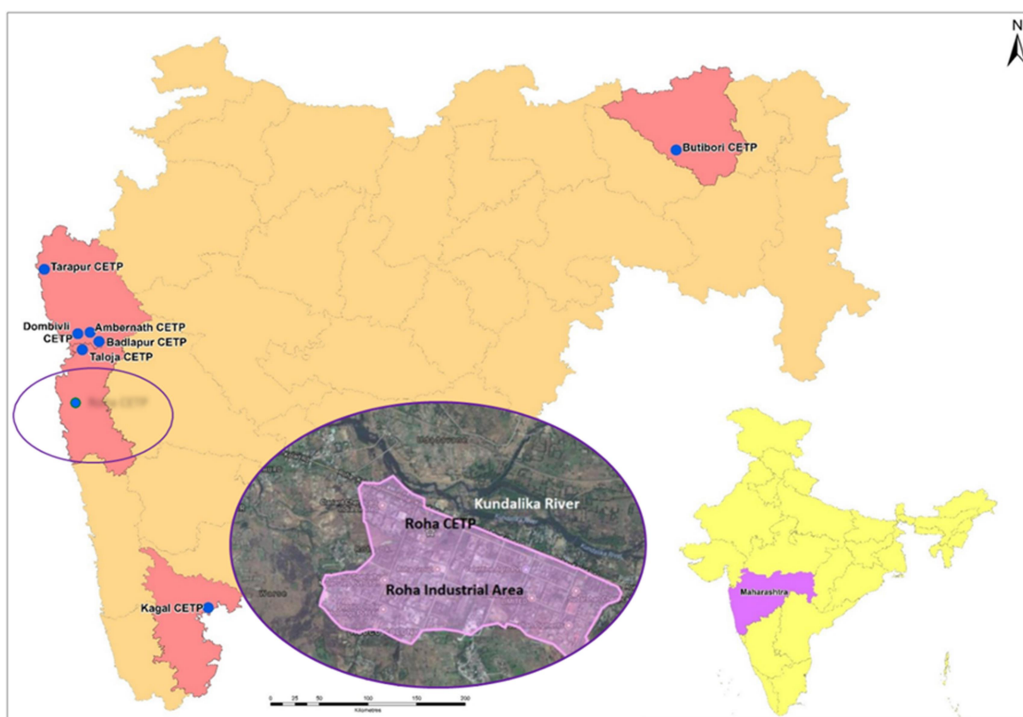


**REPORT OF JOINT COMMITTEE IN THE MATTER OF
ORIGINAL APPLICATION NO. 58/2022 (WZ)**

(Aryavart Foundation Vs M/s. RIA CETP Co-Op. Society Ltd. & Ors.)




**IN COMPLIANCE WITH ORDER OF HON'BLE NGT,
WESTERN ZONE BENCH, PUNE, DATED 06.07.2022
REGARDING NON-COMPLIANCES OF M/S. RIA
CETP CO. OP. SOCIETY LTD., MIDC ROHA DIST.
RAIGAD MAHARASHTRA**



**FOR SUBMISSION TO
HON'BLE NATIONAL GREEN TRIBUNAL,
WESTERN ZONE BENCH, PUNE**

OCTOBER 2022

**REPORT OF JOINT COMMITTEE IN THE MATTER OF ORIGINAL
APPLICATION NO. 58/2022 (WZ)
(Aryavart Foundation Vs M/s. RIA CETP Co-Op. Society Ltd. & Ors.)
IN COMPLIANCE WITH ORDER OF HON'BLE NGT, WESTERN ZONE
BENCH, PUNE, DATED 06.07.2022 REGARDING NON-COMPLIANCE
OF M/S. RIA CETP CO. OP. SOCIETY LTD., MIDC ROHA DIST. RAIGAD
MAHARASHTRA**

Name	Department/ Organization	Signature
Shri. E. Thirunavvikrasu Scientist 'E'	Ministry of Environment, Forests & Climate Change (MoEF&CC), Integrated Regional Office, Nagpur	
Shri. Pratik Bharne Scientist 'E'	Central Pollution Control Board, Regional Directorate, Pune	
Shri. V. V. Killedar I/C Regional Officer	Maharashtra Pollution Control Board, Raigad	

CONTENT

SR. NO.	DETAILS/ITEMS	PAGE NO
1	BACKGROUND	1
2	THE COMMITTEE	2
3	SCOPE OF THE COMMITTEE	2
4	APPROACH OF THE COMMITTEE	2
5	ABOUT ROHA INDUSTRIAL AREA AND M/s RIA CETP Co-Op. SOCIETY LTD.	3
5.1	ABOUT ROHA INDUSTRIAL AREA	3
5.2	ABOUT CETP- M/S RIA CETP CO-OP. SOCIETY LTD.	5
5.3	STATUS OF CONSENT AND ENVIRONMENTAL CLEARANCE (EC)	8
6	JOINT COMMITTEE VISIT TO M/S RIA CETP AND MONITORING	9
6.1	SAMPLING AND ANALYSIS RESULTS	10
7	OBSERVATIONS AND FINDINGS	15
8	ACTIONS TAKEN BY MPCB	17
9	CONCLUSIONS	18
10	RECOMMENDATIONS	20

LIST OF TABLES

TABLE NO.	DETAILS	PAGE NO
TABLE-01	NAME AND INSTITUTE/ORGANIZATION/DEPARTMENT OF THE COMMITTEE MEMBERS	2
TABLE-02	DETAILS OF INDUSTRIES AT ROHA INDUSTRIAL AREA	5
TABLE-03	THE SALIENT FEATURES OF REHABILITATION AND UP-GRADATION OF CETP	7
TABLE-04	DETAILS OF FLOW	4
TABLE-05	DETAILS OF SAMPLING LOCATION	12
TABLE-06	DISPLAY OF OCEMS RESULTS	16

LIST OF IMAGES

IMAGE NO.	DETAILS	PAGE NO
IMAGE-01	LOCATION MAP OF ROHA INDUSTRIAL AREA AND CETP	3
IMAGE-02	SATELLITE VIEW OF ROHA INDUSTRIAL AREA	4
IMAGE-03	ROHA INDUSTRIAL AREA, MIDC DHATAV	4
IMAGE-04	GOOGLE IMAGE OF RIA CETP	10
IMAGE-05		

LIST OF ANNEXURES

ANNEXURE NO.	DETAILS
ANNEXURE-I	HON'BLE NATIONAL GREEN TRIBUNAL (NGT) ORDER DATED 06.07.2022
ANNEXURE-II	SUPERINTENDING ENGINEER (MMR), MIDC, DOMBIVLI, VIDE LETTER DATED 09.10.2017
ANNEXURE-III	MIDC ORDER COPY REGARDING HANDING OVER OF CETP ROHA INDUSTRIAL AREA
ANNEXURE-IV	MPCB-CONSENT-0000127535, DATED 15.12.2021
ANNEXURE-V	ENVIRONMENTAL CLEARANCE (EC) DT. 11.06.2014 GRANTED BY SEIAA
	COPY OF THE NOTIFICATION DTD. 14.09.2016 AND 12.04.2022
ANNEXURE-VI	PHOTOGRAPHS TAKEN DURING THE VISIT DATED 02.09.2022

ANNEXURE-VII	ANALYSIS RESULTS OF SAMPLING CARRIED OUT BY MPCB
ANNEXURE-VIII	PRESENT STATUS OF WORK OF UPGRADATION AND REHABILITATION OF CETP
ANNEXURE-IX	PROSECUTION NOTICE LETTER DTD. 07.12.2021
ANNEXURE-X	DIRECTIONS ISSUED BY MPCB U/S 33A OF THE WATER (PREVENTION AND CONTROL OF POLLUTION) ACT, 1974 & U/S 31A OF THE AIR (PREVENTION AND CONTROL OF POLLUTION) ACT, 1981 DATED 08.08.2022
ANNEXURE-XI	DIRECTION ISSUED BY MPCB TO MIDC AND RIA CETP OPERATOR-M/S. R&B INFRA PROJECT PVT. LTD & HYDROAIR TECHTONICS LTD. DATED 08.08.2022
ANNEXURE-XII	COPIES OF THE DIRECTIONS ISSUED BY MPCB AND REPLY RECEIVED FROM THE CETP

REPORT OF THE JOINT COMMITTEE IN THE MATTER OF ORIGINAL APPLICATION NO. 58 OF 2022(WZ) (ARYAVART FOUNDATION VS. M/S. RIA CETP CO-OP. SOCIETY LTD. & ORS.) IN COMPLIANCE WITH HON'BLE NGT (WZ) ORDER DATED 06.07.2022 REGARDING NON-COMPLIANCE OF M/S. RIA CETP CO. OP. SOCIETY LTD., MIDC ROHA DIST. RAIGAD MAHARASHTRA

1. BACKGROUND

The Original Application (OA) No. 58 of 2022 (WZ) was filed by Aryavart Foundation, regarding non-compliances and violation of environmental norms by M/s Roha Industrial Association Common Effluent Treatment Plant (RIA CETP) Co. Op. Society Ltd. (Respondent No.1) The Hon'ble NGT (WZ) passed order dated 06.07.2022 in the aforesaid OA No. 58 of 2022 (WZ), tilted "Aryavart foundation Vs. M/s RIA CETP Co-Op. Society Ltd. & Ors.". The directions issued by the Hon'ble NGT vide para 14 and 15 of the said order dated 06.07.2022 are reproduced below;

"...

14. We deem it just and proper to call a report on the matter in issue in present application, from a Joint Committee consisting of:-

- (i) One Representative from the Ministry of Environment, Forests and Climate Change (MoEF&CC)*
- (ii) One Representative from the Central Pollution Control Board (CPCB);*
- (iii) Representative of the Maharashtra Pollution Control Board (MSPCB).*

15. The Committee is directed to visit the site and submit a factual and action taken report with regard to the violation if any action taken thereon, within in one month. The Maharashtra Pollution Control Board (MPCB) will be the nodal agency for coordination and logistic support.

..."

Copy of the aforesaid order dated 06.07.2022 of the Hon'ble Tribunal is given at **Annexure-I**.

2. THE COMMITTEE

In compliance with the aforesaid order of the Hon'ble Tribunal, MPCB being the Nodal Agency, requested nominations from the MoEF & CC, Integrated Regional Office (IRO), Nagpur, and Central Pollution Control Board (CPCB), Regional Directorate, Pune. Subsequently, a Joint Committee comprising of following representatives from MoEF & CC, CPCB, and MPCB was constituted vide office order dated 28.07.2022 by MPCB;

Table-01: Name and Institute/Organization/Department of the Committee Members

S. No.	Name and designation of the member	Organization/Department
1.	Shri. E. Thirunavukkarasu, Scientist 'E'	Ministry of Environment, Forest & Climate Change, Integrated Regional Office (IRO), Nagpur.
2.	Shri. Pratik Bharne Scientist "E"	Central Pollution Control Board Regional Directorate, Pune
3.	Shri. V. V. Killedar Regional Officer (Member Convenor)	Maharashtra Pollution Control Board, (Nodal Agency) MPCB, Raigad

3. SCOPE OF THE COMMITTEE

As per the Hon'ble NGT order dated 06.07.2022, the scope of the committee is to carry out site visit and submit a factual and action taken report with regard to the violations, if any, action taken thereon.

4. APPROACH OF THE COMMITTEE

In compliance with the aforesaid Hon'ble NGT order, the Joint Committee adopted the following approach;

- Site visit to CETP (RIA CETP); sampling at different stages of treatment of CETP to verify performance and compliance with the prescribed discharge standards;
- Compilation of information/data from CETP, MIDC & MPCB;
- Preparation of draft report, deliberation amongst the members of the Joint Committee and finalization of the Report.

5. ABOUT ROHA INDUSTRIAL AREA AND M/s RIA CETP Co-Op. SOCIETY LTD.

5.1 ABOUT ROHA INDUSTRIAL AREA

Roha Industrial Area (RIA), located about 120 km from Mumbai in Dhatav Village in district Raigad is a chemical zone as declared by MIDC. The industrial area was established in the year 1970 and it is developed by Maharashtra Industrial Development Corporation (MIDC). The total area of Roha Industrial Area is about 245 Hectares.

The industries located in the Roha industrial area are indulged in manufacturing of organic chemicals, dyes and pigments, food colors, pharmaceuticals and inorganic chemicals. The geographical location and layout of MIDC Dhatav in Raigad District are shown in **Image-01, 02 & 03**.

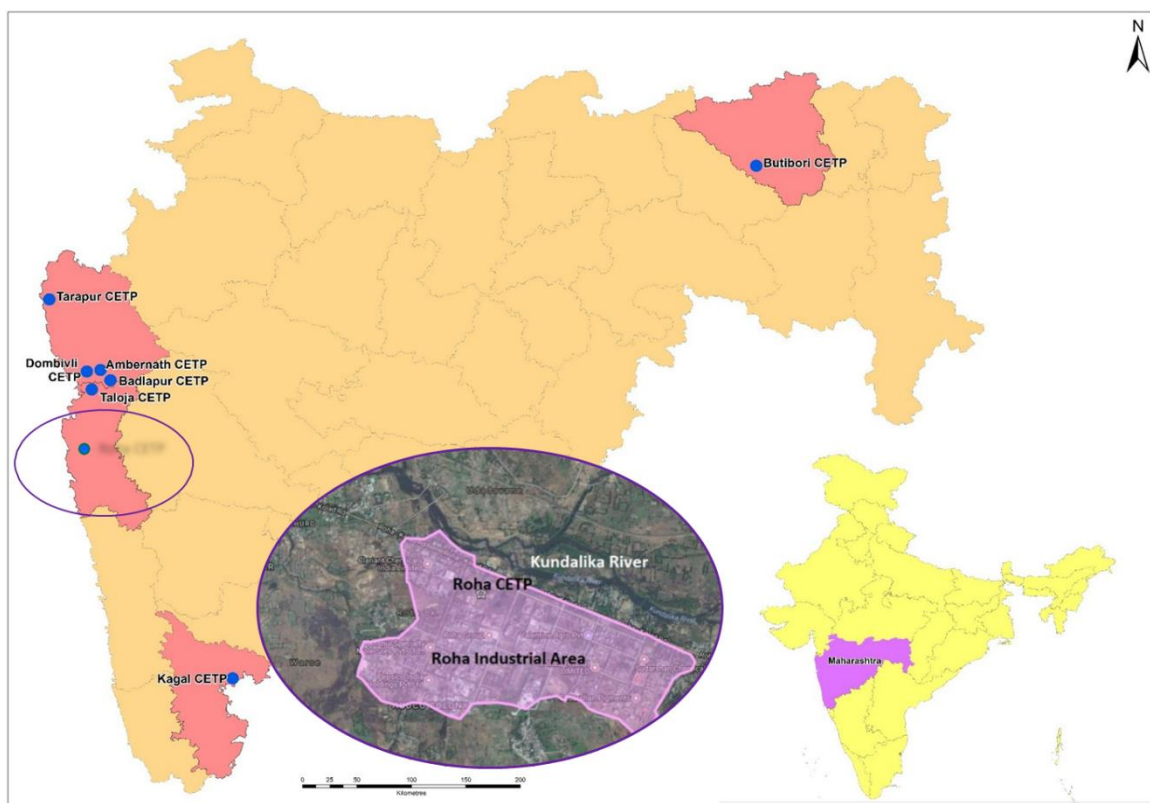


Image-01 :- Location map of Roha Industrial Area and CETP



Image 02 : Satellite view of Roha industrial area.

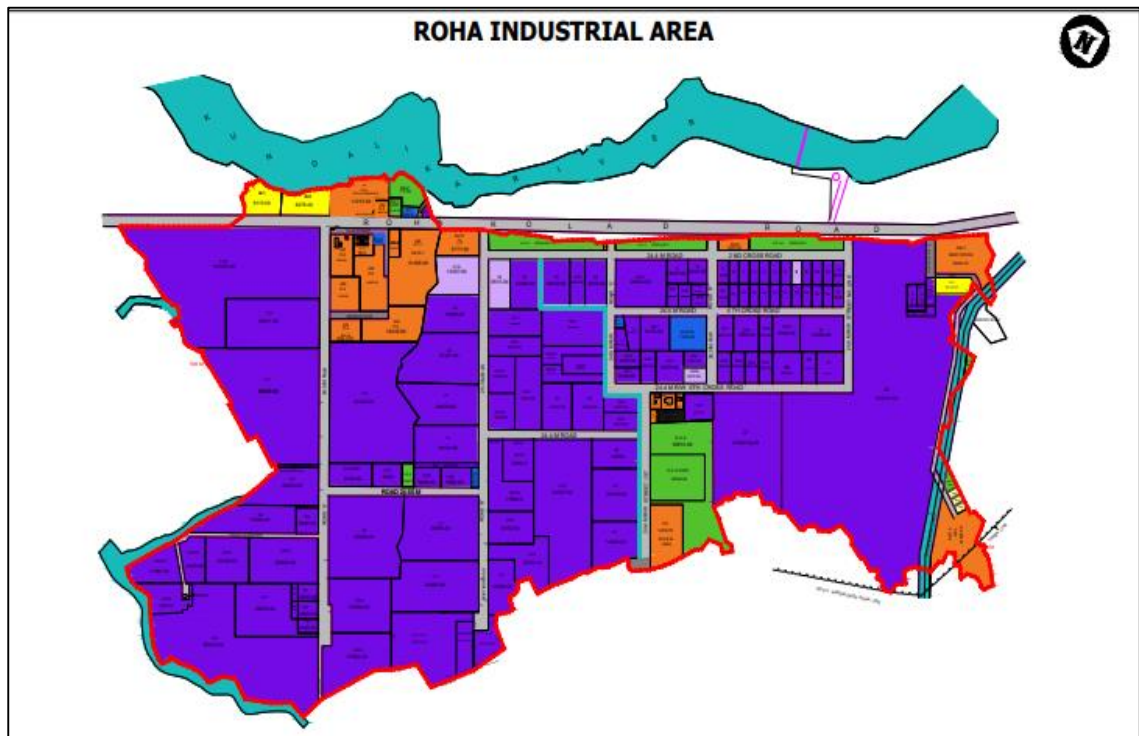


Image 03 : Roha Industrial Area, MIDC DHATAV

The number of industries of different categories in Roha Industrial Area are given in **Table-02**, as below;

TABLE-02: DETAILS OF INDUSTRIES AT ROHA INDUSTRIAL AREA

S. No.	Category of industry	LSI	MSI	SSI	Total
1.	RED	27	05	08	40
2.	ORANGE	02	01	0	03
3.	GREEN	01	0	0	01
	Total	30	06	08	44

*LSI- Large Scale Industry, MSI- Medium Scale Industry and SSI- Small scale Industry

5.2 ABOUT CETP- M/S RIA CETP CO-OP. SOCIETY LTD.

The Roha Industrial Association (RIA) established the RIA Common Effluent Treatment Plant (CETP) Co-Op. Society Ltd. for the purpose of establishing RIA CETP. RIA CETP is located at Plot. No. 6, 9, & 11, MIDC Dhatav, Taluka Roha, District Raigad, Maharashtra (18°25'57" N, 73°09'05" E).

RIA CETP (10 MLD capacity) was commissioned in the year 2005 as phase-1 and it was based on Up-flow Anaerobic Sludge Blanket (UASB) Reactor process followed by Activated Sludge Process (ASP). Further, as Phase-2, Additional capacity i.e. 12.5 MLD with ASP and Tertiary Treatment (Filtration- Pressure Sand Filters (PSF) + Activated Carbon Filters (ACF)) was commissioned in the year 2017, and UASB treatment process was discontinued. The total capacity of CETP is 22.5 MLD. Presently, there are 34 member industries attached to this CETP. The treated effluent is disposed in estuarine portion of River Kundalika (saline Zone) @ 14.30 km from CETP, along with treated effluent from M/s Sudarshan Chemicals Industries Ltd, as suggested by National Institute of Oceanography (NIO).

The existing operations and processes at CETP are Inlet chamber → bar screen → collection-cum-neutralization tank → pH correction → lime dosing → flash mixer (poly-dosing) → primary clari-flocculator → Aeration Tank → secondary clarifier → filter feed sump → pressure sand filter (10 nos.) → activated carbon filters (10 nos.) → Treated Effluent Sump-1 → Collection tank for treated effluent from M/s. Sudarshan Chemicals Ltd (LSI) → Final outlet

from RIA CETP premises (Treated Effluent Sump-2)→ discharge to estuarine portion of Kundalika river.

The process flow for sludge handling is- sludge from primary clari-flocculator and secondary clarifier (→ secondary sludge sump) → sludge thickener → sludge conditioning sump → plate and frame filter press → dewatered sludge to CHWTSDf at M/s MWML, MIDC, Taloja for disposal. No onsite storage facility of sludge provided. The dedicated vehicle is provided for waste disposal to CHWTSDf.

In view of continuous non-compliance of outlet norms, MPCB initiated actions against the non-complying CETPs, including RIA CETP in 2017 (06.03.2017) with directions to Chief Executive Officer (CEO), MIDC, under section 33 A of Water (Prevention and Control of Pollution) Act, 1974, to comply with the following directions-

“

- i) *MIDC shall take over the non-conforming CETPs namely, TEPS-CETP, D-CETP Chemical, Additional Ambernath CETP, RIA CETP, PRIA CETP and Lote CETP located in MIDC areas, within a period of 3 months i.e., on or before 31.05.2017.*
- ii) *MIDC shall operate & maintain these CETPs by its own or otherwise through an Expert Agency.*
- iii) *In case, the MIDC appoint an Expert Agency for operation & maintenance of the above CETPs, then the Member industries/CETP Association shall not directly pay the cost of operation & maintenance to the Expert Agency. MIDC shall collect the said cost from the Member Industries of the aforesaid CETPs.*
- iv) *MIDC being the infrastructure/nodal agency, shall take up the job of operation & maintenance of above non-conforming CETPs within a period of 3 months from the date of receipt of these directions.*
- v) *MIDC shall submit the time bound program to take over the non-conforming CETPs in MIDC area within a period of one month from the date of receipt of these directions.”*

Accordingly, Superintending Engineer (MMR), MIDC, Dombivli, Vide letter dated 09.10.2017 (**Annexure-II**), entrusted M/s CH2M Hill (India) Pvt. Ltd., B-1 D, Sector-10, Noida (UP), with

the work of preparation of tender documents, tender processing, evaluation and recommendations and project management consultancy and additional work of rehabilitation and up-gradation of Tarapur and Roha CETPs (i.e., RIA CETP). The date of commencement of work was 16.03.2017 and stipulated date of completion of work was 15.03.2019. MIDC invited E- tender notice based on the feasibility study report submitted by M/s CH2M and approved by NEERI for the work of design, build, and commission including rehabilitation and up-gradation on DB basis with Operation and maintenance of the 22.5 MLD CETP.

Pursuant to the directions of MPCB, the RIA CETP under the possession of M/s RIA CETP Co-Op. Society Ltd. was handed over to Deputy Engineer, MIDC, Sub-Division, Roha and MIDC further handed over to M/s R&B Infra Projects Pvt. Ltd. Hydroair Tectonics (PCD) Ltd. (JV) for up-gradation and O&M on 01.02.2020. The copy of the letter is given at **Annexure-III**.

The entire capital costs of design, build, and commission including rehabilitation and up-gradation of the CETP for 22.50 MLD is Rs. 45,00,00,000/- (Rupees Forty-Five Crores Only). There after the total probable expenditure will be incurred round about Rupees 60 Crores for operation and maintenance of CETP for 60 months after completion of rehabilitation and up-gradation of CETP.

The entire rehabilitation and up-gradation work of Roha CETP is to be completed and commissioned by 31.01.2023 and the biological activity shall be established in the subsequent 1.5 to 2 months and thereafter the operation and maintenance of CETP will commence for 60 months (5 Years) as per the terms and condition of tender documents and DPR.

The salient features of the rehabilitation and up-gradation of the CETP is provided in Table-as below-

TABLE-03 THE SALIENT FEATURES OF REHABILITATION AND UP-GRADATION OF CETP

Inlet Works, SSI Influent Collection Sump and Equalization Tank	<ul style="list-style-type: none"> • Installation of belt oil skimmer in grease chamber • Modification of grit chamber to mechanical coarse screen Chamber • Installation of submersible mixers and decommissioning of floating aerators in the existing wastewater collection sump • Installation of large blade slow speed submersible mixers and decommissioning of floating aerators in the existing equalization tank • Operate two compartments of equalization tanks in parallel a data variable level to maintain a pumped flow rate a constant as possible, there by
---	--

	maximizing the equalization effect
LSI Wastewater Collection Sump	<ul style="list-style-type: none"> • Construction of new mechanical coarse screen chamber before LSI wastewater collection sump. • Installation of submersible mixers and decommissioning of floating aerators in the receiving sump. • Modification of LSI wastewater collection sump with installation of submersible mixers.
pH Correction Tank, Flash Mixing Tank	<ul style="list-style-type: none"> • Civil upgrade of pH Correction tank and Flash mixing tank as per civil condition assessment.
Primary Treatment (clari-flocculator)	<ul style="list-style-type: none"> • Decommissioning of the existing primary clari-flocculator mechanism and replacing it with new equipment in old clarifier (Phase1). • Adjustable V-notch weirs installed at the periphery of old clarifier (Phase 1) • New pipes, valves and fittings related to primary sludge with draw align old clarifier (Phase1) • Installation of submersible mixers in bioreactor feed sump
Biological Treatment	<ul style="list-style-type: none"> • New Anoxic Tank constructed with submersible mixers • New Fine Bubble Aeration System in place of surface aerators with turbo blowers • Installation of new MLR pumps in each aeration tank. • New RAS and WAS pumping system
Secondary Clarifier and MIDC Treated Used Water Tank	<ul style="list-style-type: none"> • Installation of new secondary clarifier mechanism with adjustable V-notch for Old Secondary Clarifier (Phase1) • Installation of new RAS pumps for both the clarifier (Phase1 and Phase 2) • Installation of new pipes, valves and fittings related to secondary sludge with draw alline, RAS/WAS pumps discharge line.
Tertiary Treatment	<ul style="list-style-type: none"> • Upgrade of existing PSF and ACF with all distribution and backwash system, news and carbon media. • Automatic valves for PSF, ACF. • Installation of new air scouring blowers
Solids Treatment	<ul style="list-style-type: none"> • Construction of new primary sludge sump and installation of new primary sludge transfer pumps. • Installation of new RAS, WAS pumps and submersible mixers in secondary sludge sump. • Construction of new sludge thickeners (two nos.) with picket fence mechanism • Construction of new thickened sludge sump • New filter press feed pumps. • Filter press with semi-automatic control system.

5.3 STATUS OF CONSENT AND ENVIRONMENTAL CLEARANCE (EC)-

Consolidated consent to operate was granted to M/s RIA CETP Co-Op. Society Ltd. vide No. BO/JD(WPC)/UAN No. 0000014897/O/R/CC-180300032, dated 01.03.2018, valid up to

31.12.2021, wherein permission was granted for expansion of CETP from 10 MLD to 22.5 MLD capacity and renewal of consent for existing 10 MLD CETP. The capacity of the CETP was enhanced from 10 MLD to 22.5 MLD in September-2017.

The renewal of consent to operate was granted by MPCB to M/s RIA CETP Co-Op. Society Ltd. vide letter No. 0000127535/CR/2207001646, dated 30.07.2022, against its application No. MPCB-CONSENT-0000127535, dated 15.12.2021, for the treatment of industrial effluent not exceeding 22.5 MLD. The aforesaid consent to operate was granted vide letter dated 30.07.2022 for the period from 31.12.2021 to 31.12.2026. The copy of consent is attached as **Annexure-IV**.

