

RIL-DMD/HSEF/ENV/2023/86

Date: 28th November, 2023

To,
The Regional Officer,
Ministry of Environment, Forest & Climate Change,
Integrated Regional Office,
A Wing – 407 & 409, Aranya Bhawan,
Near CH - 3 Circle, Sector - 10A,
Gandhinagar, Gujarat – 382 010

Subject: Submission of Compliance Status Report of EC received by RIL – Saraswati Township for the period April 2023 to September 2023.

Reference: EC Order No. SEIAA/GUJ/EC/8(a)/100/2015 dated 04th March, 2015

Dear Sir,

Please find attached herewith the point wise compliance to the Environment Clearance granted to Reliance Industries Limited – “Saraswati Township” by SEIAA, Gujarat (referenced above).

Environment Clearance in the attachment is followed by Annexures for easy reference.

We hope that the above is in line with your requirements and request to kindly acknowledge the receipt.

Thanking you,
For **RELIANCE INDUSTRIES LIMITED**



Raja Raman Chaudhary
Head Environment

Encl.: As above

Cc,
The Member of Secretary,
State Environment Impact Assessment Authority (SEIAA), Gandhinagar
The Member Secretary, GPCB, Gandhinagar - 382 010
The Regional Officer, GPCB-RO, Bharuch - 392015

Compliance Status of the Environment Clearance Order No. SEIAA/GUJ/EC/8(a)/100/2015 dated 04th March 2015 as on 30th September 2023

Sr. No.	Conditions	Compliance Status
A.	Conditions:	
A.1	Construction Phase:	
A.1.1	Water:	
1	Water requirement during the construction phase shall be met through the existing 22 MGD pipeline from Angareshwar pump house on river Narmada.	Water requirement during the construction phase was sourced through the existing 22 MGD pipeline from Angareshwar pump house on river Narmada. Complied.
2	Sewage to be generated during the construction phase shall be disposed off into septic tank/soak pit system.	Sewage generated during the construction phase was disposed off into septic tank / soak pit system. Complied.
3	Water demand during construction shall be reduced by use of curing agents, super plasticizers and other best construction practices.	Water demand was reduced during the construction phase by implementing best construction practices like using curing agents, super plasticizers etc. Complied.
A.1.2	Air:	
4	Engineering controls including barricading the site during construction period shall be Implemented for dust control.	All construction activities were carried out by implementation of various engineering controls including barricading the site to control fugitive dust emissions. Complied.
5	Water sprinkling shall be done in vulnerable areas for controlling fugitive emission.	Water sprinkling was done in vulnerable areas / construction material handling area for controlling the fugitive emission. Complied.
6	Material shall be covered during transportation to avoid the fugitive emission.	Materials were transported in covered manner to avoid fugitive dust emissions. Complied.
7	The roads inside the project area and roads connected to the main road shall be paved or shall be water sprinkled to avoid the fugitive emissions during construction.	The roads inside the project area and roads connected to the main road were paved to avoid the fugitive emissions during construction phase. Water sprinkling was done in the area for controlling the fugitive emission. Complied.
8	The ambient air quality shall be monitored in and around the project area during construction phase	Ambient Air Quality was monitored in and around the project area during construction phase. Ambient air quality monitoring is carried out on twice a week basis at one location in Saraswati Township through MoEF&CC recognised & NABL accredited laboratory M/s Netel (India) Limited, Navi Mumbai and the results are well within the norms prescribed by GPCB.

		<p>MoEF&CC recognition letter and NABL certificate of M/s Netel (India) Limited is enclosed as Annexure I.</p> <p>A summary of the AAQ monitoring results of Apr'23 – Sep'23 are as given below:</p> <table border="1"> <thead> <tr> <th>Parameter</th> <th>GPCB Consent Limit</th> <th>Avg</th> <th>Min</th> <th>Max</th> </tr> </thead> <tbody> <tr> <td>PM₁₀</td> <td>100 µg/m³</td> <td>57.81</td> <td>32.00</td> <td>69.00</td> </tr> <tr> <td>PM_{2.5}</td> <td>60 µg/m³</td> <td>20.13</td> <td>6.00</td> <td>30.00</td> </tr> <tr> <td>SO₂</td> <td>80 µg/m³</td> <td>17.35</td> <td>10.60</td> <td>23.50</td> </tr> <tr> <td>NO_x</td> <td>80 µg/m³</td> <td>25.83</td> <td>15.60</td> <td>31.60</td> </tr> <tr> <td>O₃</td> <td>180 µg/m³</td> <td>8.07</td> <td>3.90</td> <td>11.50</td> </tr> <tr> <td>NH₃</td> <td>400 µg/m³</td> <td>14.86</td> <td>5.40</td> <td>21.40</td> </tr> <tr> <td>CO</td> <td>4 mg/m³</td> <td>1.37</td> <td>1.05</td> <td>1.59</td> </tr> <tr> <td>Benzene</td> <td>5 µg/m³</td> <td>< 1.0</td> <td>< 1.0</td> <td>< 1.0</td> </tr> <tr> <td>Pb</td> <td>1 µg/m³</td> <td>< 0.1</td> <td>< 0.1</td> <td>< 0.1</td> </tr> <tr> <td>As</td> <td>6 ng/m³</td> <td>< 1.0</td> <td>< 1.0</td> <td>< 1.0</td> </tr> <tr> <td>Ni</td> <td>20 ng/m³</td> <td>0.29</td> <td>0.20</td> <td>0.40</td> </tr> <tr> <td>BAP</td> <td>1 ng/m³</td> <td>< 0.5</td> <td>< 0.5</td> <td>< 0.5</td> </tr> </tbody> </table> <p>It can be seen from the above table that all results are conforming to the standards prescribed by GPCB.</p> <p>Detailed AAQ Monitoring data can be referred as Annexure II.</p> <p>Complied.</p>	Parameter	GPCB Consent Limit	Avg	Min	Max	PM ₁₀	100 µg/m ³	57.81	32.00	69.00	PM _{2.5}	60 µg/m ³	20.13	6.00	30.00	SO ₂	80 µg/m ³	17.35	10.60	23.50	NO _x	80 µg/m ³	25.83	15.60	31.60	O ₃	180 µg/m ³	8.07	3.90	11.50	NH ₃	400 µg/m ³	14.86	5.40	21.40	CO	4 mg/m ³	1.37	1.05	1.59	Benzene	5 µg/m ³	< 1.0	< 1.0	< 1.0	Pb	1 µg/m ³	< 0.1	< 0.1	< 0.1	As	6 ng/m ³	< 1.0	< 1.0	< 1.0	Ni	20 ng/m ³	0.29	0.20	0.40	BAP	1 ng/m ³	< 0.5	< 0.5	< 0.5
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A.1.3	Solid Waste																																																																		
9	All topsoil excavated during construction activity shall be used in horticultural/landscape development within the project site	<p>Topsoil excavated during construction activity is used in horticultural / landscape development within the project site.</p> <p>Complied.</p>																																																																	
10	The construction materials and debris shall be properly stored and handled to avoid negative impacts such as air pollution and public nuisances by blocking the roads and public passages. Appropriate barricading shall be done and Signboards shall be put at such sites	<p>The construction materials and debris were properly stored, handled and disposed in a proper manner. Adverse impact on neighbouring community is not envisaged as the existing complex is located in notified industrial area.</p> <p>Barricading and signages were put up at required places / site.</p> <p>Complied.</p>																																																																	
11	Used cement bags, waste paper and cardboard packing material shall be sold off to recyclers, Residual steel scrap shall be collected at site and sold to recyclers	<p>Used cement bags, waste paper and cardboard packing material are disposed off by selling to recyclers.</p> <p>Residual steel scrap is first collected at site and then sold to recyclers.</p> <p>Complied.</p>																																																																	
12	The debris generated during the construction work shall be re-used in filling and resurfacing of the area.	<p>Debris generated during the construction work was re-used in filling and resurfacing of the area.</p> <p>Complied.</p>																																																																	
A.1.4	Safety:																																																																		

