STP	Prescribed Limits	Method of Testing
1.	Colour	Blackish	Light Brownish		As per relevant parts of IS:3025
2.	Odour	Bad	Bad		(Part-I) 1987 and Standard
3.	pH Value	7.8	7.1	5.5-9.0	Methods for the Examination of
4.	Conductivity µS/cm	5190	2070		water and waste
5.	Suspended Solids mg/l	240	55	20	water APHA(23 rd edition) 2017
6.	B.O.D.(3 Days at 27 ⁰ C) mg/l	120	28	10	
7.	Chemical Oxygen Demand mg/l	476.7	117.1	50	
8.	Oil & Grease mg/l	9.4	BDL	10) , , , , , , , , , , , , , , , , , , ,
9.	Total Nitrogen mg/l	16.8	4.6	10	
10.	Fecal Coliform MPN/100 ml		1500	<100	

The condition of the seals, fastening and container on receipt was as follow:

Container had its seals found intact in order; slip on the container had the signature of the representative of the industry and the board representative.

Signed this on 05th day of December, 2022

Laboratory of the Haryana State Pollution Control Board Sector-16 A, Faridabad

Board Analyst

3

То

The Member Secretary Haryana State Pollution Control Board C-11, Sector -6, Panchkula (Haryana)

This test report relate only to the particular sample submitted for testing

345

Haryana State Pollution Control Board

REGIONAL OFFICE, REWARI at SCO-D6 & D-7, SUNCITY COMMERICIAL COMPLEX, Sector-6, A-BLOCK REWARI E-Mail: <u>hspcbrodr@gmail.com</u>

То

The Chairman, Haryana State Pollution Control Board, Panchkula.

Sub.:- Recommendation for Environmental Compensation of M/s Executive Engineer, Sewage Treatment Plant for 6.5 MLD Kaluwas Road, Rewari.

Ref.: - Show Cause Notice was issued vide no. I/145069/2022 dated 13.12.2022.

In this connection, it is intimated that the performa for recommendation for Environmental Compensation Assessment report – M/s Executive Engineer, Sewage Treatment Plant for 6.5 MLD Kaluwas Road, Rewari is enclosed herewith.

DA/- As above

Signed by Vinod Balyan Date of the second se

	1	Name & address of the unit	M/s Roa	s Executive d, Rewari	e Engineer, Sewage Trea	tment Plant for 6.5	MLD Kaluwas		
ų	2	Name and designation of the officer(s) inspected the unit	25.1 Sh.	25.11.2022 (Joint Team of Sh. Vinod Balyan, R.0, Sh. Harish Kum Sh. Pardeep Kumar, SDE, Irrigation, Sh. Dharambir WPO, PH Khushi Ram Yadav, DPC, Rewari,)					
	3	Product(s) and bio-products			nent Plant				
	4	Manufacturing process			nent Plant				
	5	Status of CTE		E granted.					
	6	Status of CTO	CTC) granted	vide No. 320220918REV	VCTOW5096504 da	ated 11.04.2018		
	7	Date of inspection of the unit	25.1 Sh.	Pardeep k	nt Team of Sh. Vinod Ba Kumar, SDE, Irrigation, Yadav, DPC, Rewari,)				
	8	Date of commissioning	01.1	0.2014					
	9	Detail of violation observed during inspection:	1. C 2. E 3.	perational stablished ETP/STP	/ not operational- Oper and Operating without (not installed/ not ad	CTE/CTO of the Be			
			 operating satisfactory. 4. APCM not installed/ not adequate- NA 5. Reverse pumping/by-passing the effluent/air emissions - Sampexceeding the norms. 1. Others 						
	10	Category of the unit	Red Sma						
	11	Complaint / Court case, if any.	NA	•					
	12	Detail of sampling and		Type of	A/R no. & date	Parameter	Results		
1	12	analysis of effluent/air		sample	Tyn no. a une				
		emission exceeding the norms.		Effluent	926-27 dated 07.10.2021	BOD SS COD Faecal Caliform	90 208 312 140000		
and a state of the				Effluent	3531 dated 10.01.2021	BOD SS COD Faecal Caliform	130 76 572 3300		
				Effluent	4830 dated 13.04.2022	BOD SS COD Faecal Caliform	64 114 260 900		
				Effluent	113 dated 09.07.2022	BOD SS COD Faecal Caliform	46 80 208 1300		
				Effluent	748 dated 10.12.2022	BOD SS COD Faecal Caliform	55 132 224 1800		
	, 4 7 - 1								

			Effluent	1159 dated		SS COD		70 125 294.9
	Carlos Carlos			ette.	•	Faecal C	aliform	2400
13	Reasons for not collection of samples, if not collected.	NA	Ą					1
14	Detail of Show Cause Notice for EC issued with date.		ow Cause	notice was iss	ued vide	no. I/145069	9/2022 da	ated 13.12
15	Reply of Show Cause Notice, if any received.	N/	A	ed as Annexur	e-1).			
16	No. and date of closure order issued by the Board	N	Α.					
17	Compliance of closure order if applicable.	N	Α.					
18	Present status of compliance made by the unit, if any after issue of show cause notice.	No	on-Comply	ing.				
	 Cases for levying environmental compensation:- a) Units discharging the environmental pollutants in excess of the standards prescribed under EP Rules, 		25.11.202 AEE, Sh PHED, S	e inspection ha 2 (Joint Team . Pardeep Kur bh. Khushi Ra re found exceed A/R no. & da	of Sh. Vii mar, SDE m Yadav, ling the p	nod Balyan, , Irrigation, , DPC, Rewa	R.0, Sh. 1 Sh. Dha ari,) the it which a	Harish Ku rambir W results of
	1986 and as prescribed in the consent granted to such units under Water Act, 1974/Air Act, 1981.		Effluent	926-27 07.10.2021	dated	BOD SS COD Faecal Califi		90 208 312 140000
	b) Not complying with the directions issued, such as direction for closure due to		Effluent	3531 dated 10	.01.2021	BOD SS COD Faecal Calif		130 76 572 3300
	non-installation of OCEMS, non-adherence to the action plans submitted etc. c) Intentional avoidance of data submission or data	~	Effluent	4830 dated 13		BOD SS COD Faecal Calif		64 114 260 900
	manipulation by tempering the Online Continuous Emission/ Effluent Monitoring system.		Effluent	113 dated 09.0		BOD SS COD Faecal Calif		46 80 208 1300
	lasting for short durations) Accidental discharges lasting for short durations resulting into damage to	Effluent	748 dated 10.7	12.2022	BOD SS COD Faecal Calif		55 132 224 1800
	e) Intentional discharges to the environment including bypassing the pollution control devices land, water and air resulting into		Effluent	1159 dated 05	5.12.2022	BOD SS COD Faecal Calif		70 125 294.9 2400