Environmental Clearance (EC) is obtained for the up-gradation of CETP from SEIAA vide letter 11.06.2014 which was valid up to the five years. As per Notification S.O. 2944(E). dated 14.09.2016, the EC validity for this category of projects was seven years and vide S.O No 1807(E) dated 12.04.2022, the EC validity is ten years. The copy of the EC is provided at **Annexure-V**.

6.0 JOINT COMMITTEE VISIT TO M/S RIA CETP AND MONITORING

Site visit to RIA CETP was carried out by the Joint Committee members on 02.09.2022, along with officials from CPCB and MPCB. Shri Patil, OSD (Env) MIDC Mumbai, Shri Bhandekar, Superintendent Engineer, MIDC Panvel, Shri Nanaware, Executive Engineer (Alibaug) along with other MIDC Officials and representatives from Contractor/Operator- M/s R & B Infra Projects Pvt. Ltd. HydroAir (JV) were present during the visit and provided the information and data. Photographs taken during the visit are given at **Annexure-VI**. The google image of RIA CETP is shown in **Image- 4 & 5** as below



Image-04

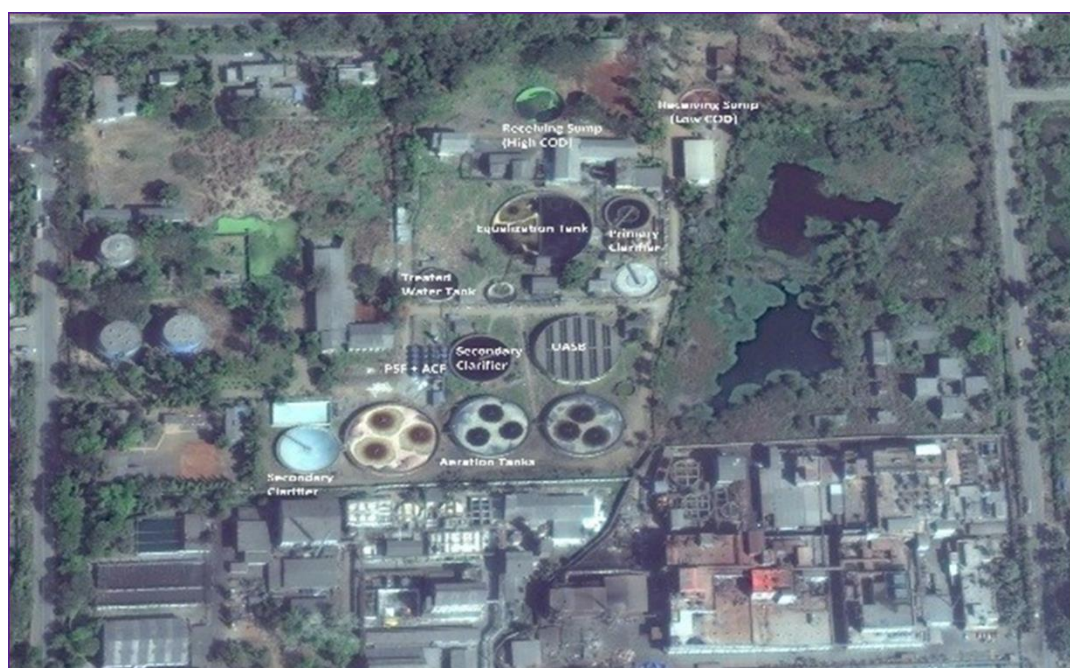


Image- 05

6.1 SAMPLING AND ANALYSIS RESULTS

Grab sampling was carried out at different stages of treatment at the CETP to assess the performance and quality of treated effluent being discharged by the CETP.

As per the data provided, Inlet flow to CETP, Outlet treated effluent flow from M/s Sudarshan Chemicals Ltd (LSI) pumping to collection tank/treated effluent collection sump/tank in the CETP premises and Combined outlet from the premises of CETP to the discharge location at estuarine portion of Kundalika river, is given in following **Table-04**

TABLE-04 DETAILS OF FLOW

Particulars	Month	Flow (m3/Day)		
		MAX	MIN	Average
Inlet to CETP (About 29 industries- LSI/MSI/SSI)	March 2022	12672	6266	8874.607
	April 2022	10404	3575	8195.75
	May 2022	10535	6813	8788.032
	June 2022	11728	4941	9622.567
	July 2022	12612	4891	11219.23
	August 2022	12765	3688	9514.8
	Average	11786	4433.167	9369.164
Outlet treated effluent from M/s Sudarshan Chemicals Ltd (LSI) i.e. collected in collection tank in the CETP premises	March 2022	9020	3640	6398.214
	April 2022	8130	780	6308.929
	May 2022	9840	5170	7062.194
	June 2022	8280	3240	6350.133
	July 2022	8880	2360	5184
	August 2022	6980	1590	4944.733
	Average	8521.667	2666.667	6041.367
Final Outlet from CETP Premises (Outlet CETP after pri & sec treatment + Outlet of treated effluent from M/s Sudarshan Chemicals Ltd (LSI)	March 2022	20012	10726	15305.67
	April 2022	18033	6036	13802.12
	May 2022	19061	12197	15903.59
	June 2022	19438	10291	15800.37
	July 2022	21198	7251	16105.59
	August 2022	19625	5278	14403.92
	Average	19561.17	5908.667	15220.21

From the above table, average inlet flow to CETP – 9369 m³/Day (9.36 MLD), Outlet treated effluent flow from M/s Sudarshan chemicals Ltd (LSI) - 6041.367 m³/Day (6.04 MLD) and Final Outlet from CETP Premises (CETP Outlet + Outlet treated effluent flow from M/s Sudarshan Chemicals Ltd (LSI) - 15220.21 m³/Day (**15.22 MLD**).

M/s Sudarshan Chemicals Industries Ltd is discharging the treated effluent to the collection tank in the premises/CETP Outlet sump as per condition given in the consent (schedule-1, 1 (d) issued to M/s Sudarshan Chemicals Industries Ltd, MIDC Dhatav which states that industry should recycle treated effluent in to process, for cooling tower make up and for utility to the maximum extent and **remaining shall be discharge at CETP outlet sump through dedicated pipeline after confirming to standards.**

The details of sampling locations are provided in **Table-05** below;

TABLE-05: DETAILS OF SAMPLING LOCATIONS

S. No.	Sampling locations	Location Code	Remarks
1.	Inlet to CETP from Equalization Tank	L1	(Min 3.5- Max 12.7, Av- 9.3 MLD (LSI/MSI/SSI – @ 29 Industries)
2.	Outlet of Primary Clarifier	L2	--
3.	Outlet of Secondary Clarifier	L3	--
4.	Treated Effluent Sump-1 after primary & Secondary Treatment	L4	--
5.	Collection tank for treated effluent from M/s Sudarshan Chemicals Ltd (LSI)	L5	(Min 0.8- Max- 9.8 , Av- 6.0 MLD from M/s Sudarshan Chemicals Ltd (LSI)
6.	Final outlet from RIA CETP premises (Treated Effluent Sump-2)	L6	(Min 5.2 - Max- 21.01 , Av- 15.2 MLD L4+L5

The samples were analysed at the Central Laboratory, MPCB, Navi Mumbai. The analysis results of the samples collected at different stages of effluent treatment at RIA CETP are given in **Table-05** below;

**TABLE-05: ANALYSIS RESULTS OF SAMPLES COLLECTED AT DIFFERENT STAGES OF EFFLUENT TREATMENT
AT RIA CETP, MIDC DHATAV, TAL- ROHA, DIST.-RAIGAD**

Parameter	Prescribed standards for inlet	L1	L2	L3	L4	L5	L6	MPCB discharge Standards*
		Inlet to CETP (EQT Tank)	Outlet of PC	Outlet of SC	Treated Effluent Sump-1 after primary & Secondary Treatment	Collection tank for treated effluent from M/s Sudarshan Chemicals Ltd (LSI)	Final outlet from CETP premises (L4+L5)	
pH	5.5 to 9.0	7.2	7.5	6.9	7.5	7.6	10.4	6.0 to 9.0
Total Fixed Solids (TFS)	NS	NA	16824	16151	18241	5876	11932	NS
Suspended Solids (SS)	NS	832	376	258	988	92	106	100
Ammoniacal Nitrogen	50	12.45	13.9	14.55	30.5	3.66	6.52	50
Biochemical Oxygen Demand (BOD)	1000 [#]	320	410	550	625	90	195	100
Chemical Oxygen Demand (COD)	2500 [#]	1792	2304	2432	2800	380	692	250
Nitrate Nitrogen	NS	NA	2.9	3.8	6.2	2.10	1.9	50
Total Kjeldahl Nitrogen (TKN)	NS	NA	36.4	39.2	89.6	8.40	14	50
Oil & Grease	20	1.2	2.2	2.2	2.4	BDL	BDL	10
Phenolic compounds	5	0.16	0.66	0.37	0.63	0.06	0.03	5
Chloride	NS	NA	4903.44	4997.74	5940.71	1282.44	3347.54	NS
Chlorine Residual	NS	NIL	NIL	NIL	NIL	NIL	NIL	1
Cyanide	2	BDL	BDL	BDL	BDL	0.10	BDL	0.2
Fluoride	15	0.55	0.26	0.79	1.5	0.37	0.41	15
Phosphate (Total)	NS	NA	3.39	2.55	2.3	2.73	1.39	NS
Sulphate	NS	NA	3590	3902	3793	954.50	1239.5	NS
Sulphide	NS	NA	NA	NA	NA	NA	NA	5
Arsenic	0.2	BDL	BDL	BDL	BDL	0.01	BDL	0.2
Cadmium	1	BDL	BDL	BDL	BDL	0.03	0.01	0.05
Chromium Hexavalent	2	BDL	BDL	BDL	BDL	BDL	BDL	0.1

Parameter	Prescribed standards for inlet	L1	L2	L3	L4	L5	L6	MPCB discharge Standards*
		Inlet to CETP (EQT Tank)	Outlet of PC	Outlet of SC	Treated Effluent Sump-1 after primary & Secondary Treatment	Collection tank for treated effluent from M/s Sudarshan Chemicals Ltd (LSI)	Final outlet from CETP premises (L4+L5)	
Copper	3	0.16	0.14	0.13	0.23	0.04	0.22	3
Iron	NS	NA	1.58	1.95	2.07	0.78	0.54	3
Lead	1	BDL	BDL	BDL	BDL	0.03	BDL	0.1
Manganese	NS	NA	0.49	0.41	0.5	0.04	0.04	2
Mercury (Processing & Analysis)	0.01	BDL	BDL	BDL	BDL	BDL	BDL	0.01
Nickel	3	0.01	0.02	0.03	0.02	0.02	0.01	3
Zinc	15	0.04	0.01	0.02	0.03	0.01	0.03	15
Boron	2	0.09	NA	NA	NA	NA	NA	NS

Concentration of all the values is expressed in mg/L, except pH; BDL-Below Detection Limit; NS-Not specified.NA- Not Analysed

*Standards prescribed by MPCB as consent conditions. #In case of SSI unit, BOD of maximum 1000 mg/l and COD of maximum 2500 mg/l will be allowed to inlet of CETP. All large and medium scale units irrespective of the quantity of the effluent will have to achieve the standards as prescribed in the letter of the consent issued to them individually under the Water (P & CP) Act 1974, Air (P & CP), Act 1981, Hazardous & Other waste (Management & Transboundary Movement) 2016 Amendment thereto before discharging the effluent to CETP.

MPCB carry out weekly sampling at Inlet and outlet of CETP. The analysis results are compiled and monthly average values of the main pollutants/parameters (pH, TSS, BOD, COD, & TDS) for the year 2021 and 2022 (up to August 2022) are given in **Annexure-VII**.

It is revealed from the analysis results that monthly average value of inlet BOD and COD is in the range of 700 to 900 mg/l and 2300 to 2600 mg/l respectively, as against the, designed inlet parameters for BOD i.e. 1000 mg/l and COD i.e. 2500 mg/l, respectively.

It is also revealed that the monthly average value of BOD and COD at the combined outlet of CETP and M/s Sudarshan Chemical Industries Ltd is in the range of 100 to 225 mg/l and 300 to 675 mg/l respectively as against consent discharge standards prescribed for CETP for BOD and COD 100 & 250 mg/l respectively.

7.0 OBSERVATIONS AND FINDINGS:

- I. During the visit, work of up-gradation and rehabilitation of CETP was under progress. The status of the aforesaid work is provided at **Annexure-VIII**. It is informed MIDC had committed time up to 30th Aug 2022 to complete up-gradation and revamping work of CETP to MPCB, however, it was got delayed due to COVID and the same shall be completed by 31.01.2023.
- II. CETP was operational with equalisation tank, flash mixer, one primary clarifier and one aeration with secondary clarifier. Tertiary treatment system was not in operation.
- III. The treated effluent of CETP (L4) is mixed/diluted with treated effluent received from M/s Sudarshan Chemicals Industries Ltd (L5) in Treated Effluent Sump-2 (L6) which is then discharged into the estuarine portion of river Kundalika (saline zone) through closed pipeline about 14.3 km at Gofan Village as per designated by the National Institute of Oceanography (NIO).
- IV. The concentration of analysed parameters are higher in the outlet of CETP i.e. after primary and secondary treatment than inlet of CETP. It shows there is no treatment in the CETP and operation of the CETP is disturbed. The concentration of analysed parameters viz. SS (988 mg/L), BOD (625 mg/L), and COD (2800 mg/L), TKN (89.6 mg/l)

at Treated Effluent Sump-1 after primary & Secondary Treatment, are not meeting outlet standards prescribed for CETP.

- V. The concentration of analysed parameters viz. pH (10.4), SS (106 mg/L), BOD (195 mg/L), and COD (692 mg/L), in the final outlet from the premises of CETP even after mixing with the treated effluent received from M/s Sudarshan Chemicals Industries Ltd (L6), exceeded the outlet standards prescribed for CETP by MPCB. The concentration of other analysed parameters are within the prescribed standards.
- VI. Online Continuous Effluent Monitoring System (OCEMS) has been installed (Make::can) by the CETP at both inlet and final outlet for parameters viz. pH, COD, BOD, TSS, pesticides, chromium, conductivity, oil and grease, NH₄-N. The OCEMS was operational and the instantaneous values displayed at the inlet and final outlet are given below;

TABLE-06: DISPLAY OF OCEMS RESULTS

S. No.	Parameters	Inlet of CETP	Final outlet of CETP
1.	pH	5.91	--
2.	TSS, mg/L	264.75	40.02
3.	COD, mg/L	1989.57	248.27
4.	BOD, mg/L	437.61	30.05
5.	Pesticides, mg/L	2.96	0.07
6.	Chromium, mg/L	6.10	0.04
7.	Conductivity, μ S/cm	--	8694
8.	Oil & Grease, mg/L	--	1.65
9.	NH ₄ -N, mg/L	161.40	59.02
10.	Phenolic compounds, mg/L	6.55	--

- VII. The analysis results of the manual sampling and OCEMS are not matching. There is need to properly calibrate and maintain OCEMS. The instantaneous readings from the online continuous effluent monitoring system (OCEMS) reveal that the CETP is receiving industrial effluent having high concentrations of Ammoniacal Nitrogen, Chromium, and phenolic compounds from the member industries where the concentration of Chromium, and phenolic compounds are exceeding inlet standards prescribed by MPCB. The concentration of NH₄-N exceeded the prescribed discharge standard under the consent conditions prescribed for the final outlet of CETP.

8.0 ACTIONS TAKEN BY MPCB-

- I. MPCB had issued directions to MIDC vide letter dated 06.03.2017 to take over the non-complying CETPs including RIA CETP Roha.
- II. MPCB had filed Criminal Case No 44 of 2018 against M/s. RIA CETP Co. Op. Society Ltd., Dist.- Raigad before the Hon'ble JMFC- Roha due to non-compliances, which is pending before the Hon'ble Court.
- III. In view of the non-compliances of the RIA CETP Co. Op. Society Ltd. Tal.:Roha, Dist.:Raigad, MPCB has issued Directions u/s 33A of the Water (Prevention and Control of Pollution) Act, 1974 and u/s 31A of the Air (Prevention and Control of Pollution) Act, 1981 vide letters dtd. 13.11.2020, 27.01.2021 and 05.03.2021 respectively. Further, issued Prosecution Notice to M/s. RIA CETP Co. Op. Society Ltd. Tal.:Roha, Dist.:Raigad vide letter dtd. 07.12.2021. A copy of the Prosecution Notice dtd. 07.12.2021 is enclosed herewith as **Annexure-IX**.
- IV. MPCB has recently vide letter dated 08.08.2022 (**Annexure-X**) issued Directions u/s 33A of the Water (Prevention and Control of Pollution) Act, 1974 & u/s 31A of the Air (Prevention and Control of Pollution) Act, 1981 to M/s. Roha Industrial Association, MIDC Dhatav, Ta- Roha Dist Raigad and directed to comply as follows:
 - a. M/s. RIA CETP Co. Op. Society Ltd. shall submit list of defaulting industries to MPCB who are discharging high COD and TDS effluent to CETP.
 - b. M/s. RIA CETP Co. Op. Society Ltd. shall not accept the effluent from member industries who are failed to comply the direction issued by the Board towards installation of two ways SCADA system, installation, and effective operation of OCMS, strainer, positive discharge, one day holding tank, NRV etc.
- V. MPCB has also issued Directions u/s 33A of the Water (Prevention and Control of Pollution) Act, 1974 & 31A of the Air (Prevention and Control of Pollution) Act, 1981 to MIDC and M/s RIA CETP Operator i.e. M/s. R & B Infra Projects Pvt. Ltd. Hydroair Tectonics (PCD) Ltd. vide letter dated 08.08.2022 (**Annexure-XI**) as follows: -

- a. To complete upgradation and revamping work of CETP within stipulated time period i.e. 30th Aug 2022 as committed by MIDC.
 - b. MIDC and CETP authority shall put all the existing CETP units in operation and operate it scientifically and ensure the disposal of treated effluent shall achieve consented standards.
 - c. MIDC and CETP authority shall dispose Hazardous Wastes/ETP sludge to the CHWTSDf immediately.
 - d. MIDC and CETP authority shall make necessary treatment provisions during the upgradation of the existing units.
 - e. MIDC shall curtail water supply of the member industries by 50% within reference to Boards consent quantity till completion of the up-gradation and revamping work of CETP.
- VI. MPCB has forfeited the Bank Guarantee of Rs.10.0 Lakhs submitted by M/s. RIA CETP Co. Op. Society Ltd. on the ground of exceedance of consented standards.
- VII. The copies of the directions issued by MPCB and reply received from the CETP is attached as **Annexure-XII**.

9.0 CONCLUSIONS -

- I. The work of upgradation and rehabilitation of CETP was under progress. It is informed that the same shall be completed by 31.01.2023 and works get delayed due to covid situation.
- II. The renewal of consent to operate was granted by MPCB to M/s RIA CETP Co-Op. Society Ltd. vide letter No. 0000127535/CR/2207001646, dated 30.07.2022, against its application No. MPCB-CONSENT-0000127535, dated 15.12.2021. The aforesaid consent to operate was granted vide letter dated 30.07.2022 for the period from 31.12.2021 to 31.12.2026 and Environmental Clearance (EC) is obtained for the up-gradation of CETP from SEIAA vide letter 11.06.2014.
- III. CETP was operational with equalization tank, flash mixer, one primary clarifier and one aeration with secondary clarifier were operation during the visit. Tertiary treatment system was not in operation. As observed from the analysis results there is no treatment in the CETP. The concentration of TSS, BOD, COD, NH₃-N & O & G are found increasing from the inlet to Outlet CETP i.e. Outlet of secondary treatment. The

concentration of analysed parameters viz. SS (988 mg/L), BOD (625 mg/L), and COD (2800 mg/L), TKN (89.6 mg/l) at Outlet of CETP i.e. Treated Effluent Sump-1 after primary & Secondary Treatment, are not meeting outlet standards prescribed for CETP and many times more than the outlet standards.

- IV. The treated effluent of CETP (L4) is mixed/diluted with treated effluent received from M/s Sudarshan Chemicals Industries Ltd (L5) in Treated Effluent Sump-2 (L6) which is then discharged into the estuarine portion of river Kundalika (saline zone) through closed pipeline about 14.3 km at Gofan Village as per designated by the National Institute of Oceanography (NIO). The concentration of analysed parameters viz. pH (10.4), SS (106 mg/L), BOD (195 mg/L), and COD (692 mg/L), in the final outlet from the premises of CETP even after mixing with the treated effluent received from M/s Sudarshan Chemicals Industries Ltd (L6), exceeded the outlet standards prescribed by MPCB.
- V. In view of the continuous non-compliances and not achieving the consented standards, MPCB has taken various actions against M/s. RIA CETP Co. Op. Society Ltd., Dist. Raigad by issuance of Show Cause Notices, Prosecution Notices, Directions as well as filing of Criminal Complaint against the CETP and forfeited the Bank Guarantee of Rs.10.0 Lakhs. The performance of CETP is expected to improve after the completion of present upgradation.
- VI. There is urgent need to stringently comply the MPCB all the Directions u/s 33A of the Water (Prevention and Control of Pollution) Act, 1974 & u/s 31A of the Air (Prevention and Control of Pollution) Act, 1981 vide letter dated 08.08.2022 to M/s. Roha Industrial Association, Raigad and to MIDC and M/s RIA CETP Operator i.e. M/s. R & B Infra Projects Pvt. Ltd. & Hydroair Tectonics (PCD) Ltd (JV) including-
 - a. M/s. RIA CETP Co. Op. Society Ltd. shall submit list of defaulting industries to MPCB who are discharging high COD and TDS effluent to CETP.
 - b. M/s. RIA CETP Co. Op. Society Ltd. shall not accept the effluent from member industries who are failed to comply the direction issued by the Board towards installation of two ways SCADA system, installation, and effective operation of OCMS, strainer, positive discharge, one day holding tank, NRV etc.

- c. MIDC shall curtail water supply of the member industries by 50% within reference to Boards consent quantity till completion of the upgradation and revamping work of CETP.

10. RECOMMENDATIONS

- I. Considering the continuous non-compliance of the CETP, stringent action against the member industries based on monitoring/vigilance carried out by MPCB, and also Roha Industrial Association. List of defaulting industries (who are letting the effluent to CETP without confirming norms) shall be provided by Roha Industrial Association to MPCB for taking appropriate action. MPCB shall take action against these defaulting units including recovery of environmental compensation.
- II. MIDC/CETP Operator to expedite the up-gradation work and complete as early as possible since the required equipment have already been brought to the site. Time bound action plan for this period may be submitted to MPCB.
- III. The Directions issued by MPCB u/s 33A of the Water (Prevention and Control of Pollution) Act, 1974 & u/s 31A of the Air (Prevention and Control of Pollution) Act, 1981 vide letter dated 08.08.2022 to M/s Roha Industrial Association, Raigad and to MIDC and M/s RIA CETP Operator i.e. M/s. R & B Infra Projects Pvt. Ltd. & Hydroair Tectonics (PCD) Ltd. shall be strictly complied.
- IV. Environmental compensation may be imposed on CETP due to continuous non-compliance of discharge standards.
- V. On-site storage facility for the hazardous waste i.e. sludge shall be provided.

00xxx00

Item No.01

(Pune Bench)

**BEFORE THE NATIONAL GREEN TRIBUNAL
WESTERN ZONE BENCH, PUNE**

(By Video Conferencing)
Original Application No. 58/2022(WZ)
I.A. No. 73/2022(WZ)

Aryavart Foundation

Applicant(s)

Versus

M/s. Ria CETP Co-Op. Society Ltd. & Ors.

Respondent(s)

Date of hearing: 06.07.2022.

**CORAM: HON'BLE MR. JUSTICE DINESH KUMAR SINGH, JUDICIAL MEMBER
HON'BLE DR. VIJAY KULKARNI, EXPERT MEMBER**

Applicant(s): Sh. Raj Panjwani, Sr. Advocate

ORDER

1. **I.A. NO. 73/2022:-** Heard the argument of Sh. Raj Panjwani, Learned Counsel for the Applicant on Interlocutory Application No. 73/2022 whereby prayer is made for impleadment of Ministry of Environment, Forests and Climate Change (MoEF & CC), Maharashtra Industrial Development Corporation (MIDC) and District Collector, Raigad as Respondents in the present matter.
2. At this stage, we are convinced that only Maharashtra Industrial Development Corporation (MIDC) needs to be impleaded and accordingly, we allowed this Application partly.
3. We direct the Applicant to take necessary steps for impleading the Maharashtra Industrial Development Corporation (MIDC) as Respondent No.4 and file amended memo of party by tomorrow itself.
4. **Main Matter:-** Heard the argument of Sh. Raj Panjwani, Learned Counsel for the Applicant.
5. The prayer is made therein that the Respondent No.1 -M/s. Ria CETP Co. Op. Society Ltd. should be directed to be closed and special and punitive

damages be imposed upon Respondent No.1 towards restoration and restitution of environment caused by releasing effluents/emissions not in conformity with the prescribed standards.

6. Further, it is prayed that Respondent No.2-Maharashtra Pollution Control Board (MPCB) be directed to conduct a survey to determine the environmental damage caused by Respondent No.1 and also prosecution be initiated against Respondent No.1 by Respondent No.2.

7. The Applicant in the present case is a society which has been routinely prosecuting industries which have been acting in contravention of the environmental laws and norms.

8. The Applicant has gathered information under Right Information Act, 2005 (RIA) with respect to the various violations having been committed by the Respondent No.1.

9. Paragraph no. 10 to paragraphs no. 93 of the paper book show that various violations and non-compliances have been noted and proofs with regard to that have also been annexed in the form of annexures. On the basis of the said documentary evidences annexed, we find that substantial question of environment appears to be made out in the present matter. Therefore, we admit this Application.

10. Issue notices to the Respondent Nos. 1 to 3 and also to the newly added Respondent No.4, returnable within two weeks.

11. Applicant is directed to provide copy of the application and relevant documents to the respondents within a week.

12. Respondents are directed to submit their reply within three weeks.

13. Applicant is also directed to take necessary steps for service upon the respondents by both ways and also through available email.

14. We deem it just and proper to call for a report on the matter in issue in present application, from a Joint Committee consisting of:-

- (i) One Representative from the Ministry of Environment, Forests and Climate Change (MoEF&CC)
- (ii) One Representative from the Central Pollution Control Board (CPCB);
- (iii) Representative of the Maharashtra State Pollution Control Board (MSPCB).

15. The Committee is directed to visit the site and submit a factual and action taken report with regard to the violation if any action taken thereon, within one month. The Maharashtra Pollution Control Board (MPCB) will be the nodal agency for coordination and logistic support.

16. The report in the matter be filed by the Committee by e-mail at ngt-pune@gov.in preferably in the form of searchable PDF/ OCR Support PDF and not in the form of Image PDF.

17. Applicant is directed to supply the required documents and copy of the application to the members of the Committee within three days from today.

Put up with the report on 05.09.2022.

Dinesh Kumar Singh, JM

Dr. Vijay Kulkarni, EM

July 06, 2022
Original Application No. 58/2022(WZ)
I.A. No. 73/2022(WZ)
JG



MIDC

No./SE(MMR)/D61420/of'2017,
Office of the Superintending Engineer (MMR),
MIDC., Dombivli -421 203.

Date:- 09/10/2017

To,
M/s. CH2M Hill (India) Pvt Ltd;
B-1 D, Sector-10,
Noida-201 301 (UP)

Sub.: Dombivli Industrial Area...
Consultancy services for Developing Water
Resiliency through recycle water for selected MIDC
Areas (Dombivli, Ambernath, Addl. Ambernath and
Badlapur Indl. Areas) and associated infrastructure for
Maharashtra Industrial Development Corporation.