13	Structural design of the project shall strictly adhere to the seismic zone norms for earthquake resistant structures.	Structural design of the project was done by strictly adhering to the seismic zone norms for earthquake resistant structures. Complied.																																																
14	During construction Personal Protective Equipment shall be provided to the construction workers and its usage shall be ensured and supervised	All required PPE's were provided to workers during construction phase. Complied.																																																
15	First Aid Box shall be made readily available in adequate quantity at all the times	First Aid box were made readily available in adequate quantity during construction phase. Complied.																																																
16	Training shall be given to all workers on construction safety aspects	Training was imparted to all the workers on construction safety aspects. Complied.																																																
17	The project proponent shall strictly comply with the Gujarat Building and other Construction Workers Act & Rules	The requirements of Gujarat Building and other Construction Workers Act & Rules were complied with.																																																
A.1.5	Noise																																																	
18	The overall noise level in and around the project area shall be kept well within the prescribed standards by providing noise control measures including acoustic insulation, hoods, Silencers, enclosures vibration dampers etc. on all sources of noise generation. The ambient noise levels shall conform to the standards prescribed under the Environment Protection Act and Rules	<p>The overall noise level in and around the project area was kept well within the prescribed standards by providing noise control measures including acoustic insulation, hoods, Silencers, enclosures vibration dampers etc. on all sources of noise generation. Ambient noise levels conform to the standard prescribed under EPA Rules, 1989 viz. 55 dBA (Day Times) and 45 dBA (Night time).</p> <p>Saraswati township is a residential township located within the notified industrial area / G.I.D.C surrounded by various Industries.</p> <p>Presently, ambient noise level monitoring is carried out on a monthly basis through MoEF&CC recognised & NABL accredited laboratory M/s Netel (India) Limited, Navi Mumbai.</p> <p>MoEF&CC recognition letter and NABL certificate of M/s Netel (India) Limited is enclosed as Annexure I.</p> <p>The summary of the ambient noise levels for Apr'23 – Sep'23 is presented below.</p> <table border="1"> <thead> <tr> <th rowspan="2">Monitoring Location</th> <th colspan="3">Day Time Limit : 55 dB(A)</th> <th colspan="3">Night Time Limit : 45 dB(A)</th> </tr> <tr> <th>Avg</th> <th>Min</th> <th>Max</th> <th>Avg</th> <th>Min</th> <th>Max</th> </tr> </thead> <tbody> <tr> <td>Main Gate</td> <td>52.2</td> <td>50.7</td> <td>53.8</td> <td>42.8</td> <td>41.8</td> <td>43.6</td> </tr> <tr> <td>Near Food Court</td> <td>52.2</td> <td>51.1</td> <td>53.5</td> <td>40.5</td> <td>39.2</td> <td>41.3</td> </tr> <tr> <td>Behind C5 Tower (Near Temple)</td> <td>53.7</td> <td>52.7</td> <td>54.8</td> <td>42.5</td> <td>41.7</td> <td>43.3</td> </tr> <tr> <td>Near old STP</td> <td>50.7</td> <td>49.7</td> <td>51.6</td> <td>41.0</td> <td>40.2</td> <td>41.9</td> </tr> <tr> <td>Near Estate office / School</td> <td>51.9</td> <td>51.3</td> <td>52.6</td> <td>42.7</td> <td>41.7</td> <td>43.7</td> </tr> </tbody> </table>	Monitoring Location	Day Time Limit : 55 dB(A)			Night Time Limit : 45 dB(A)			Avg	Min	Max	Avg	Min	Max	Main Gate	52.2	50.7	53.8	42.8	41.8	43.6	Near Food Court	52.2	51.1	53.5	40.5	39.2	41.3	Behind C5 Tower (Near Temple)	53.7	52.7	54.8	42.5	41.7	43.3	Near old STP	50.7	49.7	51.6	41.0	40.2	41.9	Near Estate office / School	51.9	51.3	52.6	42.7	41.7	43.7
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		<p>The above results indicates that the ambient noise levels during the reporting period Apr'23 – Sep'23 has not exceeded the prescribed limit.</p> <p>Detailed noise monitoring report is enclosed as Annexure III.</p> <p>Complied.</p>
19	The noise generating equipment's, machinery and vehicles shall not be operated during the night hours and shall be maintained properly to avoid generation of high noise due to lack of wear and tear.	<p>No Noise generating equipment's were used during the night hours. Periodic maintenance of noise generating equipment's, machinery and vehicles were carried out to avoid generation of high noise due to lack of wear and tear.</p> <p>Complied.</p>
20	Use of generator sets during construction phase shall be strictly with acoustic enclosure and shall confirm to EPA Rules for air and noise emission standards	<p>The Diesel Generator Sets used during construction phase were of enclosed type and confirming to the EPA Rules for air and noise emission standards.</p> <p>Complied.</p>
A.2	Other Conditions	
21	The NBC norms shall be strictly adhered to for parking, firefighting & safety etc.	<p>The NBC norms were strictly adhered for parking, firefighting & safety etc.</p> <p>Fire Fighting system is designed and installed as per NBC norms. Adequate passage and access (more than 6 meter of road width) are provided for the movement of fire tenders around the building blocks.</p> <p>Complied.</p>
22	Barricade of at least 3m height shall be provided on the periphery of the construction site with adequate signage's.	<p>Barricading of at least 3m height were provided on the periphery of the construction site with adequate signage's.</p> <p>Complied.</p>
23	Vehicles hired for bringing construction material at site shall be in good conditions and confirm to applicable air and noise emission standards and shall be operated only during day time and non-peak hours.	<p>Vehicles hired for bringing construction material at site were kept in good conditions and confirm to applicable air and noise emission standards and were operated only during day time and non-peak hours.</p> <p>Vehicles with PUC certificate were hired for bringing construction material at site and were in good conditions.</p> <p>Complied.</p>
24	Project proponent shall ensure use of eco-friendly building materials including fly ash bricks, fly ash paving blocks etc.	<p>Eco-friendly building materials including Fly ash bricks and fly ash paving blocks were used for construction activities wherever possible.</p> <p>Complied.</p>
25	Ready mix concrete [RMC] shall be used in the project so far as possible	<p>Ready mix concrete (RMC) were used in the project wherever possible.</p> <p>Complied.</p>
26	Necessary sanitary hygiene and first aid measures shall be provided before starting the construction activities and to be	<p>Necessary sanitary hygiene and first aid measures were provided before starting the construction activities and were maintained throughout the construction phase.</p>