	acute injury or damag	es to							
	the environment.								
f) Injection	of	•	X.	137.	124			
	treated/partially trea	ted/		• <i>P</i> *	•);;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;				
	untreated effluent	to		,		,			
	ground water.	1.1							
8	;) All violations of Gr								
	iteo enec	Plan							
	(GRAP) in Delhi NCR								
I	 Failure of preventing pollutants 	being							
	discharged in water b	0							
	and failure to imple								
	Waste Management R				1 - 6 11-	above said STP on 25.11			
20	Date of last inspection					e above said STP on 25.11 Sh. Harish Kumar AEE			
	sampling i.e. prior pr	esent		CDT Innight	n S n I	Sh. Harish Kumar AEE Dharambir WPO, PHED			
	inspection (Water and/o	r Air	Pardeep Kuma	r, SDE, Irrigau	ari) the re	sults of STP outlet were f			
	and/or other pollution		Khushi Ram Ya exceeding the pr	escribed limit	<i>(()</i> , (), (), (), (), (), (), (), (), (), ()				
_	T d'étaites af inne	osing	exceeding the pr	cochoca mine					
21	Justification of imp environmental compens	osing sation	1121						
	for last five year								
22	Final recommendations if	any							
23	Final compensation or Inf	terim	Final						
Env	ironment Compensation	to be le	evied on Industr	ial Units					
24		1 : 80,	80						
	Orange : 50 and Green : 3	0)	535 days (from 02.07.2021 i.e. the date upto which unit needs						
25	N - No of days of violatio	n	upgrade the STP as per Board's policy order dated 02.07.2020 and da						
			of inspection upto till date i.e. 19.12.2022)						
26	R - Factor in Rupees		250						
27	S - Factor for scal		of 0.5						
	operation (0.5 for mic	ro or							
	small, 1.0 for medium a	nd 1.5							
	for large unit)	c por							
28	LF - Location Factor (a census)	is per	1						
29	$EC = PI \times N \times R \times S \times LF$		80*535*250*0.5*	1					
30	Total Amount calculated		53,50,000/-	-					
				OR					
Env	vironmental Compensatio	n to be	e levied on all vie	olations of					
Gra	aded Response Action Pla	n (GK.	of Air Quality	Environmenta		Recommended by R			
	Activity	Jale	JI III Zuully	Compensation					
	Industrial Emissions	Sever	e +/Emergency	Rs. 1.0 Crore		NA			
31		Sever		Rs. 50 Lakh		NA			
31		Dever	D	Rs. 25 Lakh		NA			
31		Very				NA			
31		Very Mode	erate to Poor	Rs. 10 Lakh		INA			
31 32	Vapour Recovery Syster	Very Mode n (VRS	erate to Poor 6) at Outlets of O	il Companies					
	i. Not Installed	Very Mode n (VRS Targe	erate to Poor 6) at Outlets of O et Date	il Companies Rs. 1.0 Crore		NA			
	Vapour Recovery Syster i. Not Installed ii. Non-Functional	Very Mode n (VRS Targe Very	erate to Poor 6) at Outlets of O et Date poor to Severe+	il Companies Rs. 1.0 Crore Rs. 50 Lakh		NA			
32	i. Not Installed ii. Non-Functional	Very Mode n (VRS Targe Very Mode	erate to Poor 6) at Outlets of O et Date poor to Severe+ erate to Poor	il Companies Rs. 1.0 Crore Rs. 50 Lakh Rs. 25 Lakh		NA NA NA			
	i. Not Installed ii. Non-Functional Construction sites	Very Mode n (VRS Targe Very Mode Sever	erate to Poor 6) at Outlets of O et Date poor to Severe+ erate to Poor re +/Emergency	il Companies Rs. 1.0 Crore Rs. 50 Lakh Rs. 25 Lakh Rs. 1.0 Crore		NA NA NA NA			
32	i. Not Installed ii. Non-Functional Construction sites (Offending plot more	Very Mode n (VRS Targe Very Mode Sever Sever	erate to Poor 6) at Outlets of O et Date poor to Severe+ erate to Poor re +/Emergency re	il Companies Rs. 1.0 Crore Rs. 50 Lakh Rs. 25 Lakh Rs. 1.0 Crore Rs. 50 Lakh		NA NA NA NA NA			
32	i. Not Installed ii. Non-Functional Construction sites	Very Mode n (VRS Targe Very Mode Sever Sever Very	erate to Poor 6) at Outlets of O et Date poor to Severe+ erate to Poor re +/Emergency re	il Companies Rs. 1.0 Crore Rs. 50 Lakh Rs. 25 Lakh Rs. 1.0 Crore		NA NA NA NA			

	dumping in Industrial	+		-
	Estates	Moderate to Poor	Rs. 10 Lakh	NA
35	Failure to water sprinkli	40		
£	a) Hot-spots	Very poor to Severe +	Rs. 25.0 Lakh	NA NA C
	b) Other than Hot- spots	Very poor to Severe +	Rs. 10.0 Lakh	NA
			OR	
36	Environmental Compen	nsation to be levied	in case of failure of	Recommendation of RO
	preventing the polluta	nts being discharged	in water bodies and	
	failure to implement wa	ste management rules		
	EC= Capital Cost Fac	tor x [Marginal Aver	age Capital Cost for	
	Treatment Facility x (To Average Capital Cost 6	tal Generation-Installe	d Capacity) + Marginal	
	Average Capital Cost for Operational Capacity)]	br Conveyance Facility	x (Total Generation -	
	Cost x (Total Generation	n- Operational Canad	larginal Average O&W	
	which facility was not a	vailable + Environmen	tal Externality y No. of	
	Days for which facility	was not available	tal Externality x No. 01	
	Alternatively;	· .		
	EC (Lacs Rs.) = $[17.5(Total)]$			
	- upucity - 55.5 (10tal			
	Generation-	,		
	Environmental Externa			
	- Puchy / Ald			
	Where; N= Number	of days from the	date of direction of	
	CPCB/SPCB/PCC till t the concerned authority	ne required canacity or	stems are provided by	
	Quantity of Sewage is in	MID	-	
	Quality of Dewage is in			
37	Environment Compe	nsation to be Lev	OR	
	Individual/Authority fo	r Improper Solid Waste	vied on Concerned Management:	Recommendation of RO
	EC = Capital Cost H	actor x Marginal Ave	Prage Cost for Wash	NA
	management x (rer da	V Waste generation-Per	day wasta diamonal	
	per the Kules) + O&M	Cost Factor x Margina	Average Of-M Cost	
	I (i ei uay waste generati	on-Per day waste disno	sed as nor the Dulas)	
	Number of days violati Where;	on took place + Enviror	mental Externality x N	
		in tone nor dos (TDE		
	from the date o	f direction of CPCP (SPC) N= Number of days	
	Capacity system	is are provided by the co	CB/PCC till the required	
	Simplifying;	while provided by the co	accerned authority	
	EC (Lacs Rs.) = 2.4 (W)	aste Generation - Was	te Disposed as man 1	
	Kules) +0.02 (waste Ge	neration - Waste Dispo	sed as per the Bulloch	
	N + Marginal Cost of E	nvironmental External	ty x (Waste Generation	
	- Waste Disposed as pe			

DA/- as above

Signature of Field Officer HSPCB, Dharuhera Region

Signature of Regional Officer HSPCB, Dharuhera Region



FORM j (See Rule 20)

Report No.:- 1159 Dated- December 05, 2022

I, hereby, certify that I Narender Hooda as Board Analyst, duly appointed under sub section (3) of section 53 of Water (Prevention and control of Pollution) Act, 1974(6 of 1974) received on the 26th day of November, 2022 from Sh. Vinod Balyan, R.O, Sh. Harish Kumar AEE, Sh. Pardeep Kumar, SDE, Irrigation, Sh. Dharambir WPO, PHED, Sh. Khushi Ram Yadav, DPC, Rewari, a sample of domestic effluent of M/s Executive Engineer, 6.5 MLD, STP, PHED, Village Kaluwas Rewari, collected on 25.11.2022 from the Inlet & Outlet of STP for analysis. The Sample was in a condition fit for analysis reported below:-

I further certify that I have analyzed the afore-mentioned sample on 26/11/2022 to 05/12/2022 and declare the result of analysis to be as follow:-

Sr. No.	Parameter	Inlet of STP	Outlet of STP	Prescribed Limits	Method of Testing
1.	Colour	Blackish	Brownish		As per relevant parts of IS:3025
2.	Odour	Bad	Bad		(Part-I) 1987 and Standard
3.	pH Value	7.5	7.8	5.5-9.0	Methods for the Examination of
4.	Conductivity µS/cm	6870	3490		water and waste
5.	Suspended Solids mg/l	235	125	20	water APHA(23 rd edition) 2017
6.	B.O.D.(3 Days at 27 ^o C) mg/l	110	70	10	
7.	Chemical Oxygen Demand mg/l	436.3	294.9	50	
8.	Oil & Grease mg/l	11.5	3.2	10	
9.	Total Nitrogen mg/l	17.2	5.6	10	
10.	Fecal Coliform MPN/100 ml		2400	<100	_

The condition of the seals, fastening and container on receipt was as follow:

Container had its seals found intact in order; slip on the container had the signature of the representative of the industry and the board representative.

Signed this on **05th day of December**, **2022**

Laboratory of the Haryana State Pollution Control Board Sector-16 A, Faridabad

Board

То

The Member Secretary Haryana State Pollution Control Board C-11, Sector -6, Panchkula (Haryana)

This test report relate only to the particular sample submitted for testing

Haryana State Pollution Control Board

REGIONAL OFFICE, REWARI at SCO-D6 & D-7, SUNCITY COMMERICIAL COMPLEX, Sector-6, A-BLOCK REWARI E-Mail: <u>hspcbrodr@gmail.com</u>

То

The Chairman, Haryana State Pollution Control Board, Panchkula.

Sub.:- Recommendation for Environmental Compensation of M/s Executive Engineer STP for 8 MLD Nasia Ji Road, Rewari.

Ref.: - Show Cause Notice was issued vide no. I/145059/2022 dated 13.12.2022.

In this connection, it is intimated that the performa for recommendation for Environmental Compensation Assessment report – M/s Executive Engineer STP for 8 MLD Nasia Ji Road, Rewari is enclosed herewith.

