

**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.**

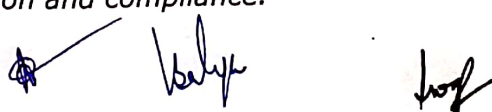
**1. BACKGROUND**

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, Dunderwas, 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](mailto: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 [judicial-ngt@gov.in](mailto:judicial-ngt@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](mailto: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:-


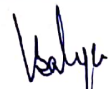

- i) 3 points nearby Mansani Barrage
- ii) Outlet of pipeline carrying effluent of Rewari City in LBS channel, Village Jarthal.
- iii) Outlet of 9.5 MLD, STP, PHED, Village Kharkhara, Dharuhera.
- iv) Outlet of 5 MLD STP, HSVP, Dharuhera.
- v) Outlet of 16 MLD, STP, PHED, Nasiaji Road, Rewari
- vi) Outlet 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 (Technology)	5 MLD, HSVP, Dharuhera (SBR)	9.5 MLD, PHED, Kharkhara (SBR)	16 MLD, PHED, Nasiaji Road, Rewari (SBR)	8 MLD, PHED, Nasiaji Road, Rewari (MBBR)	6.5 MLD, PHED, Village Kaluwas, Rewari (MBBR)	3.5 MLD, PHED, Bawal (MBBR)	Prescribed Limits
Colour	Light Brownish	Brownish	Brownish	Light 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 Solids mg/l	55	38	60	35	125	72	20
B.O.D.(3 Days at 270 C) mg/l	28	32	46	19	70	42	10



Chemical Oxygen Demand mg/l	117.1	149.4	185.8	88.8	294.9	169.1	50
Oil & Grease mg/	BDL	BDL	2.8	BDL	3.2	3.6	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 Jarthal into LBS Recharge Channel	Effluent sample at view point, 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 to Kharkhara Bhatsana near electricity tower N, (28.192762 76.757829 E)	Prescribed Standards for Inland Surface Water, Schedule-VI, EP Rules, 1986
Colour	Light Blackish	Light Hazy	Light Greenish	Light Hazy	----
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/l	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	----









### 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

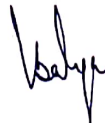
- I. The Joint Committee during inspection collected the samples from inlet and outlet of STPs and as per Analysis Report from Board Laboratory at Faridabad, parameters are found exceeding the prescribed limits. Regional Office, HSPCB, Dharuhera has filed prosecution against 04 Nos. of STPs for sample 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 process i.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.



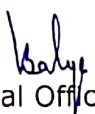
## 5. RECOMMENDATIONS OF THE COMMITTEE

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.
- ii) 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.

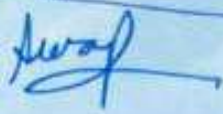
  
Regional Officer, HSPCB  
Rewari

  
Executive Officer, (MC),  
Rewari

  
Additional Deputy Commissioner  
Rewari



Date. 25/11/2022

Sd. No.	Name & Designation	Department	Signature
1	Suman B. Ti	ADC Rewari	
2	Vinod Balyan, RO	HSPCB	Vinod Balyan 25.11.22
3.	Pardeep Kumar SDO (Mech-)	Irrigation Mech. Rri	Pardeep Kumar 25/11/22
4.	B R Verma (SDE)	PHED Div. Rewari	B R Verma 25/11/22
5.	Mukesh Kumar SDE	PHED-Bawal 9812850690.	Mukesh Kumar 25/11/22
6	PARKASH YADAV COMPLAINANT	9992311515	P. Yadav 25/11/2022
7.	Naresh Kumar ME, MC, Rewari	MC Rewari	Naresh Kumar

**Minutes of inspection of Joint Committee constituted in compliance of Hon'ble NGT order dated 30.09.2022 in Original Application No. 627/2022 titled 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](mailto: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".*

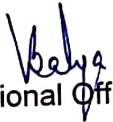
In this regard, Worthy Deputy Commissioner, Rewari constituted a team vide letter No. 3715-20 dated 14.11.2022 of the followings officer to submit the action taken report in OA No. 627/2022 titled as Parkash Yadav Versus State of Haryana in Hon'ble National Green Tribunal, Principal Bench, New Delhi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


- |    |  |                  |
|----|--|------------------|
| 1. | The Additional Deputy Commissioner, Rewari | President        |
| 2. | The Regional Officer, HSPCB, Rewari        | Deputy President |
| 3. | The Executive Engineer, PHED, Rewari       | Member           |
| 4. | The Executive Engineer, Irrigation, Rewari | Member           |
| 5. | The Executive Engineer, MC, Rewari         | Member           |

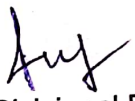
In compliance of above order, the joint committee visited the site along with complainant Sh. Parkash Yadav S/o Sh. Fateh Singh, VPO Kharkhara on 25.11.2022. During inspection, the joint committee collected the samples of below points:-


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

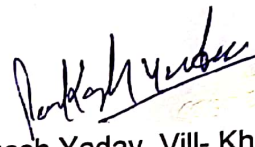
The samples have been sent to Board's lab for analysis. Attendance sheet of the joint team is enclosed herewith.