	maintained throughout the construction phase.	Complied.												
27	Adequate accommodation, drinking water, sanitary facilities, first aid centre, creches for small child and cooking fuel shall be provided for construction workers at the site.	Adequate accommodation, drinking water, sanitary facilities, first aid centre, creches for small child and cooking fuel were provided for construction workers at the site in labour colony. Complied.												
28	Adequate care shall be taken to see that the surrounding landscape at the project site is not environmentally degraded.	Adequate measures were taken to ensure that the surrounding landscape at the project site was not environmentally degraded due to construction activities. Complied.												
29	Fly ash shall be used in the construction wherever applicable as per provisions of Fly Ash Notification under EPA.	Fly ash were used in the construction wherever applicable as per the provisions of Fly Ash Notification under EPA. Complied.												
30	Only lead free paints shall be used in the project.	Only lead free paints were used in the project. Complied.												
A.3	Operation Phase													
A.3.1	Water													
31	Total fresh water requirement during the operation phase shall be 400.0 KL/day and it shall be met through the existing 22 MGD pipeline from Angareshwar pump house on river Narmada and the water requirement for gardening - 230.0 KL/day shall be met through treated sewage. No ground water shall be tapped during the operation phase. Metering of the water shall be done and its records shall be maintained.	<p>Total fresh water requirement during the operation phase is kept under 400.0 KL/day. Source of fresh water is through the existing 22 MGD pipeline from Angareshwar pump house on river Narmada.</p> <p>The average fresh water requirement for the period Apr'23 – Sep'23 was 339 KLD which is not exceeding the permissible limit of 400 KLD.</p> <p>The summary of fresh water consumption during reporting period of Apr'23 – Sep'23 is presented as below:</p> <table border="1" data-bbox="804 1402 1442 1581"> <thead> <tr> <th colspan="4">Fresh Water Consumption (KLD)</th> </tr> <tr> <th>Prescribed Limit</th> <th>Avg</th> <th>Min</th> <th>Max</th> </tr> </thead> <tbody> <tr> <td>400</td> <td>339</td> <td>333</td> <td>343</td> </tr> </tbody> </table> <p>The water requirement for gardening is met through treated sewage which is 230 KL/day.</p> <p>No ground water is used at Saraswati Township. The water requirement for the Township is met through Narmada water as mentioned in the compliance of condition above.</p> <p>Water meters are installed and the record is maintained.</p> <p>Complied.</p>	Fresh Water Consumption (KLD)				Prescribed Limit	Avg	Min	Max	400	339	333	343
Fresh Water Consumption (KLD)														
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32	<p>Sewage generation during operation phase shall be 350.0 KL/day and it shall be treated in a proposed onsite Sewage Treatment Plant</p>	<p>The average sewage generation for the period Apr'23 – Sep'23 is 230 KLD which is not exceeding the permissible limit of 350 KLD.</p> <p>The summary of sewage generation during reporting period of Apr'23 – Sep'23 is presented as below:</p> <table border="1" data-bbox="810 409 1437 568"> <thead> <tr> <th colspan="4">Sewage Generation (KLD)</th> </tr> <tr> <th>Prescribed Limit</th> <th>Avg</th> <th>Min</th> <th>Max</th> </tr> </thead> <tbody> <tr> <td>350</td> <td>230</td> <td>217</td> <td>238</td> </tr> </tbody> </table> <p>The sewage is treated in Sewage Treatment Plant. The quality of the treated sewage is monitored regularly by MoEF&CC recognised & NABL accredited laboratory M/s Netel (India) Limited, Navi Mumbai, and the results conforms to the prescribed standards.</p> <p>MoEF&CC recognition letter and NABL certificate of M/s Netel (India) Limited is enclosed as Annexure I.</p> <p>The summary of analysis report of treated sewage from STP during reporting period of Apr'23 – Sep'23 is presented as below:</p> <table border="1" data-bbox="815 1028 1433 1386"> <thead> <tr> <th>Parameter</th> <th>GPCB LIMITS</th> <th>Avg</th> <th>Min</th> <th>Max</th> </tr> </thead> <tbody> <tr> <td>pH</td> <td>6.5 – 9.0</td> <td>7.6</td> <td>7.8</td> <td>7.7</td> </tr> <tr> <td>Suspended Solids</td> <td>< 30 mg/l</td> <td>14.0</td> <td>18.0</td> <td>15.8</td> </tr> <tr> <td>BOD</td> <td>< 20 mg/l</td> <td>10.0</td> <td>12.0</td> <td>11.2</td> </tr> <tr> <td>Residual Chlorine</td> <td>Min. 0.5 ppm</td> <td>0.6</td> <td>0.8</td> <td>0.7</td> </tr> <tr> <td>Fecal Coliform</td> <td>< 1000 (MPN/100, ml)</td> <td colspan="3" style="text-align: center;"><2</td> </tr> </tbody> </table> <p>From above results, it can be seen that the STP is operating regularly and efficiently and all the results are complying with the GPCB norms.</p> <p>Detailed treated effluent monitoring report is enclosed as Annexure IV.</p> <p>Complied.</p>	Sewage Generation (KLD)				Prescribed Limit	Avg	Min	Max	350	230	217	238	Parameter	GPCB LIMITS	Avg	Min	Max	pH	6.5 – 9.0	7.6	7.8	7.7	Suspended Solids	< 30 mg/l	14.0	18.0	15.8	BOD	< 20 mg/l	10.0	12.0	11.2	Residual Chlorine	Min. 0.5 ppm	0.6	0.8	0.7	Fecal Coliform	< 1000 (MPN/100, ml)	<2		
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33	<p>The unit shall install and efficiently operate STP of adequate capacity for treating the entire quantity of sewage to be generated during operation phase to achieve the GPCB norms at the STP outlet. 230.0 KL/day of treated sewage conforming to GPCB norms shall be utilized for gardening purpose. Only remaining quantity of treated sewage shall be disposed off through drainage line of GIDC Dahej.</p>	<p>RIL has installed Sewage Treatment Plant of adequate capacity in township and efficient operation is ensured for treatment of entire quantity of sewage generated achieving the prescribed GPCB norms at STP outlet.</p> <p>230 KL/day of treated sewage conforming to GPCB norms are utilized for gardening purpose and only remaining excess quantity of treated sewage is discharged to drainage line of GIDC Dahej during the reporting period.</p>																																										