DA/- As above

Signed by Vinod Balyan Regional Officer; 18:38 Branuhera Region

T	Name & address of the unit	M/s	Executive	Engineer STP for 8 ML	D Nasia Ji Road, Re	ewari			
2	Name and designation of the officer(s) inspected the unit	Khu	25.11.2022 (Joint Team of Sh. Vinod Balyan, R.0, Sh. Harish Kumar AEE, Sh. Pardeep Kumar, SDE, Irrigation, Sh. Dharambir WPO, PHED, Sh. Khushi Ram Yadav, DPC, Rewari,)						
3	Product(s) and bio-products	Sew	age Treatn	nent Plant					
4	Manufacturing process		age Treatn	nent Plant					
5	Status of CTE	CTE	granted.	vide No. 320220918REV		atad 11.01	010		
6	Status of CTO	vali	d upto 30.0	9.2022.					
7	Date of inspection of the unit	Sh.	Pardeep K	nt Team of Sh. Vinod Ba Jumar, SDE, Irrigation, S adav, DPC, Rewari,)	lyan, R.0, Sh. Haris Sh. Dharambir Wl	sh Kumar A PO, PHED,	AEE, Sh.		
8	Date of commissioning	01.1	2.2007						
9	Detail of violation observed during inspection:	2. Es 3. 1 oper 4. A 5. R exce	 Operational / not operational- Operational. Established and Operating without CTE/CTO of the Board- NA. ETP/STP not installed/ not adequate- STP Installed but not operating satisfactory. APCM not installed/ not adequate- NA Reverse pumping/by-passing the effluent/air emissions - Sample exceeding the norms. Others 						
10	Category of the unit	Red	Red Small						
11	Complaint / Court case, if any.	NA							
12	Detail of sampling and analysis of effluent/air		Type of sample	A/R no. & date	Parameter	Results			
	emission exceeding the norms.		Effluent	922-23 dated 07.10.2021	BOD SS COD Faecal Caliform	18 46 96 9200			
			Effluent	3530 dated 10.01.2021	BOD SS COD Faecal Caliform	12 17 60 400			
			Effluent	4826 dated 13.04.2022	BOD SS COD Faecal Caliform	15 33 76 900			
			Effluent	115 dated 09.07.2022	BOD SS COD Faecal Caliform	26 48 112 1300			
			Effluent	744 dated 12.10.2022	BOD SS COD Faecal Caliform	27 55 128 1500			
		d	Effluent	1160 dated 05.12.2022	BOD SS COD Faecal Caliform	19 35 88.8 2000			

	samples, if not collected.							
11						1		
14	for EC issued with date.	(Co	Show Cause notice was issued vide no. I/145059/2022 dated 13.1 Copy attached as <i>Annexure-I</i>).					
15	Reply of Show Cause Notice, if any received.	NA						
16	issued by the Board		١.			/		
17	applicable.		٩.					
18	made by the unit, if any after	No	on-Complyi	ng.				
19	issue of show cause notice.							
1>	environmental compensation:- a) Units discharging the environmental pollutants		25.11.2022 AEE, Sh. PHED, SI outlet wer	e inspection has been ca 2 (Joint Team of Sh. Vin Pardeep Kumar, SDE, h. Khushi Ram Yadav, re found exceeding the pr	nod Balyan, R.0, Sh. , Irrigation, Sh. Dh , DPC, Rewari,) the	. Harish Kuma arambir WPC e results of ST		
	in excess of the standards prescribed under EP Rules,		Type of sample	A/R no. & date	Parameter	Results		
	1986 and as prescribed in the consent granted to such units under Water Act, 1974/Air Act, 1981.	1		922-23 dated 07.10.2021	SS COD	18 46 96		
	b) Not complying with the directions issued, such as direction for closure due to non-installation of	s o of	Effluent	3530 dated 10.01.2021	Faecal Caliform BOD SS COD Faecal Caliform	9200 12 17 60 400		
	OCEMS, non-adherence to the action plans submitted etc. c) Intentional avoidance o data submission or data manipulation by	o d of a	Effluent	4826 dated 13.04.2022	BOD SS COD Faecal Caliform	15 33 76 900		
	tempering the Online Continuous Emission, Effluent Monitoring system.	ie /	Effluent	115 dated 09.07.2022	BOD SS COD Faecal Caliform	26 48 112 1300		
	d) Accidental discharge lasting for short duration resulting into damage t the environment.	ns	Effluent	744 dated 12.10.2022	BOD SS COD Faecal Caliform	27 55 128 1500		
st is	e) Intentional discharges to the environment includin bypassing the pollution control devices land water and air resulting int	ng on d,	Effluent	1160 dated 05.12.2022	2 BOD SS COD Faecal Caliform	19 35 88.8 2000		
	acute injury or damages the environment. f) Injection treated/partially treated	to of d/ to						

	-	Response Action	Plan							
3.12	5	(GRAP) in Delhi NCR	area.							
۲.۲		h) Failure of preventing	the	11-r	C.	131.				
\searrow		pollutants	being	Qr.						
1		discharged in water bo	odies		,	•				
\searrow		and failure to implem	ment							
1		Waste Management Ru	ıles.		ind out of	the above said STP on 25.11.2022 0 Sh. Harish Kumar AEE, Sh.				
\searrow	20	Date of last inspection	and	The inspection	has been carried out of	0, Sh. Harish Kumar AEE, Sh. Dharambir WPO, PHED, Sh.				
		campling i.e. prior pro	esent	(Joint Team of	Dharambir WPO, PHED, Sh.					
\forall		inspection (Water and/or	r Air	Pardeep Kuma	day DPC Rewari,) the	e results of STP outlet were found				
		and/or other pollution		exceeding the pro-	escribed limit					
1	21 Justification of imposing		acing	NA,						
	21									
9		environmental compens	auon							
	00	for last five year Final recommendations if	anv							
	22 23	Einal componsation or Int	erim	Final						
	Z3 Ent	vironment Compensation t	o be l	evied on Industri	al Units					
	24		1:80,	80						
	24	Orange : 50 and Green : 30)			late up to which unit needs to				
	25		n	535 days (from	1 02.07.2021 i.e. the C	late upto which unit needs to order dated 02.07.2020 and dat 22)				
				ungrade the SI	P as per board's poncy	UI de la				
				of inspection up	to till date i.e. 19.12.202					
	26	R - Factor in Rupees		250						
	27	S - Factor for scal		0.5						
		operation (0.5 for micr	peration (0.5 for micro or							
		small, 1.0 for medium ar	nd 1.5							
		for large unit)	c nor	1						
	28	LF - Location Factor (a	s per							
	20	census) EC= PI x N x R x S x LF		80*535*250*0.5*	1					
	29 30	Total Amount calculated		53,50,000/-						
					OR					
	En	vironmental Compensatio	n to be	e levied on all vie	olations of					
	Gr	aded Response Action Pla	n (Gr.	AI) III I CIU	Environmental	Recommended by RO				
		Activity	State	of Air Quality	Compensation (Rs.)					
			0	- L/Emorgency	Rs. 1.0 Crore	NA				
	31	Industrial Emissions	Sever	e +/Emergency	Rs. 50 Lakh	NA				
			Very		Rs. 25 Lakh	NA				
			Made	arate to Poor	Rs. 10 Lakh	NA				
		Vapour Recovery System	WRG (VRG	S) at Outlets of O	il Companies					
	32	Vapour Recovery System	Targe	et Date	Rs. 1.0 Crore	NA				
		i. Not Installed	Verv	poor to Severe+	Rs. 50 Lakh	NA				
		ii. Non-Functional	Mode	erate to Poor	Rs. 25 Lakh	NA				
		a time sites		re +/Emergency	Rs. 1.0 Crore	NA				
	33	Construction sites (Offending plot more	Sever		Rs. 50 Lakh	NA				
		than 20,000 Sq.m.)		Poor	Rs. 25 Lakh	NA				
		man 20,000 oquan)	Mode	erate to Poor	Rs. 10 Lakh	NA				
	34	Solid Waste/garbage	Verv	poor to Severe	Rs. 25.0 Lakh	NA				
	34	dumping in Industrial	+			NA				
		Estates	Mod	erate to Poor	Rs. 10 Lakh	1 41 7				
	35	Failure to water sprinkli	ng on	unpaved roads	Rs. 25.0 Lakh	NA				
		a) Hot-spots	Very	poor to Severe	KS. 20.0 Lani					
		,	+	La Carrona	Rs. 10.0 Lakh	NA				
		b) Other than Hot-	1	poor to Severe	1.5. 10.0 Land					
	1	spots	+							

