ANDHRA PRADESH POLLUTION CONTROL BOARD
D.No.33-26-14, D/2, Near Sunrise Hospital, Pushpa Hotel Centre,
Chalamalavari street, Kasturibaipeet, Vijayawada – 520 010

Regd. Post with Ack Due

Order No.360/APPCCB/UH-II/TF/VJA/2018- 19.46

Date:28.02.2019

DIRECTIONS

Sub: APPCB – UH-II - TF - M/s V.S.N Laboratories Pvt. Ltd., Plot No.29 & 30, Tirumalagiri (V), Jaggaiahpet (M), Krishna District – Compliant received against the industry – Discharging effluents outside the premises causing Ground water pollution – Legal hearing held on 30.01.2019 - Directions - Issued - Reg.

4. Complaint from Sri. G. Durga Prasad, Tirumalagiri (V), Jaggyayapet (M), Krishna District against bulk drug industries located at IDA, Tirumalagiri (V), Jaggyaypet (M), Krishna District casuing ground water pollution.
5. Complaint received from Sri Juneboyina Arjuna Rao, Shermahamadpta Village regarding water pollution caused by bulk drug industries loacaedat IDA, Tirumalagiri (V), Jaggaiahpet (M), Krishna District on 12.11.2018.
7. Minutes of External Advisory Committee (Task Force) meeting held on 30.01.2019.

WHEREAS you are operating industry in the name & style of M/s. V.S.N Laboratories Private Ltd. is located at R.S.No.29 & 30, Industrial Park, Tirumalagiri (V), Jaggaiahpet (M), Krishna District and manufacture Bulk Drugs & intermediates – 433.33 Kgs/day.

WHEREAS the Board vide reference 1st cited, has issued CFO to the industry on 02.09.2016 for a period upto 30.11.2021 to manufacturing of Bulk Drugs & Intermediates-433.33 Kg/day subject to the compliance of standards and conditions stipulated therein.

WHEREAS adverse news items appeared in “Eenadu” with caption of “Rasayana Vyadhala” dt. 03-12-2017 & “Garalaganga…theeradhe benga” dt. 22-01-2018 reported that due to discharge of industrial waste water causing ground water pollution at industrial estate, Jaggaiahpet vide reference 2nd cited.

WHEREAS vide reference 3rd cited, the Board has reviewed the status of pollution control measures taken by the industry before External Advisory Committee (Task Force) Meeting held on 27.02.2018 and issued direction to the industry on 08.03.2018.

WHEREAS vide references 4th cited, the RO, Vijayawada received a complaint from Sri. G. Durga Prasad representative of M/s. Amaravathi Polymers, Plot No.46, IDA, Tirumalagiri (V), Jaggyayapet (M), Krishna District against ground water pollution caused by bulk drug industries located at IDA, Tirumalagiri (V), Jaggyaypet (M), Krishna District.

WHEREAS vide reference 5th cited the RO, Vijayawada received another complaint from Sri Juneboyina Arjuna Rao, Shermahamadpta Village regarding water pollution caused by bulk drug industries locaedat IDA, Tirumalagiri (V), Jaggaiahpet (M), Krishna District on 12.11.2018.

WHEREAS vide references 6th cited, the RO, Vijayawada inspected the industry and its surroundings on 28.09.2018 and 29.09.2018 and reported as follows:

i. During inspection the industry was in operation.

ii. The industry has not segregating the LTDS and HTDS effluents. The industry has not provided biological ETP and RO plant to treat the LTDS effluents and not complied with the CFE /CFO order conditions.

iii. Earlier, the pollution control status of the industry was reviewed in the External Advisory committee(EAC) (Task Force) meeting held on 27.02.2018 at Board office as adverse
news items appeared in Eenadu with reference to due to discharge of industrial waste water causing ground water at Industrial Estate, Jaggaiahpet. As per the recommendations of the EAC meeting, the Board issued direction on 08.03.2018 that the industry shall stop all industrial operations till the completion of the upgradation of pollution control systems / implementation of required pollution control measures as per commitment submitted by the industry vide letter dt. 06.03.2018 along with other directions.