		Complied.																							
34	A proper logbook of STP operation and also showing the quantity of treated sewage utilization shall be maintained and furnished to the GPCB from time to time.	A proper logbook of STP operation with record of sewage generated & utilized in plantation / gardening are properly maintained and the record is furnished to GPCB from time to time whenever required. Complied.																							
35	Low water consuming devices shall be provided Fixtures for showers, toilet flushing and drinking shall be of low flow either by use of aerators/ diffusers or pressure reducing devices etc.	Low water consuming devices are provided such as fixtures for showers, toilet flushing and for drinking. Complied.																							
36	No bore well shall be constructed and existing bore wells if any shall be either sealed or converted into the recharge well.	No bore well is constructed for township. Complied.																							
37	Rain water harvesting from rooftop and paved areas and ground water recharge through bore holes shall be carried out and before recharging the runoff pre-treatment must be done to remove suspended matter.	Rain water harvesting is being done. Complied.																							
A.3.2	Air:																								
38	DG Sets if any provided in future as backup power shall be of enclosed type and conform to prescribed standards under the EPA rules. Necessary acoustic enclosures shall be provided at diesel generator set to mitigate the impact of noise.	Two DG sets are installed to cater emergency power to Saraswati Township during any interruption in power supply or any maintenance work. Acoustic enclosure provided to mitigate the impact of noise generation. Emergency DG sets have conformance labelling containing Type Approval Certificate number as per the Environment (Protection) Rules, 1986. The summary of Workplace Noise Level monitoring reports for the period Apr'23 – Sep'23 is presented below : <table border="1" data-bbox="810 1317 1423 1666"> <thead> <tr> <th rowspan="2">Plants</th> <th colspan="3">Workplace Noise Levels in dB(A)</th> </tr> <tr> <th colspan="3">Permissible Limit 85 dB(A)</th> </tr> <tr> <th></th> <th>Avg</th> <th>Min</th> <th>Max</th> </tr> </thead> <tbody> <tr> <td>Pumping Station - STP</td> <td>68.55</td> <td>66.5</td> <td>71.5</td> </tr> <tr> <td>Near DG Set - LT Substation</td> <td>52.5</td> <td>49.4</td> <td>55.7</td> </tr> <tr> <td>Pumping Station - WTP</td> <td>62.35</td> <td>56.4</td> <td>81.7</td> </tr> </tbody> </table> It can be seen from the above results that the noise level at DG sets is well within the prescribed limit of 85 dB(A). The detailed noise monitoring report for the period Apr'23 – Sep'23 is enclosed as Annexure V . Complied.	Plants	Workplace Noise Levels in dB(A)			Permissible Limit 85 dB(A)				Avg	Min	Max	Pumping Station - STP	68.55	66.5	71.5	Near DG Set - LT Substation	52.5	49.4	55.7	Pumping Station - WTP	62.35	56.4	81.7
Plants	Workplace Noise Levels in dB(A)																								
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39	The stack height of the DG Sets shall be equal to the height needed for the combined capacity of all proposed DG Sets.	DG Sets of adequate stack height of 30 & 11 meters is provided.																							