	OR	n fe
36	Environmental Compensation to be levied in case of failure of	Recommendation of RO
	preventing the pollutants being discharged in water bodies and	5
	failure to implement waste management rules	St. Ct.
	EC= Capital Cost Factor x [Marginal Average Capital Cost for	
	Treatment Facility x (Total Generation-Installed Capacity) + Marginal	-
	Average Capital Cost for Conveyance Facility x (Total Generation -	
	Operational Capacity)] + O&M Cost Factor x Marginal Average O&M	
	Cost x (Total Generation- Operational Capacity) x No. of Days for	
	which facility was not available + Environmental Externality x No. of	
	Days for which facility was not available	
	Alternatively;	
	EC (Lacs Rs.) = [17.5(Total Sewage Generation - Installed Treatment	
	Capacity) + 55.5 (Total Sewage Generation-Operational Capacity)] +	
	0.2(Sewage Generation-Operational Capacity) x N + Marginal Cost of	
1	Environmental Externality x (Total Sewage Generation-Operational	
	Capacity) x N	
	Where; N= Number of days from the date of direction of	
	CPCB/SPCB/PCC till the required capacity systems are provided by	
	the concerned authority	I
	Quantity of Sewage is in MLD	1
	OR	
37	Environment Compensation to be Levied on Concerned	Recommendation of RO
	Individual/Authority for Improper Solid Waste Management:	
	1 0 0	NA
	Management x (Per day waste generation-Per day waste disposed as	1
	per the Rules) + O&M Cost Factor x Marginal Average O&M Cost x	l
	(Per day waste generation-Per day waste disposed as per the Rules) x	l
	Number of days violation took place + Environmental Externality x N	l
	Where;	1
	Waste Quantity in tons per day (TPD) N= Number of days	1
	from the date of direction of CPCB/SPCB/PCC till the required	
	capacity systems are provided by the concerned authority	
	Simplifying;	1
	EC (Lacs Rs.) = 2.4 (Waste Generation - Waste Disposed as per the $R_{\rm rel}$ and $R_{\rm rel}$ as the $R_{\rm rel}$ and	1
	Rules) +0.02 (Waste Generation - Waste Disposed as per the Rules) x	
	N + Marginal Cost of Environmental Externality x (Waste Generation	
1	- Waste Disposed as per the Rules) x N	

DA/- as above

Signature of Field Officer HSPCB, Dharuhera Region

Signature of Regional Officer HSPCB, Dharuhera Region



FORM j (See Rule 20)

Report No.:- 1160 Dated-December 05, 2022

I, hereby, certify that I Narender Hooda as Board Analyst, duly appointed under sub section (3) of section 53 of Water (Prevention and control of Pollution) Act, 1974(6 of 1974) received on the 26th day of November, 2022 from Sh. Vinod Balyan, R.O, Sh. Harish Kumar AEE, Sh. Pardeep Kumar, SDE, Irrigation, Sh. Khushi Ram Yadav, DPC, Rewari, a sample of domestic effluent of M/s Executive Engineer, 8 MLD, STP, Nasia Ji, road, Rewari, collected on 25.11.2022 from the Inlet & Outlet of STP for analysis. The Sample was in a condition fit for analysis reported below:-

I further certify that I have analyzed the afore-mentioned sample on 26/11/2022 to 05/12/2022 and declare the result of analysis to be as follow:-

Sr. No.	Parameter	Inlet of STP	Outlet of STP	Prescribed Limits	Method of Testing
1.	Colour	Light Blackish	Light Brownish		As per relevant parts of IS:3025
2.	Odour	Bad	Bad		(Part-I) 1987 and Standard
3.	pH Value	8.2	7.4	5.5-9.0	Methods for the Examination of
4.	Conductivity µS/cm	5530	3010		water and waste
5.	Suspended Solids mg/l	240	35	20	water APHA(23 rd edition) 2017
6.	B.O.D.(3 Days at 27 [°] C) mg/l	125	19	10	
7.	Chemical Oxygen Demand mg/l	500.9	88.8	50	
8.	Oil & Grease mg/l	. 11.2	BDL	10	-
9.	Total Nitrogen mg/l	13.9	2.6	10	
10.	Fecal Coliform MPN/100 ml		2000	<100	

The condition of the seals, fastening and container on receipt was as follow:

Container had its seals found intact in order; slip on the container had the signature of the representative of the industry and the board representative.

Signed this on 05th day of December, 2022

Laboratory of the Haryana State Pollution Control Board Sector-16 A, Faridabad

Board

То

The Member Secretary Haryana State Pollution Control Board C-11, Sector -6, Panchkula (Haryana)

This test report relate only to the particular sample submitted for testing

Haryana State Pollution Control Board

REGIONAL OFFICE, REWARI at SCO-D6 & D-7, SUNCITY COMMERICIAL COMPLEX, Sector-6, A-BLOCK REWARI E-Mail: <u>hspcbrodr@gmail.com</u>

То

The Chairman, Haryana State Pollution Control Board, Panchkula.

Sub.:- Recommendation for Environmental Compensation of M/s Executive Engineer PHED Haryana Kharkhara, 9.5 MLD STP, Dharuhera ,Rewari.

Ref.: - Show Cause Notice was issued vide no. I/145063/2022 dated 13.12.2022.

In this connection, it is intimated that the performa for recommendation for Environmental Compensation Assessment report – M/s Executive Engineer PHED Haryana Kharkhara, 9.5 MLD STP, Dharuhera ,Rewari is enclosed herewith.

DA/- As above

Signed by Vinod Balyan Regional Officer, Charles Region

	1	Name & address of the unit	M/s EXEC	CURITVE ENGINEER P Dharuhera ,Rewari	HED Haryana Kh	arkhara, 9.5			
Q.	2	Name and designation of the officer(s) inspected the unit	[*] Balyan, R.0, Sh. Pardeep Kumar, SDE, [*] Irrigation, Sh. Nares Kumar, ME, MC, Sh. Khushi Ram, ME, MC, Sh. Mukesh Kuma SDE, PHED, Sh. Harish Kumar AEE & complainant Sh. Parkash						
ĺ	3	Product(s) and bio-products		atment Plant	•)			
ľ	4	Manufacturing process		atment Plant					
ł	5	Status of CTE	CTE granted						
ŀ	6	Status of CTO		ed vide No. 3299738	RISEWCTOW560	1373 datad			
	7		19.09.2018 v	alid upto 30.09.2023.					
	/	Date of inspection of the unit	Balyan, R.0 Kumar, ME	Joint Team of Sh. Swap), Sh. Pardeep Kumar, , MC, Sh. Khushi Ram, , Sh. Harish Kumar AEE	SDE, Irrigation, ME, MC, Sh. Muk	Sh. Naresh esh Kumar,			
	8	Date of commissioning	01.08.2016						
ſ	9	Detail of violation observed during		nal / not operational- Op	erational				
		inspection:	 2. Established and Operating without CTE/CTO of the Bo 3. ETP/STP not installed/ not adequate- STP Installed operating satisfactory. 4. APCM not installed/ not adequate- NA 5. Reverse pumping/by-passing the effluent/air emis Sample exceeding the norms. 1. Others 						
Γ	10	Category of the unit	Red						
		0,	Small						
	11	Complaint / Court case, if any.	NA.						
-	12	Detail of sampling and analysis of effluent/air emission exceeding the	Type of sample	A/R no. & date	Parameter	Results			
		norms.	Effluent	1945-1946 dated 17.02.2021	Faecal Caliform	9000			
			Effluent	259-260 dated 06.07.2021	Faecal Caliform	2400			
			Effluent	926-927 dated 07.10.2021	BOD SS COD Faecal Caliform	90 208 312 140000			
			Effluent	3531 dated 10.01.2022	BOD SS COD Faecal Caliform	130 76 572 3300			
			Effluent	4828 dated 13.04.2022	BOD SS COD Faecal Caliform	16 36 72 400			
			Effluent	112 dated 09.07.2022	BOD SS COD Faecal Caliform	44 68 176 600			
			Effluent	750 dated 12.10.2022	BOD SS COD Faecal Caliform	52 78 208 900			