  
Regional Officer,  
HSPCB, Rewari

  
Sub Divisional Engineer  
PHED, Rewari

  
Sub Divisional Engineer  
Irrigation, Rewari

  
Municipal Engineer,  
Municipal Council, Rewari

  
Parkash Yadav, Vill- Kharkada  
Petitioner  
**PARKASH  
YADAV**

  
Additional Deputy Commissioner- Cum- Chairman,  
Rewari















I/145710/2022

# ***Haryana State Pollution Control Board***

**REGIONAL OFFICE, REWARI at SCO-D6 & D-7,  
SUNCITY COMMERCIAL COMPLEX, Sector-6, A-BLOCK REWARI**

**E-Mail: [hspcbrodr@gmail.com](mailto:hspcbrodr@gmail.com)**

To

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	Name & address of the unit	M/s EE PHED Bawal STP Bawal (Executive Engineer, 3 MLD STP, Khera Murar Road, Bawal)			
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. Mukesh Sharma, SDE PHED, Sh. Khushi Ram, DPC Rewari, Sh. Pardeep Kumar SDE Irrigation, Sh. Parveen JE, PHED,)			
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. 320220918REWCTOW5096504 dated 11.04.2018 valid upto 30.09.2022.			
7	Date of inspection of the unit	25.11.2022 (Joint Team of 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,)			
8	Date of commissioning	31.03.2014			
9	Detail of violation observed during inspection:	1. Operational / not operational- Operational. 2. Established and Operating without CTE/CTO of the Board- NA. 3. ETP/STP not installed/ not adequate- STP Installed but not operating satisfactory. 4. APCM not installed/ not adequate- NA 5. Reverse pumping/by-passing the effluent/air emissions - Sample exceeding the norms. 1. 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 sample	A/R no. & date	Parameter	Results
		Effluent	899-900 dated 04.10.2021	BOD SS COD Faecal Caliform	12 31 64 21000
		Effluent	3537 dated 10.01.2021	BOD SS COD Faecal Caliform	17 18 60 200
		Effluent	4786 dated 08.04.2022	Faecal Caliform	200
		Effluent	110 dated 09.07.2022	BOD SS COD Faecal Caliform	95 288 360 9000
		Effluent	745 dated 12.10.2022	BOD SS COD Faecal Caliform	102 170 392 2100
		Effluent	1166 dated 05.12.2022	BOD SS COD Faecal Caliform	42 72 169.1 5500
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/145687/2022 dated 15.11.2022 (Copy attached as Annexure-I).
15	Reply of Show Cause Notice, if any received.	NA
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 made by the unit, if any after issue of show cause notice.	Non-Complying.

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.

Yes. (The inspection has been carried out of the above said STP on 25.11.2022 (Joint Team of 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,) the results of STP outlet were found exceeding the prescribed limit which are as under:-

Type of sample	A/R no. & date	Parameter	Results
Effluent	899-900 dated 04.10.2021	BOD SS COD Faecal Caliform	12 31 64 21000
Effluent	3537 dated 10.01.2021	BOD SS COD Faecal Caliform	17 18 60 200
Effluent	4786 dated 08.04.2022	Faecal Caliform	200
Effluent	110 dated 09.07.2022	BOD SS COD Faecal Caliform	95 288 360 9000
Effluent	745 dated 12.10.2022	BOD SS COD Faecal Caliform	102 170 392 2100
Effluent	1166 dated 05.12.2022	BOD SS COD Faecal Caliform	42 72 169.1 5500

b) Not complying with the directions issued, such as direction for closure due to non-installation of OCEMS, non-adherence to the action plans submitted etc.

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 damage 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.

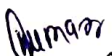
g) All violations of Graded




	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 Rules.			
20	Date of last inspection and sampling i.e. prior present inspection (Water and/or Air and/or other pollution)	The inspection has been carried out of the above said STP on 25.11.2022 (Joint Team of 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,) the results of STP outlet were found exceeding the prescribed limit.		
21	Justification of imposing environmental compensation for last five year	NA,		
22	Final recommendations if any			
23	Final compensation or Interim	Final		
Environment Compensation to be levied on Industrial Units				
24	PI - Pollution Index (Red : 80, Orange : 50 and Green : 30)	80		
25	N - No of days of violation	535 days (from 02.07.2021 i.e. the date upto which unit needs to 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)		
26	R - Factor in Rupees	250		
27	S - Factor for scale of operation (0.5 for micro or small, 1.0 for medium and 1.5 for large unit)	0.5		
28	LF - Location Factor (as per census)	1		
29	EC= PI x N x R x S x LF	80*535*250*0.5*1		
30	Total Amount calculated	53,50,000/-		
OR				
Environmental Compensation to be levied on all violations of Graded Response Action Plan (GRAP) in NCR.				
	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 Companies			
	i. 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 (Offending plot more than 20,000 Sq.m.)	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
34	Solid Waste/garbage dumping in Industrial Estates	Very poor to Severe +	Rs. 25.0 Lakh	NA
		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		Recommendation of RO
36	<p>Environmental Compensation to be levied in case of failure of preventing the pollutants being discharged in water bodies and failure to implement waste management rules</p> <p>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&amp;M Cost Factor x Marginal Average O&amp;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</p> <p>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 CPCB/SPCB/PCC till the required capacity systems are provided by the concerned authority  Quantity of Sewage is in MLD</p>	
OR		Recommendation of RO
37	<p>Environment Compensation to be Levied on Concerned Individual/Authority for Improper Solid Waste Management:</p> <p>EC = Capital Cost Factor x Marginal Average Cost for Waste Management x (Per day waste generation-Per day waste disposed as per the Rules) + O&amp;M Cost Factor x Marginal Average O&amp;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</p> <p>Simplifying;  EC (Lacs Rs.) = 2.4 (Waste Generation - Waste Disposed as per the Rules) +0.02 (Waste Generation - Waste Disposed as per the Rules) x N + Marginal Cost of Environmental Externality x (Waste Generation - Waste Disposed as per the Rules) x N</p>	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.:- 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 26<sup>th</sup> 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 (Part-I) 1987 and Standard Methods for the Examination of water and waste water APHA(23 <sup>rd</sup> edition) 2017
2.	Odour	Bad	----	
3.	pH Value	7.1	5.5-9.0	
4.	Conductivity $\mu$ S/cm	2610	----	
5.	Suspended Solids mg/l	72	20	
6.	B.O.D.(3 Days at 27 <sup>o</sup> 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 **05<sup>th</sup> day of December, 2022**

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

  
Board Analyst

To

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**



I/145708/2022

# ***Haryana State Pollution Control Board***

**REGIONAL OFFICE, REWARI at SCO-D6 & D-7,  
SUNCITY COMMERCIAL COMPLEX, Sector-6, A-BLOCK REWARI  
E-Mail: [hspcbrodr@gmail.com](mailto:hspcbrodr@gmail.com)**

To

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,**  
Reason: Approved.  
**Dharuhera Region**