Ref.: Agreement No.B-2/4 of 2016-17 of Dombivli Division.

Dear Sir,

The subject work is entrusted to you vide agreement under reference. The tender is awarded to you at a price of INR 11,93,28,025/- (including prevailing service tax and cess). The date of commencement is 16/03/2017 and stipulated date of completion is 15/03/2019.

An additional work of project report upto condition assessment and basic feasibility report (upto stage 2) of the projects for Tarapur, Kagal & Butibori, Nagpur CETP and completion of remaining work of Taloja CETP upto tendering stage (stage 4) and PMC of the projects under the scope of additional work is also included in the scope of subject work with no extra cost.

Now, the competent authority of MIDC has accepted your offer for preparation of tender documents, tender processing, evaluation and recommendations and project management consultancy for Tarapur & Roha CETP and additional work of Malegaon, Yavatmal & Addl. Butibori CETPs.

Now, following additional works amounting to INR 5,82,15,118/- are entrusted to you under the ongoing agreement No.B-2/4 of 2016-17 under Dombivli Division. Additional works are to be completed within stipulated time limit of the accepted tender agreement upto 15/03/2019.

01) Additional work of rehabilitation and Upgradation of Tarapur CETP.	... Rs.56,97,505.00
02) Additional work of rehabilitation and Upgradation of Roha CETP.	... Rs.85,28,725.00
03) Additional work of Malegaon, Yavatmal and Addl. Butibori CETPs	... Rs. 4,39,88,888.00

Total ... Rs. 5,82,15,118.00

F. H. AIRGAL Khanna & Co. T. H. Engineer & Architect

.../2/...

You are requested to sign and return the duplicate copy of the letter of acceptance (LOA), for this additional work, in acknowledgement, within 7 (seven) days of the receipt of LOA to Executive Engineer, MIDC Dombivli Division.

Also you are requested to furnish within 15 (fifteen) days of issue of letter of acceptance (LOA), an unconditional and irrevocable, bank guarantee as a performance security in the format given in Annexure A of RFQ cum RFP of agreement from a nationalized /scheduled commercial Indian Bank for an amount of Rs.29,10,800/- equivalent to 5 (five) percent of the price of additional work.

Thanking you.

Yours faithfully,

(S.R.Tupe)

Superintending Engineer (MMR)
MIDC, Dombivli

- Copy submitted to the Dy. Chief Executive Officer (Env.) MIDC, Mumbai-93 for favour of information please.
- Copy submitted to the Chief Engineer (HQ), MIDC Mumbai-93 for favour of information please.
- Copy submitted to the Chief Engineer (N), MIDC Nagpur for favour of information please.
- Copy submitted to the Chief Engineer, MIDC Aurangabad for favour of information please.
- Copy f.w.cs. to Superintending Engineer (Konkan), Panvel for information.
- Copy f.w.cs. to Superintending Engineer (M), Mumbai for information.
- Copy f.w.cs. to Superintending Engineer, Nagpur for information.
- Copy f.w.cs. to Superintending Engineer, Amravati, for information.
- Copy f.w.cs. to Superintending Engineer, Nashik for information.
- Copy to Executive Engineer, MIDC Dombivli Division for information and necessary action.
- Copy to Executive Engineer, MIDC Thane Dn.No.1, Thane for information and necessary action.
- Copy to Executive Engineer, MIDC Nagpur Division No.1 for information and necessary action.
- Copy to Executive Engineer, MIDC Amaravati Division for information and necessary action.
- Copy to Executive Engineer, MIDC Nashik Division for information and necessary action.
- Copy to Executive Engineer, MIDC Alibag for information and necessary action.
- Copy to guard file.

Acknowledgment of Receipt



F:\ER MREGAL\Khatu\Kor - TR English letter.docx

**WORK ORDER****MIDC**

No./EE/TC/IFMS/A-97313 Of'17
Office of the Executive Engineer,
MIDC Division, Dombivli,
Date:-16/03/2017
Email :- eedombivli@midcindia.org
Phone No. :- 0251 - 2471316

✓ To,
M/s.CH2M Hill (India) Pvt. Ltd.
B-1D Sector-10
Noida-201301(UP)

Sub:-Dombivli Indl. Area...Consultancy services for Development Water Resiliency through Recycle water for selected MIDC area (Dombivli, Ambernath, Addl.Ambernath, & Badlapur Industrial Areas) and Associated infrastructure for Maharashtra Industrial Development Corporation.

- Ref:-1) E-Tender Notice No.14(HQ) of 2016-2017(Mumbai)
2) E-opened on dtd.04/11/2016.
3) Office Note no.CEO/D-71727 Dtd.07/02/2017
4) Your Letter No.Nil dtd.16/12/2016,
5) This office Letter No.EE/TC/IFMS/A-61491of17 dtd.15/02/2017
6) Your Letter No.Nil dtd.20/02/2017,
7) This office Letter No.EE/TC/IFMS/A-70220 of17 dtd.23/02/2017

Dear Sir,

Since you have paid performance security of Rs 59,66,500/-equivalent to 5% of total cost. of proposal by B.G.No.IGTI 700778 Dtd.28/02/2017 and signed the tender documents, your offer is finally accepted at Rs. 10,37,63,500/- (excluding service tax and cess) and Rs 11,93,28,025/- (including prevailing service tax & cess) as per details given below:-

Item	Amount in words	Amount in Figures cost.
Cost of financial proposal (including all other taxes)	Rs.Ten crore Thirty seven lac. Sixty Three Thousand five hundred Only	Rs 10,37,63,500/-
Service Tax (@14%) and ess (including Swachh Bharat Cess @ 0.5% and Krishi Kalyan Cess@0.5% as applicable	Rs One Crore Fifty five lac. Sixty Four Thousand five hundred Twenty Five hundred Only.	Rs 1,55,64,525/-
	TOTAL	Rs.11,93,28,025/-

Name of the work : Consultancy Services for Developing water Resiliency through Recycle Water for selected MIDC areas (Dombivli, Ambernath Addl.Ambernath and Badlapur Indl.Areas) and associated infrastructure for Maharashtra Industrial Development Corporation

Tender accepted Rate : Rs. 11,93,28,025/- (Including prevailing service tax and cess)

Date of commencement : 16/03/2017

Time limit : Twenty Four Months including Monsoon (As per section 5& clause No.5.4 Deliverables and timeframe)
 Date of completion : 15/03/2019

In addition to the subject work additional works for the projects report up to condition assessment and basic feasibility report (up to stage 2) of project for Tarapur, Kagal, Butibori, Nagpur CETP's and completion of remaining work of Taloja CEPT up to tendering stage (stage 4) and PMC of project is also incorporated under the scope of subject work with no extra cost.

Your tender has been assigned consultancy tender number as B-2/4 for 2016-17 which should be quoted in all future correspondence. You are now requested to contact our Deputy Engineer & PA(III) MIDC Division Dombivli, since the subject work will be executed under the control of DE & PA-III as per the agreed terms and conditions.

The work should be carried out strictly as per tender specifications and completed in all respect within the stipulated time limit please note.

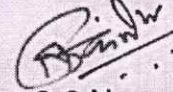
The following letters shall form part and parcel of the agreement.

- 1) Your Letter No. Nil dtd. 16/12/2016,
- 2) This office Letter No. EE/TC/IFMS/A-61491 of 17 dtd. 15/02/2017
- 3) Your Letter No. Nil dtd. 20/02/2017,
- 4) This office Letter No. EE/TC/IFMS/A-70220 of 17 dtd. 23/02/2017

Your tender copy is enclosed herewith, Please acknowledge the receipt of this letter.

Thanking you,

Yours faithfully,


 S.S. Nanaware)

Executive Engineer,
 MIDC Division, Dombivli.

DA :- Copy of accepted
 Tender Agreement
 No. B-2/4 for 2016-17
 Copy submitted to: -

- The Dy. CEO (Environment) MIDC., Mumbai-93 for information please.
- The Chief Engineer (HQ), MIDC., Mumbai-93 for information please.
- The Chief Accounts officer, MIDC, Mumbai-400 093 for information please.

DA : As above

- Copy submitted to S.E. (Kokan), S.E. (Pune), S.E. (Nagpur) for information please.
- Copy submitted to S. E. (MMR), MIDC, Dombivli for information please.

DA : As above.

- Copy fwcs to Executive Engineer (Env.) MIDC Mumbai, for information please.
- Copy fwcs to Executive Engineer MIDC Ambernath, for further needful.
- Copy fwcs Executive Engineer MIDC Alibag, for further needful.
- Copy fwcs Executive Engineer MIDC Thane-I, for further needful.
- Copy fwcs Executive Engineer MIDC Kolhapur, for further needful.
- Copy fwcs Executive Engineer MIDC Nagpur. For further needful.
- Copy to the Deputy Engineer & PA(III) MIDC Division Dombivli for information & necessary action

DA : As above.

- Copy to Tech. Branch/A.B. Branch for information.

DA : As above.

- Copy to guard file.

Sub:- Handling Over of CETP at Roha Industrial Area...

Ref:- 1. Direction of MPCB vide B -962 dt 06/03/2017.
2. The Ex.Engineer, MIDC, Division Alibag letter No A-40331,
Dt 29/01/2020.

As per the directions of MPCB, the CETP at Roha Industrial Area, which is in possession of M/s. RIA CETP Co Op society Ltd is handed over to Deputy Engineer, MIDC, Sub-Division, Roha and further the same is handed over to M/s. R & B Infra Projects Pvt. Ltd. Hydroair Tectonics (PCD) Ltd.(JV) for upgradation and O &M. The inventory of structures/ Installations in the CETP premises is as per annexure-I enclosed.

Date: 01/02/2020.

Place: Roha.

Encl - Annexure-I.



Handed Over by

Taken Over by

M/s. RIA CETP
Co.Op.Soc.Ltd.

Deputy Engineer
MIDC Sub-Dn. Roha

R & B Infra Project Pvt Ltd
Hydroair Tectonics (PCD) Ltd.(JV)

- 1) Copy Submitted to the Executive Engineer, MIDC, Division Alibag for favour of information please.
- 2) Copy f.w.cs to the Chairman, RIA CETP Co Op Soc Ltd., Plot No. P-6, MIDC, Roha Indl area, Dhatav Roha for information.
- 3) Copy f.w.cs to M/s R & B Infra Project Pvt Ltd. Hydroair Tectonics (PCD) Ltd.(JV) for information.

MAHARASHTRA INDUSTRIAL DEVELOPMENT CORPORATION
(A GOVERNMENT OF MAHARASHTRA UNDERTAKING)

- 4) Copy to Guard File.



RESPONSIBILITIES FOR RIA CETP FROM 1 ST FEB 2020


MIDC

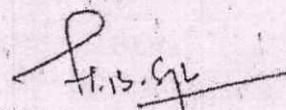
1. MIDC will collect the CAPEX contribution of 25 % of the project cost, from all plot holders proportionate to water consumption of individual industry.
2. MIDC will recover monthly treatment charges from all plot holders as per statement submitted by RIA-CETP. (mutually agreed by MIDC & RIA CETP) based on the total amount to be recovered and water consumption informed by MIDC.
3. MIDC will recover certain amount from industries along with treatment charges bill to meet monthly maintenance expenses of RIA -CETP.
4. MIDC will grant higher volume of water supply to industries on their individual request / application after following due process and approval of competent authority.
5. MIDC will help to recover outstanding dues of RIA-CETP from its member industries.
6. Taking / handing over of CETP to MIDC is inclusion of all plot holders including Sudarshan Chemical Industries Limited and all other similar plot holders from Roha Industrial Area.

CONTRACTOR

7. As per tender agreement, contractor will install pilot plant and operate it to the satisfactorily results to prove the treatment scheme with desired results. These results will be witnessed by MIDC and RIA-CETP.
8. Contractor will work in battery limit i.e. within the CETP premises, unless instructed by MIDC.


M/s. RIA CETP
Co-Op. Soc. Ltd.


Deputy Engineer
MIDC Sub-Dn. Roha


R & B Infra Project Pvt Ltd
Hydroair Tectonics (PCD) Ltd. (JV)



9. In case COD of Influent crosses 3000 ppm, Contractor will report to RIA-CETP and MIDC to take further action. Any consequence for that purpose from MPCB/CPCB/NGT will be RIA-CETP's responsibility.
10. Contractor will not sample / monitor any of the member industry without permission of MIDC.

RIA-CETP (i.e. RIA-CETP Co-op. Society)

11. RIA-CETP will operate Testing Laboratory for monitoring effluent quality of member industries and verifying influent quality on daily basis.
12. RIA-CETP will collect samples of effluent being discharged from member industries as vigilant sampling. Quality of these samples will form a parameter for determining treatment charges, which will be decided by RIA-CETP & MIDC.
13. RIA-CETP and MIDC can review the treatment scheme based on the pilot plant operation and its success.
14. RIA-CETP will submit monthly treatment charges statement to MIDC based on water consumption and quality of effluent.
15. Exception shall not be provided to any of the plot holder with respect to treatment charges formula/e as decided between RIA-CETP and MIDC
16. It will be sole responsibility of RIA-CETP to meet the designed parameters (consented by MPCB) of effluent at the inlet of CETP.

Date : 01/02/2020

Place : Roha

M/s. RIA-CETP
Co.Op.Soc.Ltd.

Deputy Engineer
MIDC Sub-Dn. Roha

R & B Infra Project Pvt Ltd
Hydroair Tectonics (PCD) Ltd.(JV)

MAHARASHTRA POLLUTION CONTROL BOARD

Tel: 24010706/24010437
 Fax: 24023516
 Website: <http://mpcb.gov.in>
 Email: cac-cell@mpcb.gov.in



Kalpataru Point, 2nd and
 4th floor, Opp. Cine Planet
 Cinema, Near Sion Circle,
 Sion (E), Mumbai-400022

RED/L.S.I (R14)
 No:- Format1.0/CC/UAN
 No.0000127535/CR/2207001646

Date: 30/07/2022

To,
 M/s RIA CETP Co. Op. Society Ltd.
 Plot No. 6,9 & 11,MIDC DHATAV
 ROHA,Dist Raigad



Your Service is Our Duty

Sub: Renewal of Consent to Operate for 22.5 MLD capacity Common Effluent Treatment Plant under Red Category

Ref:

1. Consent to Operate granted vide No BO/JD(WPC)/UAN No 0000014897/O/R/CC-180300032 dtd 01.03.2018
2. Minutes of 1st Consent Committee meeting held on 08.04.2022.

Your application No.MPCB-CONSENT-0000127535 Dated 15.12.2021

For: grant of Consent to Operate under Section 26 of the Water (Prevention & Control of Pollution) Act, 1974 & under Section 21 of the Air (Prevention & Control of Pollution) Act, 1981 and Authorization under Rule 6 of the Hazardous & Other Wastes (Management & Transboundary Movement) Rules 2016 is considered and the consent is hereby granted subject to the following terms and conditions and as detailed in the schedule I, II, III & IV annexed to this order:

1. The Renewal of consent to Operate is granted for period from 31.12.2021 to 31.12.2026
2. The capital investment of the project is Rs.51.15 Crs. (As per C.A Certificate submitted by industry Existing CI is 32.80 Rs. Crs + Expansion/Increase in C.I. 18.35 Rs. Crs)
3. Consent is valid for:

Sr No	Treatment Facility	Maximum Quantity	UOM
1	Common Effluent Treatment Plant - The daily quantity of industrial effluent to be treated shall not exceed	22.5	MLD

4. Conditions under Water (P&CP), 1974 Act for discharge of effluent:

Sr No	Description	Permitted (in CMD)	Standards to	Disposal Path
1.	Trade effluent	22500	As per Schedule-I	Into saline zone specified by National Institute of Oceanography through Closed Pipeline

Sr No	Description	Permitted	Standards to	Disposal
2.	Domestic effluent	5	As per Schedule-I	Into saline zone specified by National Institute of Oceanography through Closed Popeline

5. **Conditions under Air (P& CP) Act, 1981 for air emissions:**

Sr No.	Stack No.	Description of stack / source	Number of Stack	Standards to be achieved
1	S1	DG Set-750 kVA	01	As per Schedule -II

6. **Non-Hazardous Wastes:**

Sr No	Type of Waste	Quantity	UoM	Treatment	Disposal
NA					

7. **Conditions under Hazardous & Other Wastes (M & T M) Rules 2016 for treatment and disposal of hazardous waste:**

Sr No	Category No./ Type	Quantity	UoM	Treatment	Disposal
1	35.3 Chemical sludge from waste water treatment	29	MT/Day	Landfill after treatment	CHWTSDf

8. The Board reserves the right to review, amend, suspend, revoke this consent and the same shall be binding on the industry.
9. This consent should not be construed as exemption from obtaining necessary NOC/ permission from any other Government authorities.
10. Industry shall install online continuous monitoring system as per CPCB guidelines & data to be transmitted directly from Data Logger to Board server .
11. The CETP shall comply with the Board Circular issued vide No MPCB/JD/(WPC)/B:201113-FTS-0056 dtd 13.11.2020 for implementation of Colour as a parameter as per MoEF & CC GSR 325-E dtd 07.05.2014 & GSR No 978 dtd 10.10.2016
12. The CETP shall comply with the Directions issued by the Board vide No MPCB/JD(WPC)/Dir-B-210127-FTS-0179 dtd 27.01.2021
13. The applicant shall make an application for renewal of consent 60 days prior to date of expiry of the consent. (Operate/Renewal)



Ashok Shingare

39069ddf
ab981a01
18952be1
12371e3f
f2b7de8c
2a929b0e
5cbfbc48
d457a326

Signed by: Ashok Shingare
Member Secretary
For and on behalf of,
Maharashtra Pollution Control Board
ms@mpcb.gov.in
2022-07-30 12:23:48 IST

Received Consent fee of -

Sr.No	Amount(Rs.)	Transaction/DR.No.	Date	Transaction Type
1	500000.00	MPCB-DR-9379	21/12/2021	NEFT
2	50000.00	MPCB-DR-12757	24/06/2022	RTGS



Copy to:

1. Regional Officer, MPCB, Raigad and Sub-Regional Officer, MPCB, Raigad II
 - They are directed to ensure the compliance of the consent conditions.
 - They are directed to forfeit the bank guarantee of Rs. 10 Lakhs & obtain top up BG of Rs. 20 lakhs from the industry
2. Chief Accounts Officer, MPCB, Sion, Mumbai



SCHEDULE-I**Terms & conditions for compliance of Water Pollution Control:**

1. A) As per your application, you have provided Common Effluent Treatment Plant (CETP) with the design capacity of 22.5 MLD.
- B) The Consent is valid for collection, storage and treatment of Industrial and Domestic Effluent conforming to the inlet standards specified here under:-

Sr.No	Parameters	Limiting concentration not to exceed in mg/l, except for pH
(1)	pH	5.5 to 9.0
(2)	Temperature	45 C
(3)	Oil & Grease	20
(4)	Phenolic Compounds	5.0
(5)	Ammonical Nitrogen (as N)	50
(6)	Cyanide (as CN)	2.0
(7)	Hexavalent Chromium (as Cr+6)	2.0
(8)	Total Chromium (as Cr)	2.0
(9)	Copper (as Cu)	3.0
(10)	Lead (as Pb)	1.0
(11)	Nickel (as Ni)	3.0
(12)	Zinc (as Zn)	15
(13)	Arsenic (as As)	0.2
(14)	Mercury (as Hg)	0.01
(15)	Cadmium	1.0
(16)	Selenium (as Se)	0.05
(17)	Fluoride (as F)	15
(18)	Boron (as B)	2.0
(19)	Colour	150 Platinum Cobalt Unit

In case of SSI Unit, BOD of Maximum of 1000 mg/l and COD of maximum 2500 mg/l will be allowed to inlet of CETP. All other specific parameters including colour shall be complied before disposal to CETP. In case of other, primary and secondary treatment is required to meet consented standards before disposal to CETP.

Note:

- i) All Large & Medium Scale Units irrespective of the quantity of effluent will have to achieve the standards as prescribed in the letter of Consent issued to them individually under the Water (P & CP) Act 1974, Air (P & CP) Act 1981, Hazardous Waste (M&H) Amendment thereto before discharging the effluent into CETP
- C) Treatment and disposal for combined Industrial and Domestic effluent. Treatment: The CETP authority shall provide comprehensive treatment system consisting of primary / secondary and/or tertiary treatment as is warranted with reference to influent quality for strong stream and weak stream and operate and maintain the same continuously so as to achieve the quality of the treated effluent to the following standards:

Sr.No	Parameters	Standards (mg/l)
1	pH	6.0 to 9.0
2	BOD 3 Days 27 Deg.C	100
3	COD	250
4	Suspended Solids	100
5	Fixed Dissolved Solids	Not Specified
6	Temperature	Shall not exceed more than 50 C above ambient water temperature
7	Oil & Grease	10
8	Ammonical Nitrogen (as N)	50
9	T.K.N	50
10	Nitrate Nitrogen	50
11	Phosphate as P	Not Specified
12	Chlorides	Not Specified
13	Sulphate (as SO ₄)	Not Specified
14	Fluoride (as F)	15
15	Sulphide (as S)	5
16	Phenolic Compound (as C ₆ H ₅ OH)	5
17	Total Residue Chlorine	1
18	Zinc (as Zn)	15
19	Iron	3
20	Copper (as Cu)	3
21	Trivalent Chromium	2
22	Manganese	2
23	Nickel	3
24	Arsenic (as As)	0.2
25	Cyanide (as CN)	0.2
26	Vanadium	0.2
27	Lead (as Pb)	0.1
28	Hexavalent Chromium	0.1
29	Selenium (as Se)	0.05
30	Cadmium (as Cd)	0.05
31	Mercury (as Hg)	0.01
32	Pesticides	Absent
33	Bio Assay Test	90 % survival of fish after 96 hrs in 100 % effluent
34	Colour	150 Platinum Cobalt Unit

Sr.No	Parameters	Standards (mg/l)
-------	------------	------------------

Note:-

- i. All efforts should be made to remove colour and unpleasant odour as per as possible.
 - ii. If the CETP is not able to achieve the outlet parameters, then all the members and the said Society would be individually and jointly responsible and liable for legal actions under the provisions of sections 47 of the Water (Prevention & Control of Pollution) Act, 1974.
- D] Disposal: The treated effluent shall be connected to sewerage system (Closed Pipeline) and finally discharged into Marine coastal area, at a point designated by National Institute of Oceanography.
2. A] As per your consent application, you have provided septic tank for the Domestic effluent.
 - B] The Applicant shall operate the sewage treatment system to treat the sewage so as to achieve the following standards.

Sr.No	Parameters	Standards (mg/l)
1	Suspended Solids	Not to exceed 50
2	BOD 3 days 27°C	Not to exceed 30
3	COD	Not to exceed 100

- C] The treated sewage shall be connected to sewerage system (Closed Pipeline) and finally discharged into Marine coastal area, at a point designated by National Institute of Oceanography.
3. The Board reserves its rights to review plans, specifications or other data relating to plant setup for the treatment of waterworks for the purification thereof & the system for the disposal of sewage or trade effluent or in connection with the grant of any consent conditions. The Applicant shall obtain prior consent of the Board to take steps to establish the unit or establish any treatment and disposal system or an extension or addition thereto.
 4. The industry shall ensure replacement of pollution control system or its parts after expiry of its expected life as defined by manufacturer so as to ensure the compliance of standards and safety of the operation thereof.
 5. The Applicant shall comply with the provisions of the Water (Prevention & Control of Pollution) Act, 1974 and as amended, by installing water meters and other provisions as contained in the said act:

Sr. No.	Purpose for water consumed	Water consumption quantity (CMD)
1.	Industrial Cooling, spraying in mine pits or boiler feed	0.00
2.	Domestic purpose	7.00
3.	Processing whereby water gets polluted & pollutants are easily biodegradable	120.00
4.	Processing whereby water gets polluted & pollutants are not easily biodegradable and are toxic	0.00

Sr. No.	Purpose for water consumed	Water consumption quantity (CMD)
5.	Gardening	0

6. The Applicant shall provide Specific Water Pollution control system as per the conditions of EP Act, 1986 and rule made there under from time to time/ Environmental Clearance/ CREP guidelines.

SCHEDULE-II

Terms & conditions for compliance of Air Pollution Control:

1. As per your application, you have provided the Air pollution control (APC) system and erected following stack (s) to observe the following fuel pattern:

Stack No.	Source	APC System provided/proposed	Stack Height(in mtr)	Type of Fuel	Sulphur Content(in %)	Pollutant	Standard
S1	DG Set-750 kVA	Acoustic Enclosure	6.00	DIESEL 100 Ltr/Hr	1	SO2	48 Kg/Day

2. The Applicant shall provide Specific Air Pollution control equipments as per the conditions of EP Act, 1986 and rule made there under from time to time/ Environmental Clearance / CREP guidelines.
3. The Applicant shall obtain necessary prior permission for providing additional control equipment with necessary specifications and operation thereof or alteration or replacement/alteration well before its life come to an end or erection of new pollution control equipment.
4. The Board reserves its rights to vary all or any of the condition in the consent, if due to any technological improvement or otherwise such variation (including the change of any control equipment, other in whole or in part is necessary).

SCHEDULE-III

Details of Bank Guarantees:

Sr. No.	Consent (C2E/C2O/C2R)	Amt of BG Imposed	Submission Period	Purpose of BG	Compliance Period	Validity Date
1	C to R	Rs 20 Lakhs	15 Days	Operation and maintenance of CETP	Continuous	30.04.2027

BG Forfeiture History

Srno.	Consent (C2E/C2O/C2R)	Amount of BG imposed	Submission Period	Purpose of BG	Amount of BG Forfeiture	Reason of BG Forfeiture
1	C to R	Rs 10 Lakhs	15 Days	Operation and maintenance of CETP	Rs 10 Lakhs	Exceeding JVS Standards

BG Return details

Srno.	Consent (C2E/C2O/C2R)	BG imposed	Purpose of BG	Amount of BG Returned
NA				

SCHEDULE-IV
General Conditions:

1. The Energy source for lighting purpose shall preferably be LED based
2. The PP shall harvest rainwater from roof tops of the buildings and storm water drains to recharge the ground water and utilize the same for different industrial applications within the plant
3. Conditions for D.G. Set
 - a) Noise from the D.G. Set should be controlled by providing an acoustic enclosure or by treating the room acoustically.
 - b) Industry should provide acoustic enclosure for control of noise. The acoustic enclosure/ acoustic treatment of the room should be designed for minimum 25 dB (A) insertion loss or for meeting the ambient noise standards, whichever is on higher side. A suitable exhaust muffler with insertion loss of 25 dB (A) shall also be provided. The measurement of insertion loss will be done at different points at 0.5 meters from acoustic enclosure/room and then average.
 - c) Industry should make efforts to bring down noise level due to DG set, outside industrial premises, within ambient noise requirements by proper siting and control measures.
 - d) Installation of DG Set must be strictly in compliance with recommendations of DG Set manufacturer.
 - e) A proper routine and preventive maintenance procedure for DG set should be set and followed in consultation with the DG manufacturer which would help to prevent noise levels of DG set from deteriorating with use.
 - f) D.G. Set shall be operated only in case of power failure.
 - g) The applicant should not cause any nuisance in the surrounding area due to operation of D.G. Set.
 - h) The applicant shall comply with the notification of MoEFCC, India on Environment (Protection) second Amendment Rules vide GSR 371(E) dated 17.05.2002 and its amendments regarding noise limit for generator sets run with diesel.
4. The applicant shall maintain good housekeeping.
5. The non-hazardous solid waste arising in the factory premises, sweepings, etc. be disposed of scientifically so as not to cause any nuisance / pollution. The applicant shall take necessary permissions from civic authorities for disposal of solid waste.
6. The applicant shall not change or alter the quantity, quality, the rate of discharge, temperature or the mode of the effluent/emissions or hazardous wastes or control equipments provided for without previous written permission of the Board. The industry will not carry out any activity, for which this consent has not been granted/without prior consent of the Board.
7. The industry shall ensure that fugitive emissions from the activity are controlled so as to maintain clean and safe environment in and around the factory premises.
8. The industry shall submit quarterly statement in respect of industries obligation towards consent and pollution control compliance's duly supported with documentary evidences (format can be downloaded from MPCB official site).
9. The industry shall submit official e-mail address and any change will be duly informed to the MPCB.
10. The industry shall achieve the National Ambient Air Quality standards prescribed vide Government of India, Notification No. B-29016/20/90/PCI-L dated. 18.11.2009 as amended.