		Complied.
40	The gaseous emissions from the DG Sets shall conform to the standards prescribed by GPCB. At no time the emission levels shall go beyond the stipulated standards	Two DG sets are installed to cater only emergency power to Saraswati Township during any interruption in power supply or any maintenance work. As DG Sets are used only as backup power supply for township. These DG Sets runs for very short duration during the testing period. Therefore, emission monitoring is not been carried out. Complied.
A.3.3	Solid Waste	
41	The solid waste generated shall be properly collected and segregated at source. The recyclable material shall be sold to vendors and other garbage shall be disposed off properly as per the provisions made by the concerned local authority.	The solid waste generated are properly collected and segregated at source. The recyclable material are sold to vendors and other garbage are disposed off properly as per defined mode of disposal. The degradable waste is sent to Anaerobic digester / Bio gas plant for disposal. Complied.
42	Used oil/ waste oil, if any generated shall be sold only to the registered recycler.	Used oil whenever generated, is transferred to RIL, Dahej Manufacturing Division for disposal by selling to registered reproprocessors / recyclers / internal recycle. Complied.
43	The project must strictly comply with the rules and regulations with regards to handling and disposal of Hazardous waste in accordance with the Hazardous Waste (Management, Handling and Transboundary) Rules 2008. Authorization from the GPCB must be obtained for collection/ treatment/storage /disposal of hazardous wastes	RIL is complying with the rules and regulations with regards to handling and disposal of Hazardous waste in accordance with the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and its amendments thereof. Hazardous waste Authorization has been obtained from GPCB for collection / treatment / storage / disposal of hazardous wastes. The authorization obtained from GPCB under these rules vide Authorization Order No. AWH-98680 dated 10.01.2019, valid upto 18.12.2023. Complied.
A.3.4	Safety:	
44	The requirements for fire and life safety shall be fulfilled in the project as per the National Building Code of India so as to minimize danger to life and property from fire.	The requirements for fire and life safety are fulfilled in the project as per the National Building Code of India so as to minimize danger to life and property from fire. Adequate passage and access (more than 6 meter of road width) are provided for the movement of fire tenders around the building blocks. Complied.
45	First Aid Box shall be made readily available in adequate quantity at all the times.	First Aid box is made readily available at Dhirubhai Family Welfare Centre, canteen and club in adequate quantity at all the times inside Saraswati Township.

		Complied.
46	Main entry and exit shall be separate and clearly marked	Main Entry and Exit are separate and clearly marked. Complied.
47	The project management shall prepare a detailed disaster Management Plan (DMP) for the operational phase of the project.	A comprehensive Disaster Management Plan (DMP) has been prepared for the project. Complied.
48	Fire water storage tanks of adequate capacity shall be provided as proposed. Adequate provision shall be made to ensure that water from the Fire Water Tank shall not be used for any other purpose	Fire water storage tanks and landing valves of adequate capacity are provided as per NBC norms. Water from fire water tank and hydrant are not used for any other purpose other than firefighting or fire drills. Complied.
49	Compulsory Training to the housing committee members for the first aid and firefighting along With regular mock drill shall be made an integral part of the disaster management plan of the project.	Compulsory training sessions are conducted for the housing committee members on Fire Fighting and first aid. Regular mock drills are also conducted in township and made an integral part of the disaster management plan to check the effectiveness of emergency response system. Records of the same is properly maintained. Complied.
50	Necessary emergency lighting system along with emergency power back up system shall be provided. In addition emergency public address system arrangement and signage for emergency exit route shall be provided on each floor. Further necessary auto glow signage at all appropriate places shall be provided to guide the people towards exits and assembly points during power failure & emergency.	Emergency lighting system are available and DG Sets are installed as power backup to be used in emergency situations or during interruption in power supply. Emergency Public Address System (Emergency Siren) is available at Security main gate. Emergency Signage's and auto glow signage's at all appropriate places are provided to guide the people to assembly points. Complied.
51	The planning design and construction of all buildings shall be such as to ensure safety from fire.	The planning design and construction of all buildings are such as to ensure safety from fire This scope has been included in the engineering design. Complied.
52	Requisite firefighting facilities shall be provided as per the requirements of the NBC and local by-laws whichever is stringent.	Requisite firefighting facilities are designed and installed as per the requirements of the NBC norms. Complied.
53	Adequate number of staircases and lifts shall open out at ground level for emergency evacuation.	Adequate number of staircases and lifts are available to open out at ground level for emergency evacuation. Complied.
54	Sufficient peripheral open passage shall be kept in the margin area for free movement of fire tender/emergency vehicle around the premises.	Sufficient peripheral open passage and access are kept in the margin area for free movement of fire tender / emergency vehicle around the premises. Complied.
A.3.5	Noise	