T	Name & address of the unit	M/s EXECUTIVE 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 Kumar 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:	1. Operational / not operational- Operational. 2. Established and Operating without CTE/CTO of the Board- NA. 3. ETP/STP not installed/ not adequate- STP Installed but not operating satisfactory. 4. APCM not installed/ not adequate- NA 5. Reverse pumping/by-passing the effluent/air emissions - Sample exceeding the norms. 6. 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 sample	A/R no. & date	Parameter	Results
		Effluent	1158 dated 05.12.2022	BOD SS COD Faecal Caliform	28 55 117.1 1500
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 dated 13.12.2022 (Copy attached as <i>Annexure-I</i> ).			
15	Reply of Show Cause Notice, if any received.	NA			
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 made by the unit, if any after issue of show cause notice.	Non-Complying.			
19	<b>Cases for levying environmental compensation:-</b> 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.	a. Yes. (The inspection has been carried out of the above said STP on 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) the results of STP outlet were found exceeding the prescribed limit which are as under:-			

	b) Not complying with the directions issued, such as direction for closure due to non-installation of OCEMS, non-adherence to the action plans submitted etc.	Type of sample	A/R no. & date	Parameter	Result
		Effluent	1158 dated 05.12.2022	BOD SS COD Faecal Caliform	28 55 117.1 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 damage 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 Rules.				
20	Date of last inspection and sampling i.e. prior present inspection (Water and/or Air and/or other pollution	The inspection has been carried out of the above said STP on 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) the results of STP outlet were found exceeding the prescribed limit the results of STP outlet were found exceeding the prescribed limit			
21	Justification of imposing environmental compensation for last five year	NA,			
22	Final recommendations if any				
23	Final compensation or Interim	Final			
<b>Environment Compensation to be levied on Industrial Units</b>					
24	PI - Pollution Index (Red : 80, Orange : 50 and Green : 30)	80			
25	N - No of days of violation	24 days (from 25.11.2022 date of inspection upto till date i.e. 19.12.2022)			
26	R - Factor in Rupees	250			
27	S - Factor for scale of operation (0.5 for micro or small, 1.0 for medium and 1.5 for large unit)	0.5			
28	LF - Location Factor (as per census)	1			
29	EC= PI x N x R x S x LF	80*24*250*0.5*1			
30	Total Amount calculated	2,40,000/-			



OR

**Environmental Compensation to be levied on all violations of Graded Response Action Plan (GRAP) in NCR.**

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 Companies			
i. 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 (Offending plot more than 20,000 Sq.m.)	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
34 Solid Waste/garbage dumping in Industrial Estates	Very poor to Severe +	Rs. 25.0 Lakh	NA
	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

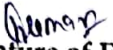
36	Environmental Compensation to be levied in case of failure of preventing the pollutants being discharged in water bodies and failure to implement waste management rules	Recommendation of RO
	<p>EC= Capital Cost Factor x [Marginal Average Capital Cost for Treatment Facility x (Total Generation-Installed Capacity) + Marginal Average Capital Cost for Conveyance Facility x (Total Generation - Operational Capacity)] + O&amp;M Cost Factor x Marginal Average O&amp;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</p> <p>Alternatively;</p> <p>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</p> <p>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</p> <p>Quantity of Sewage is in MLD</p>	


OR

37	Environment Compensation to be Levied on Concerned Individual/Authority for Improper Solid Waste Management:	Recommendation of RO
	<p>EC = Capital Cost Factor x Marginal Average Cost for Waste Management x (Per day waste generation-Per day waste disposed as per the Rules) + O&amp;M Cost Factor x Marginal Average O&amp;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</p> <p>Where;</p> <p>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</p> <p>Simplifying;</p>	NA

	$\text{EC (Lacs Rs.)} = 2.4 (\text{Waste Generation} - \text{Waste Disposed as per the Rules}) + 0.02 (\text{Waste Generation} - \text{Waste Disposed as per the Rules}) \times N$ $+ \text{Marginal Cost of Environmental Externality} \times (\text{Waste Generation} - \text{Waste Disposed as per the Rules}) \times N$	
--	---	--

DA/- as above

  
 Signature of Field Officer  
 HSPCB, Dharuhera Region

  
 Signature of Regional Officer  
 HSPCB, Dharuhera Region





**FORM j**  
(See Rule 20)

Report No.:- 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 26<sup>th</sup> 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:-

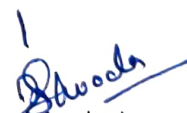
Sr. No.	Parameter	Inlet of STP	Outlet of STP	Prescribed Limits	Method of Testing
1.	Colour	Blackish	Light Brownish	----	As per relevant parts of IS:3025 (Part-I) 1987 and Standard Methods for the Examination of water and waste water APHA(23 <sup>rd</sup> edition) 2017
2.	Odour	Bad	Bad	----	
3.	pH Value	7.8	7.1	5.5-9.0	
4.	Conductivity $\mu$ S/cm	5190	2070	----	
5.	Suspended Solids mg/l	240	55	20	
6.	B.O.D.(3 Days at 27 <sup>o</sup> 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 **05<sup>th</sup> day of December, 2022**

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

  
Board Analyst

To

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**

I/145713/2022

# ***Haryana State Pollution Control Board***

**REGIONAL OFFICE, REWARI at SCO-D6 & D-7,  
SUNCITY COMMERCIAL COMPLEX, Sector-6, A-BLOCK REWARI**

**E-Mail: [hspcbrodr@gmail.com](mailto:hspcbrodr@gmail.com)**

To

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

**Regional Officer,**

**Dharuhera Region**

Reason: Approved



1	Name & address of the unit	M/s Executive Engineer, Sewage Treatment Plant for 6.5 MLD Kaluwas Road, Rewari			
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. Dharambir WPO, PHED, Sh. Khushi Ram Yadav, DPC, Rewari,)			
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. 320220918REWCTOW5096504 dated 11.04.2018 valid upto 30.09.2022.			
7	Date of inspection of the unit	25.11.2022 (Joint Team of Sh. Vinod Balyan, R.O, Sh. Harish Kumar AEE, Sh. Pardeep Kumar, SDE, Irrigation, Sh. Dharambir WPO, PHED, Sh. Khushi Ram Yadav, DPC, Rewari,)			
8	Date of commissioning	01.10.2014			
9	Detail of violation observed during inspection:	1. Operational / not operational- Operational. 2. Established and Operating without CTE/CTO of the Board- NA. 3. ETP/STP not installed/ not adequate- STP Installed but not operating satisfactory. 4. APCM not installed/ not adequate- NA 5. Reverse pumping/by-passing the effluent/air emissions - Sample exceeding the norms. 1. 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 sample	A/R no. & date	Parameter	Results
		Effluent	926-27 dated 07.10.2021	BOD SS COD Faecal Caliform	90 208 312 140000
		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