		Effluent	1165 dated 05.12.2022	BOD	32 38
				SS	00
	425) 425)	13.5 p.	134	COD Faecal Californ	149.4 2100
3	Reasons for not collection of samples, if not collected.	NA		,	
1	Detail of Show Cause Notice for EC issued with date.		se notice was issued (Copy attached as <i>Annex</i>		/2022 date
5	Reply of Show Cause Notice, if any received.	NA	\$ \$_		
5	No. and date of closure order issued by the Board	NA.			
7	Compliance of closure order if applicable.				
3	Present status of compliance made by the unit, if any after issue of show cause notice.	Non-Comp	lying.		
	compensation:- a) Units discharging the environmental pollutants in excess of the standards prescribed under EP Rules, 1986 and as prescribed in the consent granted to such units under	on 25.1 Vinod Naresh Mukes compla	he inspection has been c 1.2022 (Joint Team of S Balyan, R.0, Sh. Pardee Kumar, ME, MC, Sh. h Kumar, SDE, PHED, hinant Sh. Parkash) the re ing the prescribed limit wh	h. Swapnil Ravind p Kumar, SDE, Irr Khushi Ram, M , Sh. Harish Kun esults of STP outlet	ra Patil, S rigation, S E, MC, S nar AEE
	Water Act, 1974/Air Act, 1981.	Type of sample	A/R no. & date	Parameter	Results
		Effluent	1945-1946 dated 17.02.2021	Faecal Caliform	9000
		Effluent	259-260 dated 06.07.2021	Faecal Caliform	2400
		Effluent	926-927 dated 07.10.2021	BOD SS COD Faecal Caliform	90 208 312 140000
	b) Not complying with the	Effluent	3531 dated 10.01.2022	BOD SS COD Faecal Caliform	130 76 572 3300
	directions issued, such as direction for closure due to non- installation of OCEMS, non- adherence to the action plans	Effluent	4828 dated 13.04.2022	BOD SS COD Faecal Caliform	16 36 72 400
	submitted etc. c) Intentional avoidance of data submission or data manipulation by tempering the Online Continuous Emission/	Effluent	112 dated 09.07.2022	BOD SS COD Faecal Caliform	400 44 68 176 600
	Effluent Monitoring system.d) Accidental discharges lasting for short durations resulting into damage to the environment.	Effluent	750 dated 12.10.2022	BOD SS COD Faecal Caliform	52 78 208 900
	e) Intentional discharges to the environment including	·			

32 140.4					and the second	and the second		
2. 19 1	bypassing the pollution	control	Effluent	1165 dated 05	.12.2022	BOD	32	
19	devices - land, water	and air				SS	38	
01	resulting into acute in	jury or	49.0			COD	149.4	
	damages to the environm	nent.	429.		${\rm det}_{A}$	Faecal Caliform	2100	
Y	O Injection of treated/	partially		the manufacture of the board of the second second second			Ŷ	
/	treated/ untreated eff	uent to						
1	ground water.							
8	a) All violations of	Graded						
	Response Action Plan	(GRAP)						
	in Delhi NCR area.							
	h) Failure of preventing	ng the						
	pollutants being discha	pollutants being discharged in						
	water bodies and fa	ilure to						
	implement Waste Man	agement						
	Rules.	and the second			ind	out of the above	said STP o	
20	-		The inspec	ction has been	Ch Swa	onil Ravindra Pati	I, Sh. Vino	
	sampling i.e. prior	present	25.11.2022	O Sh Bardoon	Kumar	SDE, Irrigation,	Sh. Nares	
	inspection (Water and/or Air		V M	E MC Ch Khu	chi Ram	ME. MC. Sn. Mu	Kesii Kuina	
	and/or other pollution		CDE DUE	D Ch Harich K	umar AE	E & complainant.	m. raikasi	
		the results	of STP outlet w	ere found	exceeding the pre	scribed lim		
21	Iustification of i	mposing						
21	Justification of imposing environmental compensation for		,					
	last five year							
22	and the second way to be a second of the sec							
23	Einal compensation or Inter	Final						
Er	vironment Compensation to	d on Industrial Units						
24			80					
	Orange : 50 and Green : 30)			00.07.0001	in the	date upto which u	init needs	
25	and the state of t		535 days (from $02.07.2021$	ard's no	licy order dated 02	2.07.2020 ar	
		data of ins	pection upto till	date i.e.	19.12.2022)			
			250	peculon up to un				
26	R - Factor in Rupees	ation (0.5						
27	S - Factor for scale of oper for micro or small, 1.0 for	medium	0.0					
	and 1.5 for large unit)	meanum						
20		census)	1					
28			80*535*250)*0.5*1				
30			53,50,000/-					
Automatica and			OR					
Er	nvironmental Compensation	to be levi	ed on all vie	olations of				
G	raded Response Action Plan	(GRAP) I	n NCK.		mental	Recommend	led by RO	
	Activity	State of	Air Quality	Compen			,	
				(Rs.)	Sation			
		Carrona	L/Emorgon		rore	NA		
31	Industrial Emissions	Severe -	+/Emergend	Rs. 50 La	and the second se	NA		
		Very Po	or	Rs. 25 La	the second se	NA		
	1. ×		te to Poor	Rs. 10 La		NA		
	2 Vapour Recovery System	(VRS) at (Dutlets of O					
32	i. Not Installed	Target I	Date	NS. 1.0 C		NA		
	ii. Non-Functional	Very po	or to Severe	e+ Rs. 50 La		NA		
	II. INDICI UNCLORAL	Modera	te to Poor	Rs. 25 La		NA		
	Construction sites		+/Emergen	cy Rs. 1.0 C		NA		
22				Rs. 50 La	akh	NA		
33		Severe				NTA		
33		Very Pc	oor ite to Poor	Rs. 30 L Rs. 25 L Rs. 10 L	akh	NA NA		

34	Solid Waste/garbag	ye Very poor to Severe +	Rs. 25.0 Lakh	NA	-
	dumping in Industri	al Moderate to Poor	Rs. 25.0 Lakh	NA	200
	Estates		Ks. IU Lakii		
35	Failure to Water sprinkli		S.		
	a) Hot-spots	Very poor to Severe +	Rs. 25.0 Lakh	NA	_
	b) Other than Hot-spots	Very poor to Severe +	Rs. 10.0 Lakh	NA	
		OR			
36	Environmental Compen	isation to be lovied in	case of failure of	Recommendation of	RO
	proventing the pollutan	S Deing discharged in such	case of failure		
	Prement waste man	agement rules			
	EC= Capital Cost Fac	tor x [Marginal Association	Capital Cost for	NA	
		UF CONVOVANCE Le all'I			
			Externality x No. of		
		vas not available			
	Alternatively;				
	EC (Lacs Rs.) = $[17.5(T_{c})]$	otal Sewage Generation -	Installed Treatment		
		DEWAPP L-PROPATION (Image			
		Uperational Consolation of M			
	External Externa	lity x (Total Sewage Gen	eration-Operational		
	Capacity / XIN				
	Where; N= Number	of days from the date	e of direction of		
		e required capacity systems	are provided by the		
	concerned authority				
	Quantity of Sewage is in				
37	Environment Comper	OR			
07		nsation to be Levied Improper Solid Waste Man	on Concerned	Recommendation of R	0
	Individualy Authority 10				
	EC = Canital Cost E	actor v Manzing 1 A	agement:		
	EC = Capital Cost F	actor x Marginal Averag	e Cost for Waste	NA	
	EC = Capital Cost F Management x (Per day	actor x Marginal Averag waste generation-Per day w	e Cost for Waste	NA	
	EC = Capital Cost F Management x (Per day the Rules) + O&M Cost	actor x Marginal Averag waste generation-Per day wa Factor x Marginal Averag	e Cost for Waste aste disposed as per e O&M Cost x (Per	NA	
	EC = Capital Cost F Management x (Per day the Rules) + O&M Cost day waste generation-F	actor x Marginal Averag waste generation-Per day wa Factor x Marginal Averag er day waste disposed as	e Cost for Waste aste disposed as per e O&M Cost x (Per s per the Rules) x	NA	
	EC = Capital Cost F Management x (Per day the Rules) + O&M Cost day waste generation-F	actor x Marginal Averag waste generation-Per day wa Factor x Marginal Averag	e Cost for Waste aste disposed as per e O&M Cost x (Per s per the Rules) x	NA	
	EC = Capital Cost F Management x (Per day the Rules) + O&M Cost day waste generation-F Number of days violatio Where;	actor x Marginal Averag waste generation-Per day w Factor x Marginal Averag Per day waste disposed as n took place + Environment	e Cost for Waste aste disposed as per e O&M Cost x (Per s per the Rules) x al Externality x N	NA	
	EC = Capital Cost F Management x (Per day the Rules) + O&M Cost day waste generation-F Number of days violatio Where; Waste Quantity	actor x Marginal Averag waste generation-Per day wa Factor x Marginal Averag Per day waste disposed as n took place + Environment in tons per day (TPD) N= N	e Cost for Waste aste disposed as per e O&M Cost x (Per s per the Rules) x al Externality x N umber of days from	NA	
	EC = Capital Cost F Management x (Per day the Rules) + O&M Cost day waste generation-F Number of days violatio Where; Waste Quantity the date of dir	actor x Marginal Averag waste generation-Per day waste Factor x Marginal Averag Per day waste disposed as n took place + Environment in tons per day (TPD) N= N ection of CPCB/SPCB/PC	e Cost for Waste aste disposed as per e O&M Cost x (Per s per the Rules) x al Externality x N umber of days from C till the required	NA	
	EC = Capital Cost F Management x (Per day the Rules) + O&M Cost day waste generation-F Number of days violatio Where; Waste Quantity the date of dir	actor x Marginal Averag waste generation-Per day wa Factor x Marginal Averag Per day waste disposed as n took place + Environment in tons per day (TPD) N= N	e Cost for Waste aste disposed as per e O&M Cost x (Per s per the Rules) x al Externality x N umber of days from C till the required	NA	
	EC = Capital Cost F Management x (Per day the Rules) + O&M Cost day waste generation-F Number of days violatio Where; Waste Quantity the date of dir capacity systems Simplifying;	actor x Marginal Averag waste generation-Per day waste Factor x Marginal Averag Per day waste disposed as n took place + Environment in tons per day (TPD) N= N ection of CPCB/SPCB/PCC are provided by the concern	e Cost for Waste aste disposed as per e O&M Cost x (Per s per the Rules) x al Externality x N umber of days from C till the required ed authority	NA	
	EC = Capital Cost F Management x (Per day the Rules) + O&M Cost day waste generation-F Number of days violatio Where; Waste Quantity the date of dir capacity systems Simplifying; EC (Lacs Rs.) = 2.4 (Waste Cost Simplifying)	actor x Marginal Averag waste generation-Per day waste Factor x Marginal Averag Per day waste disposed as n took place + Environment in tons per day (TPD) N= N ection of CPCB/SPCB/PC are provided by the concern aste Generation - Waste D	e Cost for Waste aste disposed as per e O&M Cost x (Per s per the Rules) x al Externality x N umber of days from C till the required ed authority isposed as per the	NA	
	EC = Capital Cost F Management x (Per day the Rules) + O&M Cost day waste generation-F Number of days violatio Where; Waste Quantity the date of dir capacity systems Simplifying; EC (Lacs Rs.) = 2.4 (Wa Rules) +0.02 (Waste Gen	actor x Marginal Averag waste generation-Per day waste Factor x Marginal Averag Per day waste disposed as n took place + Environment in tons per day (TPD) N= N ection of CPCB/SPCB/PCC are provided by the concern	e Cost for Waste aste disposed as per e O&M Cost x (Per s per the Rules) x al Externality x N umber of days from C till the required ed authority isposed as per the s per the Rules) x N	NA	