11. The Board reserves its rights to review plans, specifications or other data relating to plant setup for the treatment of waterworks for the purification thereof & the system for the disposal of sewage or trade effluent or in connection with the grant of any consent conditions. The Applicant shall obtain prior consent of the Board to take steps to establish the unit or establish any treatment and disposal system or an extension or addition thereto.
12. The industry shall ensure replacement of pollution control system or its parts after expiry of its expected life as defined by manufacturer so as to ensure the compliance of standards and safety of the operation thereof.
13. The PP shall provide personal protection equipment as per norms of Factory Act 1948
14. Industry should monitor effluent quality, stack emissions and ambient air quality monthly/quarterly.
15. Whenever due to any accident or other unforeseen act or even, such emissions occur or is apprehended to occur in excess of standards laid down, such information shall be forthwith Reported to Board, concerned Police Station, office of Directorate of Health Services, Department of Explosives, Inspectorate of Factories and Local Body. In case of failure of pollution control equipments, the production process connected to it shall be stopped.
16. The applicant shall provide an alternate electric power source sufficient to operate all pollution control facilities installed to maintain compliance with the terms and conditions of the consent. In the absence, the applicant shall stop, reduce or otherwise, control production to abide by terms and conditions of this consent.
17. The industry shall recycle/reprocess/reuse/recover Hazardous Waste as per the provision contain in the Hazardous and Other Wastes (M & TM) Rules 2016, which can be recycled /processed /reused /recovered and only waste which has to be incinerated shall go to incineration and waste which can be used for land filling and cannot be recycled/reprocessed etc. should go for that purpose, in order to reduce load on incineration and landfill site/environment.
18. An inspection book shall be opened and made available to the Board's officers during their visit to the applicant.
19. Industry shall strictly comply with the Water (P&CP) Act, 1974, Air (P&CP) Act, 1981 and Environmental Protection Act, 1986 and industry specific standard under EP Rules 1986 which are available on MPCB website (www.mpcb.gov.in).
20. Separate drainage system shall be provided for collection of trade and sewage effluents. Terminal manholes shall be provided at the end of the collection system with arrangement for measuring the flow. No effluent shall be admitted in the pipes/sewers downstream of the terminal manholes. No effluent shall find its way other than in designed and provided collection system.
21. Neither storm water nor discharge from other premises shall be allowed to mix with the effluents from the factory.
22. The industry should not cause any nuisance in surrounding area.
23. The industry shall take adequate measures for control of noise levels from its own sources within the premises so as to maintain ambient air quality standard in respect of noise to less than 75 dB (A) during day time and 70 dB (A) during night time. Day time is reckoned in between 6 a.m. and 10 p.m. and night time is reckoned between 10 p.m. and 6 a.m.
24. The industry shall create the Environmental Cell by appointing an Environmental Engineer, Chemist and Agriculture expert for looking after day to day activities related to Environment and irrigation field where treated effluent is used for irrigation.

25. The applicant shall provide ports in the chimney/(s) and facilities such as ladder, platform etc. for monitoring the air emissions and the same shall be open for inspection to/and for use of the Board's Staff. The chimney(s) vents attached to various sources of emission shall be designated by numbers such as S-1, S-2, etc. and these shall be painted/ displayed to facilitate identification.
26. The industry should comply with the Hazardous and Other Wastes (M & TM) Rules, 2016 and submit the Annual Returns as per Rule 6(5) & 20(2) of Hazardous and Other Wastes (M & TM) Rules, 2016 for the preceding year April to March in Form-IV by 30th June of every year.
27. The applicant shall install a separate meter showing the consumption of energy for operation of domestic and industrial effluent treatment plants and air pollution control system. A register showing consumption of chemicals used for treatment shall be maintained.
28. The applicant shall bring minimum 33% of the available open land under green coverage/ plantation. The applicant shall submit a yearly statement by 30th September every year on available open plot area, number of trees surviving as on 31st March of the year and number of trees planted by September end.
29. The Board reserves its rights to review plans, specifications or other data relating to plant setup for the treatment of waterworks for the purification thereof & the system for the disposal of sewage or trade effluent or in connection with the grant of any consent conditions.
30. The firm shall submit to this office, the 30th day of September every year, the Environment Statement Report for the financial year ending 31st March in the prescribed FORM-V as per the provisions of Rule 14 of the Environment (Protection) (second Amendment) Rules, 1992.
31. The Applicant shall obtain necessary prior permission for providing additional control equipment with necessary specifications and operation thereof or alteration or replacement/alteration well before its life come to an end or erection of new pollution control equipment.
32. The Board reserves its rights to vary all or any of the condition in the consent, if due to any technological improvement or otherwise such variation (including the change of any control equipment, other in whole or in part is necessary).
33. The applicant shall provide facility for collection of environmental samples and samples of trade and sewage effluents, air emissions and hazardous waste to the Board staff at the terminal or designated points and shall pay to the Board for the services rendered in this behalf.

This certificate is digitally & electronically signed.

Government of Maharashtra

SEAC-2010/ C.R. 379/TC-2
 Environment department
 Room No. 217, 2nd floor,
 Mantralaya Annexe,
 Mumbai- 400 032.
 Dated: 11th June, 2014

To,
 M/s. RIA CETP Co-op. Society Ltd.
 Plot No. 9/11, Roha MIDC, Dhatav,
 Tal-Roha, Dist. Raigad.
 Maharashtra 402109

Subject: Environment clearance for proposed expansion of CETP located at plot No.9/11, MIDC Roha, Distt. Raigad by M/s. RIA-CETP Co-Operative Society Limited.

Sir,

This has reference to your communication on the above mentioned subject. The proposal was considered as per the EIA Notification, 2006, by the State Level Expert Appraisal Committee-I, Maharashtra in its 73rd meeting and decided to recommend the project for prior environmental clearance to SEIAA. Information submitted by you has been considered by State Level Environment Impact Assessment Authority in its 70th Meeting.

2. It is noted that the proposal is for grant of Environment Clearance for proposed expansion of CETP located at plot No.9/11, MIDC Roha, Distt. Raigad. SEAC considered the project under screening category 7(h) B1 of EIA Notification 2006.

Brief Information of the project submitted by Project Proponent is as:

Name of Project	Capacity expansion of RIA Common Effluent Treatment Plant (CETP)	
Project Proponent	RIA CETP Co-op. Society Ltd., Plot No. 9/11, Roha MIDC, Dhatav, Tal-Roha, Dist. Raigad, Maharashtra 402109	
Consultant	Aditya Environmental Services Pvt. Ltd.	
Activity schedule in the EIA Notification	Category B - 7(h)	
Area Detail	Total plot area (sq. m.) : 47,540 sq.m Permissible BUA: 47,540 sq.m Existing BUA: 9,578.133 sq.m Proposed BUA : 465.62 sq.m • Total Built up area (Existing + Proposed in Sq. m.) : 10,043.753 sq.m	
Name of Industrial area	MIDC - Maharashtra Industrial Development Corporation, Roha	
TCR given by SEAC?	Yes. 53 rd State Level Expert Appraisal Committee (SEAC) meeting held on 10 th to 13 th April, 2012	
Estimated capital cost of the Project (including cost for land, building, plant)	Design/Drawing/Detailed Engg/EIA/Treatability studies	Rs. 75,00,000

and machinery separately)	etc					
	Civil works			Rs. 12,53,31,000		
	Mechanical works and piping/valves			Rs. 10,21,50,000		
	Electrical/instrumentation			Rs. 2,32,00,000		
	Pre commissioning and trial runs			Rs. 10,00,000		
	Total capital cost including consultant fees, pipeline laying civil and tank repairs, 2 mono belts, HT cable, relaying etc				Rs. 25,91,81,000	
Location details of the project	Location		Longitude			
	NW corner		18°26'01.01"N			
	NE corner		18°25'54.13"N			
	SE corner		18°25'50.68"N			
	SW corner		18°25'52.96"N			
	Location		Longitude			
	NW corner		73° 09'02.43"E			
	NE corner		73° 09'07.77"E			
	SE corner		73° 09'01.82"E			
	SW corner		73° 08'55.95"E			
	• Location: 9/11, MIDC, Roha located in village Dhatav, Tal. Pan, District Raigad. • Elevation above Mean Sea Level (meters): 60 m					
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas / inter-State boundaries		There is no Wildlife Sanctuary/National Park as also there are no critically Polluted areas as identified by CPCB in 10km radius of site.			
	Raw materials (including process chemicals, catalysts, & additives).	List of raw materials to be used	Physical and chemical nature of raw material	Quantity (tonnes/year) full production capacity	Source of material	Means of transportation (Source to storage site) with justification
		Industrial effluents discharged from member industries in MIDC Roha	Primary treated effluent from SSI units & treated effluent from MSI/LSI units	12.5 MLD proposed additional	NA	NA
Production details	Name of Products,	Existing (T/Year)	Proposed activity	Total (T/Year)		

	By products and Intermediate Products		(new/modernization / expansion) Total (T/Year)		
	Treated effluent	10 MLD	12.5 MLD	22.5 MLD	
Process details / manufacturing details	New Structures include: Flash mixer, Thickener feed sump, Aeration Tank, Secondary Clarifier, Sludge Collection Sump, Thickener, Treated Effluent Collection Tank, Emergency Clarifier, Chemical Storage Shed and Chemical Preparation Area, Belt Filter House. Proposed scheme of treatment is approved by NEERI.				
Total Water Requirement	Total water requirement: • Fresh water (CMD): 165 cmd & Source: MIDC • Process (CMD): 120 cmd • Domestic (CMD): 20 cmd • Others (CMD): Gardening: 25 cmd				
Effluent characteristics	Sr. No.	Parameters (pH, BOD, COD, heavy metal, etc)	Inlet effluent Characteristic	Outlet effluent Characteristic	Effluent discharge standards (CPCB /MPCB)
	1.	pH	7	pH	6.5 to 9.0
	2.	COD	2250	COD	250
	3.	BOD _{3d} 27°C	1000	BOD _{3d} 27°C	100
	4.	Total Suspended Solids	700	Total Suspended Solids	100
Disposal of the ETP sludge (If applicable)	ETP sludge will be disposed off to CHWTSDF, Talaja. RIACETP is Member of CHWTSDF, Talaja				
Disposal of the ETP sludge (If applicable)	Sludge generated at different stages of treatment will be thickened in a new sludge thickener and the thickened sludge will be dewatered through high efficiency low energy Monobelt filter press. Dewatered sludge will be sun dried in the existing sludge lagoons before sending the same to Mumbai Waste Management Limited Common Hazardous Waste Treatment Storage Disposal Facility at Talaja. Overflow from Sludge Thickener and Filtrate from Monobelt filter press will be returned back to the Receiving sump.				
Solid waste Management	Source	Qty (TPM)	Form (Sludge / Dry/ Slurry etc.)	Composition	
	ETP	25 MT/day	Sludge	Sludge from waste water treatment	

Ambient Air quality Data	Pollutants	Permissible Standard	Proposed Concentration (in microgram/m ³)	Remarks		
	PM2.5	60	28.7	Results are within the NAAQS Limits for Residential and Mixed use Areas		
	PM10	100	72.8			
	SO ₂	80	5.088			
	NO _x	80	9.11			
Details of fuel to be used	Fuel	Daily consumption (TPD/KLD)	Calorific value (Kcals/kg)	% Ash	% Sulphur	
	HSD	100 L/h max	9500 kCal/kg	--	1 %	
Energy	Power supply: Existing power requirement: 1,50,000 KWH Proposed power requirement: 75000 KWH DG sets: Number and capacity DG sets to be used (Existing and proposed): 2 nos. x 750 KVA					
Green belt development	Green belt area: 5000 sq.m Number and species of trees to be planted: 250 nos. of new trees + 1000 nos. of existing trees = 1250 nos.					
Details of pollution control system	Sr.No	Particular	Existing pollution control system	Proposed to be installed		
	1.	Air	NA	NA		
	2.	Water	CETP 10MLD	CETP 12.5 MLD		
	3.	Noise	NA			
	4.	Solid waste	Belt press filter (1 No)	Belt press filter (1 No)		
Environmental management plan budgetary allocation			Recurring cost per annum	Capital cost		
	Water pollution control		Rs 0.5 crore	Rs 24.77 crore		
	Environment monitoring and management		Rs 0.10 crore	Rs 0.10 crore		
	Green belt		Rs 0.05 crore	Rs 0.05 crore		
	solid waste management		Rs 0.10 crore	Rs 1 crore		
	Total		Rs. 0.75 crore	Rs. 25.92 crore		

3. The proposal has been considered by SEIAA in its 70th meeting & decided to accord environmental clearance to the said project under the provisions of Environment Impact Assessment Notification, 2006 subject to implementation of the following terms and conditions :

- (i) No additional land shall be used /acquired for any activity of the project without obtaining proper permission.
- (ii) For controlling fugitive natural dust, regular sprinkling of water & wind shields at appropriate distances in vulnerable areas of the plant shall be ensured.
- (iii) PP has to abide by the conditions stipulated by SEAC & SEIAA
- (iv) Necessary arrangement shall be made to adequate safety and ventilation arrangement
- (v) Proper Housekeeping programmes shall be implemented.
- (vi) In the event of the failure of any pollution control system adopted by the unit, the unit shall be immediately put out of operation and shall not be restarted until the desired efficiency has been achieved.
- (vii) A stack of adequate height based on DG set capacity shall be provided for control and dispersion of pollutant from DG set.(If applicable)
- (viii) A detailed scheme for rainwater harvesting shall be prepared and implemented to recharge ground water.
- (ix) Arrangement shall be made that effluent and storm water does not get mixed.
- (x) Periodic monitoring of ground water shall be undertaken and results analyzed to ascertain any change in the quality of water. Results shall be regularly submitted to the Maharashtra Pollution Control Board.
- (xi) Leq of Noise level shall be maintained as per standards. For people working in the high noise area, requisite personal protective equipment like earplugs etc. shall be provided.
- (xii) The overall noise levels in and around the plant are shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures, etc. on all sources of noise generation. The ambient noise levels shall confirm to the standards prescribed under Environment (Protection) Act, 1986 Rules, 1989.
- (xiii) Green belt shall be developed & maintained around the plant periphery. Green Belt Development shall be carried out considering CPCB guidelines including selection of plant species and in consultation with the local DFO/ Agriculture Dept.

- (xiv) Adequate safety measures shall be provided to limit the risk zone within the plant boundary, in case of an accident. Leak detection devices shall also be installed at strategic places for early detection and warning.
- (xv) Occupational health surveillance of the workers shall be done on a regular basis and record maintained as per Factories Act.
- (xvi) The company shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling.
- (xvii) The project authorities must strictly comply with the rules and regulations with regard to handling and disposal of hazardous wastes in accordance with the Hazardous Waste (Management and Handling) Rules, 2003 (amended). Authorization from the MPCB shall be obtained for collections/treatment/storage/disposal of hazardous wastes.
- (xviii) The company shall undertake following Waste Minimization Measures :
 - Metering of quantities of active ingredients to minimize waste.
 - Reuse of by- products from the process as raw materials or as raw material substitutes in other process.
 - Maximizing Recoveries.
 - Use of automated material transfer system to minimize spillage.
- (xix) Regular mock drills for the on-site emergency management plan shall be carried out. Implementation of changes / improvements required, if any, in the on-site management plan shall be ensured.
- (xx) A separate environment management cell with qualified staff shall be set up for implementation of the stipulated environmental safeguards.
- (xxi) Separate funds shall be allocated for implementation of environmental protection measures/EMP along with item-wise breaks-up. These cost shall be included as part of the project cost. The funds earmarked for the environment protection measures shall not be diverted for other purposes and year-wise expenditure should reported to the MPCB & this department.
- (xxii) The project management shall advertise at least in two local newspapers widely circulated in the region around the project, one of which shall be in the marathi language of the local concerned within seven days of issue of this letter, informing that the project has been accorded environmental clearance and copies of clearance letter are available with the Maharashtra Pollution Control Board and may also be seen at Website at <http://ec.maharashtra.gov.in>
- (xxiii) Project management should submit half yearly compliance reports in respect of the stipulated prior environment clearance terms and conditions in hard & soft copies to the MPCB & this department, on 1st June & 1st December of each calendar year.
- (xxiv) A copy of the clearance letter shall be sent by proponent to the concerned Municipal Corporation and the local NGO, if any, from whom suggestions/representations, if

any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.

- (xxv) The proponent shall upload the status of compliance of the stipulated EC conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely; SPM, RSPM, SO₂, NO_x (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.
 - (xxvi) Six monthly monitoring reports should be submitted to the Regional office MoEF, Bhopal with copy to this department and MPCB.
 - (xxvii) A complete set of all the documents submitted to Department should be forwarded to the Local authority and MPCB.
 - (xxviii) The environmental clearance is being issued without prejudice to the court case pending in the court of law and it does not mean that project proponent has not violated any environmental laws in the past and whatever decision of the Hon'ble court will be binding on the project proponent. Hence this clearance does not give immunity to the project proponent in the case filed against him.
4. The environmental clearance is being issued without prejudice to the action initiated under EP Act or any court case pending in the court of law and it does not mean that project proponent has not violated any environmental laws in the past and whatever decision under EP Act or of the Hon'ble court will be binding on the project proponent. Hence this clearance does not give immunity to the project proponent in the case filed against him, if any or action initiated under EP Act.
 5. The Environment department reserves the right to revoke the clearance if conditions stipulated are not implemented to the satisfaction of the department or for that matter, for any other administrative reason.
 6. **Validity of Environment Clearance:** The environmental clearance accorded shall be valid for a period of 5 years to start of production operations.
 7. In case of any deviation or alteration in the project proposed from those submitted to this department for clearance, a fresh reference should be made to the department to assess the adequacy of the condition(s) imposed and to incorporate additional environmental protection measures required, if any.
 8. The above stipulations would be enforced among others under the Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986 and rules there under, Hazardous Wastes (Management and Handling) Rules, 1989 and its amendments, the public Liability Insurance Act, 1991 and its amendments.

9. Any appeal against this environmental clearance shall lie with the National Green Tribunal, Van Vigyan Bhawan, Sec- 5, R.K. Puram, New Dehli - 110 022, if preferred, within 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010

Rajeev
(R.A. Rajeev)
Principal Secretary,
Environment department &
MS, SEIAA

Copy to:

1. Shri. R. C. Joshi, IAS (Retd.), Chairman, SEIAA, Flat No. 26, Belvedere, Bhulabhai Desai Road, Breach Candy, Mumbai- 400026.
2. Shri. Dr. S. Devotta, Chairman, SEAC, T2/302 Sky City, Vanagaram - Ambattur Road, Chennai - 600 095
3. Member Secretary, Maharashtra Pollution Control Board, with request to display a copy of the clearance.
4. The CCF, Regional Office, Ministry of Environment and Forest (Regional Office, Western Region, Kendriya Paryavaran Bhavan, Link Road No- 3, E-5, Ravi-Shankar Nagar, Bhopal- 462 016). (MP).
5. Regional Office, MPCB, Raigad.
6. MD, MIDC, Roha.
7. Collector, Raigad
8. IA- Division, Monitoring Cell, MoEF, Paryavaran Bhavan, CGO Complex, Lodhi Road, New Delhi-110003.
9. Director (TC-1), Dy. Secretary (TC-2), Scientist-1, Environment department.
10. Select file (TC-3).

(EC Uploaded on 12 June 2014)

रजिस्ट्री सं० डी० एल०-33004/99

REGD. NO. D. L.-33004/99



भारत का राजपत्र The Gazette of India

असाधारण

EXTRAORDINARY

भाग II—खण्ड 3—उप-खण्ड (ii)

PART II—Section 3—Sub-section (ii)

प्राधिकार से प्रकाशित

PUBLISHED BY AUTHORITY

सं. 2244]

नई दिल्ली, बृहस्पतिवार, सितम्बर 15, 2016/भाद्र 24, 1938

No. 2244]

NEW DELHI, THURSDAY, SEPTEMBER 15, 2016/BHADRA 24, 1938

पर्यावरण, वन और जलवायु परिवर्तन मंत्रालय

अधिसूचना

नई दिल्ली, 14 सितम्बर, 2016

का.आ. 2944(अ).— केन्द्रीय सरकार, पर्यावरण (संरक्षण) नियम, 1986 के नियम 5 के उप नियम (4) के साथ पठित पर्यावरण (संरक्षण) अधिनियम, 1986 (1986 का 29) की धारा 3 की उपधारा (1) और उपधारा (2) के खंड (5) द्वारा प्रदत्त शक्तियों का प्रयोग करते हुए, लोकहित में उक्त नियम के नियम 5 के उपनियम (3) के खंड (क) के अधीन सूचना की अपेक्षा से छूट प्रदान करने के पश्चात् तत्कालीन भारत सरकार, पर्यावरण और वन मंत्रालय की अधिसूचना संख्या 1533(अ), तारीख 14 सितंबर, 2006 में निम्नलिखित और संशोधन करती है, अर्थात्:-

उक्त अधिसूचना में, पर्यावरणीय अनापत्ति(ईसी) की विधिमान्यता से संबंधित पैरा 9 के स्थान पर निम्नलिखित पैरा रखा जाएगा, अर्थात्:-

"9. पर्यावरणीय अनापत्ति (ईसी) की विधिमान्यता:

(i) "पर्यावरणीय अनापत्ति की विधिमान्यता से वह अवधि अभिप्रेत है जिससे विनियामक प्राधिकरण द्वारा पूर्व पर्यावरणीय अनापत्ति मंजूर की जाती है या आवेदक द्वारा यह समझा जा सकेगा कि यह ऊपर पैरा 8 के उप पैरा (iii) के अधीन परियोजना या क्रियाकलाप द्वारा उत्पादन प्रचालन आरंभ करने या संनिर्माण परियोजना की दशा में (अनुसूची की मद 8) सभी संनिर्माण प्रचालन पूरा करने, जिसके लिए पूर्व पर्यावरण अनापत्ति के लिए आवेदन का निर्देश करता है, मंजूर की गई है। किसी परियोजना या क्रियाकलाप के लिए नदी घाटी परियोजनाओं (अनुसूची की मद 1(ग) की दशा में, दस वर्ष की अवधि के लिए, विशेषज्ञ आंकलन समिति या राज्य स्तरीय विशेषज्ञ आंकलन

समिति या जिला स्तरीय विशेषज्ञ आंकलन समिति द्वारा यथा प्राक्कलित परियोजना की अवधि खनन परियोजनाओं के लिए अधिकतम तीस वर्षों के लिए और सभी अन्य परियोजनाओं तथा क्रियाकलापों की दशा में सात वर्ष होगी।

(ii) क्षेत्र विकास परियोजनाओं और नगरों की दशा में (मद 8(ख) सात वर्ष की विधिमान्य अवधि केवल ऐसे क्रियाकलापों तक सीमित होगी जो विकासकर्ता के रूप में आवेदक का उत्तरदायित्व हो:

परंतु उपरोक्त पैरा (i) और पैरा (ii) के संबंध में विधिमान्यता की इस अवधि को संबंधित विनियामक प्राधिकरण द्वारा तीन वर्ष की अधिकतम अवधि तक बढ़ाया जा सकेगा, यदि कोई आवेदक द्वारा विनियामक प्राधिकरण को संनिर्माण परियोजनाओं या क्रियाकलापों के लिए (अनुसूची की मद 8) अद्यतन प्ररूप 1 और अनुपूरक प्ररूप 1क सहित विधिमान्य अवधि के भीतर आवेदन किया जाता है:

परंतु यह और कि विनियामक प्राधिकरण यथास्थिति, विशेषज्ञ आंकलन समिति या राज्य स्तरीय विशेषज्ञ आंकलन समिति या जिला स्तरीय विशेषज्ञ आंकलन समिति से, ऐसा विस्तार मंजूर करने के लिए परामर्श कर सकेगा।

(iii) जहां उपरोक्त उप पैरा (i) और उप पैरा (ii) के अधीन विस्तार के लिए आवेदन-

(क) पर्यावरणीय अनापत्ति की विधिमान्य अवधि के पश्चात् तीस दिन के भीतर फाइल किया गया है वहां ऐसे मामले संबंधित विशेषज्ञ आंकलन समिति या राज्य स्तरीय विशेषज्ञ आंकलन समिति या जिला स्तरीय विशेषज्ञ आंकलन समिति के निर्दिष्ट किए जाएंगे और उनकी सिफारिशों के आधार पर, विलंब, यथास्थिति, पर्यावरण, वन और जलवायु परिवर्तन मंत्रालय के संयुक्त सचिव या सदस्य सचिव, राज्य स्तरीय विशेषज्ञ आंकलन समिति या सदस्य सचिव, जिला स्तरीय विशेषज्ञ आंकलन समिति के स्तर पर माफ किया जा सकेगा ;

(ख) जब पर्यावरणीय अनापत्ति की विधिमान्य अवधि के पश्चात् तीस दिन से अधिक किंतु ऐसी विधिमान्य अवधि के पश्चात् नब्बे दिन से कम के भीतर फाइल किया गया है तब विशेषज्ञ आंकलन समिति या राज्य स्तरीय विशेषज्ञ आंकलन समिति या जिला स्तरीय विशेषज्ञ आंकलन समिति की सिफारिशों के आधार पर विलंब, यथास्थिति पर्यावरण वन और जलवायु परिवर्तन मंत्री या अध्यक्ष के अनुमोदन से माफ किया जा सकेगा:

परंतु विलंब के लिए कोई माफी पर्यावरणीय अनापत्ति की विधिमान्य अवधि के पश्चात् नब्बे दिन से परे फाइल किए गए विस्तार संबंधी किसी आवेदन के लिए मंजूर नहीं की जाएगी।"

[फा. सं. 22-27/2015-आईए- III]

मनोज कुमार सिंह, संयुक्त सचिव

पाद टिप्पण: मूल नियम भारत के राजपत्र असाधारण भाग II, खंड 3, उपखंड (ii) में अधिसूचना सं. का.आ. 1533(अ), तारीख 14 सितंबर, 2006 द्वारा प्रकाशित किए गए थे और उनमें का.आ. 1737(अ), तारीख 11 अक्टूबर, 2007, का.आ. 3067(अ), तारीख 1 दिसंबर, 2009, का.आ. 695(अ), तारीख 4 अप्रैल, 2011, का.आ. 2896(अ), तारीख 13 दिसंबर, 2012, का.आ. 674(अ), तारीख 13 मार्च, 2013, का.आ. 2204(अ), तारीख 19 जुलाई, 2013, का.आ., 2555(अ), तारीख 21 अगस्त, 2013, का.आ. 2559(अ), तारीख 22 अगस्त, 2013, का.आ., 2731(अ), तारीख 9 सितंबर, 2013, का.आ., 562(अ), तारीख 26 फरवरी, 2014, का.आ. 637(अ), तारीख 28 फरवरी, 2014, का.आ. 1559(अ), तारीख 25 जून, 2014, का.आ. 2601(अ), तारीख 7 अक्टूबर, 2014, का.आ. 2600(अ), तारीख 9 अक्टूबर, 2014, का.आ. 3252(अ),

तारीख 22 दिसंबर, 2014, का.आ. 382(अ), तारीख 3 फरवरी, 2015, का.आ. 811(अ), तारीख 23 मार्च, 2015, का.आ. 996(अ), तारीख 10 अप्रैल, 2015, का.आ. 1142(अ), तारीख 17 अप्रैल, 2015, का.आ. 1141(अ), तारीख 29 अप्रैल, 2015, का.आ. 1834(अ), तारीख 6 जुलाई, 2015, का.आ. 2571(अ), तारीख 31 अगस्त, 2015, का.आ. 2572(अ), तारीख 14 सितंबर, 2015, का.आ. 141(अ), तारीख 15 जनवरी, 2016 और का.आ. 648(अ), तारीख 3 मार्च, 2016 द्वारा संशोधित किए गए थे।

MINISTRY OF ENVIRONMENT, FOREST AND CLIMATE CHANGE

NOTIFICATION

New Delhi, the 14th September, 2016

S.O. 2944(E).— In exercise of the powers conferred by sub-section (1) and clause (v) of sub-section (2) of section 3 of the Environment(Protection) Act, 1986 (29 of 1986) read with sub-rule(4) of rule 5 of the Environment(Protection) Rules, 1986, the Central Government, after having dispensed with the requirement of notice under clause(a) of sub-rule(3) of rule 5 of the said rule, in public interest, hereby makes the following further amendments in the notification of the Government of India, in the erstwhile Ministry of Environment and Forests number S.O.1533(E), dated the 14th September, 2006 namely:-

In the said notification, for paragraph, 9 relating to Validity to Environment Clearance (EC), the following paragraph shall be substituted, namely:-

“9.Validity of Environmental Clearance (EC):

(i) The “Validity of Environmental Clearance” is meant the period from which a prior environmental clearance is granted by the regulatory authority, or may be presumed by the applicant to have been granted under sub-paragraph (iii) of paragraph 8, to the start of production operations by the project or activity, or completion of all construction operations in case of construction projects (item 8 of the Schedule), to which the application for prior environmental clearance refers. The prior environmental clearance granted for a project or activity shall be valid for a period of ten years in the case of River Valley projects [item 1(c) of the Schedule], project life as estimated by the Expert Appraisal Committee or State Level Expert Appraisal Committee or District Level Expert Appraisal Committee subject to a maximum of thirty years for mining projects and seven years in the case of all other projects and activities.