iv. Subsequently, the industry made a representation to the Board to issue permission to send the effluent to CETP, Ramky Pharma Visakhapatnam for a period of 3 months as they are proposed to take up repair works in the MEE. Accordingly, the Board issued temporary permission to the industry duty stipulating a condition that the including the industry is permitted to transport effluents to CEPT, Parawada, Pharmacity temporarily for 3 months or till restart of MEE whichever is earlier vide order dt. 28.05.2018. The industry again made a representation to the Board with a request for further extension of permission for sending the effluent to Ramky CETP, Parawada, Visakhapatnam for a period of another six months as the MEE of the industry is still under maintenance works. The Board issued extension of temporary permission to transport the effluents to CETP, Ramky Pharmacity (India ) Ltd., Parawada, Visakhapatnam District for six months or till restart of MEE whichever is earlier which is valid up to 23.02.2019 vide order dt. 23.08.2018.

v. During inspection, the industry is in operation and the Stripper, MEE, ATFD were not in operation as the industry has not rectified the problems in the MEE. The industry is sending HTDS effluents to CETP, Ramky Pharmacity (India ) Ltd., Parawada, Visakhapatnam District. At about 20KL mixed effluents was stored in the HDPE tanks.

vi. The details of effluent sent to CETP, Parawada from June, 2018 to September, 2018 is as follows:

<table>
<thead>
<tr>
<th>Sl.No.</th>
<th>Month</th>
<th>Quantity of HTDS effluent sent to CETP, Parawada</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>June,18</td>
<td>162KL</td>
</tr>
<tr>
<td>2</td>
<td>July,18</td>
<td>130KL</td>
</tr>
<tr>
<td>3</td>
<td>August,18</td>
<td>174KL</td>
</tr>
<tr>
<td>4</td>
<td>September,18</td>
<td>164KL</td>
</tr>
<tr>
<td>Total</td>
<td></td>
<td>630KL</td>
</tr>
</tbody>
</table>

vii. The Industry has not provided flow meter with totalizer facility at inlet of MEE only. The industry has not provided flow meter with totalizer facility at inlet and outlet of Stripper, out of MEE. The industry has not provided flow meter with totalizer facility for water consumption.

viii. The industry has provided double stage scrubber attached to GLRs at “B Block” and not provided online pH meter with data logger at scrubber. It was observed that the industry has not provided permanent pipe line for sending the waste water from scrubber to effluent collection tanks, indicating that the industry is not properly operating the scrubber. The industry has not provided double stage scrubber at “A Block”.

ix. The industry has stored drums containing chemicals/solvents in an open area on bare ground, which may cause ground water contamination and violating the CFO order condition.

x. The industry has provided VOC meter and during the inspection 1PPM value was recorded in the VOC meter and the industry has not provided online facility with data logger to the VOC meter and not linked with APPCB website.

xi. There is no vacant place available with the industry to develop 33% green belt of total project area.

xii. The industry has not provided solvent recovery unit for recovery of solvents, it was observed that at about 200barrels with spent solvents were stored in the industry premises.

xiii. Earlier, the industry has 3 (three) bore wells and now the 3 (three) bore wells are defunct and the industry drawing water from outside the industry premises. The industry tapped
one bore well with concrete and still 2 (two) bore wells are existing with open top and there is every chance of discharge of effluents into this bore well.

xiv. The representative of the industry who accompanied informed that they have taken 0.5 Acre of land on lease basis opposite to the industry premises for storage of hazardous waste and used barrels. During the inspection, it was observed that at about 40 barrels of organic residue were stored in the leased land on bare ground without providing any concrete platform with spillage collection pit and dyke wall and at about 20 Tons of hazardous waste stored in a closed shed which is supposed to send TSDF.

xv. During inspection, waste water samples collected within the industry premises i.e i) MEE feed, ii) MEE condensate, iii) MEE concentrate, iv) cooling tower waste water and bore well located within the industry premises. The bore well sample is observed to be contaminated and emitted effluent smell. Presently, the industry is not utilizing the bore well existing within the industry premises and drawing the water from outside the industry premises.