		Effluent	1159 dated 05.12.2022	BOD SS COD Faecal Caliform	70 125 294.9 2400																												
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. 1/145069/2022 dated 13.12.2022 (Copy attached as <i>Annexure-I</i> ).																															
15	Reply of Show Cause Notice, if any received.	NA																															
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 made by the unit, if any after issue of show cause notice.	Non-Complying.																															
19	<p><b>Cases for levying environmental compensation:-</b></p> <p>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.</p> <p>b) Not complying with the directions issued, such as direction for closure due to non-installation of OCEMS, non-adherence to the action plans submitted etc.</p> <p>c) Intentional avoidance of data submission or data manipulation by tempering the Online Continuous Emission/ Effluent Monitoring system.</p> <p>d) Accidental discharges lasting for short durations resulting into damage to the environment.</p> <p>e) Intentional discharges to the environment including bypassing the pollution control devices – land, water and air resulting into</p>	<p>a. Yes. (The inspection has been carried out of the above said STP on 25.11.2022 (Joint Team of Sh. Vinod Balyan, R.O, Sh. Harish Kumar AEE, Sh. Pardeep Kumar, SDE, Irrigation, Sh. Dharambir WPO, PHED, Sh. Khushi Ram Yadav, DPC, Rewari,) the results of STP outlet were found exceeding the prescribed limit which are as under:-</p> <table><tr><th>Type of sample</th><th>A/R no. &amp; date</th><th>Parameter</th><th>Results</th></tr><tr><td>Effluent</td><td>926-27 dated 07.10.2021</td><td>BOD SS COD Faecal Caliform</td><td>90 208 312 140000</td></tr><tr><td>Effluent</td><td>3531 dated 10.01.2021</td><td>BOD SS COD Faecal Caliform</td><td>130 76 572 3300</td></tr><tr><td>Effluent</td><td>4830 dated 13.04.2022</td><td>BOD SS COD Faecal Caliform</td><td>64 114 260 900</td></tr><tr><td>Effluent</td><td>113 dated 09.07.2022</td><td>BOD SS COD Faecal Caliform</td><td>46 80 208 1300</td></tr><tr><td>Effluent</td><td>748 dated 10.12.2022</td><td>BOD SS COD Faecal Caliform</td><td>55 132 224 1800</td></tr><tr><td>Effluent</td><td>1159 dated 05.12.2022</td><td>BOD SS COD Faecal Caliform</td><td>70 125 294.9 2400</td></tr></table>				Type of sample	A/R no. & date	Parameter	Results	Effluent	926-27 dated 07.10.2021	BOD SS COD Faecal Caliform	90 208 312 140000	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	Effluent	1159 dated 05.12.2022	BOD SS COD Faecal Caliform	70 125 294.9 2400
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	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 Rules.	
20	Date of last inspection and sampling i.e. prior present inspection (Water and/or Air and/or other pollution	The inspection has been carried out of the above said STP on 25.11.2022 (Joint Team of Sh. Vinod Balyan, R.O, Sh. Harish Kumar AEE, Sh. Pardeep Kumar, SDE, Irrigation, Sh. Dharambir WPO, PHED, Sh. Khushi Ram Yadav, DPC, Rewari,) the results of STP outlet were found exceeding the prescribed limit
21	Justification of imposing environmental compensation for last five year	NA,
22	Final recommendations if any	
23	Final compensation or Interim	Final
<b>Environment Compensation to be levied on Industrial Units</b>		
24	PI - Pollution Index (Red : 80, Orange : 50 and Green : 30)	80
25	N - No of days of violation	535 days (from 02.07.2021 i.e. the date upto which unit needs to 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)
26	R - Factor in Rupees	250
27	S - Factor for scale of operation (0.5 for micro or small, 1.0 for medium and 1.5 for large unit)	0.5
28	LF - Location Factor (as per census)	1
29	EC= PI x N x R x S x LF	80*535*250*0.5*1
30	Total Amount calculated	53,50,000/-

**OR**

**Environmental Compensation to be levied on all violations of Graded Response Action Plan (GRAP) in NCR.**

	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	<b>Vapour Recovery System (VRS) at Outlets of Oil Companies</b>			
	i. 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 (Offending plot more than 20,000 Sq.m.)	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
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					
36	Environmental Compensation to be levied in case of failure of preventing the pollutants being discharged in water bodies and failure to implement waste management rules				Recommendation of RO
	<p>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&amp;M Cost Factor x Marginal Average O&amp;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</p> <p>Alternatively;</p> <p>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</p> <p>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</p> <p>Quantity of Sewage is in MLD</p>				
OR					
37	Environment Compensation to be Levied on Concerned Individual/Authority for Improper Solid Waste Management:				Recommendation of RO
	<p>EC = Capital Cost Factor x Marginal Average Cost for Waste Management x (Per day waste generation-Per day waste disposed as per the Rules) + O&amp;M Cost Factor x Marginal Average O&amp;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</p> <p>Where;</p> <p>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</p> <p>Simplifying;</p> <p>EC (Lacs Rs.) = 2.4 (Waste Generation - Waste Disposed as per the Rules) + 0.02 (Waste Generation - Waste Disposed as per the Rules) x N + Marginal Cost of Environmental Externality x (Waste Generation - Waste Disposed as per the Rules) x N</p>				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.:- 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 26<sup>th</sup> 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 (Part-I) 1987 and Standard Methods for the Examination of water and waste water APHA(23 <sup>rd</sup> edition) 2017
2.	Odour	Bad	Bad	----	
3.	pH Value	7.5	7.8	5.5-9.0	
4.	Conductivity $\mu\text{S}/\text{cm}$	6870	3490	----	
5.	Suspended Solids mg/l	235	125	20	
6.	B.O.D.(3 Days at 27 <sup>o</sup> 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 **05<sup>th</sup> day of December, 2022**

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

  
Board Analyst

To

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

I/145712/2022

# ***Haryana State Pollution Control Board***

**REGIONAL OFFICE, REWARI at SCO-D6 & D-7,  
SUNCITY COMMERCIAL COMPLEX, Sector-6, A-BLOCK REWARI  
E-Mail: [hspcbrodr@gmail.com](mailto:hspcbrodr@gmail.com)**