DA/- as above

Signature of Field Officer HSPCB, Dharuhera Region Signature of Regional Officer HSPCB, Dharuhera Region



FORM j (See Rule 20)

Report No.:- 1165

I, hereby, certify that I Narender Hooda as Board Analyst, duly appointed under sub section Dated-December 05, 2022 (3) of section 53 of Water (Prevention and control of Pollution) Act, 1974(6 of 1974) received on the 26th day of November, 2022 from Sh. Swapnil Ravindra Patil, ADC, Rewari, Sh. Vinod Balyan RO, Sh. Pardeep Kumar, SDE, Irrigation, Sh. Naresh Kumar, ME, MC, Sh. Khushi Ram, ME, MC, Sh. Mukesh Kumar, SDE, PHED, Sh. Harish Kumar AEE, Sh. Parkash, Complainant, a sample of domestic effluent of M/s Executive Engineer 9.5 MLD STP, Vill-Kharkada, PHED, Dharuhera, Rewari, collected on 25.11.2022 from the Inlet & Outlet of STP for analysis. The Sample was in a condition fit for analysis reported below:-

I further certify that I have analyzed the afore-mentioned sample on 26/11/2022 to 05/12/2022 and declare the result of analysis to be as follow:of

		1070	Outlet of STP	Prescribed	Method or
Sr.	Parameter	Inlet of STP	Outlet of ST	Limits	Testing
<u>No.</u> 1.	Colour	Blackish	Light Brownish		As per relevant parts of
2.	Odour	Bad	Bad		IS:3025 (Part- I) 1987 and
3.	pH Value	7.4	7.1	5.5-9.0	Standard Methods for
4.	Conductivity µS/cm	4890	1630		the
5.	Suspended Solids mg/l	225	38	20	Examination of water and
6.	B.O.D.(3 Days at 27 ^o C) mg/l	128	32	10	waste water APHA(23 rd
7.	Chemical Oxygen Demand mg/l	509.8	149.4	50	edition) 2017
8.	Oil & Grease mg/l	9.2	BDL	10	_
9.	Total Nitrogen mg/l	17.4	2.6	10	
10.	Fecal Coliform MPN/100 ml		2100	<100	

The condition of the seals, fastening and container on receipt was as follow:

Container had its seals found intact in order; slip on the container had the signature of the representative of the industry and the board representative.

Signed this on 05th day of December, 2022

Laboratory of the Haryana State Pollution Control Board Sector-16 A, Faridabad

То

The Member Secretary Haryana State Pollution Control Board C-11, Sector -6, Panchkula (Haryana)

This test report relate only to the particular sample submitted for testing

Haryana State Pollution Control Board

REGIONAL OFFICE, REWARI at SCO-D6 & D-7, SUNCITY COMMERICIAL COMPLEX, Sector-6, A-BLOCK REWARI E-Mail: <u>hspcbrodr@gmail.com</u>

То

The Chairman, Haryana State Pollution Control Board, Panchkula.

Sub.:- Recommendation for Environmental Compensation of M/s Executive Engineer Sewage Treatment Plant For 16 MLD Nasiaji Road Rewari.

Ref.: - Show Cause Notice was issued vide no. I/145061/2022 dated 13.12.2022.

In this connection, it is intimated that the performa for recommendation for Environmental Compensation Assessment report – M/s Executive Engineer Sewage Treatment Plant For 16 MLD Nasiaji Road Rewari is enclosed herewith.

DA/- As above

Signed by Vinod Balyan Date: 19-12-2022 14:20:01 Regional Officer, Dharuhera Region

	î	Name & address of the unit	M/s Execu Nasiaji Road	tive Engineer Sewage (d Rewari	Freatment Plant F	or 16 MLD			
1	2	Name and designation of the officer(s) inspected the unit	25.11.2022 (Joint Team of Sh. Vinod Balyan, R.0, Sh. Harish Kur AEE, Sh. Naveen, JE, PHED, Sh. Kushi Ram, DPL, Rewari, Pardeep Kumar, SDE, Irrigation, Sh. Parkash complainant)						
					Parkash complain	ant)			
	3	Product(s) and bio-products		atment Plant					
ł	4	Manufacturing process	V	atment Plant					
}	5	Status of CTE	CTE grante	d.	19DEWCTOWI560	1373 dated			
	6	Status of CTO	19.09.2018 v	ted vide No. 3299738 valid upto 30.09.2023.					
	7	Date of inspection of the unit	AEE, Sh. N	Joint Team of Sh. Vinod Javeen, JE, PHED, Sh. J	Kushi Ram, DPL,	Rewari, Sh			
$\left \right $	0	Detector		mar, SDE, Irrigation, Sh.	Parkash complain	any			
ł	8	Date of commissioning	01.11.2014	al / not operational. On	orational				
	2	Detail of violation observed during inspection:	 Operational / not operational- Operational. Established and Operating without CTE/CTO of the Board- N ETP/STP not installed/ not adequate- STP Installed but n 						
			operating sa		1	•			
			4. APCM no	ot installed/ not adequate	e- NA				
			5. Reverse	pumping/by-passing	the effluent/air e	emissions -			
				eeding the norms.					
			l. Others						
	10	Category of the unit	Red Small						
	11	Complaint / Court case, if any.	NA.						
ł	12	Detail of sampling and analysis of	Type of	A/R no. & date	Parameter	Results			
		effluent/air emission exceeding the	sample						
		norms.	Effluent	1941-1942 dated	BOD	22			
1				17.02.2021	SS	59			
					COD	140			
					Faecal Caliform	64000			
			Effluent	the second s	BOD	45			
				06.07.2021	SS	154			
					COD	216			
			T(T)	000.000 1.1.1	Faecal Caliform	96000			
			Effluent		BOD	18			
				07.10.2021	SS	46 96			
					Faecal Caliform	96 9200			
			Effluent	3529 dated 10.01.2022	Faecal Caliform	200			
			Ennuent	5529 dated 10.01.2022	Faeca Californi	200			
			Effluent	4827 dated 13.04.2022	BOD	13			
					SS	32			
I					COD	64			
					Faecal Caliform	400			
			Effluent	116 dated 09.07.2022	BOD	32			
					SS	52			
					COD	166			
					Faecal Caliform	600			
			Effluent	743 dated 12.10.2022	BOD	17			
					SS	34			
					COD	68			
			-		Faecal Caliform	200			
1			Effluent	1157 dated 05.12.2022	BOD	46			
ļ					SS	60			
					COD	185.8			