55	The acoustic enclosures shall be installed at all noise generating equipment's to mitigate the impact of noise.	The acoustic enclosures are installed at all noise generating equipment's to mitigate the impact of noise. Complied.																																																
56	The overall noise level in and around the project area shall be kept well within the prescribed standards by providing noise control measures including acoustic insulation, hoods, Silencers, enclosures Vibration dampers etc. on all sources of noise generation. The ambient noise levels shall confirm to the standards prescribed under the Environment (Protection) Act and Rules.	<p>The overall noise level in and around the project area is kept well within the prescribed standards. Noise control measures including acoustic insulation, hoods, Silencers, enclosures etc. on all sources of noise generation are also provided. The ambient noise level monitoring is carried out on monthly basis in township area at 5 locations during day time and night time. The summary of the ambient noise levels for Apr'23 – Sep'23 is presented below.</p> <table border="1"> <thead> <tr> <th rowspan="2">Monitoring Location</th> <th colspan="3">Day Time Limit : 55 dB(A)</th> <th colspan="3">Night Time Limit : 45 dB(A)</th> </tr> <tr> <th>Avg</th> <th>Min</th> <th>Max</th> <th>Avg</th> <th>Min</th> <th>Max</th> </tr> </thead> <tbody> <tr> <td>Main Gate</td> <td>52.2</td> <td>50.7</td> <td>53.8</td> <td>42.8</td> <td>41.8</td> <td>43.6</td> </tr> <tr> <td>Near Food Court</td> <td>52.2</td> <td>51.1</td> <td>53.5</td> <td>40.5</td> <td>39.2</td> <td>41.3</td> </tr> <tr> <td>Behind C5 Tower (Near Temple)</td> <td>53.7</td> <td>52.7</td> <td>54.8</td> <td>42.5</td> <td>41.7</td> <td>43.3</td> </tr> <tr> <td>Near old STP</td> <td>50.7</td> <td>49.7</td> <td>51.6</td> <td>41.0</td> <td>40.2</td> <td>41.9</td> </tr> <tr> <td>Near Estate office / School</td> <td>51.9</td> <td>51.3</td> <td>52.6</td> <td>42.7</td> <td>41.7</td> <td>43.7</td> </tr> </tbody> </table> <p>The above results indicate that the ambient noise levels during the reporting period Apr'23 – Sep'23 has not exceeded the prescribed limit.</p> <p>Detailed noise monitoring report is attached as Annexure III.</p> <p>Complied.</p>	Monitoring Location	Day Time Limit : 55 dB(A)			Night Time Limit : 45 dB(A)			Avg	Min	Max	Avg	Min	Max	Main Gate	52.2	50.7	53.8	42.8	41.8	43.6	Near Food Court	52.2	51.1	53.5	40.5	39.2	41.3	Behind C5 Tower (Near Temple)	53.7	52.7	54.8	42.5	41.7	43.3	Near old STP	50.7	49.7	51.6	41.0	40.2	41.9	Near Estate office / School	51.9	51.3	52.6	42.7	41.7	43.7
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A.3.6	Parking/Traffic Congestion:																																																	
57	Minimum parking area of 18,654.48 m ² shall be provided as proposed.	More than 18,654.48 m ² area is provided for parking. Complied.																																																
58	The area earmarked for the parking shall be used for parking only. No other activity shall be permitted in this area.	The area earmarked for the parking is used for parking purpose only and no other activity is carried in parking area. Complied.																																																
59	Traffic congestion near the entry and exit points from the roads adjoining the proposed project site shall be avoided.	The project area is within the existing site. Security & Traffic controller is positioned at entry gate to control traffic congestion. Complied.																																																
60	No public space including the service road shall be used or blocked for the parking.	No public space including the service road is used or blocked for the parking. Complied.																																																
A3.7	Energy Conservation																																																	
61	Various energy conservation measures viz installation of CFLs/TFLs for lighting the areas outside the buildings, LED street	Various energy conservation measures are implemented such as Installation of CFLs / TFLs for lighting, LED street lights, Solar water heating																																																

	lights, use of solar water heating system. Maximum use of natural light & air through architectural design, solar traffic signals etc. shall be Implemented as proposed.	system, solar traffic signals. Maximum use of natural light & air through architectural design is implemented. Complied.
62	The project proponent shall Install the electric utilities/devises which are energy efficient and meeting with the Bureau of Energy Efficiency norms wherever applicable. Energy Conservation Building Code [ECBC] norms shall be Implemented in the project.	RIL has installed energy efficient electric utilities and devices which are meeting with the Bureau of Energy Efficiency norms wherever applicable. Energy Conservation Building Code [ECBC] norms are also Implemented in the project wherever feasible. Complied.
63	Use of glass shall be minimal to reduce load on air conditioning and electricity consumption and to reduce the heat island effect.	Use of glass is kept minimal to reduce load on air conditioning and electricity consumption and to reduce the heat island effect. Complied.
64	The transformers and motors shall have minimum efficiency of 85 %	The transformers and motors having efficiency higher than 85 % are selected at design stage itself. Complied.
65	The project proponent shall go for the maximum application of solar energy. Solar street lights shall be Incorporated in the project for illumination of streets.	RIL has gone for the maximum application of solar energy wherever possible. Solar water heaters and solar street lights are installed for illumination of streets. Complied
A 3.8 Green Belt		
66	The open spaces inside the plot shall be suitably landscaped and covered with vegetation of indigenous tree species/variety.	The open spaces inside the plot are landscaped and covered with vegetation of indigenous tree species / variety. Adequate plantation all along the periphery and also within the Township premises is maintained. Complied.
67	The area earmarked as green area shall be used only for greenbelt and shall not be altered for any other purpose	The area earmarked as green area are used only for greenbelt and does not altered for any other purpose. Around 10 ha of green cover is developed at Saraswati Township. Complied.
68	Drip irrigation/low-volume low-angle sprinkler system shall be used for the lawns and other green area including tree plantation.	Drip irrigation / low-volume low-angle sprinkler system are used for the lawns and other green area including tree plantation. Complied.
B. Other Conditions		
69	All the statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Airports Authority of India etc. Shall be obtained by the project proponent from the competent authorities.	All the statutory clearances are obtained from statutory authorities. Complied.