To

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

Date: 19.12.2022 14:18:38

**Regional Officer,  
Dharuhera Region**



1	Name & address of the unit	M/s Executive Engineer STP for 8 MLD Nasia Ji Road, Rewari			
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. Dharambir WPO, PHED, Sh. Khushi Ram Yadav, DPC, Rewari,)			
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. 320220918REWCTOW5096504 dated 11.04.2018 valid upto 30.09.2022.			
7	Date of inspection of the unit	25.11.2022 (Joint Team of Sh. Vinod Balyan, R.O, Sh. Harish Kumar AEE, Sh. Pardeep Kumar, SDE, Irrigation, Sh. Dharambir WPO, PHED, Sh. Khushi Ram Yadav, DPC, Rewari,)			
8	Date of commissioning	01.12.2007			
9	Detail of violation observed during inspection:	1. Operational / not operational- Operational. 2. Established and Operating without CTE/CTO of the Board- NA. 3. ETP/STP not installed/ not adequate- STP Installed but not operating satisfactory. 4. APCM not installed/ not adequate- NA 5. Reverse pumping/by-passing the effluent/air emissions - Sample exceeding the norms. 1. 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 sample	A/R no. & date	Parameter	Results
		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
		Effluent	1160 dated 05.12.2022	BOD SS COD Faecal Caliform	19 35 88.8 2000
13	Reasons for not collection of	NA			

	samples, if not collected.																													
14	Detail of Show Cause Notice for EC issued with date.	Show Cause notice was issued vide no. I/145059/2022 dated 13.12. (Copy attached as Annexure-I).																												
15	Reply of Show Cause Notice, if any received.	NA																												
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 made by the unit, if any after issue of show cause notice.	Non-Complying.																												
19	<p><b>Cases for levying environmental compensation:-</b></p> <p>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.</p> <p>b) Not complying with the directions issued, such as direction for closure due to non-installation of OCEMS, non-adherence to the action plans submitted etc.</p> <p>c) Intentional avoidance of data submission or data manipulation by tempering the Online Continuous Emission/ Effluent Monitoring system.</p> <p>d) Accidental discharges lasting for short durations resulting into damage to the environment.</p> <p>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.</p> <p>f) Injection of treated/partially treated/ untreated effluent to ground water.</p> <p>g) All violations of Graded</p>	<p>a. Yes. (The inspection has been carried out of the above said STP on 25.11.2022 (Joint Team of Sh. Vinod Balyan, R.O, Sh. Harish Kumar AEE, Sh. Pardeep Kumar, SDE, Irrigation, Sh. Dharambir WPO, PHED, Sh. Khushi Ram Yadav, DPC, Rewari,) the results of STP outlet were found exceeding the prescribed limit which are as under:-</p> <table><tr><th>Type of sample</th><th>A/R no. &amp; date</th><th>Parameter</th><th>Results</th></tr><tr><td>Effluent</td><td>922-23 dated 07.10.2021</td><td>BOD SS COD Faecal Caliform</td><td>18 46 96 9200</td></tr><tr><td>Effluent</td><td>3530 dated 10.01.2021</td><td>BOD SS COD Faecal Caliform</td><td>12 17 60 400</td></tr><tr><td>Effluent</td><td>4826 dated 13.04.2022</td><td>BOD SS COD Faecal Caliform</td><td>15 33 76 900</td></tr><tr><td>Effluent</td><td>115 dated 09.07.2022</td><td>BOD SS COD Faecal Caliform</td><td>26 48 112 1300</td></tr><tr><td>Effluent</td><td>744 dated 12.10.2022</td><td>BOD SS COD Faecal Caliform</td><td>27 55 128 1500</td></tr><tr><td>Effluent</td><td>1160 dated 05.12.2022</td><td>BOD SS COD Faecal Caliform</td><td>19 35 88.8 2000</td></tr></table>	Type of sample	A/R no. & date	Parameter	Results	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	Effluent	1160 dated 05.12.2022	BOD SS COD Faecal Caliform	19 35 88.8 2000
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	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 Rules.	
20	Date of last inspection and sampling i.e. prior present inspection (Water and/or Air and/or other pollution)	The inspection has been carried out of the above said STP on 25.11.2022 (Joint Team of Sh. Vinod Balyan, R.O, Sh. Harish Kumar AEE, Sh. Pardeep Kumar, SDE, Irrigation, Sh. Dharambir WPO, PHED, Sh. Khushi Ram Yadav, DPC, Rewari,) the results of STP outlet were found exceeding the prescribed limit
21	Justification of imposing environmental compensation for last five year	NA,
22	Final recommendations if any	
23	Final compensation or Interim	Final
<b>Environment Compensation to be levied on Industrial Units</b>		
24	PI - Pollution Index (Red : 80, Orange : 50 and Green : 30)	80
25	N - No of days of violation	535 days (from 02.07.2021 i.e. the date upto which unit needs to 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)
26	R - Factor in Rupees	250
27	S - Factor for scale of operation (0.5 for micro or small, 1.0 for medium and 1.5 for large unit)	0.5
28	LF - Location Factor (as per census)	1
29	EC= PI x N x R x S x LF	80*535*250*0.5*1
30	Total Amount calculated	53,50,000/-

OR

**Environmental Compensation to be levied on all violations of Graded Response Action Plan (GRAP) in NCR.**

	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	<b>Vapour Recovery System (VRS) at Outlets of Oil Companies</b>			
	i. Not Installed	Target Date	Rs. 1.0 Crore	NA
	ii. Non-Functional	Very poor to Severe+	Rs. 50 Lakh	NA
33	Construction sites (Offending plot more than 20,000 Sq.m.)	Moderate to Poor	Rs. 25 Lakh	NA
		Severe +/Emergency	Rs. 1.0 Crore	NA
		Severe	Rs. 50 Lakh	NA
		Very Poor	Rs. 25 Lakh	NA
34	Solid Waste/garbage dumping in Industrial Estates	Moderate to Poor	Rs. 10 Lakh	NA
		Very poor to Severe +	Rs. 25.0 Lakh	NA
		Moderate to Poor	Rs. 10 Lakh	NA
35	<b>Failure to water sprinkling on unpaved roads</b>			
	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

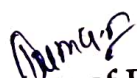
OR


36	Environmental Compensation to be levied in case of failure of preventing the pollutants being discharged in water bodies and failure to implement waste management rules	Recommendation of RO
	<p>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&amp;M Cost Factor x Marginal Average O&amp;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</p> <p>Alternatively;</p> <p>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</p> <p>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</p> <p>Quantity of Sewage is in MLD</p>	