(ii) In the case of Area Development projects and Townships [item 8(b)], the validity period of seven years shall be limited only to such activities as may be the responsibility of the applicant as a developer:

Provided that this period of validity with respect to sub-paragraphs (i) and (ii) above may be extended by the regulatory authority concerned by a maximum period of three years if an application is made to the regulatory authority by the applicant within the validity period, together with an updated Form I, and Supplementary Form IA, for Construction projects or activities (item 8 of the Schedule):

Provided further that the regulatory authority may also consult the Expert Appraisal Committee or State Level Expert Appraisal Committee or District Level Expert Appraisal Committee, as the case may be, for grant of such extension.

(iii) Where the application for extension under sub-paragraphs (i) and (ii) above has been filed-

(a) within thirty days after the validity period of Environmental Clearance, such cases shall be referred to concerned Expert Appraisal Committee or State Level Expert Appraisal Committee or District Level Expert Appraisal Committee and based on their recommendations, the delay shall be condoned at the level of the Joint Secretary in the Ministry of Environment, Forest and Climate Change or Member Secretary, State Level Expert Appraisal Committee or Member Secretary, District Level Expert Appraisal Committee, as the case may be;

- (b) more than thirty days after the validity period of Environmental Clearance but less than ninety days after such validity period, then, based on the recommendations of the Expert Appraisal Committee or State Level Expert Appraisal Committee or District Level Expert Appraisal Committee, the delay shall be condoned with the approval of the Minister in charge of Environment, Forest and Climate Change or Chairman, as the case may be :

Provided that no condonation for delay shall be granted for any application for extension filed beyond ninety days after the validity period of Environmental Clearance.”

[F. No. 22-27/2015-IA-III]
MANOJ KUMAR SINGH, Jt Secy.

Note: The principal rules were published in the Gazette of India, Extraordinary, Part II, Section 3, Sub-section(ii) vide notification number S.O. 1533(E), dated the 14th September, 2006 and amended vide S.O.1737(E) dated the 11th October, 2007, S.O. 3067(E) dated the 1st December, 2009, S.O.695(E) dated the 4th April, 2011, S.O.2896(E) dated the 13th December, 2012, S.O.674(E) dated the 13th March, 2013, S.O.2204(E) dated the 19th July, 2013, S.O.2555(E) dated the 21st August, 2013, S.O.2559(E) dated the 22nd August, 2013, S.O. 2731(E) dated the 9th September, 2013, S.O. 562(E) dated the 26th February, 2014, S.O.637(E) dated the 28th February, 2014, S.O.1599(E) dated the 25th June, 2014, S.O. 2601 (E) dated 7th October, 2014, S.O. 2600 (E) dated 9th October, 2014, S.O. 3252(E) dated 22nd December, 2014, S.O. 382 (E) dated 3rd February, 2015, S.O. 811(E) dated 23rd March, 2015, S.O. 996 (E) dated 10th April, 2015, S.O. 1142 (E) dated 17th April, 2015, S.O. 1141 (E) dated 29th April, 2015, S.O.1834 (E) dated the 6th July, 2015, S.O.2571 (E) dated the 31st August, 2015, S.O.2572 (E) dated the 14th September, 2015, S.O.141 (E) dated the 15th January, 2016 and S.O.648 (E) dated the 3rd March, 2016.



भारत का राजपत्र The Gazette of India

सी.जी.-डी.एल.-अ.-13042022-235092
CG-DL-E-13042022-235092

असाधारण
EXTRAORDINARY

भाग II—खण्ड 3—उप-खण्ड (ii)
PART II—Section 3—Sub-section (ii)

प्राधिकार से प्रकाशित
PUBLISHED BY AUTHORITY

सं. 1720]
No. 1720]

नई दिल्ली, मंगलवार, अप्रैल 12, 2022/चैत्र 22, 1944
NEW DELHI, TUESDAY, APRIL 12, 2022/CHAITRA 22, 1944

पर्यावरण, वन और जलवायु परिवर्तन मंत्रालय

अधिसूचना

नई दिल्ली 12 अप्रैल, 2022

का.आ. 1807(अ).—केन्द्रीय सरकार, पर्यावरण (संरक्षण) अधिनियम, 1986 की धारा (3) की उपधारा 2 के खंड (v) और उपधारा (1) के अधीन प्रदत्त शक्तियों का प्रयोग करते हुए, तत्कालीन पर्यावरण एवं वन मंत्रालय में, परियोजनाओं के कतिपय प्रवर्गों के लिए पूर्व पर्यावरण अनापत्ति आज्ञापक बनाते हुए, संख्यांक का.आ. 1553(अ), तारीख 14 सितंबर, 2006 द्वारा पर्यावरण समाघात निर्धारण अधिसूचना, 2006 (जिसे इसमें इसके पश्चात उक्त अधिसूचना कहा गया है) प्रकाशित किया है;

और, पूर्व अनुभवों के आधार पर, यह उल्लेखनीय है कि नाभिकीय शक्ति परियोजनाओं और जल शक्ति परियोजनाओं को पूरा होने की अवधि विभिन्न मुद्दों जैसे भौगोलिक आश्चर्य, वन मंजूरी में देरी, भूमि अर्जन, स्थानीय मुद्दों, पुनर्वास और पुनःव्यवस्थापन आदि के कारण परियोजना पूरी होने में अधिक समय लगता है, जो प्रायः परियोजना प्रस्तावक के नियंत्रण से बाहर होता है और इस संदर्भ में, केन्द्रीय सरकार को ऐसी परियोजनाओं के लिए पर्यावरण मंजूरी (ईसी) की वैधता बढ़ाना आवश्यक हो जाता है;

और, अन्य परियोजनाएं भी, ऐसी परियोजनाओं के कार्यान्वयन से संबंधित पर्यावरणीय मुद्दों सहित स्थानीय मामलों को संबोधित करने के लिए लगे समय पर विचार करने के लिए, केन्द्रीय सरकार यदि वह आवश्यक समझे ऐसे पर्यावरणीय मंजूरी की वैधता की सीमा को बढ़ा सकती है

और, खान और खनिज (विकास और विनियमन) अधिनियम, 1957 (1957 का 67) के उपबंधों के अनुसार, खान और खनिज (विकास और विनियमन) संशोधन अधिनियम 2015, के प्रारंभ की तारीख से ही, सभी खनिज पट्टे पचास वर्षों की अवधि के लिए दिए जा रहे हैं, और तदनुसार, केन्द्रीय सरकार खनन के पर्यावरण मंजूरी की वैधता को, संरेखित करना

आवश्यक समझती है जो वर्तमान में उपयुक्त पर्यावरणी सुरक्षा और पुनर्विलोकन के अधीन अधिकतम तीस वर्षों की अवधि तक अनुज्ञेय है।

अतः अब, केन्द्रीय सरकार, पर्यावरण (सुरक्षा) नियम, 1986 को नियम 5 के उपनियम (4) के साथ पठित पर्यावरण (सुरक्षा) अधिनियम, 1986 (1986 का 29) की धारा 3 की उपधारा (2) के खंड (v) और उपधारा (1) द्वारा प्रदत्त शक्तियों का प्रयोग करते हुए, लोकहित में उक्त नियमों के नियम 5 के उपनियम (3) के खंड (क) के अधीन सूचना की अपेक्षा की अभिमुक्ति के पश्चात् भारत सरकार के तत्कालीन पर्यावरण और वन मंत्रालय की अधिसूचना का और संशोधन संख्यांक का.आ. 1533(अ), तारीख 14 सितंबर, 2006 द्वारा करती है, अर्थात् :-

(i) पैरा 9 में,

(क) उपपैरा (i) और (ii) के स्थान पर निम्नलिखित उपपैरा रखा जाएगा, अर्थात् :-

(i) "पर्यावरणीय मंजूरी की वैधता" से वह अवधि अभिप्रेत है, जिसमें पूर्व पर्यावरणीय मंजूरी विनियामक प्राधिकारी द्वारा स्वीकृत है, या आवेदक द्वारा पैरा 8 के उपपैरा (iii) के अधीन स्वीकृत किया गया माना जा सकता है, की शुरुवात परियोजना या गतिविधियों द्वारा उत्पादन प्रचालन ; या अनुसूची के मद 8 से संबंधित निर्माण परियोजनाओं के मामले में सभी निर्माण प्रचालनों को पूरा करना है, जिसमें पूर्व पर्यावरणीय मंजूरी के लिए आवेदन संदर्भित है :

परंतु खनन परियोजनाओं या गतिविधियों के मामलों में वैधता खनन पट्टे के निष्पादन की तारीख से दिए जाएंगे।

(ii) किसी विद्यमान या नई परियोजना या क्रियाकलाप के लिए दी गई पूर्व पर्यावरणीय मंजूरी उस अवधि के लिए वैध होगी, जो-

(क) नदी घाटी परियोजनाओं या क्रियाकलापों के मामले में तेरह वर्ष [अनुसूची का मद 1(ग)]; (ख) परमाणु ऊर्जा परियोजनाओं या क्रियाकलापों और परमाणु ईंधन के प्रसंस्करण के मामले में पंद्रह वर्ष [अनुसूची का मद 1(ड)];

(ग) खंड (क) और (ख) में निर्दिष्ट खनन परियोजनाओं और नदी घाटी परियोजनाओं और परमाणु ऊर्जा परियोजनाओं के सिवाए अन्य सभी परियोजनाओं और क्रियाकलापों के मामले में दस वर्ष।

(iii) क्षेत्र विकास परियोजनाओं और टाउनशिप [मद 8(ख)] के मामले में, दस वर्ष की वैधता अवधि केवल ऐसी क्रियाकलापों तक सीमित होगी जो विकासकर्ता के रूप में आवेदक का उत्तरदायित्व हो सकता है:

परंतु यह कि इस उप-पैरा और उप-पैरा (ii) में सूचीबद्ध परियोजनाओं और क्रियाकलापों के संबंध में पर्यावरण मंजूरी की वैधता की अवधि को नदी घाटी परियोजनाओं के मामले में, संबंधित विनियामक प्राधिकरण द्वारा वैध पर्यावरण मंजूरी के संबंध में अधिकतम दो वर्ष की अवधि द्वारा, परमाणु ऊर्जा परियोजनाओं और परमाणु ईंधन के प्रसंस्करण के मामले में पांच वर्ष और अन्य सभी परियोजनाओं के मामले में एक वर्ष के लिए बढ़ाया जा सकता है, यदि आवेदन विद्यमान पर्यावरण मंजूरी की वैधता अवधि के भीतर आवेदक द्वारा विनियामक प्राधिकरण के लिए अधिकथित प्रोफार्मा में किया जाता है:

परंतु यह और कि विनियामक प्राधिकरण ऐसे विस्तार के अनुदान से पहले संबंधित विशेषज्ञ मूल्यांकन समिति से भी परामर्श कर सकता है।

(iv) खनन परियोजनाओं के लिए दी गई पूर्व पर्यावरण मंजूरी, समय-समय पर, अधिकतम तीस वर्ष, जो भी पहले हो, के अधीन, सक्षम प्राधिकारी द्वारा अनुमोदित और नवीनीकृत खनन योजना में निर्धारित परियोजना जीवन के लिए मान्य होगी:

परंतु इस उप-पैरा में सम्मिलित परियोजनाओं या क्रियाकलापों के संबंध में पर्यावरण मंजूरी की वैधता की अवधि को अगले बीस वर्षों के लिए, तीस वर्षों से आगे बढ़ाया जा सकता है, इस शर्त के अधीन कि विद्यमान पर्यावरण मंजूरी में अधिकथित विद्यमान पर्यावरण सुरक्षा उपायों की पर्याप्तता की जांच, तीस वर्ष की पर्यावरणीय मंजूरी की अधिकतम वैधता अवधि के भीतर परियोजना प्रस्तावक से अधिकथित प्रोफार्मा में ऐसे आवेदन की प्राप्ति पर संबंधित विशेषज्ञ मूल्यांकन

समिति द्वारा हर पांच वर्ष बाद और तत्पश्चात विस्तारित पर्यावरण मंजूरी, जैसा आवश्यक समझा जाए, परियोजना प्रस्तावक से अधिकथित प्रोफार्मा में ऐसे आवेदन की वैधता अवधि के भीतर प्राप्त होने पर पर्यावरण प्रबंधन योजना में ऐसे अतिरिक्त पर्यावरण सुरक्षा उपायों को शामिल करने के लिए हर पांच वर्ष में, खनन पट्टे की वैधता या खनन जीवन की समाप्ति या पचास वर्ष, जो भी पहले हो, तक की जाएगी।";

(ख) "(iii) जहां उप-पैरा (i) और (ii) के अधीन विस्तार के लिए आवेदन फाइल किया गया है" कोष्ठक, अंक और शब्दों के लिए, निम्नलिखित रखा जाएगा, अर्थात्: -

"(v) जहां उप-पैरा (ii), (iii) और (iv) के अधीन विस्तार के लिए आवेदन अधिकथित प्रोफार्मा में फाइल किया गया है।"

[फा. सं. आईए 3-22/10/2022-आईए. III]

तन्मय कुमार, अपर सचिव,

टिप्पण: मूल अधिसूचना भारत के राजपत्र, असाधारण, भाग II खंड 3, उप-खंड (ii), संख्या का.आ. 1533(अ), तारीख 14 सितंबर, 2006 में प्रकाशित की गई थी और अधिसूचना संख्या का.आ. 2859(अ), तारीख 16 जुलाई, 2021 के अधीन अंतिम बार संशोधित किया गया था।

MINISTRY OF ENVIRONMENT, FOREST AND CLIMATE CHANGE

NOTIFICATION

New Delhi, the 12th April, 2022

S.O. 1807(E).—WHEREAS, the Central Government in the erstwhile Ministry of Environment and Forests, in exercise of its powers under sub-section (1) and clause (v) of sub-section (2) of section (3) of the Environment (Protection) Act, 1986 has published the Environment Impact Assessment Notification, 2006 (hereinafter referred to as the said notification), vide number S.O.1533 (E), dated the 14th September, 2006 for mandating prior environmental clearance for certain category of projects;

And whereas, based on the past experiences, it is noted that Nuclear Power Projects and Hydro Power Projects have high gestation period due to various issues such as geological surprises, delay in Forest Clearance, land acquisition, local issues, rehabilitation and resettlement, etc., which are often beyond the control of project proponent and in this context, the Central Government deems it necessary to extend the validity of Environmental Clearance (EC) for such projects;

And whereas, for other projects also, considering the time taken for addressing local concerns including environmental issues related to the implementation of such projects, the Central Government deems it necessary to extend the validity of such ECs;

And whereas, as per the provisions of Mines and Minerals (Development and Regulation) Act, 1957 (67 of 1957), on and from the date of commencement of the Mines and Minerals (Development and Regulation) Amendment Act, 2015, all mining leases are being granted for a period of fifty years, and accordingly, the Central Government deems it necessary to align the validity of mining ECs which is currently permissible up to a maximum duration of thirty years, subject to review and appropriate environmental safeguards;

Now therefore, in exercise of the powers conferred by sub-section (1) and clause (v) of sub-section (2) of section 3 of the Environment (Protection) Act, 1986 (29 of 1986), read with sub-rule (4) of rule 5 of the Environment (Protection) Rules, 1986, the Central Government, after having dispensed with the requirement of notice under clause (a) of sub-rule (3) of rule 5 of the said rules in public interest, hereby makes the following further amendments in the notification of the Government of India, in the erstwhile Ministry of Environment and Forests, number S.O. 1533 (E), dated the 14th September, 2006, namely:-

In the said notification,-

(i) in paragraph 9,-

(a) for sub paragraphs (i) and (ii), the following sub-paragraphs shall be substituted, namely:-

(i) *The "Validity of Environmental Clearance" is meant the period from which a prior Environmental Clearance is granted by the regulatory authority, or may be presumed by the applicant to have been granted under sub-paragraph (iii) of paragraph 8, to the start of production operations by the project or activity; or completion of all construction*

operations in case of construction projects relating to item 8 of the Schedule, to which the application for prior environmental clearance refers:

Provided that in the case of mining projects or activities, the validity shall be counted from the date of execution of the mining lease.

(ii) The prior environmental clearance granted for an existing or new project or activity shall be valid for a period of:-

(a) thirteen years in the case of River Valley projects or activities [item 1(c) of the Schedule];

(b) fifteen years in the case of Nuclear power projects or activities and processing of nuclear fuel [item 1(e) of the Schedule];

(c) ten years in the case of all other projects and activities other than the Mining projects and River Valley Projects and Nuclear power projects referred to in clauses (a) and (b).

(iii) In the case of Area Development projects and Townships [item 8(b)], the validity period of ten years shall be limited only to such activities as may be the responsibility of the applicant as a developer:

Provided that the period of validity of Environmental Clearance with respect to the Projects and Activities listed in this sub-paragraph and sub-paragraphs (ii) may be extended in respect of valid Environmental Clearance, by the regulatory authority concerned by a maximum period of two years in the case of River Valley projects, five years in the case of Nuclear power projects and processing of nuclear fuel and one year in the case of all other projects, if an application is made in the laid down proforma to the regulatory authority by the applicant within the validity period of the existing Environment Clearance:

Provided further that the regulatory authority may also consult the concerned Expert Appraisal Committee before grant of such extension.

(iv) The prior Environmental Clearance granted for mining projects shall be valid for the project life as laid down in the mining plan approved and renewed by competent authority, from time to time, subject to a maximum of thirty years, whichever is earlier:

Provided that the period of validity of Environmental Clearance with respect to projects or activities included in this sub-paragraph may be extended by another twenty years, beyond thirty years, subject to the condition that the adequacy of the existing environmental safeguards laid down in the existing Environmental Clearance shall be examined by concerned Expert Appraisal Committee every five years beyond thirty years, on receipt of such application in the laid down proforma from the Project Proponent within the maximum validity period of Environmental Clearance of thirty years, and subsequently on receipt of such application in the laid down proforma from the Project Proponent within the validity period of the extended Environment Clearance, every five years for incorporating such additional environment safeguards in the Environmental Management Plan, as may be deemed necessary, till the validity of the mining lease or end of life of mine or fifty years, whichever is earlier.”;

(b) for the brackets, figures and words “(iii) Where the application for extension under sub-paragraphs (i) and (ii) has been filed”, the following shall be substituted, namely:-

“(v) Where the application for extension under sub-paragraphs (ii), (iii) and (iv) has been filed in the laid down proforma”.

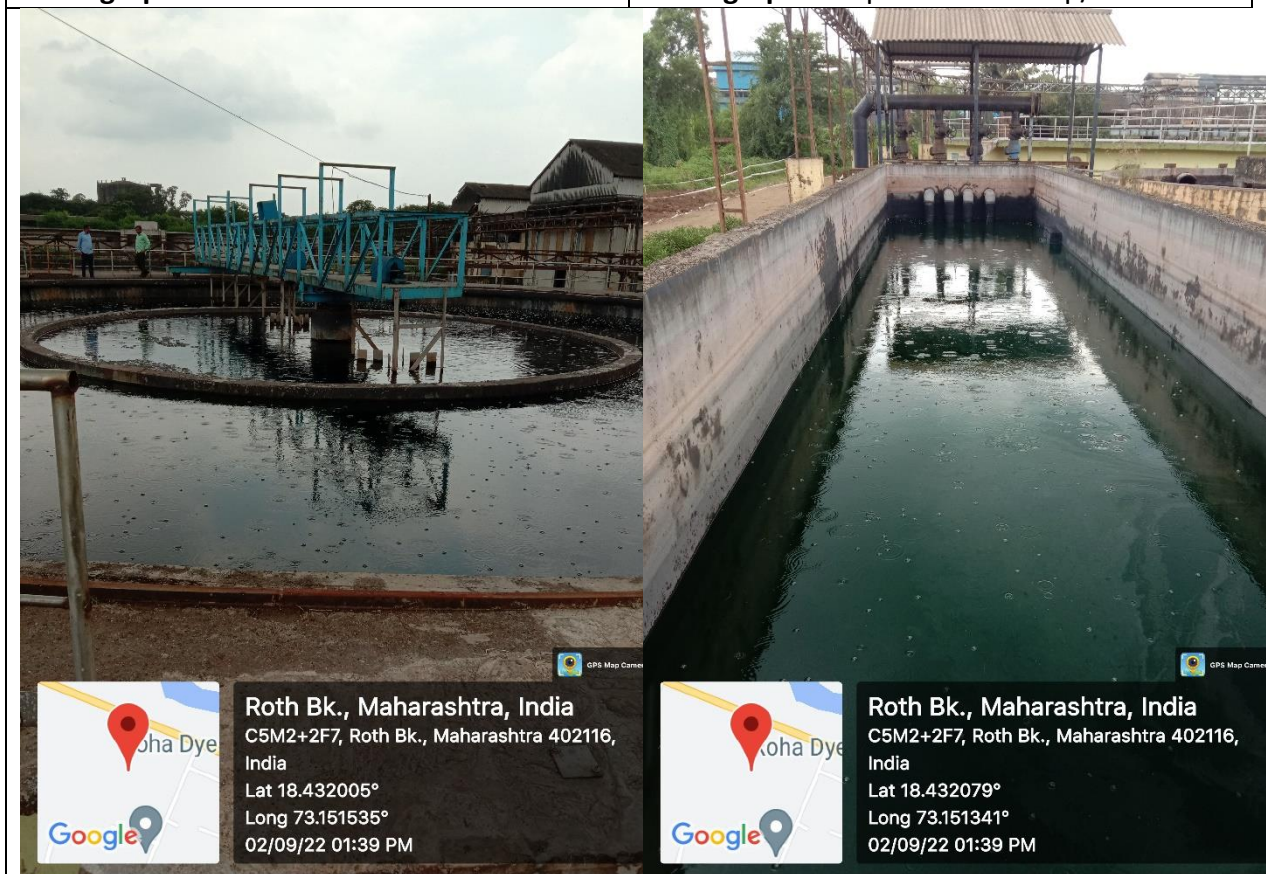
[F. No. IA3-22/10/2022-IA.III]

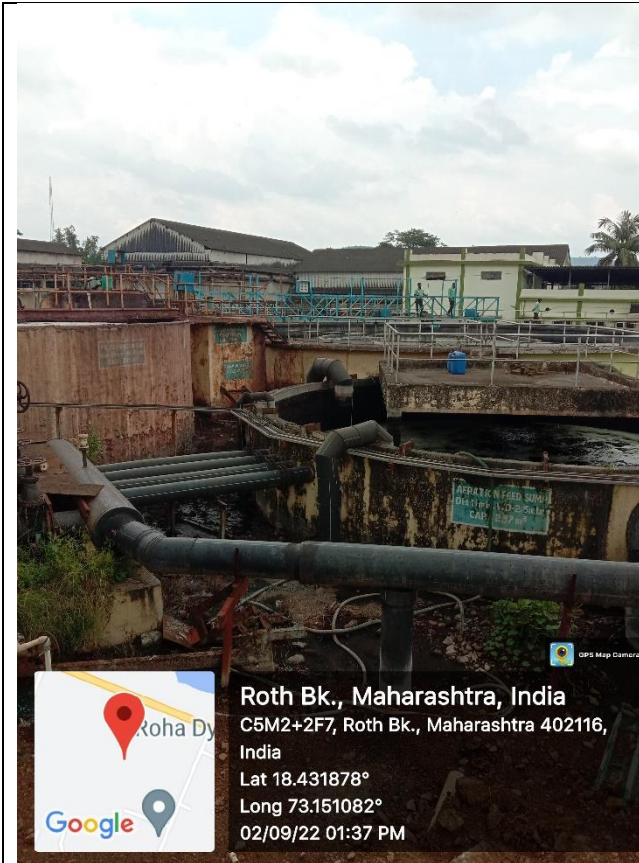
TANMAY KUMAR, Add. Secy.

Note:- The principal notification was published in the Gazette of India, Extraordinary, Part II, section 3, sub-section (ii), vide, number S.O. 1533(E), dated the 14th September, 2006 and was last amended, vide the notification number S.O. 2859(E), dated the 16th July, 2021.