				Faecal Caliform	TI
13	Reasons for not collection of	NA			
	samples, if not collected.			-	
				and the second second second second	
4	Detail of Show Cause Notice for EC		se notice was issued		/2022 dat
-	issued with date.		Copy attached as Annex	ure-1).	
5	Reply of Show Cause Notice, if any	NA			
-	received.	NT A			Contract of the
6	No. and date of closure order	NA.			
7	issued by the Board Compliance of closure order if	NA.	and the second se	a an	
1	applicable.	INA.			
8	Present status of compliance made	Non-Compl	ving		
	by the unit, if any after issue of	Non Comp	уш. <u>д</u> .		
	show cause notice.				
9	Cases for levying environmental	a. Yes. (Th	ne inspection has been c	arried out of the ab	ove said S
	compensation:-		1.2022 (Joint Team of Sh		
•	a) Units discharging the		AEE, Sh. Naveen, JE,		
	environmental pollutants in		, Sh. Pardeep Kumar,		
	excess of the standards	compla	inant) the results of STP	outlet were found e	exceeding t
	prescribed under EP Rules, 1986		ed limit which are as unc	ler:-	
	and as prescribed in the consent				D
	granted to such units under	Type of	A/R no. & date	Parameter	Results
	Water Act, 1974/Air Act, 1981.	sample			
		Effluent	1941-1942 dated		22
			17.02.2021	SS	59
				COD Faecal Caliform	140 64000
		Effluent	249-250 dated	BOD	45
		Linuent	06.07.2021	SS	154
			00.07.2021	COD	216
				Faecal Caliform	96000
		Effluent	922-923 dated	BOD	18
			07.10.2021	SS	46
				COD	96
	b) Not complying with the			Faecal Caliform	9200
	b) Not complying with the directions issued, such as				
	direction for closure due to non-	7.0	0500 1 . 140 04 0000		
	installation of OCEMS, non-	Effluent	3529 dated 10.01.2022	Faecal Caliform	200
	adherence to the action plans	Effluent	4827 dated 13.04.2022	ROD	
	submitted etc.		4027 ualeu 15.04.2022	BOD SS	13
	c) Intentional avoidance of data			COD	32 64
	submission or data			Faecal Caliform	400
	manipulation by tempering the	Effluent	116 dated 09.07.2022	BOD	32
	Online Continuous Emission/			SS	52
	Effluent Monitoring system.			COD	166
	d) Accidental discharges lasting (ar			Faecal Caliform	600
	d) Accidental discharges lasting for short durations resulting into	Effluent	743 dated 12.10.2022	BOD	17
	damage to the environment.			SS	34
	annage to the chynolinent.	20 A		COD	68
				Faecal Caliform	200
	e) Intentional discharges to the	Effluent	1157 dated 05.12.2022	BOD	46
	environment including			SS	60
	bypassing the pollution control			COD	185.8
	devices land, water and air			Faecal Caliform	1700
	resulting into acute injury or				

	damages to the environ	ment						
AN CA	f) Injection of treated/							
Sunde	treated/ untreated eff	luent to						
	ground water.		ALL .	184.				
	g) All violations of	Graded						
	Response Action Plan	(GRAP)			· · · ·			
	in Delhi NCR area.							
	h) Failure of preventi	ng the						
	pollutants being discha							
	water bodies and fa							
	implement Waste Man	agement						
20	Rules.							
20	Date of last inspection sampling i.e. prior		-		out of the above said STP of			
	sampling i.e. prior inspection (Water and/	present or Air			l Balyan, R.0, Sh. Harish Kuma Kushi Ram, DPL, Rewari, Sh			
	and/or other pollution				Sh. Parkash complainant) th			
	and, of outer pollution		-		eding the prescribed limit			
21	Justification of i	mposing	NA,					
	environmental compensat	- 0						
	last five year			n An an	ا مىلىقى بىلى مەرىپىيىنى ئىلىرى بىلىنى مىلىيى مىلىيى			
22	Final recommendations if a	ny						
23			Final					
	vironment Compensation to			Jnits				
24		ed : 80,	80		•			
	Orange : 50 and Green : 30)							
25	5 N - No of days of violation				date upto which unit needs t			
			upgrade the STP as per Board's policy order dated 02.07.2020 and date of inspection upto till date i.e. 19.12.2022)					
76	R - Factor in Rupees		250	ion upto un date i.e.	19.12.2022)			
27	-	ation (0.5	0.5					
21	for micro or small, 1.0 for	•	0.0					
	and 1.5 for large unit)							
28		census)	1					
29			80*535*250*0.5	*1				
30	Total Amount calculated		53,50,000/-					
			OR					
	vironmental Compensation			ons of				
Gı	raded Response Action Plan			T	D			
	Activity	State or	Air Quality	Environmental	Recommended by RO			
				Compensation (Rs.)				
31	Industrial Emissions	Severe +	/Emergency	Rs. 1.0 Crore	NA			
		Severe	/ Lineigency	Rs. 50 Lakh	NA			
				Rs. 25 Lakh	NA			
		Verv Po	or					
		Very Po Moderat		Rs. 10 Lakh	NA			
32	Vapour Recovery System (Moderat	te to Poor	Rs. 10 Lakh	NA			
32	i. Not Installed	Moderat VRS) at C	te to Poor Outlets of Oil Co	Rs. 10 Lakh	NA NA			
32	Vapour Recovery System (i. Not Installed ii. Non-Functional	Moderat VRS) at C Target D	te to Poor Putlets of Oil Co Pate	Rs. 10 Lakh mpanies				
	i. Not Installed ii. Non-Functional	Moderat VRS) at C Target D Very poo	te to Poor Outlets of Oil Co	Rs. 10 Lakh mpanies Rs. 1.0 Crore	NA			
	i. Not Installed ii. Non-Functional	Moderat VRS) at C Target D Very poo Moderat	te to Poor Outlets of Oil Co Date For to Severe+ Se to Poor	Rs. 10 LakhompaniesRs. 1.0 CroreRs. 50 LakhRs. 25 LakhRs. 1.0 Crore	NA NA			
	i. Not Installed ii. Non-Functional Construction sites (Offending plot more	Moderat VRS) at C Target D Very poo Moderat	te to Poor Outlets of Oil Co Date or to Severe+	Rs. 10 LakhompaniesRs. 1.0 CroreRs. 50 LakhRs. 25 LakhRs. 1.0 CroreRs. 50 Lakh	NA NA NA			
	i. Not Installed ii. Non-Functional Construction sites	Moderat VRS) at C Target D Very poo Moderat Severe +	te to Poor Dutlets of Oil Co Date for to Severe+ te to Poor / Emergency	Rs. 10 LakhompaniesRs. 1.0 CroreRs. 50 LakhRs. 25 LakhRs. 1.0 CroreRs. 50 LakhRs. 50 LakhRs. 50 LakhRs. 50 Lakh	NA NA NA NA			
33	i. Not Installed ii. Non-Functional Construction sites (Offending plot more than 20,000 Sq.m.)	Moderat VRS) at C Target D Very poo Moderat Severe + Severe Very Poo Moderat	te to Poor Dutlets of Oil Co Date for to Severe+ te to Poor / Emergency	Rs. 10 LakhompaniesRs. 1.0 CroreRs. 50 LakhRs. 25 LakhRs. 1.0 CroreRs. 50 LakhRs. 50 LakhRs. 50 LakhRs. 25 LakhRs. 10 Lakh	NA NA NA NA NA			
	i. Not Installed ii. Non-Functional Construction sites (Offending plot more than 20,000 Sq.m.) Solid Waste/garbage	Moderat VRS) at C Target D Very poo Moderat Severe + Severe Very Poo Moderat Very poo	te to Poor Date Date Dor to Severe+ te to Poor /Emergency Dor	Rs. 10 LakhompaniesRs. 1.0 CroreRs. 50 LakhRs. 25 LakhRs. 1.0 CroreRs. 50 LakhRs. 50 LakhRs. 25 LakhRs. 10 LakhRs. 10 LakhRs. 25.0 Lakh	NA			
	i. Not Installed ii. Non-Functional Construction sites (Offending plot more than 20,000 Sq.m.) Solid Waste/garbage dumping in Industrial	Moderat VRS) at C Target D Very poo Moderat Severe + Severe Very Poo Moderat Very poo	te to Poor Date Date Dor to Severe+ te to Poor / Emergency Dor te to Poor	Rs. 10 LakhompaniesRs. 1.0 CroreRs. 50 LakhRs. 25 LakhRs. 1.0 CroreRs. 50 LakhRs. 50 LakhRs. 50 LakhRs. 25 LakhRs. 10 Lakh	NA NA NA NA NA NA NA NA NA			
33	i. Not Installed ii. Non-Functional Construction sites (Offending plot more than 20,000 Sq.m.) Solid Waste/garbage dumping in Industrial Estates	Moderat VRS) at C Target D Very poo Moderat Severe Very Poo Moderat Very poo Moderat	te to Poor Dutlets of Oil Co Date for to Severe+ te to Poor / Emergency for te to Poor to Severe + te to Poor to Severe + te to Poor	Rs. 10 LakhompaniesRs. 1.0 CroreRs. 50 LakhRs. 25 LakhRs. 1.0 CroreRs. 50 LakhRs. 50 LakhRs. 25 LakhRs. 10 LakhRs. 10 LakhRs. 25.0 Lakh	NA NA			