OR

37	Environment Compensation to be Levied on Concerned Individual/Authority for Improper Solid Waste Management:	Recommendation of RO
	<p>EC = Capital Cost Factor x Marginal Average Cost for Waste Management x (Per day waste generation-Per day waste disposed as per the Rules) + O&amp;M Cost Factor x Marginal Average O&amp;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</p> <p>Where;</p> <p>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</p> <p>Simplifying;</p> <p>EC (Lacs Rs.) = 2.4 (Waste Generation - Waste Disposed as per the Rules) +0.02 (Waste Generation - Waste Disposed as per the Rules) x N + Marginal Cost of Environmental Externality x (Waste Generation - Waste Disposed as per the Rules) x N</p>	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.:- 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 26<sup>th</sup> 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 (Part-I) 1987 and Standard Methods for the Examination of water and waste water APHA(23 <sup>rd</sup> edition) 2017
2.	Odour	Bad	Bad	----	
3.	pH Value	8.2	7.4	5.5-9.0	
4.	Conductivity $\mu$ S/cm	5530	3010	----	
5.	Suspended Solids mg/l	240	35	20	
6.	B.O.D.(3 Days at 27 <sup>o</sup> 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 **05<sup>th</sup> day of December, 2022**

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

  
Board Analyst

To

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

I/145709/2022

# ***Haryana State Pollution Control Board***

**REGIONAL OFFICE, REWARI at SCO-D6 & D-7,  
SUNCITY COMMERCIAL COMPLEX, Sector-6, A-BLOCK REWARI  
E-Mail: [hspcbrodr@gmail.com](mailto:hspcbrodr@gmail.com)**

To

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

Date: 19-12-2022 14:23:37

**Regional Officer,  
Dharuhera Region**



1	Name & address of the unit	M/s EXECUTIVE ENGINEER PHED Haryana Kharkhara, 9.5 MLD STP, Dharuhera, Rewari			
2	Name and designation of the officer(s) inspected the unit	25.11.2022 (Joint Team of Sh. Swapnil Ravindra Patil, Sh. Vinod Balyan, R.O, Sh. Pardeep Kumar, SDE, Irrigation, Sh. Naresh Kumar, ME, MC, Sh. Khushi Ram, ME, MC, Sh. Mukesh Kumar, SDE, PHED, Sh. Harish Kumar AEE & complainant Sh. Parkash )			
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. 329973818REWCTOW5604373 dated 19.09.2018 valid upto 30.09.2023.			
7	Date of inspection of the unit	25.11.2022 (Joint Team of Sh. Swapnil Ravindra Patil, Sh. Vinod Balyan, R.O, Sh. Pardeep Kumar, SDE, Irrigation, Sh. Naresh Kumar, ME, MC, Sh. Khushi Ram, ME, MC, Sh. Mukesh Kumar, SDE, PHED, Sh. Harish Kumar AEE & complainant Sh. Parkash )			
8	Date of commissioning	01.08.2016			
9	Detail of violation observed during inspection:	1. Operational / not operational- Operational. 2. Established and Operating without CTE/CTO of the Board- NA. 3. ETP/STP not installed/ not adequate- STP Installed but not operating satisfactory. 4. APCM not installed/ not adequate- NA 5. Reverse pumping/by-passing the effluent/air emissions - Sample exceeding the norms. 6. 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 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
		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 SS COD Faecal Caliform	32 38 149.4 2100																																
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/145063/2022 dated 13.12.2022 (Copy attached as <i>Annexure-I</i> ).																																			
15	Reply of Show Cause Notice, if any received.	NA																																			
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 made by the unit, if any after issue of show cause notice.	Non-Complying.																																			
19	<p><b>Cases for levying environmental compensation:-</b></p> <p>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.</p> <p>b) Not complying with the directions issued, such as direction for closure due to non-installation of OCEMS, non-adherence to the action plans submitted etc.</p> <p>c) Intentional avoidance of data submission or data manipulation by tempering the Online Continuous Emission/ Effluent Monitoring system.</p> <p>d) Accidental discharges lasting for short durations resulting into damage to the environment.</p> <p>e) Intentional discharges to the environment including</p>	<p>a. Yes. (The inspection has been carried out of the above said STP on 25.11.2022 (Joint Team of Sh. Swapnil Ravindra Patil, Sh. Vinod Balyan, R.O, Sh. Pardeep Kumar, SDE, Irrigation, Sh. Naresh Kumar, ME, MC, Sh. Khushi Ram, ME, MC, Sh. Mukesh Kumar, SDE, PHED, Sh. Harish Kumar AEE &amp; complainant Sh. Parkash) the results of STP outlet were found exceeding the prescribed limit which are as under:-</p> <table><tr><th>Type of sample</th><th>A/R no. &amp; date</th><th>Parameter</th><th>Results</th></tr><tr><td>Effluent</td><td>1945-1946 dated 17.02.2021</td><td>Faecal Caliform</td><td>9000</td></tr><tr><td>Effluent</td><td>259-260 dated 06.07.2021</td><td>Faecal Caliform</td><td>2400</td></tr><tr><td>Effluent</td><td>926-927 dated 07.10.2021</td><td>BOD SS COD Faecal Caliform</td><td>90 208 312 140000</td></tr><tr><td>Effluent</td><td>3531 dated 10.01.2022</td><td>BOD SS COD Faecal Caliform</td><td>130 76 572 3300</td></tr><tr><td>Effluent</td><td>4828 dated 13.04.2022</td><td>BOD SS COD Faecal Caliform</td><td>16 36 72 400</td></tr><tr><td>Effluent</td><td>112 dated 09.07.2022</td><td>BOD SS COD Faecal Caliform</td><td>44 68 176 600</td></tr><tr><td>Effluent</td><td>750 dated 12.10.2022</td><td>BOD SS COD Faecal Caliform</td><td>52 78 208 900</td></tr></table>				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	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
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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																																		



149.4  
2100

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 Rules.