ANNEXURE-VI

PHOTOGRAPHS TAKEN DURING JOINT COMMITTEE VISIT ON 02.09.2022

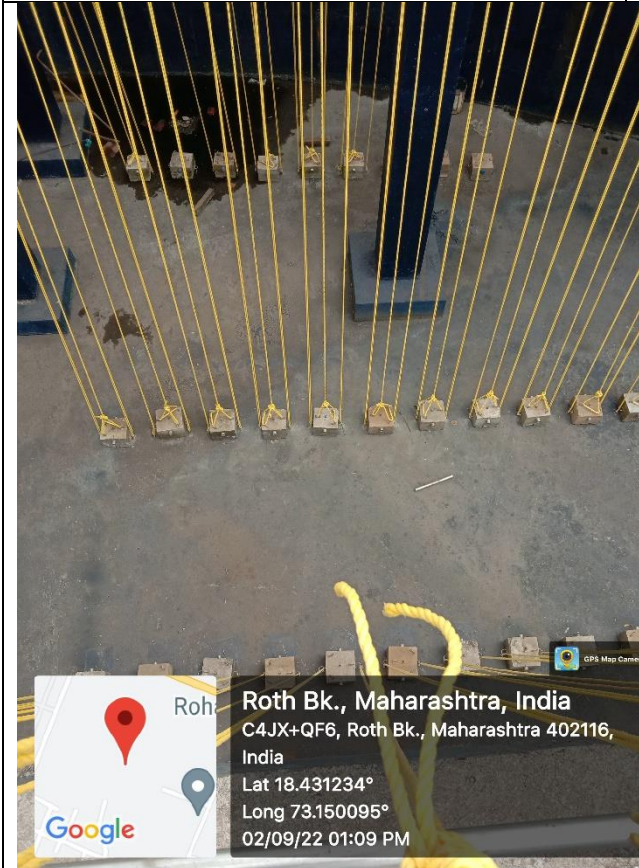




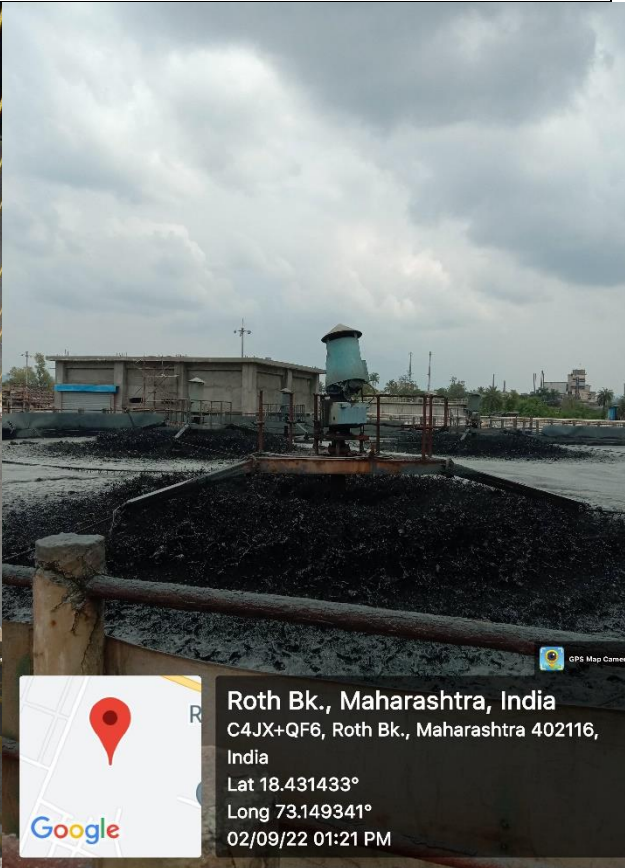
Photograph.5: Aeration feed sump



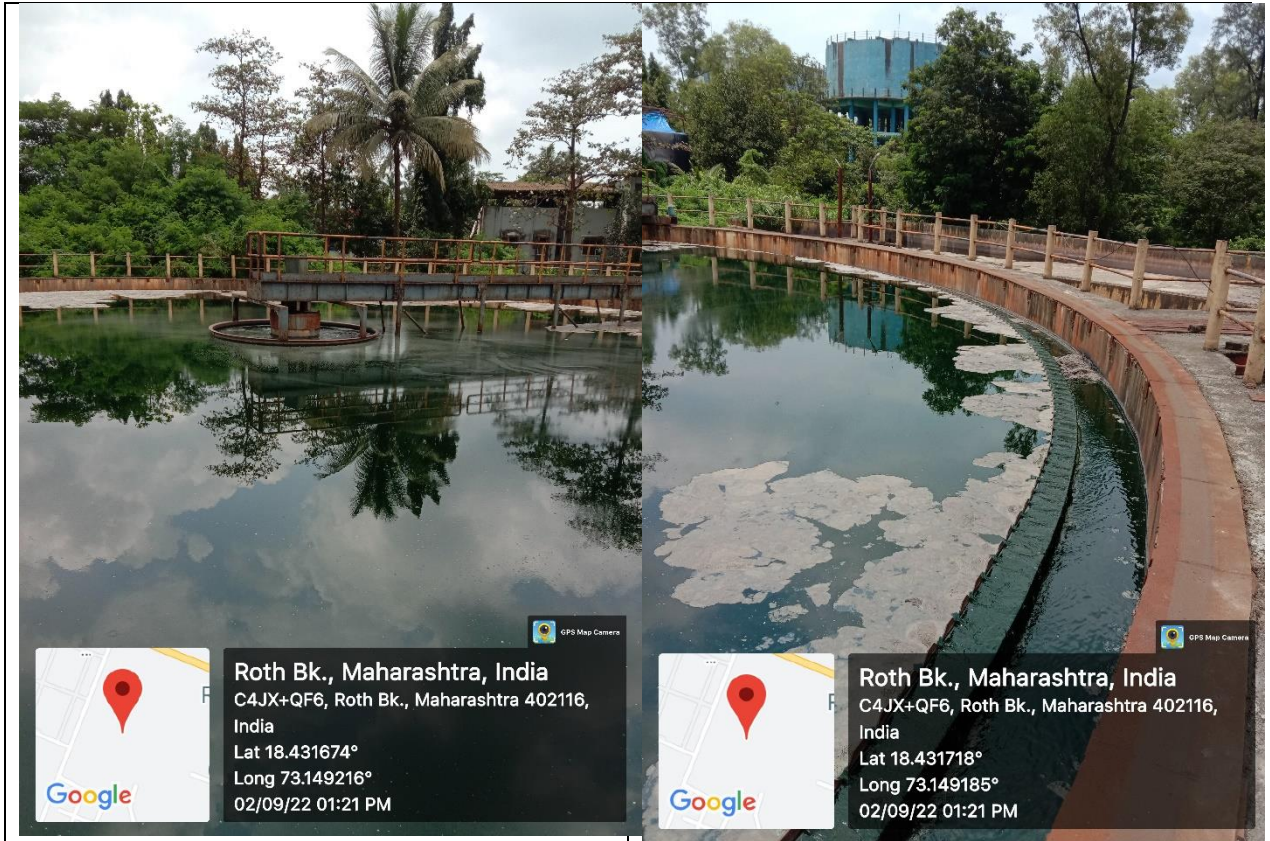
Photograph.6:



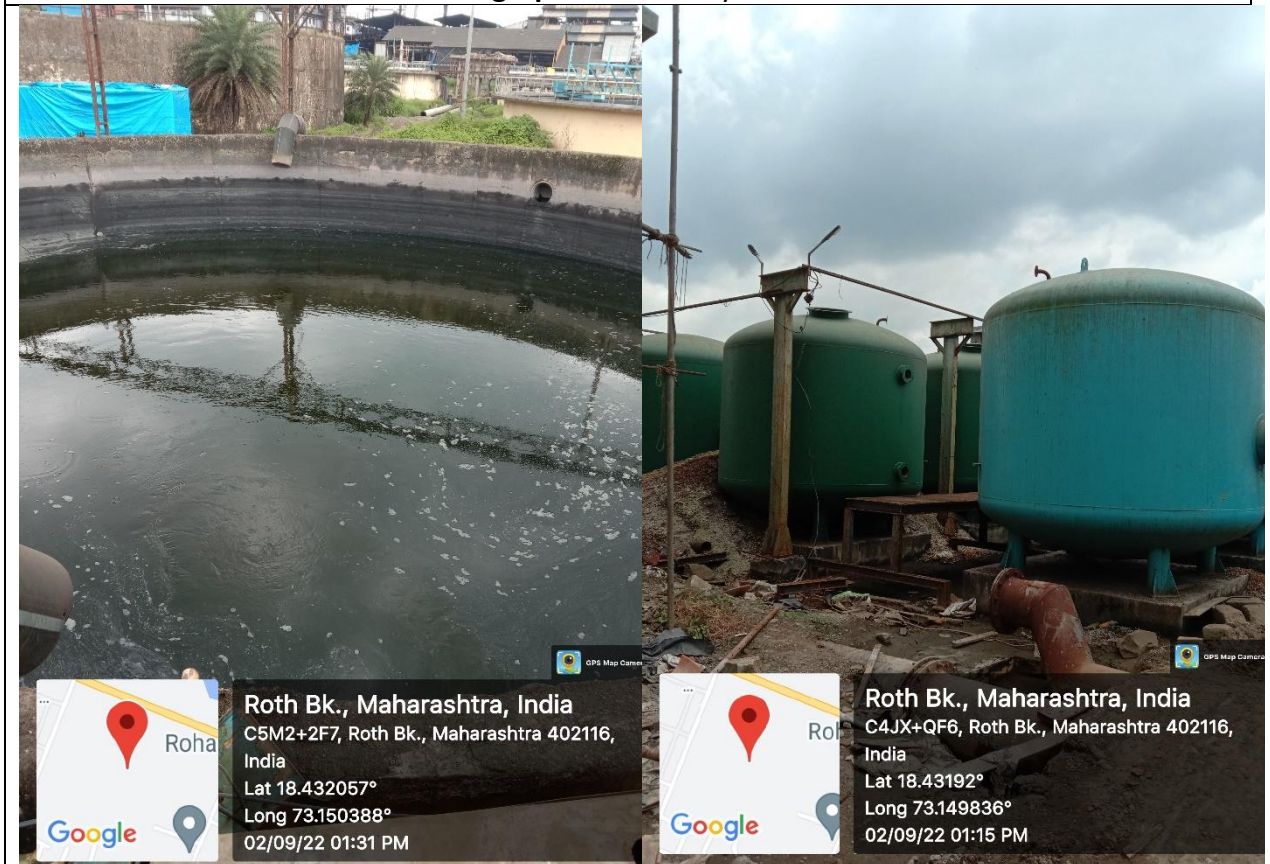
Photograph.7: Installation of air diffusers in Aeration Tank – 1 & 2



Photograph.8: Aeration Tank-3.

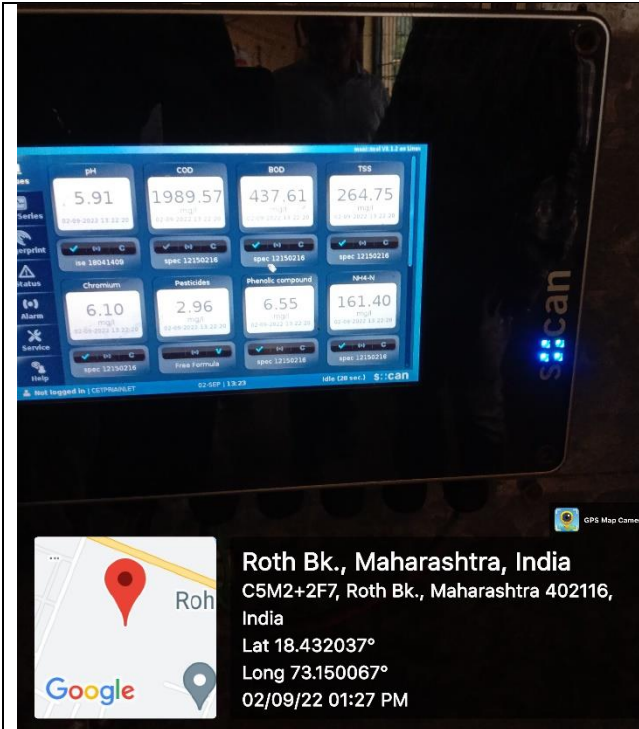


Photograph.9: Secondary clarifier

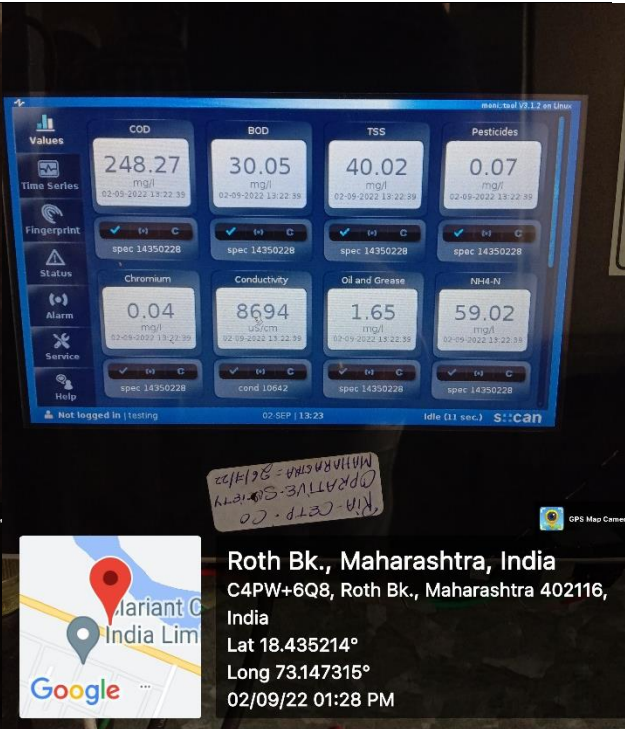


Photograph.10: Treated Effluent Collection Tank/sump-1.

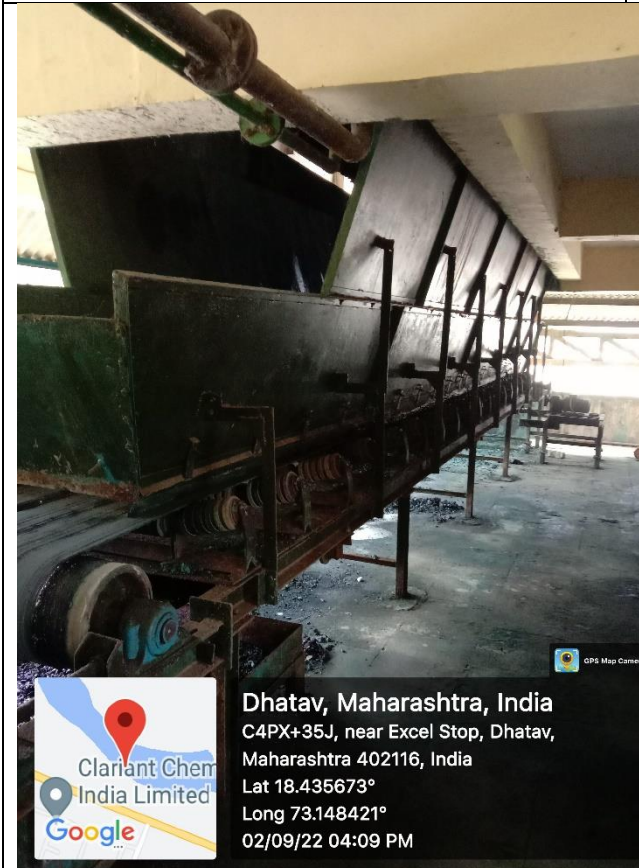
Photograph.11: PSF and ACF – Not in operation



Photograph.13: OCEMS Panel- Inlet to CETP



Photograph.14: OCEMS-Panel Outlet (before mixing /dilution with effluent from M/s Sudarshan Chemicals Industries Ltd



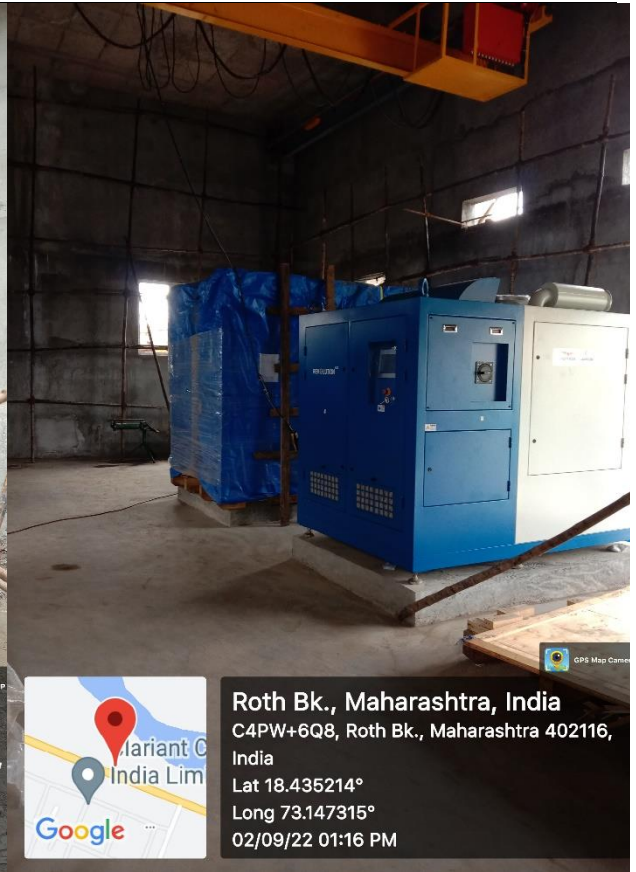
Photograph.15: Filter Press



Photograph.16: Dry sludge collection from filter press system.



Photograph.16: Pump house under construction.



Photograph.17: Air Compressor/Blower for Diffeused aeration system



Photograph-18 Up-gradation Work- Anoxic Tank



Photograph-19 Upgradation work – Primary Sludge Sump and Pump House



Photograph-20 Up-gradation works – DISTRIBUTION CHAMBER OF AERATION TANK



Photograph-21- Upgradation works – Blower House



Photograph-22: Final outlet from premises of CETP (Outelt of CETP + Treated effluent from M/s Sudarshan Chemicals Industries Ltd .)



Photograph-23: pH of Final outlet from premises of CETP (Outelt of CETP + Treated effluent from M/s Sudarshan Chemicals Industries Ltd .) is about 11.



ch2m.

Photograph 24: Pilot Plant installed – CETP presmies

ANALYSIS RESULTS OF SAMPLING CARRIED OUT BY MPCB AT INLET OF CETP (MONTHLY AVERAGE VALUES FOR JANUARY 2021 TO TO DECEMBER 2021)

Parameter	Inlet Design Standards	January	February	March	April	May	June	July	August	September	October	November	December	Average
pH	5.5-9.0	7.68	8.30	7.65	7.30	7.38	7.88	7.23	7.82	7.68	7.90	7.78	7.38	7.66
BOD	1000	781.25	675.00	931.25	670.00	795.00	618.75	712.50	895.00	793.75	568.00	795.00	743.75	748.27
COD	2500	2736.00	2442.67	2904.00	2221.33	2516.00	1724.00	2078.00	2481.60	2416.00	1856.00	2596.80	2450.00	2368.53
SS	--	275.00	206.67	137.50	121.33	471.50	383.00	320.00	496.80	128.00	125.00	184.00	114.00	246.90
O & G	--	3.80	2.70	3.15	2.67	2.60	4.31	3.95	5.27	-	-	1.90	-	3.37
TDS	--	14538.50	14726.00	23084.50	13272.67	16973.50	16072.00	15676.00	-	-	-	-	-	16334.74

(MONTHLY AVERAGE VALUES FOR JANURY 2022 TO AUGUST 2022)

[illegible]

ANALYSIS RESULTS OF SAMPLING CARRIED OUT BY MPCB AT OUTLET OF CETP

(MONTHLY AVERAGE VALUES FOR JANUARY 2021 TO TO DECEMBER 2021)

Parameter	Discharge Standards	January	February	March	April	May	June	July	August	September	October	November	December	Average
pH	5.5-9.0	7.80	7.77	7.85	8.07	7.90	7.78	7.40	7.86	7.95	7.63	7.48	7.93	7.78
BOD	100	235.00	230.00	277.50	158.00	201.25	181.25	372.50	469.00	213.75	118.75	101.80	152.25	225.92
COD	250	760.00	645.33	844.00	608.00	596.00	503.00	1078.00	1190.40	666.00	390.00	332.80	502.00	676.29
SS	100	105.00	93.33	77.00	83.33	215.00	212.00	174.00	379.50	122.50	74.00	52.40	68.00	138.01
TDS	NS	11892.50	9202.00	7374.00	5757.33	6964.00	6897.00	7465.00	9188.60	6662.00	2961.50	3602.80	2529.25	6708.00

(MONTHLY AVERAGE VALUES FOR JANUARY 2022 TO AUGUST 2022)

Parameter	Discharge Standards	January	February	March	April	May	June	July	August	Average
pH	5.5-9.0	7.80	7.28	7.43	7.70	7.60	7.43	7.38	7.56	7.52
BOD	100	165.20	103.75	77.50	71.25	85.00	122.00	74.75	272.80	121.53
COD	250	508.80	278.00	239.00	230.00	244.00	402.00	207.00	1012.80	390.20
SS	100	318.80	121.50	99.50	79.00	87.00	87.00	72.00	409.60	159.30
TDS	NS	6349.20	2105.00	1914.25	1902.50	5144.00	2084.25	2053.00	8090.20	3705.30

PRESENT STATUS OF UP-GRADATION AND RECTIFICATION OF CETP

Sr No.	Process structure	Item	Equipment/Instrument details	Quantity (Nos.)	Material receipt status at site	Installation Status	Remark
1.	Flowmeter chamber (FC01A)	C&I	Inlet flowmeter (Low COD) Magnetic	1	Received	Yet to install	
2.	Division chamber (MC01A)	C&I	Autosampler (Low COD)	1	Received	Yet to install	
3.	Low COD coarse screen chamber (T101A&B)	M&E	Coarse screen (Low COD)	2	Received	Yet to install	
4.	Low COD Collection Tank (T102A/B)	M&E	Submersible mixers (Low COD I)	4	Received	Yet to install	
5.			Submersible mixers (Low COD II)	4	Received	Yet to install	
6.			Submersible Pumps (Low COD I)	2	Yet to receive	Yet to install	
7.			Submersible Pumps (Low COD I)	2	Yet to receive	Yet to install	
8.	Outlet Of Low COD transfer pumps	C&I	Online monitoring system (Low COD)	1	Received	Installed & in operation	
9.	Flowmeter chamber(FC01B)	C&I	Inlet flowmeter (High COD) Magnetic	1	Received	Yet to install	
10.	Division chamber	C&I	Autosampler (High COD)	1	Received	Yet to install	
11.	Low COD coarse screen chamber (103A&B)	M&E	Coarse screen (High COD)	2	Received	Yet to install	
12.	Oil & Grease Trap/skimmer (T 104 A/B)	M&E	Oil skimmer (High COD)	2	Received	Yet to install	
13.		M&E	Submersible mixers (High COD)	12	Received	Yet to install	

Sr No.	Process structure	Item	Equipment/Instrument details	Quantity (Nos.)	Material receipt status at site	Installation Status	Remark
14.	High COD Equalization Tank (T105)		Submersible Pumps (High COD)	4	Yet to receive	Yet to install	
15.	Outlet Of High COD transfer pumps	C&I	Online monitoring system (High COD)	1	Received	Installed & in operation	
16.	PH correction tank(T106)	M&E	PH correction tank agitator	1	Received	Installed & in operation	
17.	Flash mixer (108 A&B)	M&E	Flash Mixer 1&2	2	Received	Installed & in operation	
18.	Primary clari flocculator (T109A/B)	M&E	Primary Clariflocculator1&2	2	Received	Installed & in operation	Interim commissioning of Primary clarifier I done by contractor & in operation. Primary clarifier 2 is existing system & same is used for operation.
19.	Bioreactor feed sump (T110)	M&E	Submersible mixer	1	Received	Installed	Interim commissioned by contractor. Davit crane yet to install.
20.		M&E	Bioreactor transfer pumps	5	Received	Installed & in operation	One new pump installation in progress.
21.	Anoxic tank (T111)	M&E	Submersible Mixers (Anoxic Tank)	6	Received	Yet to install	Installation in progress.
22.	Aeration tank (T113 A/B,114)		Diffusers (Aeration tank1,2 &3)	4068	Received	Yet to install	SS air grid pipes fabrication & installation work in progress for aeration tank 1&2.
23.		M&E	MLR pumps (Aeration tank1,2&3)	6	Yet to receive	Yet to install	
24.	Air blower building	M&E	Air blowers	5	Received	Yet to install	Installation in Progress.
		M&E	EOT 3 Ton crane	1	Received	Installed	Commissioned.
25.	Secondary clarifier(T 116A/B)	M&E	Secondary clarifier1&2	2	Received	Installed	Installation of secondary clarifier I completed. To be commissioned. Secondary clarifier II is

Sl No.	Process structure	Item	Equipment/Instrument details	Quantity (Nos.)	Material receipt status at site	Installation Status	Remark
							existing clarifier & same is used for operation.
26.		M&E	Return activated sludge pumps	4	Received	Yet to install	
27.		M&E	Waste activated sludge pumps	4	Received	Yet to install	
28.	Filter feed sumps T117	M&E	Filter feed pumps	3	Received	Installed & in operation	
29.	PSF tanks	M&E	PSF tanks	10	Received	Installed	Painting work completed. Piping, valves & instrument installation pending. Filter media to be filled in PSF.
30.	ACF tanks	M&E	ACF tanks	10	Received	Installed	Painting work completed. Piping, valves & instrument installation pending. Filter media to be filled in ACF.
31.	From PSF jump line to ACF	C&I	Flowmeter (Magnetic type)	1	Yet to receive	Yet to install	
32.	Treated effluent tank 1,2 (T123/124)	M&E	Filter backwash pumps	2	Received	Installed	
33.	From ACF PSF treated outlet	C&I	Online monitoring system (Treated Effluent)	1	Received	Installed & in operation	
34.	PSF tanks	M&E	Air scouring blower	2	Received	Yet to install	
35.	Filter Press 1&2	M&E	Air compressor	2	Received	1 no. Installed	Interim commissioning of new compressor completed. Other compressor is existing compressor & same will be also used for operation.
36.	Primary sludge sump	M&E	Submersible Mixer	1	Received	Yet to install	
37.		M&E	Screw pumps (Primary sludge transfer pumps)	2	Received	Yet to install	

Sr No.	Process structure	Item	Equipment/Instrument details	Quantity (Nos.)	Material receipt status at site	Installation Status	Remark
38.	Sludge thickener T121A/B	M&E	Sludge thickener mechanism1&2	2	Received	Yet to install	
39.	Sludge thickened sump	M&E	Submersible mixer (Sludge thickened sump)	1	Received	Yet to install	
40.		M&E	Screw Pumps (Filter press feed pump)	3	Received	Yet to install	
41.	Filter press FP01A/B	M&E	Filter press system	2	Received	Installed & in operation	Both existing systems are used for operation.
42.	Lime dosing tank DT01A/B	M&E	Lime dosing tank Agitators	2	Received	Installed & in operation	
43.		M&E	Lime dosing pumps (screw pumps)	3	Received	Yet to install	
44.	Alum dosing tank DT02A/B	M&E	Alum Tank agitators	2	Received	Installed & in operation	
45.		M&E	Alum dosing pumps	3	Received	Yet to install	
46.	Anionic dosing tank DT03A/B	M&E	Anionic polymer tank agitator	2	Received	Installed & in operation	
47.		M&E	Anionic polymer dosing pump	3	Received	Yet to install	
48.	NaOH dosing tank DT04A/B	M&E	NaOH tank agitator	2	Received	Installed & in operation	
49.		M&E	NaOH dosing pump	3	Received	Yet to install	
50.	H3PO4 dosing tank DT05A/B	M&E	H3PO4 dosing pump	3	Received	Yet to install	
51.	Nutrient dosing tank DT 08	M&E	Nutrient dosing pump	3	Received	Yet to install	
52.	Cationic dosing tank DT06A/B	M&E	Cationic polymer tank agitator	2	Received	Installed & in operation	Existing systems are used for operation.
53.		M&E	Cationic polymer dosing pump	3	Received	Yet to install	

Miscellaneous Items

Sr No	Process Structure	Item	Equipment Details	Quantity	Procurement Status	Installation status	Remarks
1.	Transformer yard	E&I	Transformer 1600kva	1 no.	Received	Yet to install	Installation in progress

Sl No	Process Structure	Item	Equipment Details	Quantity	Procurement Status	Installation status	Remarks
2.	DG Room	E&I	DG	1 no.	Received	Yet to install	DG set of 1010 KVA received at site.
3.	Panel Room	E&I	VFD Panel	Lot	Received	Yet to install	
4.	PLC Room	C&I	PLC panel with SCADA & UPS system	Lot	Yet to receive	Yet to install	
5.	Panel Room	E&I	MCC Panels	Lot	Received	Yet to install	

Notes:

1. HDPE pipes received at site
2. SS pipes received at site
3. Power cables received at site
4. Pressure gauges (108 no.s) received at site
5. pH meter (02 no.), DO meter (03 no.), ORP meter (01 no.) received at site
6. EOT of 3 ton capacity for turbo blowers received at site. It is installed and tested successfully
7. Valves for air distribution lines of blowers and aeration tanks received at site

MAHARASHTRA POLLUTION CONTROL BOARD
REGIONAL OFFICE-RAIGAD

Tel. No. 2757 2620
Fax No. 2756 2132

Email:
Visit us at:



Raigad Bhavan, 6th Floor,
Sec-11, C.B.D. Belapur,
Navi Mumbai 400 614.
rraigad@mpcb.gov.in
<http://mpcb.gov.in>

NO. MPCB/PR/2112070001

Date: 07/12/2021

To

1. Deputy Engineer,
MIDC Sub-Dn. Roha
MIDC Dhatav, Roha,
Tal. Roha, Dist. Raigad.

2. M/s. R & B Infra Projects Pvt. Ltd. And Hydroair Tectonics (PCD) Ltd (JV)
RIA CETP Operator, MIDC Dhatav, Roha
Tal. Roha, Dist. Raigad.