70	The project proponent shall strictly comply With the Gujarat building and other Construction Workers Act & Rules as well as Gujarat Lifts & Escalators Rules.	RIL has strictly complying with the Gujarat building and other Construction Workers Act & Rules as well as Gujarat Lifts & Escalators Rules. Complied.
71	The project proponent shall ensure maximum employment to the local people.	RIL has ensured to provide maximum employment to the local people by giving preference to competent people from nearby society during construction / operational phase of the township. Complied.
72	The project management shall also comply with all the environment protection measures, risk mitigation measures and safeguards proposed by them.	RIL is complying with all the environment protection measures, risk mitigation measures and safeguards mentioned in the EIA report. Complied.
73	The project proponent shall also comply with any additional condition that may be imposed by the SEAC or the SEIAA or any other competent authority for the purpose of the environmental protection and management.	No additional condition has been imposed by the SEAC or SEIAA, for this EC during review period Apr'23 – Sep'23.
74	No further expansion or modifications in the project likely to cause environmental impacts shall be earned out without obtaining prior Environment Clearance from the concerned authority.	Expansion or Modification of the Saraswati Township has been carried out after obtaining the required Environmental Clearance (EC) under the EIA Notification, 2006. Complied.
75	The above conditions will be enforced inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act 1974, Air (Prevention & Control of Pollution) Act 1981, the Environment (Protection) Act 1986, and Hazardous Wastes (Management Handling and Trans boundary) Rules 2008 along with their amendments and rules.	Noted.
76	The project authorities shall earmark adequate funds to implement the conditions stipulated by SEIAA as well as GPCB along with the implementation schedule for all the conditions stipulated herein. The funds so provided shall not be diverted for any other purpose.	RIL has earmarked adequate fund for implementing the conditions stipulated by SEIAA as well as GPCB. The funds provided are not diverted for any other purpose. Complied
77	The applicant shall inform the public that the project has been accorded environmental clearance by the SEIAA and that the copies of the clearance letter are available with the GPCB and may also be seen at the Website of SEIAA / SEAC / GPCB. This shall be advertised within seven days from the date of the clearance letter in at least two local newspapers that are widely Circulated in the region. One of which shall be in the Gujarati language and the other in English. A copy each of the same shall be forwarded to the concerned Regional Office of the Ministry.	Complied.
78	It shall be mandatory for the project management to submit half-yearly compliance report in respect of the stipulated prior environmental clearance	Six monthly compliance report is submitted to MoEF&CC Bhopal regularly.

	terms and conditions in hard and soft copies to the regulatory authority concerned on 1st June and 1st December of each calendar year.	Last Compliance report was submitted vide our letter no. RIL-DMD/HSEF/ENV/2023/27 dated 31 st May, 2023 to SEIAA and Gujarat Pollution Control Board and vide letter no. RIL-DMD/HSEF/ENV/2023/25 dated 31 st May, 2023 to Integrated Regional office of MoEF&CC. Complied.
79	The project authorities shall also adhere to the stipulations made by the Gujarat Pollution Control Board.	All the stipulations laid down by GPCB under Consolidated Consent & Authorisation (CCA) Order No. AWH-98680 dated 10.01.2019, valid up to 18.12.2023 is complied with.
80	The project authorities shall inform the GPCB Regional Office of MoEF and SEIAA about the date of financial closure and final approval of the project by the concerned authorities and the date of start of the project.	Noted. Informed to GPCB for the date of start of the project.
81	The SEIAA may revoke or suspend the clearance if implementation of any of the above conditions is not found satisfactory.	This condition is not applicable to us.
82	The company in a time bound manner shall Implement these conditions. The SEIAA reserves the right to stipulate additional conditions if the same is found necessary.	Noted.
83	This Environment Clearance is valid for five years from the date of issue.	Noted.
84	Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under section 16 of the National Green Tribunal Act, 2010.	Noted.

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. 3404]

नई दिल्ली, शुक्रवार, अक्तूबर 18, 2019/आश्विन 26, 1941

No. 3404]

NEW DELHI, FRIDAY, OCTOBER 18, 2019/ASVINA 26, 1941

पर्यावरण, वन और जलवायु परिवर्तन मंत्रालय

अधिसूचना

नई दिल्ली, 17 अक्तूबर, 2019

का.आ. 3744(अ).—केन्द्रीय सरकार, पर्यावरण (संरक्षण) नियम, 1986 के नियम 10 के साथ पठित पर्यावरण (संरक्षण) अधिनियम, 1986 की धारा 12 की उपधारा (1) के खंड (ख) और धारा 13 द्वारा प्रदत्त शक्तियों का प्रयोग करते हुए भारत सरकार के तत्कालीन पर्यावरण और वन मंत्रालय की अधिसूचना संख्यांक का.आ.1174(अ) तारीख 18 जुलाई, 2007 से निम्नलिखित और संशोधन करती है, अर्थात् :—

उक्त अधिसूचना की सारणी में-

- (i) क्रम संख्यांक 3, 6, 27, 32, 33, 35, 37, 44, 49, 50, 58, 65, 66, 97, 98, 105, 107, 108, 110 और 112 के स्थान पर निम्नलिखित क्रम संख्यांकों और प्रविष्टियाँ रखी जाएंगी, अर्थात् :-

(1)	(2)	(3)	(4)
"37"	मै. नीरेल (इंडिया) लिमिटेड, इन्फ्यू-408, राबेल एमआईसीसी, टीटीसी इंडस्ट्रियल एरिया, नवी सुबई-400701-महाराष्ट्र।	(i) श्रीमती श्रद्धा श्रीराम केरे (ii) सुश्री नीलिमा धोंडूराम दालवी (iii) सुश्री सुरेखा नीताराम जामदार	17 अक्तूबर, 2019 से 16 अक्तूबर, 2024"

[फा. सं. न्यू. 15018/21/2017-सीपीडब्ल्यू]

जियमेट टकपा, संयुक्त सचिव

टिप्पण : मूल अधिसूचना भारत के राजपत्र, असाधारण, का.आ.1174(अ), तारीख 18 जुलाई 2007 द्वारा प्रकाशित की गई थी और अधिसूचना सं.का.आ. 5768(अ), तारीख 15 नवंबर, 2018 द्वारा अंतिम संशोधन किया गया।

MINISTRY OF ENVIRONMENT, FOREST AND CLIMATE CHANGE

NOTIFICATION

New Delhi, the 17th October, 2019 .