Effluent	1165 dated 05.12.2022	BOD	32
		SS	38
		COD	149.4
		Faecal Caliform	2100

20	Date of last inspection and sampling i.e. prior present inspection (Water and/or Air and/or other pollution	The inspection has been carried out of the above said STP on 25.11.2022 (Joint Team of Sh. Swapnil Ravindra Patil, Sh. Vinod Balyan, R.O, Sh. Pardeep Kumar, SDE, Irrigation, Sh. Naresh Kumar, ME, MC, Sh. Khushi Ram, ME, MC, Sh. Mukesh Kumar, SDE, PHED, Sh. Harish Kumar AEE & complainant Sh. Parkash), the results of STP outlet were found exceeding the prescribed limit
21	Justification of imposing environmental compensation for last five year	NA,
22	Final recommendations if any	
23	Final compensation or Interim	Final
<b>Environment Compensation to be levied on Industrial Units</b>		
24	PI - Pollution Index (Red : 80, Orange : 50 and Green : 30)	80
25	N - No of days of violation	535 days (from 02.07.2021 i.e. the date upto which unit needs to 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)
26	R - Factor in Rupees	250
27	S - Factor for scale of operation (0.5 for micro or small, 1.0 for medium and 1.5 for large unit)	0.5
28	LF - Location Factor (as per census)	1
29	EC= PI x N x R x S x LF	80*535*250*0.5*1
30	Total Amount calculated	53,50,000/-

OR

**Environmental Compensation to be levied on all violations of Graded Response Action Plan (GRAP) in NCR.**

Graded Response Action Plan (GRAP) in NCR.				
	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 Companies			
	i. 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 (Offending plot more than 20,000 Sq.m.)	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

34	Solid Waste/garbage dumping in Industrial Estates	Very poor to Severe +	Rs. 25.0 Lakh	NA
		Moderate to Poor	Rs. 10 Lakh	NA
35	Failure to water sprinkling on unpaved roads			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
OR				
36	Environmental Compensation to be levied in case of failure of preventing the pollutants being discharged in water bodies and failure to implement waste management rules			Recommendation of RO
	<p>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&amp;M Cost Factor x Marginal Average O&amp;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</p> <p>Alternatively;</p> <p>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</p> <p>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</p> <p>Quantity of Sewage is in MLD</p>			NA
OR				
37	Environment Compensation to be Levied on Concerned Individual/Authority for Improper Solid Waste Management:			Recommendation of RO
	<p>EC = Capital Cost Factor x Marginal Average Cost for Waste Management x (Per day waste generation-Per day waste disposed as per the Rules) + O&amp;M Cost Factor x Marginal Average O&amp;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</p> <p>Where;</p> <p>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</p> <p>Simplifying;</p> <p>EC (Lacs Rs.) = 2.4 (Waste Generation - Waste Disposed as per the Rules) + 0.02 (Waste Generation - Waste Disposed as per the Rules) x N + Marginal Cost of Environmental Externality x (Waste Generation - Waste Disposed as per the Rules) x N</p>			NA

DA/- as above

Signature of Field Officer  
HSPCB, Dharuhera Region

Signature of Regional Officer  
HSPCB, Dharuhera Region





# PREVENT POLLUTION

## FORM j (See Rule 20)

Report No.: - 1165

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 26<sup>th</sup> 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:-

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 (Part-I) 1987 and Standard Methods for the Examination of water and waste water APHA(23 <sup>rd</sup> edition) 2017
2.	Odour	Bad	Bad	----	
3.	pH Value	7.4	7.1	5.5-9.0	
4.	Conductivity $\mu\text{S}/\text{cm}$	4890	1630	----	
5.	Suspended Solids mg/l	225	38	20	
6.	B.O.D.(3 Days at 27 <sup>o</sup> C) mg/l	128	32	10	
7.	Chemical Oxygen Demand mg/l	509.8	149.4	50	
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 **05<sup>th</sup> day of December, 2022**

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

Board Analyst

To

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

I/145711/2022

# ***Haryana State Pollution Control Board***

**REGIONAL OFFICE, REWARI at SCO-D6 & D-7,  
SUNCITY COMMERCIAL COMPLEX, Sector-6, A-BLOCK REWARI**

**E-Mail: [hspcbrodr@gmail.com](mailto:hspcbrodr@gmail.com)**

To

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**



1	Name & address of the unit	M/s Executive Engineer Sewage Treatment Plant For 16 MLD Nasiaji Road Rewari			
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. Naveen, JE, PHED, Sh. Kushi Ram, DPL, Rewari, Sh. Pardeep Kumar, SDE, Irrigation, 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. 329973818REWCTOW5604373 dated 19.09.2018 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 Kumar AEE, Sh. Naveen, JE, PHED, Sh. Kushi Ram, DPL, Rewari, Sh. Pardeep Kumar, SDE, Irrigation, Sh. Parkash complainant)			
8	Date of commissioning	01.11.2014			
9	Detail of violation observed during inspection:	1. Operational / not operational- Operational. 2. Established and Operating without CTE/CTO of the Board- NA. 3. ETP/STP not installed/ not adequate- STP Installed but not operating satisfactory. 4. APCM not installed/ not adequate- NA 5. Reverse pumping/by-passing the effluent/air emissions - Sample exceeding the norms. 1. 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 sample	A/R no. & date	Parameter	Results
		Effluent	1941-1942 dated 17.02.2021	BOD SS COD Faecal Caliform	22 59 140 64000
		Effluent	249-250 dated 06.07.2021	BOD SS COD Faecal Caliform	45 154 216 96000
		Effluent	922-923 dated 07.10.2021	BOD SS COD Faecal Caliform	18 46 96 9200
		Effluent	3529 dated 10.01.2022	Faecal Caliform	200
		Effluent	4827 dated 13.04.2022	BOD SS COD Faecal Caliform	13 32 64 400
		Effluent	116 dated 09.07.2022	BOD SS COD Faecal Caliform	32 52 166 600
		Effluent	743 dated 12.10.2022	BOD SS COD Faecal Caliform	17 34 68 200
		Effluent	1157 dated 05.12.2022	BOD SS COD	46 60 185.8