Sub: Prosecution Notice under Section 41(2), 44 & 45A r.w.
Section 25/26 and 33A of the Water (Prevention & Control of
Pollution) Act, 1974.

Ref: 1. Consent granted by the Board dated 01/03/2018, valid
Upto 31/12/2021
2. Directions issued by the Board vide letters dtd. 13/11/2020,
27/01/2021, 05/03/2021 and 30/06/2021.
3. Your replies dated 18/03/2021 and 14/07/2021.
4. Minutes of the Personal Hearing extended to you on 29/01/2021.
5. Review Meeting convened on 19/05/2021 through Video
Conferencing under the Chairmanship of Member Secretary
MPCB
6. JVS results of samples collected from inlet & outlet of CETP
during the year 2021.

WHEREAS, the Maharashtra Pollution Control Board had granted Consent to Operate for expansion of 12.5 MLD capacity of CETP with renewal of consent of existing 10.00 MLD capacity under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981 and Authorization under the provisions of the Hazardous and Other Waste (Management and Transboundary Movement) Rules, 2016, subject to certain terms and conditions, which is valid upto 31/12/2021.

AND WHEREAS, it is obligatory on your part to provide adequate & suitable treatment & disposal arrangements, so as to achieve the standards for CETP prescribed in the Consent and to dispose off it in accordance with the conditions laid down for the disposal in the Consent.

: 2 :

AND WHEREAS, the RIA CETP has taken over by the MIDC vide letter dated 01/02/2020 and MIDC has appointed M/s. R & B Infra Project Pvt. Ltd., Hydroair Tectonics (PCD) Ltd. (JV) for up-gradation and operation & maintenance of CETP.

AND WHEREAS, the Board has issued directions to your CETP from time to time for improving the performance of CETP, to achieve the consented standards, to install SCADA, to install online monitoring system duly calibrated in presence of Regional Officer and to monitor the industries, who are discharging sub-standard quality of effluent into the CETP. AND WHEREAS, you have submitted your replies to the said directions, which are not satisfactory.

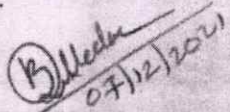
AND WHEREAS, the Board has extended an opportunity of personal hearing to your CETP on 29/01/2021 and review meeting on 19/05/2021 before the Member Secretary of the Board. During the meeting, it was observed that your CETP have not complied with the directions issued by the Board from time to time. AND WHEREAS, this fact was brought to your notice vide show cause notice dated 30/06/2021.

AND WHEREAS, the Board is regularly monitoring the performance of CETP by way of collecting JVS samples on regular basis. AND WHEREAS, the officials of the Board at Raigad visited to your CETP and collected JVS samples in the year 2021. The results of the JVS samples collected from the outlet of CETP reveals that the parameters like COD and BOD are exceeding the limit prescribed by the Board.

AND WHEREAS, the Board has already given you sufficient & reasonable opportunity to improve your operation and maintenance of CETP. However, despite issuance of various directions, you have failed to comply with the same and also failed to achieve the standards prescribed by the Board in the consent and thereby discharging untreated effluent into the environment.

AND WHEREAS, in view of the aforesaid non-compliances, you are hereby called upon to show cause as to why prosecution shall not be launched against your CETP and Operator of the Facility under the provisions of the Water (Prevention & Control of Pollution) Act, 1974 before the appropriate Court of Law?

Your reply to the said prosecution notice shall reach this office within a period of 10 days from the date of receipt of this notice, failing which, prosecution will be filed against you without giving you further opportunity, which please note.


(V. V. Killedar)
Regional Officer-Raigad

Copy submitted to: Hon'ble Member Secretary, MPCB, Mumbai – for favour of information.

Copy f.w.cs.to: Joint Director (WPC) / Regional Officer(HQ)/Law Officer(P&L Divn.-II), MPCB, Mumbai – for information please.

Copy to: Sub-Regional Officer, MPCB, Raigad-II – for information and necessary follow up action.

MAHARASHTRA INDUSTRIAL DEVELOPMENT CORPORATION

(A GOVT. OF MAHARASHTRA UNDERTAKING)



No.DE Roha/IFMS/ E79625 /of 2021
Office of the Deputy Engineer,
M.I.D.C. Roha Sub division, Dhatav,
Tal. Roha, Dist. Raigad.

To,
The Regional Officer,
MPCB, Regional Office,
Raigad Bhavan, 6th floor,
Sec-11, CBD Belapur,
Navi Mumbai- 400614

Date: 16.12.2021

Sub: Prosecution Notice u/s 41(2), 44 & 45A r.w. section 25/26 and 33A of the water (Prevention & control of pollution) Act, 1974.

Ref : Your office letter No. MPCB/PR/ 21122070001 dt 07.12.2021.

Sir,

With reference to your Prosecution Notice to the undersigned and the CETP Operator, vide letter under reference, the detail say of MIDC is submitted as under.

As you are aware that, CETP operated by the Roha Industries Association (M/s RIA) was not performing to the standards prescribed by MPCB / CPCB. Hence, Hon'ble Chairman, MPCB issued directions to MIDC to take over / appoint an expert agency for operation and maintenance of Roha CETP. Accordingly, MIDC appointed M/s.CH2M Hill (India) Pvt. Ltd. as PMC for Roha CETP Project. Based on the condition assessment study prepared by consultant, the work of Roha CETP up-gradation, rehabilitation of 22.50 MLD on Design Build basis with O&M for 5 years was awarded to the expert agency, M/s R&B Infra Project Pvt Ltd Hydroair Tectonics (PCD)Ltd (JV). The Roha CETP was handed over to MIDC on 01.02.2020 and the work was started.

It was proposed to complete the entire work upto 31.07.2021. However, due to the pandemic situation, lock down and the prolonged monsoon up to October 2020, the work was hampered. The delivery of Turbo blowers and other equipments from another countries was delayed due to the COVID 19 international restrictions.

Page No. 52 55

Scanned by CamScanner

MIDC has already informed the member industries and M/s RIA about installation of SCADA system, positive discharge and online monitoring system. Some of the companies have installed the same and this office is continuously making follow up for early installation of the system.

Further, it is to state that, the effluent treated at CETP is disposed off to the Kundalika Creek at 14.50 Kms in the creek as per the point of disposal approved by MPCB & NIO. MIDC has appointed experience agency for necessary urgent repairs and maintenance of this effluent disposal pipe line and the line is maintained 24/7. In case of incident of leakage through this disposal line, immediately, the disposal is stopped and rectification of line is carried out.

It may please be noted that, No authority is given to MIDC and the CETP operator to do vigilance sampling of individual industries to control the inlet of CETP. It is observed on the MPCB portal that inlet parameters prescribed in the consent is exceeding the specified limits, especially TDS, COD and BOD. However, we are trying our best to achieve the desired results.

Now, the work of rehabilitation and upgradation of CETP is in full swing and expected to be completed till 31.07.2022. All necessary Quality control and supervision checks are being taken at the work to enhance the quality of the effluent being discharged. Kindly observe that, in the month of November 2021, the outlet parameters of COD & BOD and SS are well within limits which indicates that, if inlet parameters are in limit, plant will give desired performance at outlet.

Considering the overall hard efforts being initiated by MIDC under your guidance & guidance of senior officials of MPCB, it is requested not to initiate any legal action against the MIDC & the Operator of the Roha CETP facility and further requested to please withdraw the above issued notice dated 07/12/2021 upon MIDC.

Thanking you.

Yours faithfully

[Signature]
14/12/2021

Deputy Engineer,
M.I.D.C. Roha Sub division,
Dhatav, Roha.

- 1) Copy submitted to the CE(HQ), MIDC, Mumbai for favour of information please.
- 2) Copy submitted to the Dy. CEO (Env), MIDC HQ for favour of information please.
- 3) Copy submitted to the Superintending Engineer (K), MIDC for favour of information, please.
- 4) Copy submitted to the Executive Engineer, MIDC, Alibag for favour of information, please.
- 5) Copy fwc's to the Sub regional Officer, Raigad-2 for information, please.



RBIPPL & HYDROAIR (JV)

Comm. Add: 302, Concorde Premises, Plot No. 66A, Sector 11, C B D Belapur, Navi Mumbai-400614

Phone No: 022-49245642 /43/ 44

Ref: RBHDRO/MPCB/LTR/142/2021-22

To,

Date: 16.12.2021

The Regional Officer- Raigad,
Raigad Bhavan, 6th Floor,
Sector 11, C B D Belapur,
Navi Mumbai- 400614

Sub: Prosecution Notice letter dated 07.12.2021

Sir,

With regards to Board's Direction to CETP to install SCADA and online Monitoring system duly calibrated in presence of RO and to monitor the industries who are discharging substandard quality of effluent into the CETP. This is the part of RIA CETP Co- Operative Society limited and the individual industries. RBIPPL & HYDROAIR (JV) is given the job for up gradation and operation & Maintenance of CETP and no authority is given to do vigilance sampling of individual industries to control the inlet of CETP. Hence all the responsibility to follow your these direction in the purview of RIA CETP Cooperative Society Limited and individual Industries.

Regarding show cause notice dated 30.06.2021 given to RIA Co operative Society Ltd, have not complied MPCB Direction for which RBIPPL & HYDROAIR (JV) is not responsible.

Regarding performance CETP by collecting JVS sampling in the year 2021 and the parameters of COD and BOD is exceeding the standard, we would like to bring to kind notice of MPCB that RBIPPL & HYDROAIR (JV) have observed from your portal reveal that inlet parameters prescribed in the consent is not in the limit especially TDS, COD and BOD are beyond the

consent inlet parameters hence the plant performance cannot be achieved when inlet parameters are beyond the permissible standard.

Please note that the TDS level at inlet parameters is always above 15000 to 24000 ppm as compared to 5000 ppm as per MPCB guidelines. Under these circumstances Biological process cannot function hence plant performance will be certainly hampered.

It is also observed that the TDS in the month of December 2020 (07.12.2020) it was 22667 mg/l, on 09.03.2021 it was 39212 mg/l and on 31.03.2021 it was 23309 mg/l, which according to MPCB guide line should not be more than 5000 mg/l

Similarly inlet COD level on 07.12.2020 was 4720 mg/l, on 13.01.2021 it was 3440 mg/l and on 31.03.2021 it was 3232, on 09.03.2021 it was 3920, on 24.05.2021 it was 4520 mg/l which should be below 2500 mg/l as per MPCB consent hence plant performance cannot be achieved, if inlet parameters are beyond the prescribed limits of consent.

Similarly BOD of inlet is also higher than the consent limits. Following results are extracted from the portal for your information

Date Of Monitoring	Wastewater treated in CETP (MLD)	Wastewater bypassed untreated in the area, if any (MLD)	Status of online CEQMS	Status of hazardous waste storage/disposal (mt/m)	Inlet (mg/l except pH)					Outlet (mg/l except pH)				
					pH	BOD	COD	SS	TDS	pH	BOD	COD	SS	TDS
2020-12-07	0	0	0	0	8.1	1250	4720	662	22667	07.62	40.0	728	186	7121.0
2021-01-13	0	0	0	0	7.2	750	3440	400	16034	7.8	130	584	120	6264
2021-03-31	0	0	0	0	7.7	1050	3232	112	39212	08.0	110	404	78	2764.0
2021-03-09	0	0	0	0	8.0	1225.0	3920.0	138.0	22026.0	07.82	90.0	720.0	58.0	7028.0
2021-05-24	0	0	0	0	7.6	1400.0	4520.0	396.0	23309.0	08.0	55.0	184.0	92.0	6087.0
2021-08-23	0	0	0	0	8.1	1500.0	4320.0	188.0	0	7.83	10.0	856.0	0	6441.0

In view of the above we could not give the required performance hence you are requested to not to prosecute us as we are not at fault as inlet parameters are beyond consent limits.

MPCB has given Direction to control color and TDS at factory level

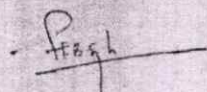
We hope you will consider these facts and ask RIA CETP Cooperative Society Limited to control at factory level so that plant performance can achieve desired standards.

Date Of Monitoring	Wastewater treated in CETP (MLD)	Wastewater bypassed untreated in the area, if any (MLD)	Status of online CEQMS	Status of hazardous waste storage/ disposal (mt/m)	Inlet (mg/l except pH)					Outlet (mg/l except pH)				
					pH	BOD	COD	SS	TDS	pH	BOD	COD	SS	TDS
2021-10-22	0	0	0	0	8.57	50.02	416.0	66.0	0	7.32	5.0	88.0	54.0	329.0
2021-11-01	0	0	0	0	8.58	50.02	928.0	160.0	0	7.72	5.0	112.0	74.0	4820.0

If you observe in the months of November the outlet of parameters of COD & BOD and SS are well within limits which indicates if inlet parameters are in limit plant will give desired performance at outlet.

Thanking you
Yours faithfully

For RBIPPL Hydroair (JV)



H B Singh

**MAHARASHTRA POLLUTION CONTROL BOARD
REGIONAL OFFICE-RAIGAD**

Tel. No. 2757 2620
Fax No. 2756 2132



Raigad Bhavan, 6th Floor,
Sec-11, C.B.D. Belapur,
Navi Mumbai 400 614.

Email: rorraigad@mpcb.gov.in
Visit us at: <http://mpcb.gov.in>

No. MPCB/ROR/Direction/2022/2208080004(A)

Date: 08.08.2022

To,
**M/s. Roha Industrial Association,
MIDC Dhatav, Tal. Roha
Dist. Raigad.**

Sub: Direction under section 33(A) of Water (Prevention & Control of Pollution) Act, 1974, 31(A) of Air (Prevention & Control of Pollution) Act, 1981.

- Ref:** 1. Board consent No. BO/JD(WPC)/UAN N. 0000014897/O/R/CC-180300032 dated 01.03.2018 which was valid upto 31.12.2021.
2. Direction issued vide no. MPCB/JD(WPC)/B-610 dated 14.02.2019.
3. Direction issued vide no. MPCB/ROR/TB/Dir/190401-FTS-0156 dated 01.04.2019.
4. Direction issued vide no. MPCB/ROR/TB/Dir/190411-FTS-0176 dated 11.04.2019.
5. Show Cause Notice issued vide no. MPCB/ROR/SCN/2019/190504-FTS-0149 dated 04.05.2019.
6. Direction issued vide no. MPCB/JD(WPC)/B-3398(2) dated 11.09.2019.
7. Direction issued vide no. MPCB/JD(WPC)/Dir/B-201113-FTS-0061 dated 13.11.2020.
8. Direction issued vide no. MPCB/JD(WPC)/Dir/B-210127-FTS-0179 dated 27.01.2021.
9. Show Cause Notice for Closure issued vide no. MPCB/ROR/SCN for closure/2106290009 dated 30.06.2021.
10. Visit of Hon'ble Member Secretary to RIA CETP dated 01.06.2022.
11. Minutes of Meeting dated 01.06.2022.
12. Proposal submitted by SRO Raigad-2 through legal module dated 05.08.2022.

.....
WHEREAS, the common effluent treatment plant was introduced with an approach to solve the problem of pollution caused by effluent discharge by small scale industries. These small scale industries do not have technical expertise and are not financially viable to provide full-fledged effluent treatment facilities. The main objective of having CETP is to help the small scale industries who cannot afford full-fledged effluent treatment facilities and can't afford trained staff and space to have organize disposal of treated effluent.

AND WHEARS, Board is monitoring performance of RIA CETP by collecting regular JVS from inlet and outlet of CETP. **AND WHEARS**, it is observed that RIA CETP is not complying with the specific outlet standards prescribed in the consent order for disposal of treated effluent.

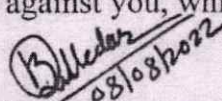
AND WHEARS, Board has issued directions from time to time dtd. 14.02.2019, 01.04.2019, 11.04.2019, 04.05.2019, 11.09.2019, 13.11.2020, 27.01.2021 and 30.06.2021 wherein it was directed to improve the O&M of CETP, to provide online continuous monitoring system, provision of NRV, two way SCADA system, etc. **AND WHEARS**, it is observed that you/member industries have not complying most of the directions issued by the Board.

AND WHEARS, Hon'ble Member Secretary, MPCB visited RIA CETP on 01.06.2022 to review the performance of CETP and status of up-gradation of CETP. It is observed that the work of up-gradation and revamping of CETP was not completed in time. CETP has also not complied the directions issued by the Board w.r.t. online continuous monitoring system, two way SCADA system, Segregation of high COD streams, Proposal for installation of common MEE etc.

NOW THEREFORE, in the exercise of the power conferred upon me by Board under section 33(A) of the Water (P & CP) Act, 1974, you are hereby directed to comply following directions:

1. RIA CETP Association shall submit the list of defaulting industries to MPCB within 15 days, who are discharging high COD and TDS effluent to CETP.
2. RIA CETP Association shall not accept the effluent from member industries who are failed to comply the direction issued by the Board towards installation of two ways SCADA system, installation and effective operation of OCMS, strainer, positive discharge, one day holding tank, NRV etc.

You shall submit your compliance report to these directions and progress of the implementation of these directions within 7 days failing which, the Board will have no option than to initiate further legal action including prosecution against you, which may please be noted.


 (V. V. Killedar)
 Regional Officer, Raigad

Copy submitted for favour of information to:-

1. Hon'ble Chairman, MPC Board, Mumbai.
2. Member Secretary, MPC Board, Mumbai.

Copy forwarded with compliments to:-

1. Joint Director (WPC), MPC Board, Sion, Mumbai.
2. Regional Officer (BMW), MPC Board, Sion, Mumbai.
3. Law Officer, MPC Board, Sion, Mumbai.

Copy forwarded for information to:-

1. Executive Engineer, MIDC Dhatav, Tal. Roha, Raigad
2. Deputy Engineer, MIDC Dhatav, Tal. Roha, Raigad

Copy for information and necessary follow-up action to:-

Sub Regional Officer, Raigad-2 – He is directed to ensure that letter to be served to the CETP association & submit the compliance report of in stipulated time.

RIA - CETP**CO - OPERATIVE SOCIETY LIMITED**

(Regn. No. RGD/RHA/GNL/(O)904/94 dtd 7.9.94)

RIRC Bldg., Plot No. 6, M.I.D.C. Dhatav, Roha - Raigad - 402 116.

Tel. : 02194 - 263599, Fax : 264594

Email : riacetp@gmail.com

963
22/8/2217th August 2022

THE REGIONAL OFFICER, RAIGAD
 MAHARASHTRA POLLUTION CONTROL BOARD,
 Raigad Bhavan, 6th Floor,
 Sec-11, CBD Belapur,
 Navi Mumbai 400 601.

SROR-2
 put up
 DU
 18/8/22

Sub : Your Directions under reference No. MPCB/ROR/Direction/2022/2208080004(A) dated 08th August 2022.

Dear Sir,

With reference to your above Directions issued to us we would like to state as under :

1. You have Directed us to submit the list of defaulting industries within 15 days who are discharging high COD and TDS effluent to CETP. In this regard we would like to inform you that the present inlet COD of CETP received from member industries is between 2100 -2000 and always below 2500. This is much below the agreed norms of inlet COD of 3000 to the CETP by the members. This has already been communicated to you. We enclose herewith results of analysis of Joint Vigilant Samples of inlet COD for your reference which validates our claim. As such, since all the member industries are within the parameters of inlet COD norms of CETP.
2. You have further directed us not to accept the effluent from member industries who are failed to comply the direction issued by the Board towards installation of two ways SCADA system, installation and effective operation of OCMS, strainer, positive discharge, one day holding tank, NRV etc. We would like to state that around 20 companies have already completed these requirements. However few are yet to complete due to some technical and financial issues and difficulties faced by them. Some members have therefore requested some more time for completion. We therefore request you to kindly allow us another 30 days so that all the members can complete these requirements.

Sir, you will agree that the members have put in lot of efforts towards improvement in treatment of their effluent and it is noteworthy from the inlet results of CETP. We therefore request you to kindly consider our request above and do the needful. We assure our commitment towards continued efforts on abatement of pollution and saving the environment.

Thanking you,

Sincerely,

For RIA-CETP CO. OP. SOC. LTD.,

D.G. NANDGAONKAR,
 EXECUTIVE DIRECTOR.



**MAHARASHTRA POLLUTION CONTROL BOARD
REGIONAL OFFICE-RAIGAD**

Tel. No. 2757 2620
Fax No. 2756 2132



Raigad Bhavan, 6th Floor,
Sec-11, C.B.D. Belapur,
Navi Mumbai 400 614.

Email: roraignad@mpcb.gov.in
Visit us at: <http://mpcb.gov.in>

No. MPCB/ROR/Direction/2022/2208080004(B)

Date: 08.08.2022

To,

1. M/s. Deputy Engineer,
MIDC Sub-Div, Roha
MIDC Dhatav, Tal. Roha
Dist. Raigad.
2. M/s. R&B Infra Projects Pvt. Ltd. and Hydroair Tectonics (PCD) Ltd (JV),
RIA CETP Operator,
MIDC Dhatav, Tal. Roha
Dist. Raigad.

Sub: Direction under section 33(A) of Water (Prevention & Control of Pollution) Act, 1974, 31(A) of Air (Prevention & Control of Pollution) Act, 1981.

- Ref:** 1. Board consent No. BO/JD(WPC)/UAN N. 0000014897/O/R/CC-180300032 dated 01.03.2018 which was valid upto 31.12.2021.
2. Direction issued by the board dated 14.02.2019, 01.04.2019, 11.04.2019, 04.05.2019, 11.09.2019, 13.11.2020, 27.01.2021, 30.06.2021 and 01.12.2021.
3. Visit of Hon'ble Member Secretary to RIA CETP dated 01.06.2022.
4. Minutes of Meeting dated 01.06.2022.
5. Proposal submitted by SRO Raigad-2 through legal module dated 05.08.2022.

WHEREAS, the common effluent treatment plant was introduced with an approach to solve the problem of pollution caused by effluent discharge by small scale industries. These small scale industries do not have technical expertise and are not financially viable to provide full-fledged effluent treatment facilities. The main objective of having CETP is to help the small scale industries who cannot afford full-fledged effluent treatment facilities and can't afford trained staff and space to have organize disposal of treated effluent.

AND WHEARS, Board is monitoring performance of your CETP by collecting regular JVS from inlet and outlet of CETP. **AND WHEARS**, it is observed that RIA CETP is not complying with the specific outlet standards prescribed in the consent order for disposal of treated effluent.

AND WHEARS, Board has issued directions from time to time dtd. 14.02.2019, 01.04.2019, 11.04.2019, 04.05.2019, 11.09.2019, 13.11.2020, 27.01.2021, 30.06.2021 and 01.12.2021 wherein it was directed to improve the O&M of CETP, to provide

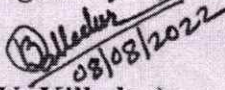
OCMS, provision of NRV, two way SCADA system, etc. **AND WHEARS**, it is observed that you have not complying most of the directions issued by the Board.

AND WHEARS, Hon'ble Member Secretary, MPCB visited RIA CETP on 01.06.2022 to review the performance of CETP and status of up-gradation of CETP. It is observed that the work of up-gradation and revamping of CETP was not completed in time. CETP has also not complied the directions issued by the Board w.r.t. online continuous monitoring system, Two way SCADA system, Segregation of high COD streams, Proposal for installation of common MEE etc.

NOW THEREFORE, in the exercise of the power conferred upon me by Board under section 33(A) of the Water (P & CP) Act, 1974 and under section 31(A) of Air (Prevention & Control of Pollution) Act, 1981 you are hereby directed to comply the following directions:

1. You shall complete up gradation and revamping work of CETP within stipulated time period. i.e. by 30 August 2022 as committed by the MIDC.
2. MIDC and CETP authority shall put all the existing CETP units in operation and operate it scientifically and ensure the disposal of treated effluent shall achieve consented standards.
3. MIDC and CETP authority shall dispose Hazardous Waste/ETP sludge to the CHWTSDF immediately.
4. MIDC and CETP authority shall make necessary treatment provisions during the up-gradation of the existing units.
5. MIDC shall curtail water supply of the member industries by 50% with reference to Boards consent quantity till completion of the up-gradation and revamping work of CETP.

You shall submit your compliance report to these directions and progress of the implementation of these directions within 7 days failing which, the Board will have no option than to initiate further legal action including prosecution against you, which may please by noted.


 (V. V. Killedar)
 Regional Officer, Raigad

Copy submitted for favour of information to:-

1. Hon'ble Chairman, MPC Board, Mumbai.
2. Member Secretary, MPC Board, Mumbai.

Copy forwarded with compliments to:-

1. Joint Director (WPC), MPC Board, Sion, Mumbai.
2. Regional Officer (BMW), MPC Board, Sion, Mumbai.
3. Law Officer, MPC Board, Sion, Mumbai.

Copy forwarded for information to:-

RIA Association, MIDC Dhatav, Tal. Roha, Raigad

Copy for information and necessary follow-up action to:-

Sub Regional Officer, Raigad-2 – He is directed to ensure that letter to be served to the CETP association & submit the compliance report of in stipulated time.


MIDC

MAHARASHTRA INDUSTRIAL DEVELOPMENT CORPORATION
(A Government of Maharashtra Undertaking)

Office of the Deputy Engineer, MIDC Roha Sub-Dn. Roha At.Po. Dhatav,
Tal.Roha, Dist. Raigad. Website - www.midcindia.org
E-mail - deroha@midcindia.org Telephone No. 02194-263825

No/Rh/civil/Do 3369/ of 2022.
Office of the Deputy Engineer,
MIDC Roha Sub-Dn.Roha,
Date:- 26/09/2022.

To,
✓ The Regional Officer,
MPCB, Raigad Bhavan- 2,
6th floor, Sector-11,
C.B.D. Belapur,
Navi Mumbai. 400 614.

Sub :- Direction under section 33 (A) of Water (Prevention & Control of Pollution) Act, 1974, 31(A) of Air (Prevention & Control of Pollution) Act, 1981.

Ref :- Your office letter No. MPCB/ ROR/ Direction /2022/ 2208080004(B) dtd. 08.08.2022 received in this office dtd. 12.09.2022 by post.