S.O. 3744(E).—In exercise of the powers conferred by clause (b) of sub-section (1) of section 12 and section 13 of the Environment (Protection) Act, 1986 (29 of 1986), read with rule 10 of the Environment (Protection) Rules, 1986, the Central Government hereby makes the following further amendments in the notification of the Government of India in the erstwhile Ministry of Environment and Forests, *vide* number S.O. 1174(E), dated the 18th July, 2007, namely: -

in the said notification, in the table, -

- (i) for serial numbers 3, 6, 27, 32, 33, 35, 37, 44, 49, 50, 55, 58, 65, 66, 97, 98, 105, 107, 108, 110 and 112 the entries relating thereto, the following serial numbers and entries shall be substituted, namely: -

(1)	(2)	(3)	(4)
"37	M/s Netel (India) Limited. W-408, Rabale MIDC, TTC Industrial Area, Navi Mumabi-400701, Maharashtra	(i) Mrs. Shradha Sriram Kere (ii) Ms. Neelima Dhonduram Dalvi (iii) Ms. Surekha Sitaram Jamdar	17 th October, 2019 To 16 th October, 2024"

[F. No. ● 15018/21/2017-CPW]

JIGMET TAKPA, Jt. Secy.

Note : The principal notification was published in the Gazette of India, Extraordinary, *vide* number S.O. 1174(E), dated the 18th July, 2007 and was last amended by notification No. S.O. 5768(E), dated the 15th November, 2018.



National Accreditation Board for
Testing and Calibration Laboratories

CERTIFICATE OF ACCREDITATION

NETEL (INDIA) LTD.

has been assessed and accredited in accordance with the standard

ISO/IEC 17025:2017

**"General Requirements for the Competence of Testing &
Calibration Laboratories"**

for its facilities at

W-408, TTC INDUSTRIAL AREA, RABALE MIDC, NAVI MUMBAI, MAHARASHTRA, INDIA

in the field of

TESTING

Certificate Number: TC-6709

Issue Date: 17/06/2022

Valid Until: 16/06/2024

This certificate remains valid for the Scope of Accreditation as specified in the annexure subject to continued satisfactory compliance to the above standard & the relevant requirements of NABL.

(To see the scope of accreditation of this laboratory, you may also visit NABL website www.nabl-india.org)

Name of Legal Entity : NETEL (INDIA) LTD.

Signed for and on behalf of NABL



N. Venkateswaran
Chief Executive Officer

Annexure IV

Treated Sewage Quality Monitoring Report

(April 2023 – September 2023)

Sr. No.	Parameter	Unit	GPCB Norms	RESULTS								
				APR'23	MAY'23	JUN'23	JUL'23	AUG'23	SEP'23	Min	Max	Avg
1	pH	-	6.5 – 9.0	7.86	7.72	7.7	7.75	7.62	7.71	7.6	7.8	7.7
2	Suspended Solids	mg/l	< 30 mg/l	16	18	16	17	14	16	14.0	18.0	15.8
3	BOD	mg/l	< 20 mg/l	11	12	11	12	10	12	10.0	12.0	11.2
4	Residual Chlorine	ppm	Min. 0.5 ppm	0.6	0.8	0.6	0.6	0.7	0.8	0.6	0.8	0.7
5	Fecal Coliform	MPN/100ml	< 1000	<2	<2	<2	<2	<2	<2	<2		

Annexure III

**Ambient Noise Level Monitoring Report
(April 2023 – September 2023)**

Month	Monitoring Location									
	Main Gate		Near Food Court		Behind C5 Tower (Near Temple)		Near old STP		Near Estate Office / School	
	Day Time	Night Time	Day Time	Night Time	Day Time	Night Time	Day Time	Night Time	Day Time	Night Time
	Ambient Noise Levels in dB(A)									
Apr-23	53.8	42.9	52.4	41.3	52.7	42.3	51.4	41.9	51.9	42.4
May-23	52.7	41.8	51.1	40.1	53.6	41.7	50.6	40.2	51.3	41.7
Jun-23	51.9	42.5	52.1	39.2	54.5	43.3	49.7	41.1	52.6	43.4
Jul-23	52.4	43.1	53.5	40.2	54.8	42.9	50.1	41.8	51.5	43.7
Aug-23	51.8	43.6	52.6	41.1	53.7	42.6	51	40.3	52.3	42.6
Sep-23	50.7	42.9	51.3	41.3	52.8	42	51.6	40.8	52.0	42.1
Limit	55	45	55	45	55	45	55	45	55	45
Min	50.7	41.8	51.1	39.2	52.7	41.7	49.7	40.2	51.3	41.7
Max	53.8	43.6	53.5	41.3	54.8	43.3	51.6	41.9	52.6	43.7
Avg	52.2	42.8	52.2	40.5	53.7	42.5	50.7	41.0	51.9	42.7

Annexure IV

Treated Sewage Quality Monitoring Report

(October 2022 – March 2023)

Sr. No.	Parameter	Unit	GPCB Norms	RESULTS								
				OCT'22	NOV'22	DEC'22	JAN'23	FEB'23	MAR'23	Min	Max	Avg
1	pH	-	6.5 – 9.0	7.65	7.58	7.64	7.82	7.79	7.71	7.4	7.9	7.5
2	Suspended Solids	mg/l	< 30 mg/l	15	16	15	17	16	14	12.0	16.0	13.3
3	BOD	mg/l	< 20 mg/l	12	13	11	13	10	9	7.0	10.0	8.7
4	Residual Chlorine	ppm	Min. 0.5 ppm	0.6	0.8	0.6	0.7	0.6	0.7	0.6	0.8	0.7
5	Fecal Coliform	MPN/100ml	< 1000	<2	<2	<2	<2	<2	<2	<2		

Annexure V**Workplace Noise Level Monitoring Report
(April 2023 – September 2023)**

Locations	APR'23	MAY'23	JUN'23	JUL'23	AUG'23	SEP'23	Avg	Min	Max
	Unit : dB(A)						Unit : dB(A)		
Pumping Station - STP	71.5	69.3	68.4	68.1	67.5	66.5	68.6	66.5	71.5
Near DG Set - LT Substation	49.4	50.3	51.7	53.8	54.1	55.7	52.5	49.4	55.7
Pumping Station - WTP	81.7	60.5	59.8	58.2	57.5	56.4	62.4	56.4	81.7