WHEREAS legal hearing was conducted before the External Advisory Committee (Task Force) of A.P. Pollution Control Board in its meeting held on 30.01.2019. The representatives of the industry attend the legal hearing. The Committee noted that the Board received a complaint from Sri. G. Durga Prasad, representative of M/s. Amaravathi Polymers, Plot No.46, IDA, and other residents of Tirumalagiri (V), Jaggaayapat (M), Krishna District against contamination of ground water and health hazards caused by bulk drug industries located at IDA, Tirumalagiri (V), Jaggaayapat (M), Krishna District. The complainants have attended the legal hearing and explained the non-compliances of Board directions by the bulk drug units located in IDA, Tirumalagiri, Jaggaiahpet, Krishna District. He also informed that the ground water nearby IDA has been polluted and not fit for utilization and requested the Board to take necessary action. The committee noted that the industry has not segregating the LTDS and HTDS effluents. The industry has not provided biological ETP followed by RO plant to treat the LTDS effluents and not complied with the CFE /CFO order conditions. The EE, RO, Vijayawada informed that the Stripper, MEE, ATFD were not in operation, not rectified the problems in the MEE as committed by the industry vide order dt.23.08.2018, not provided flow meter with totalizer facility for water consumption, inlet & outlet of MEE, not installed online pH meter with data logger at scrubber at Block A&B, not installed scrubber at Block-A, not provided online facility with data logger to the VOC meter and not linked with APPCB website. It was informed that about 200 no. of barrels of spent solvents were stored in the industry premises. It was informed that the industry has not disposed inorganic & organic residue to TSDF since January, 2016. The analysis reports of the water samples of abandoned borewell are indicating that the ground water is contaminated.

After detailed review the committee recommended to issue the directions. The Board is hereby issue the following directions under Sec.33 (A) of Water (Prevention and Control of Pollution) Amendment Act, 1988 and under Sec.31 (A) of Air (Prevention & Control of Pollution) Amendment Act, 1987:

1. The industry shall operate Multiple Effect Evaporation system continuously as committed by the management.
2. The industry shall segregate the LTDS and HTDS effluents.
3. The industry shall provide Biological ETP followed by RO plant to treat the LTDS effluents within one month.
4. The industry shall provide online pH meter along with data logger to the scrubber at production blocks A&B within one month.
5. The industry shall provide online facility with data logger to the VOC meter and linked with APPCB website within one month.
6. The industry shall maintain electromagnetic flow meters with totalizer facility for water consumption, effluent generated and disposed to quantify for different streams of effluents and different categories of waste usage.
7. The industry shall provide solvent recovery unit for recovery of solvents within one month.
8. The industry shall dispose off hazardous waste as per disposal operations mentioned in the consent order dt.13.01.2016 and maintain records for generation and disposal.
9. The industry shall obtain CFE/CFO to operate 4 TPH boiler within one month.
10. The industry shall develop, thick green belt all along the boundary of the industry to maintain 33% of total project area.
11. The industry shall immediately submit Bank Guarantee of Rs.4.0 Lakhs in favour of EE, RO, Vijayawada with a validity period of one year within 10 days towards the compliance of above directions.
12. The industry shall ensure continuous compliance of the conditions stipulated by the Board.

You are hereby directed to note that, should you violate any one of the directions mentioned above, action will be initiated under Sec.33 (A) of Water (Prevention & Control of Pollution) Amendment Act, 1988 and Sec.31(A) of Air (Prevention & Control of Pollution) Amendment Act, 1987 without any further notice, in the interest of Public Health and Environment.

This Order comes into effect from today i.e., 28.02.2019.

Sd/-
CHAIRMAN
APPCB

To
M/s V S N Laboratories Pvt Ltd.,
Plot No.29 & 30, Tirumalagiri (V),
Jaggayyapet (M), Krishna District.

Copy to:
1. The Joint Chief Environmental Engineer, Zonal Office, Vijayawada for information and necessary action.
2. The Joint Chief Environmental Engineer, Zonal Office, Visakhapatnam is directed to provide mobile VOC Analyzer (Mobile Van) to RO, Vijayawada to carryout monitoring for 24 hours at IDA, Tirumalagiri (V), Jaggayyapet (M), Krishna District.
3. The Environmental Engineer, Regional Office, Vijayawada for information and to directed to ensure all the abandoned bore wells located in IDA, Tirumalagiri, Krishna District shall be closed immediately and collect ground water samples from functional bore wells & effluent samples from the industry every month and conduct finger print analysis and submit detailed report to the JCEE, ZO, Vijayawada for further necessary action. The EE, RO, Vijayawada shall make necessary arrangements for mobile staff during monitoring.

//T.C.F.B.O.//

JOINT CHIEF ENVIRONMENTAL ENGINEER

(UH-II)