	a) Hot-spots	Very poor to Severe +	Rs. 25.0 Lakh	NA
	b) Other than Hot-spots	Very poor to Severe +	Rs. 10.0 Lakh	NA
36	Environmental Compensa	ation to be levied in	case of failure of	Recommendation of RO
	preventing the pollutants			
	to implement waste manag			
	EC= Capital Cost Facto	NA		
	Treatment Facility x (Tota			
	Average Capital Cost for	Conveyance Facility x	Total Generation -	
	Operational Capacity)] + (O&M Cost Factor x Marg	inal Average O&M	
	Cost x (Total Generation			
	which facility was not ava	ailable + Environmental]	Externality x No. of	
	Days for which facility wa	s not available		
	Alternatively;			
	EC (Lacs Rs.) = [17.5(Tota	al Sewage Generation -	Installed Treatment	
	Capacity) + 55.5 (Total S			
	0.2(Sewage Generation-O			
	Environmental Externalit			
	Capacity) x N			
	Where; N= Number o			
	CPCB/SPCB/PCC till the concerned authority			
	Quantity of Sewage is in M			
	Quality of Sewage is in M			
37	Environment Compens	OR ation to be Levied		Decomposed attended DC
57	Individual/Authority for I			Recommendation of RC
	Individualy/Suthonity IOLI	mproper Sond waste Mar	lagement:	
	EC = Canital Cost Fac	tor v Marginal Avorag	a Cast for Masta	NTA
	EC = Capital Cost Fac Management x (Per day w	tor x Marginal Averag	e Cost for Waste	NA
-	Management x (Per day w	aste generation-Per day w	aste disposed as per	
	Management x (Per day w the Rules) + O&M Cost 1	aste generation-Per day w Factor x Marginal Averag	aste disposed as per e O&M Cost x (Per	
	Management x (Per day w the Rules) + O&M Cost 1 day waste generation-Pe	aste generation-Per day w Factor x Marginal Averag r day waste disposed a	aste disposed as per e O&M Cost x (Per s per the Rules) x	
	Management x (Per day w the Rules) + O&M Cost I day waste generation-Pe Number of days violation	aste generation-Per day w Factor x Marginal Averag r day waste disposed a	aste disposed as per e O&M Cost x (Per s per the Rules) x	
	Management x (Per day w the Rules) + O&M Cost I day waste generation-Per Number of days violation Where;	aste generation-Per day w Factor x Marginal Averag r day waste disposed a took place + Environmen	aste disposed as per e O&M Cost x (Per s per the Rules) x tal Externality x N	
	Management x (Per day w the Rules) + O&M Cost I day waste generation-Per Number of days violation Where; Waste Quantity in	aste generation-Per day w Factor x Marginal Averag r day waste disposed a took place + Environmen tons per day (TPD) N= N	aste disposed as per e O&M Cost x (Per s per the Rules) x tal Externality x N Jumber of days from	
	Management x (Per day w the Rules) + O&M Cost I day waste generation-Per Number of days violation Where; Waste Quantity in the date of direct	aste generation-Per day w Factor x Marginal Averag r day waste disposed a took place + Environmen tons per day (TPD) N= N ction of CPCB/SPCB/PC	aste disposed as per e O&M Cost x (Per s per the Rules) x tal Externality x N Jumber of days from CC till the required	
	Management x (Per day w the Rules) + O&M Cost I day waste generation-Pe Number of days violation Where; Waste Quantity in the date of direc capacity systems a	aste generation-Per day w Factor x Marginal Averag r day waste disposed a took place + Environmen tons per day (TPD) N= N	aste disposed as per e O&M Cost x (Per s per the Rules) x tal Externality x N Jumber of days from CC till the required	
	Management x (Per day w the Rules) + O&M Cost I day waste generation-Per Number of days violation Where; Waste Quantity in the date of direc capacity systems a Simplifying;	aste generation-Per day w Factor x Marginal Averag r day waste disposed a took place + Environmen tons per day (TPD) N= N ction of CPCB/SPCB/PC are provided by the concern	aste disposed as per e O&M Cost x (Per s per the Rules) x tal Externality x N Jumber of days from C till the required ned authority	
	Management x (Per day w the Rules) + O&M Cost I day waste generation-Per Number of days violation Where; Waste Quantity in the date of direc capacity systems a Simplifying; EC (Lacs Rs.) = 2.4 (Waste	aste generation-Per day w Factor x Marginal Averag r day waste disposed a took place + Environmen tons per day (TPD) N= N ction of CPCB/SPCB/PC re provided by the concern ste Generation - Waste I	aste disposed as per re O&M Cost x (Per s per the Rules) x tal Externality x N Number of days from CC till the required ned authority Disposed as per the	
	Management x (Per day w the Rules) + O&M Cost I day waste generation-Per Number of days violation Where; Waste Quantity in the date of direc capacity systems a Simplifying;	aste generation-Per day w Factor x Marginal Averag r day waste disposed a took place + Environmen tons per day (TPD) N= N ction of CPCB/SPCB/PC are provided by the concern ste Generation - Waste I ration - Waste Disposed a	aste disposed as per te O&M Cost x (Per s per the Rules) x tal Externality x N Jumber of days from C till the required ned authority Disposed as per the s per the Rules) x N	

DA/- as above

Signature of Field Officer HSPCB, Dharuhera Region Signature of Regional Officer HSPCB, Dharuhera Region



FORM j (See Rule 20)

Report No.:- 1157 Dated- December 05, 2022

I, hereby, certify that I Narender Hooda as Board Analyst, duly appointed under sub section (3) of section 53 of Water (Prevention and control of Pollution) Act, 1974(6 of 1974) received on the 26th day of November, 2022 from Sh. Vinod Balyan, R.O, Sh. Harish Kumar AEE, Sh. Naveen JE,PHED & Sh. Kushi Ram DPL, Rewari, Sh. Pardeep Kumar SDE, Irrigation, Sh. Prakash Compainant, a sample of domestic effluent of M/s Executive Engineer, 16 MLD, STP, PHED,Rewari, Nasia Ji Road, Rewari, collected on 25.11.2022 from the Inlet & Outlet of STP for analysis. The Sample was in a condition fit for analysis reported below:-

I further certify that I have analyzed the afore-mentioned sample on 26/11/2022 to 05/12/2022 and declare the result of analysis to be as follow:-

Sr. No.	Parameter	Inlet of STP	Outlet of STP	Prescribed Limits	Method of Testing
1.	Colour	Light Blackish	Brownish		As per relevant parts of IS:3025
2.	Odour	Bad	Bad		(Part-I) 1987 and Standard
3.	pH Value	7.8	7.2	5.5-9.0	Methods for the
4.	Conductivity µS/cm	5740	3250		Examination of water and waste
5.	Suspended Solids mg/I	190	60	20	water APHA(23 rd edition) 2017
6.	B.O.D.(3 Days at 27 ^o C) mg/l	125	46	10	
7.	Chemical Oxygen Demand mg/l	492.8	185.8	50	
8.	Oil & Grease mg/l	11.4	2.8	10	
9.	Total Nitrogen mg/l	18.2	3.7	10	
10.	Fecal Coliform MPN/100 ml		1700	<100	

The condition of the seals, fastening and container on receipt was as follow:

Container had its seals found intact in order; slip on the container had the signature of the representative of the industry and the board representative.

Signed this on 05th day of December, 2022

Laboratory of the Haryana State Pollution Control Board Sector-16 A, Faridabad

Board Analyst

То

The Member Secretary Haryana State Pollution Control Board C-11, Sector -6, Panchkula (Haryana)

This test report relate only to the particular sample submitted for testing