With regards wide letter cited under reference, we are complying to your directions as below-

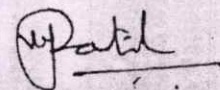
Sr. No.	Directions	Comply
1.	The directions for up-gradation and revamping work of CETP within stipulated time period i.e. by 30 th August 2022 as Committed by MIDC.	The up-gradation work of CETP almost on completion stage. Under tender Agreement No.C-1 for 2019-2020.The commissioning of the mechanical equipment which is expected to be completed by Nov.2022 .
2.	MIDC and CETP authority shall put all the existing CETP units in operation and operate it scientifically and ensure the disposal of treated effluent shall achieve consented standards.	The plant is operating even though the up-gradation work is going on. We are complying with the specific outlet standards prescribed in the consent order for disposal of treatment effluent which can be seen from MPCB portal.

Page NO 62

3.	MIDC and CETP authority shall dispose Hazardous Waste / ETP sludge to the CHWTSDf immediately.	All the Hazardous Waste / ETP sludge had been already removed and disposal off to MWML, Taloja.
4.	MIDC and CETP authority shall make necessary treatment provisions during the up-gradation of the existing units.	Present CETP plant is designed for 22.5 MLD, however only 10 MLD effluent is being received. There are 2 numbers of primary Clarifloculator each one is having treatment capacity of 10 MLD. for secondary treatment there are 3 numbers of Aeration tank and 2 numbers of Secondary Clarifier with each having treatment capacity of 10 MLD, hence by keeping one tank in operation we are upgrading the other tank without affecting the treatment process. Moreover, we have also constructed some new units simultaneously like Anoxic tank, Sludge Thickener Tank, Inlet Chamber, Distribution Chambers and MCC Rooms which is not affecting the treatment process.
5.	MIDC shall curtail water supply of the member industries by 50% with reference to Boards consent quantity till completion of the up-gradation and revamping work of CETP.	Present plant is designed for 22.5 MLD, however only 10 MLD effluent is being received. Already less than 50% effluent is coming to CETP, hence there appears no need to curtails further water supply of the member industries.

The CETP plant is operated scientifically and the units required for up-gradation work also being implemented as per consultant CH2M and tender conditions. It is planned to completed and commission CETP plant by end of November 2022.

Thanking You!



Deputy Engineer,
MIDC Sub-Division, Roha

- Copy Submitted to the Executive Engineer, MIDC Division Alibag, for the favour of information please.
- Copy to the Guard file..



RBIPPL & HYDROAIR (JV)

Comm. Add: 302, Concorde Premises, Plot No. 66A, Sector 11, C B D Belapur, Navi Mumbai-400614

Phone No: 022-49245642 / 43 / 44

Ref: RBHDRO/MPCB/LTR/146/2021-22

To,

Date: 14.08.2022

The Regional Officer,

MPCB Raigad.

Raigad Bhavan, 6th floor, Sector - 11,

C.B.D Belapur, Navi Mumbai- 400 614.

Sub: Direction under section 33(A) of Water (Prevention & Control of Pollution) Act, 1974, 31(A) of Air ((Prevention & Control of Pollution) Act, 1981.

Sir,

With regards to your letter No.-MPCB/ROR/Direction/2022/2208080004 (B) dated 08.08.2022, we are complying to your directions as below-

S.N.	Directions	Comply
1.	You shall complete up-gradation and revamping work of CETP within stipulated time period i.e. by 30 th August 2022 as committed by MIDC.	Almost completed the civil works and will be starting the commissioning of the mechanical equipment which is expected to be completed by 30 th August provided the heavy rains and flooding of the plant is reduced to favourable condition
2.	MIDC and CETP authority shall put all the existing CETP units in operation and operate it scientifically and ensure the disposal of treated effluent shall achieve consented standards.	The plant is operating even though the up-gradation work is going on. We are complying with the specific outlet standards prescribed in the consent order for disposal of treatment effluent which can be seen from Mpcb portal.

3.	MIDC and CETP authority shall dispose Hazardous Waste/ETP sludge to the CHWTSDF immediately.	All the Hazardous Waste/ETP sludge had been already removed and disposed off to MWML, Taloja.
4.	MIDC and CETP authority shall make necessary treatment provisions during the up-gradation of the existing units.	Present CETP plant is designed for 22.5 MLD, however only 10 MLD effluent is being received. There are 2 numbers of Primary Clarifloculator each one is having treatment capacity of 10 MLD. For secondary treatment there are 3 numbers of Aeration tank and 2 numbers of Secondary Clarifier with each having treatment capacity of 10 MLD, hence by keeping one tank in operation we are upgrading the other tank without affecting the treatment process. Moreover, we have also constructed some new units simultaneously like Anoxic Tank, Sludge Thickner Tank, Inlet Chamber, Distribution Chambers and MCC Rooms which is not affecting the treatment process.
5.	MIDC shall curtail water supply of the member industries by 50% with reference to Boards consent quality till completion of the up-gradation and revamping work of CETP.	Present plant is designed for 22.5 MLD, however only 10 MLD effluent is being received. Already less than 50% effluent is coming to CETP, hence there appears no need to curtail further water supply of the member industries. The further water supply curtailment may cause great harm to Industry with production loss. Some of the industries have shifted to Gujarat and some more might go to elsewhere.

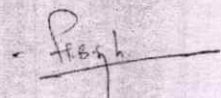
The work of OCMS, provision of NRV, two way SCADA system etc. need to be taken by RIA CETP Co- Operative Society Limited and the individual industries. RBIPPL & HYDROAIR (JV) is assigned up gradation and operation & Maintenance of CETP and scope is within battery limit of CETP.

The CETP Plant is operated scientifically and the units required for up-gradation work also being implemented as per Consultant CH2M and tender conditions. it is planned to complete and commission CETP Plant by end of November 2022. There is slight delay in progress of work due to heavy rains and flood situations.

You are requested to please take the issue of control of color, odour and TDS at factory level with RIA CETP Cooperative Society Limited.

Thanking you
Yours faithfully

For RBIPPL Hydro Air (JV)



H B Singh

Copy Submitted to : Hon'ble Chairman, MPCB, Mumbai.
Copy Submitted to : Hon'ble Joint Director (WPC), MPCB, Mumbai.
Copy Submitted to : Regional Officer, MPCB, Raigad.
Copy Submitted to : Sub-Regional Officer, MPCB, Raigad-2.
Copy Submitted to : Chief Engineer, MIDC(HQ), Mumbai.
Copy Submitted to : Superintending Engineer, MIDC(K), Mumbai.
Copy Submitted to : Executive Engineer, MIDC(Alibag), Mumbai.
Copy Submitted to : Superintending Engineer, MIDC(K), Mumbai.
Copy Submitted to : Deputy Engineer, MIDC (Roha), Mumbai.

MAHARASHTRA POLLUTION CONTROL BOARD

Tel: 24024022/24020781/24010437

Fax: 24093814 / 24044532

website: <http://www.mpcb.gov.in>E-mail: enquiry@mpcb.gov.in

Regional Officer, Thane

5th Floor, office complex Bldg

Near Mulund Check Naka,

Thane-400604

NO.MPCB/JD(WPC)/ Dir/B-201113-FTS-0061

Date: 13.11.2016

By RPAD/email

To,

M/s RIA CETP Co-op. Society Ltd.,

Plot No.6, MIDC Dhatav,

Tal. Roha, Dist. Raigad

Sub: Directions u/s 33A of the Water (Prevention & Control of Pollution) Act, 1974.

Ref: 1) Consent granted to your CETP.

2) Directions Issued by the Board for installation of SCADA Automation Control system vide letter No.dtd. 20/2/2016

3) Direction issued for short term & long term measures vide letter dtd 25/8/2016.

4) Direction issued to industries for implementation of monitoring protocol vide letter dtd. 11/08/2017.

5) Minutes of Personal Hearing extended to CETPs at HQ on 26/08/2019.

6) Direction issued to you vide letter dtd. 11/09/2019.

7) Minutes of Personal Hearing extended to CETPs at HQ on 25/09/2019, 26/09/2019, 27/09/2019.

WHEREAS, the common effluent treatment plant was introduced with an approach to solve the problem of pollution caused by effluent discharge by small scale industries. These small scale industries lack technical expertise and are not financially viable to provide full-fledged effluent treatment facilities. The main objective of having CETP to help the small scale industries who cannot afford full-fledged effluent treatment facilities and can't afford trained staff and space to have organize disposal of treated effluent.

2..

..2..

AND WHEREAS, you have been granted Conditional Consent and Authorization under the provisions of the Water (P&CP) Act, 1974, and the Air (P&CP) Act, 1981 and the Hazardous Waste (Management, Handling & Transboundary Movement) Rules, 2016. **AND WHEREAS**, it was obligatory on your part to provide adequate and suitable treatment & disposal arrangement so as to achieve the standards prescribed in the consent order.

AND WHEREAS, Board has issued direction dtd 20.02.2016 wherein it was directed to you to install SCADA automation control system at CETP for the parameters flow and pH of member industries generating effluent 100 CMD and above. And, it was also directed to submit proposal for ensuring installation of SCADA system at CETP and member industries generating effluent 100 CMD and above within three months in time bound manner.

AND WHEREAS, it is observed that you have not provided SCADA automation control system thus not complied with the directions issued by the Board on 20.02.2016.

AND WHEREAS, you are lacking in administrative control over CETP and don't have proper vigilance on your member industries. The major flaws such as variation in hydraulic flow and pollution load, operation of OCEMS, sludge handling, finding and punishing the defaulter member industries.

AND WHEREAS, Board has issued direction dtd 11/09/2019 and directed to comply with specific parameters like NH₃-N, TKN, Phenols, Cyanide, Cu, Mn and Fe.

AND WHEREAS, Maharashtra Pollution Control Board had issued various directions to you regarding improvement in operation and maintenance of CETP so as to meet consented norms.

AND WHEREAS, Board is monitoring performance of your CETP by collecting regular JVS from inlet and outlet of CETP. **AND WHEREAS**, it is observed that you have not complying with the specific outlet standards prescribed in the consent order for disposal of treated effluent.

AND WHEREAS, The Board has already taken policy decision for financial assistance for installation of common MEE for treatment and disposal of high COD effluent that financial assistance will be extended upto 75% from the MIDC & MPCB and CETP association/

3..

..3..

industries have to contribute 25% but you are failed to submit such proposal along with quantification of high COD effluent generation in your area.

AND WHEREAS, the CETP has failed to monitor and control of colour at source therefore Board has issued circular on 13/11/2020 to control colour at source and no colour shall be noticed at the inlet of the CETP.

NOW THEREFORE, in the exercise of the power conferred upon me by Board under section 33(A) of the Water (P &CP) Act, 1974, you are directed to comply following directions:

- I. The industries having effluent generation 25 CMD and more shall install online monitoring system duly calibrated for pH, flow, BOD, COD and SS within one month. And the industries having effluent generation less than 25 CMD shall install online monitoring system duly calibrated for pH & flow within Three months. The same shall be further attached to the SCADA of CETP. CETP shall monitor it regularly.
- II. You shall ensure continuous data transmission through OCEMS to MPCB and CPCB server. The calibration of OCEMS shall be carried out regularly.
- III. The industries shall provide positive discharge facilities and they shall terminate underground disposal mechanism to MIDC drains immediately. The outlet shall be secured with lock and key arrangements with strainer.
- IV. The high COD effluent stream having COD & TDS Conc.> 5000 mg/l shall be segregated, treated and disposed separately without mixing to effluent discharging to CETP.
- V. You shall submit proposal for installation of common MEE for treatment and disposal of high COD effluent stream within 15 days.
- VI. You shall operate CETP continuously and efficiently round o'clock to meet all consented standards including specific parameters. In no case, sub standards quality effluent shall be discharged into environment.

4..

Page NO. 69

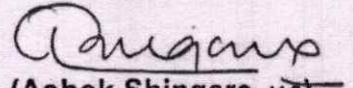
72

..4..

VII. You shall ensure that the colour shall be treated at the source as per the Board circular dtd 13/11/2020.

VIII. You are directed to submit CETP data in compliance module daily.

You shall submit your compliance report to these directions and progress of the implementation of these directions within 7 days failing which, the Board will have no option than to initiate further legal action including prosecution against you, which may please be noted.


(Ashok Shingare, IAS)
Member Secretary

Copy submitted for information to:

Hon'ble Chairman, M.P.C. Board, Mumbai.

Copy to

1. Joint Director (WPC). M.P.C. Board, Mumbai.
2. Law Officer, MPC Board, Sion, Mumbai.
3. Regional Officer, Raigad.- He is directed to ensure compliance of CETP.
4. Sub-Regional Officer, Raigad-II, MPCB - He is directed to serve this direction to CETP & Keep follow-up for compliance.

MAHARASHTRA POLLUTION CONTROL BOARD

Tel: 24010437/24020781/24014701

Fax: 24024068 / 24023515

Website: <http://mpcb.gov.in>E-mail: jdwater@mpcb.gov.in

Kalpataru Point, 2nd - 4th Floor

Opp. Cine Planet Cinema,

Near Sion Circle, Sion (E)

Mumbai-400 022.

NO.MPCB/JD(WPC)/ Dir/B- 2/0123-F75-0139 Date: 27.01.2021

By RPAD/email

To,

M/s RIA CETP Co-op. Society Ltd.,

Plot No.6, MIDC Dhatav,

Tal. Roha, Dist. Raigad

Sub: Directions u/s 33A of the Water (Prevention & Control of Pollution) Act, 1974.

Ref: 1) Consent granted to your CETP.

2) Directions Issued by the Board for installation of SCADA

Automation Control system vide letter No.dtd. 20/2/2016

3) Direction issued for short term & long term measures vide letter dtd 25/8/2016.

4) Direction issued to industries for implementation of monitoring protocol vide letter dtd. 11/08/2017.

5) Direction issued to you vide letter dtd. 13.11.2020.

WHEREAS, the common effluent treatment plant was introduced with an approach to solve the problem of pollution caused by effluent discharge by small scale industries. These small scale industries lack technical expertise and are not financially viable to provide full-fledged effluent treatment facilities. The main objective of having CETP to help the small scale industries who cannot afford full-fledged effluent treatment facilities and can't afford trained staff and space to have organize disposal of treated effluent.

AND WHEREAS, Board is monitoring performance of your CETP by collecting regular JVS from inlet and outlet of CETP. **AND WHEREAS**, it is observed that you have not complying with the specific outlet standards prescribed in the consent order for disposal of treated effluent.

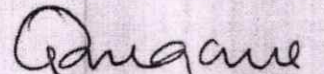
AND WHEREAS, Board has issued direction dtd 13.11.2020 wherein it was directed that the industries having effluent generation 25 CMD and more shall install online monitoring system duly calibrated for pH, flow, BOD, COD and SS within one month. And the industries having effluent generation less than 25 CMD shall install online monitoring system duly calibrated for pH & flow. The same shall be further attached to the SCADA of CETP which shall be monitored regularly.

NOW THEREFORE, in the exercise of the power conferred upon me by Board under section 33(A) of the Water (P & CP) Act, 1974, you are directed to comply following directions:

1. The industries having effluent generation and disposal to CETP shall have installed SCADA. They shall install sensor and Non-Returnable Valve(NRV) by 26.02.2021. The copy of work order in this effect shall be submitted by 31.01.2021 to the Board.
2. You shall accept discharge of treated effluent from the industries which shall complying following conditions.
 - (I) Provided positive discharge with strainer, lock & key arrangement, NRV with control equipment for discharge line.
 - (II) Provided SCADA system duly calibrated for pH, flow, BOD, COD and SS;
 - (III) Declared concentrated stream of effluent with quantity and modes of its disposal (present & future).
 - (IV) MIDC certification for confirmation on single disposal line to inlet of CETP through manhole and not using water from any other source than dedicated MIDC water supply.
3. The industries shall provide outlet with NRV & mechanism which in case of violation of disposal standards will automatically shut the valve and prevent any further effluent flow into sump/inlet of CETP and auto sampler at individual outlet of ETP before 26th Feb 2021. The copy of work order in this effect shall be submitted by 31.01.2021 to the Board. The industries shall not be allowed to discharge the effluent to CETP without compliance.
4. The industries shall submit internal Audit Report confirming pollution load to be treated in their individual ETP and related to CETP.

You shall submit your compliance report to these directions and progress of the implementation of these directions within 7 days failing which, the Board will have no option

than to initiate further legal action including prosecution against you, which may please by noted.


(Ashok Shingare, IAS)

Member Secretary

Copy submitted for information to:

Hon'ble Chairman, M.P.C. Board, Mumbai.

Copy to

1. Joint Director (WPC). M.P.C. Board, Mumbai.
2. Law Officer, MPC Board, Sion, Mumbai.
3. Regional Officer, Raigad - He is directed to ensure compliance of CETP.
4. Sub-Regional Officer-Raigad-II- He is directed to serve this direction to CETP/MIDC & Keep follow-up for compliance.
5. Executive Engineer, MIDC - He is directed to follow the directions.

RIA - CETP

CO - OPERATIVE SOCIETY LIMITED

(Regn. No. RGD/RHA/ONL/10/904/94 dtd 7.9.94)

RIRC Bldg., Plot No. 8, M.I.D.C. Dhatav, Roha - Raigad - 402 116.

Tel : 02194 - 263599, Fax : 264594

Email : riacetp@gmail.com

Date: 05th April 2021

To,

The Hon. Member Secretary,
Maharashtra Pollution Control Board,
Kaipataru point, 2-4 Floor,
Near Sion Circle, Sion (East)
Mumbai 400022

Sub : Directions vide Letter No. MPCB/ID(WPC)/Air/3-210/27- FTS-0179 dated
27.01.2021

DIRECTIONS regarding the online monitoring of the samples at source of the individual Industries including all the five (5) parameters namely pH, Flow, BOD, COD, TSS along with the positive discharge, lock and key arrangement, NRV, Auto sampler and connected to CETP through SCADA with two (2) way connectivity, has been issued to all industrial areas with CETPs.

This is in reference to the directions issued by MPCB, in January 2021, regarding the online monitoring of the samples at source of the individual Industries including all the five (5) parameters namely pH, Flow, BOD, COD, TSS along with the positive discharge, lock and key arrangement, NRV, Auto sampler and connected to CETP through SCADA with two (2) way connectivity. These directions have been issued to all industrial areas with CETPs.

In the earlier directions from MPCB, issued couple of years back, it was clearly mentioned that only pH and flow meter was to be installed for the SSI, who are discharging effluent quantity below 25 CMD. The same was again repeated as per letter dated 23rd November 2020.

As per earlier directions from MPCB CETP associations have taken effective steps to improve the performance. Moreover, each industrial area has a different configuration / mix of industries and effluent collection system. In some areas, there is no drainage system OR no proper sewerage system provided by MIDC for segregation of effluent from different types of industries. Some CETPs depend on tanker system for transportation of effluent. In such a situation, elaborate online monitoring system, positive discharge, NRV, auto sampler and lock and key are meaningless. Elaborate online monitoring system, positive discharge, NRV, auto sampler and lock and key needs to be insisted on selective basis in consultation with the CETP associations, particularly for small scale industries.

RIA - CETP

CO-OPERATIVE SOCIETY LIMITED

(Regt. No. RGD/RHA/GN/101904/94 dt. 7.9.94)

RIRC Bldg., Plot No. 6, M.I.D.C. Dhatav, Roha - Raigad - 402 116

Tel. : 02194 - 263599, Fax : 264594

Email : riacetp@gmail.com

Office bearers of CETPs and industrial associations have recently discussed the issue in a joint meeting and we are of the view that having online monitoring with all the above five (5) parameters will not be viable both financially and operationally particularly for the SSI Units. Monitoring the pH and flow by CETP associations may prove to be sufficient in majority of cases.

Moreover, post Covid lock down, the SSI units are already burdened with lack of man power, financial crisis and almost no work orders. Thus it is impossible to go ahead with such unnecessary directions, as it will indirectly lead to forceful shutdown of the Industries.

Thanking you.

Yours Truly

FOR RIA-CETP CO-OP. SOC. LTD.


D. G. Nandgaonkar
Executive Director



CC to

KAMA & COSIA

S. No	Name of CETP	RIA CETP Co. Soc. Ltd.
1	Total No of member Industries	33
2	Total No of Industries discharging effluent to CETP	Avg. 16 MLD
3	No. of Industries Issue Purchase Order for Two Way SCADA for pH, Flow, BOD, COD & SS	Most of the member industries have installed On-line measurement devices which are duly connected to CETP server/MPCB server.
4	No. of Industries Provided Two Way SCADA for pH, Flow, BOD, COD & SS	Almost all the member industries have installed On-line measurement devices which are duly connected to CETP server/MPCB server. However, many member industries have observed that their devices do not work properly and need frequent cleaning and wiping to avoid erratic result. Servicing support from suppliers is also very poor.
5	No. of Industries Provided Non Returnable Valve(NRV) & Sensor	None of the member industry pumps treated effluent directly into the chamber. It is pumped to chamber inside the premise from where effluent flows by gravity to the CETP chamber. In such situation NRV, which is necessarily a back flow device, would be of no use.
6	No. of Industries Provided Positive Discharge with Strainer, Lock & Key Arrangement, NRV with control equipment	None of the member industries pump their treated effluent directly into the outlet chamber connected to CETP. Treated effluent by the member industries is pumped into the Chamber inside their premises and it is further flown by Gravity into the CETP Inlet Chamber outside the premises. Thirteen (13) member industries have provided Lock & Key Arrangement. In such situation NRV, which is necessarily a back flow device, would be of no use.

7	No. of Industries declared concentrated stream of effluent with quantity & mode to disposal	Members Industries had declared details of concentrated stream of effluent to MPCE in response to their circular in the year 2013. However, we are asking all member industries to update the same w.r.t present status and likely future scenario. Please note this exercise would require time to complete.
8	No. of industries obtained confirmation of single disposal line to inlet of CETP and not using any other source of water supply than dedicated MIDC water supply	To best of our knowledge, all member industries are connected through a single disposal line to CETP Chambers and not using any other source of water supply than dedicated MIDC water supply. However it is requested to provide us with a format which we can share and obtain details from Member Industries.
9	No. of Industries Provided Auto Sampler at Individual outlet	Need time to provide Auto Sampler at individual outlet.
10	No. of Industries submitted Internal Audit Report confirming pollution load to be treated in individual ETP and related to CETP	Member industries have already been communicated regarding requirement of internal audit and its compliance. This process would require more time.

MAHARASHTRA POLLUTION CONTROL BOARD

Tel: 24010437/24020781/24014701

Fax: 24024068/ 24023515

Website: <http://www.mpcb.gov.in>E-mail: jdwater@mpcb.gov.inKalpataru Point, 2nd- 4th Floor,
Opp. PVR Cinema,
Near Sion Circle, Sion (E),
Mumbai - 400022

No. 210305-FTS-0054

Date: 05/03/2021

By RPAD/email

To,

M/s RIA CETP Co-op. Society Ltd.,

Plot NO. 6, MIDC Dhatav,

Tal. Roha, Dist. Raigad

Sub: Directions u/s 33A of the Water (Prevention & Control of Pollution) Act, 1974.**Ref:** 1) Consent granted to your CETP.

2) Directions Issued to industries for implementation of monitoring protocol vide letter dtd. 11/08/2017

3) Direction issued to you vide letter dtd 27.01.2021.

WHEREAS, the common effluent treatment plant was introduced with an approach to solve the problem of pollution caused by effluent discharge by small scale industries. These small scale industries lack technical expertise and are not financially viable to provide full-fledged effluent treatment facilities. The main objective of having CETP to help the small scale industries who cannot afford full-fledged effluent treatment facilities and can't afford trained staff and space to have organize disposal of treated effluent.

WHEREAS, the Maharashtra Pollution Control Board has granted you conditional consent to operate for common Effluent Treatment Plant subject to certain terms and conditions including important condition to maintain and operate the same properly so as to achieve the consented standards.

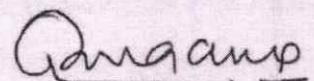
AND WHEREAS, Board has is monitoring performance of your CETP by collecting regular JVS from inlet and outlet of CETP. **AND WHEREAS**, it is observed that you have not complying with the specific outlet standards prescribed in the consent order for disposal of treated effluent.

AND WHEREAS, it is observed that the poor operation and maintenance of CETP is due to lack of skilled technical manpower, poor technical knowhow and administration over the member industries.

NOW THEREFORE, in the exercise of the power conferred upon me by Board under section 33(A) of the Water (P & CP) Act, 1974, you are directed to comply following directions:

1. The CETP shall appoint skilled technical person as Chief Executive Officer, Chief Operator at CETP with at least qualification of MSc (Environment Science) or B.E. (Chemical) with five years of experience in relative field.
2. The CETP shall appoint Chief Chemist with at least qualification of BSc (Chemistry/Env. Science) with three years of experience in relative field.
3. The CETP shall appoint personnel for round the clock management of the CETP and adequate number of vigilance teams.
4. The appointment/removal of CEO and chief chemist will be made with prior approval of MPCB.
5. The CETP shall appoint adequate manpower for vigilance of member industries for better compliance.

You shall submit your compliance report to these directions and progress of the implementation of these directions within 7 days failing which, the Board will have no option than to initiate further legal action including prosecution against you, which may please be noted.



(Ashok Shingare, IAS)

Member Secretary

Copy submitted for information to:

Hon'ble Chairman, M.P.C. Board, Mumbai.

Copy to

1. Joint Director (WPC). M.P.C. Board, Mumbai.
2. Law Officer, MPC Board, Sion, Mumbai.
3. Regional Officer, Raigad- He is directed to ensure compliance of CETP.
4. Sub-Regional Officer, Raigad II-He is directed to serve this direction to CETP & Keep follow-up for compliance.

RIA - CETP

CO - OPERATIVE SOCIETY LIMITED

(Regn. No. RGD/RHA/GNL/10/904/94 dtd 7.9.94)

RIRC Bldg., Plot No. 6, M.I.D.C. Dhatav, Roha - Raigad - 402 116.

Tel. : 02194 - 263599, Fax : 264594

Email : riacetp@gmail.com

07th March 2021

To,

THE HON. MEMBER SECRETARY,
MAHARASHTRA POLLUTION CONTROL BOARD,
Kalpataru Point, 2-4th Floor,
Near Sion Circle, Sion (East),
Mumbai 400 022.

Sub : Your Directions No. 210305-FTS-0054 dated 05.03.2021 u/s 33A of Water (Prevention & Control of Pollution) Act, 1974.

Dear Sir,

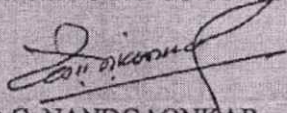
We are in receipt of your Directions 210305-FTS-0054 dated 05.03.2021 u/s 33A of Water (Prevention & Control of Pollution) Act, 1974. With regards to the same we would like to state as under :

1. The CETP has already appointed Whole Time Working Director /CEO who is a Technically Skilled person having qualification of Diploma in Chemical Engineering and having 33 years of aggregate experience in Production and in Environmental Sciences.
2. We have Head of Operations / Chief Chemist whose qualification is B.Sc. Chemistry with a Post Graduate Diploma in Environmental Sciences and experience of 15 years.
3. Presently the CETP operations have been handed over to MIDC who in turn have appointed the Operator with effect from 01.02.2020. The Operator has also appointed Chief Chemist and Shift wise responsible persons.
4. CETP has appointed adequate manpower for round the clock vigilance of Member Industries for better compliance.

Hope this letter suffice and satisfy the Directions.

Thanking you,

Sincerely,
For RIA-CETP CO.OP. SOC. LTD.,


D.G. NANDGAONKAR
EXECUTIVE DIRECTOR.