				Faecal Caliform	1																																				
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/145061/2022 dated 13.12.2022 (Copy attached as <i>Annexure-I</i> ).																																							
15	Reply of Show Cause Notice, if any received.	NA																																							
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 made by the unit, if any after issue of show cause notice.	Non-Complying.																																							
19	<b>Cases for levying environmental compensation:-</b> 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.  b) Not complying with the directions issued, such as direction for closure due to non-installation of OCEMS, non-adherence to the action plans submitted etc. 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 damage to the environment.  e) Intentional discharges to the environment including bypassing the pollution control devices -- land, water and air resulting into acute injury or	a. Yes. (The inspection has been carried out of the above said STP on 25.11.2022 (Joint Team of Sh. Vinod Balyan, R.O, Sh. Harish Kumar AEE, Sh. Naveen, JE, PHED, Sh. Kushi Ram, DPL, Rewari, Sh. Pardeep Kumar, SDE, Irrigation, Sh. Parkash complainant) the results of STP outlet were found exceeding the prescribed limit which are as under:-  b. <table><tr><th>Type of sample</th><th>A/R no. &amp; date</th><th>Parameter</th><th>Results</th></tr><tr><td>Effluent</td><td>1941-1942 dated 17.02.2021</td><td>BOD SS COD Faecal Caliform</td><td>22 59 140 64000</td></tr><tr><td>Effluent</td><td>249-250 dated 06.07.2021</td><td>BOD SS COD Faecal Caliform</td><td>45 154 216 96000</td></tr><tr><td>Effluent</td><td>922-923 dated 07.10.2021</td><td>BOD SS COD Faecal Caliform</td><td>18 46 96 9200</td></tr><tr><td>Effluent</td><td>3529 dated 10.01.2022</td><td>Faecal Caliform</td><td>200</td></tr><tr><td>Effluent</td><td>4827 dated 13.04.2022</td><td>BOD SS COD Faecal Caliform</td><td>13 32 64 400</td></tr><tr><td>Effluent</td><td>116 dated 09.07.2022</td><td>BOD SS COD Faecal Caliform</td><td>32 52 166 600</td></tr><tr><td>Effluent</td><td>743 dated 12.10.2022</td><td>BOD SS COD Faecal Caliform</td><td>17 34 68 200</td></tr><tr><td>Effluent</td><td>1157 dated 05.12.2022</td><td>BOD SS COD Faecal Caliform</td><td>46 60 185.8 1700</td></tr></table>				Type of sample	A/R no. & date	Parameter	Results	Effluent	1941-1942 dated 17.02.2021	BOD SS COD Faecal Caliform	22 59 140 64000	Effluent	249-250 dated 06.07.2021	BOD SS COD Faecal Caliform	45 154 216 96000	Effluent	922-923 dated 07.10.2021	BOD SS COD Faecal Caliform	18 46 96 9200	Effluent	3529 dated 10.01.2022	Faecal Caliform	200	Effluent	4827 dated 13.04.2022	BOD SS COD Faecal Caliform	13 32 64 400	Effluent	116 dated 09.07.2022	BOD SS COD Faecal Caliform	32 52 166 600	Effluent	743 dated 12.10.2022	BOD SS COD Faecal Caliform	17 34 68 200	Effluent	1157 dated 05.12.2022	BOD SS COD Faecal Caliform	46 60 185.8 1700
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	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 Rules.	
--	--	--

20	Date of last inspection and sampling i.e. prior present inspection (Water and/or Air and/or other pollution	The inspection has been carried out of the above said STP on 25.11.2022 (Joint Team of Sh. Vinod Balyan, R.O, Sh. Harish Kumar AEE, Sh. Naveen, JE, PHED, Sh. Kushi Ram, DPL, Rewari, Sh. Pardeep Kumar, SDE, Irrigation, Sh. Parkash complainant) the results of STP outlet were found exceeding the prescribed limit
----	---	--

21	Justification of imposing environmental compensation for last five year	NA,
----	---	-----

22	Final recommendations if any	
----	------------------------------	--

23	Final compensation or Interim	Final
----	-------------------------------	-------

**Environment Compensation to be levied on Industrial Units**

24	PI - Pollution Index (Red : 80, Orange : 50 and Green : 30)	80
----	---	----

25	N - No of days of violation	535 days (from 02.07.2021 i.e. the date upto which unit needs to 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)
----	-----------------------------	--

26	R - Factor in Rupees	250
----	----------------------	-----

27	S - Factor for scale of operation (0.5 for micro or small, 1.0 for medium and 1.5 for large unit)	0.5
----	---	-----

28	LF - Location Factor (as per census)	1
----	--------------------------------------	---

29	EC= PI x N x R x S x LF	80*535*250*0.5*1
----	-------------------------	------------------

30	Total Amount calculated	53,50,000/-
----	-------------------------	-------------

**OR**


**Environmental Compensation to be levied on all violations of Graded Response Action Plan (GRAP) in NCR.**

	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	<b>Vapour Recovery System (VRS) at Outlets of Oil Companies</b>			
	i. 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 (Offending plot more than 20,000 Sq.m.)	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
34	Solid Waste/garbage dumping in Industrial Estates	Very poor to Severe +	Rs. 25.0 Lakh	NA
		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				
36	Environmental Compensation to be levied in case of failure of preventing the pollutants being discharged in water bodies and failure to implement waste management rules			Recommendation of RO
	<p>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&amp;M Cost Factor x Marginal Average O&amp;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</p> <p>Alternatively;</p> <p>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</p> <p>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</p> <p>Quantity of Sewage is in MLD</p>			NA
OR				
37	Environment Compensation to be Levied on Concerned Individual/Authority for Improper Solid Waste Management:			Recommendation of RO
	<p>EC = Capital Cost Factor x Marginal Average Cost for Waste Management x (Per day waste generation-Per day waste disposed as per the Rules) + O&amp;M Cost Factor x Marginal Average O&amp;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</p> <p>Where;</p> <p>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</p> <p>Simplifying;</p> <p>EC (Lacs Rs.) = 2.4 (Waste Generation - Waste Disposed as per the Rules) +0.02 (Waste Generation - Waste Disposed as per the Rules) x N + Marginal Cost of Environmental Externality x (Waste Generation - Waste Disposed as per the Rules) x N</p>			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.:- 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 26<sup>th</sup> 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 (Part-I) 1987 and Standard Methods for the Examination of water and waste water APHA(23 <sup>rd</sup> edition) 2017
2.	Odour	Bad	Bad	----	
3.	pH Value	7.8	7.2	5.5-9.0	
4.	Conductivity $\mu$ S/cm	5740	3250	----	
5.	Suspended Solids mg/l	190	60	20	
6.	B.O.D.(3 Days at 27 <sup>o</sup> 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 **05<sup>th</sup> day of December, 2022**

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

  
Board Analyst

To

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