

HEAD OFFICE**UTTARAKHAND ENVIRONMENT PROTECTION &
POLLUTION CONTROL BOARD**

29/20, Nemi Road, Dalanwala, Dehradun (Uttarakhand)

Phone: (0135) 2658086; Fax: (0135) 2718092; E-mail: msukpcb@yahoo.com; Web: www.ueppcb.uk.gov.in



उत्तराखण्ड पर्यावरण संरक्षण एवं प्रदूषण नियंत्रण बोर्ड

29/20, नेमी रोड, डालनवाला, देहरादून (उत्तराखण्ड)

Ref: UEPPCB/HO/Gen-183/110(II)/2015/ 1428 Dehradun, December 21, 2015

Speed Post

To,

1. M/S Birahi Ganga Hydro Power Ltd, Birahi Chamoli, Birahi, Distt. Chamoli - 246472 (Uttarakhand)
2. M/S Him Urja Pvt. Ltd. Vanala Small Hydro Power project Ltd. Tefna, P.O. Tefna, Nanadpryag, Distt. Chamoli-246449 (Uttarakhand)
3. M/S Him Urja Pvt. Ltd. Rajwakti Small Hydro Power project, Tefna, P.O. Tefna Nanadpryag, Distt. Chamoli-246449 (Uttarakhand)
4. M/S Jaiprakash Power Ventures Limited, Vishnuprayag Hydro Electric project, Vishnupuram (Marwari), Joshimath, Distt. Chamoli-246443 (Uttarakhand)
5. M/S Jhala Koti Gunsola Power Pvt. Ltd, Billage Augunda, Tehsil Ghanshali, Distt. Tehri-249125 (Uttarakhand)
6. M/S L & T Uttaranchal Hydropower Limited, Kund& Bedubagar, Chandrapuri, Distt. Rudraprayag-246425 (Uttarakhand)
7. M/S Alaknanda Hydro Power Co. Ltd. Srinagar Hydroelectric Project, New Koteswar Colony, New Srinagar, Garhwal, P.O. Swit, Srinagar -246174 (Uttarakhand)
8. M/s Hanumanganga Extension-II Hydro Project, Unit of Regency Aquaelectro & Motelresort Ltd, Vill. Nishni Hanuman Chatti, Barkot, Distt. Uttarkashi-249141(Uttara)
9. M/s Jalandharygad Hydro Pvt. Ltd. Stream Jalandharygad, Harsil, Distt. Uttarkashi-249136 (Uttarkashi)
10. M/s Kakoragad Hydro Pvt. Ltd. Stream Kakoragad, Harsil, Distt. Uttarkashi-249136 (Uttarakhand)
11. M/s Siyangad Hydro Pvt. Ltd. Stream Siyangad, Harsil, Distt. Uttarkashi-249136 (Uttarakhand)
12. M/S Melkhet Power Private Ltd. Village – Melkhet, Tehsil, Distt-Chamoli-246481 (Uttarakhand)
13. M/S Nayar Valley Hydrel Power Company Pvt. ltd. (UIPC-Hydro-Nayar Valley), 88 Govind Nagar Race Course, Dehradun, Dehradun (Uttarakhand)
14. M/S Regency Gangani Energy Pvt. Ltd., Village Kharadi, Teh. Barkot. Distt. Uttarkashi-249141 (Uttarakhand)
15. M/S Regency Yamuna Energy Ltd., Village- Kharadi, Teh-Barkot, Distt. Uttarkashi-249141, (Uttarakhand)
16. M/S Swasti Power Limited, Vill- Baheda, P.O. Ghansali, Distt. Tehri-249155 (Uttarakhand)
17. M/S THDC India Limited, Koteswar Hydro Electric Project, Koteswपुरam, Distt. Tehri-249001, (Uttarakhand)
18. M/S THDC India Ltd., Bhagirathi Puram, Tehri Garhwal, Distt. Tehri-249131 (Uttarakhand)
19. M/S Dharasu Power House, Dharasu Power House, UJVN Ltd., Shaktipuram Colony, Chinyalisaur, Distt. Uttarkashi-249196 (Uttarakhand)
20. Bhilangana Hydro Power Limited, Near Village- Ghuttu, Ghansali, P.O Ghansali, Distt. Tehri-249155 (Uttarakhand)
21. M/S Chamoli Hydro Power Pvt. Ltd. Gram Echoli, Dewal, Distt. Chamoli -246427 (Uttarakhand)

Directions under Section-33(A) of the Water (Prevention and Control of Pollution) Act, 1974, regarding - Treatment and Utilization of Sewage.

WHEREAS, amongst others, under **Section-17** of the **Water (Prevention and Control of Pollution) Act, 1974**, one of the functions of the State Pollution Control Boards (SPCBs), constituted under the **Water (Prevention and Control of Pollution) Act, 1974** is to plan a comprehensive programme for prevention, control or abatement of pollution of streams and wells in the State and to secure the execution thereof; and

OFFICE COPY

WHEREAS, sewage, the single major source for water resources deterioration contributes 70% of the pollution load to water bodies. Consumption of polluted water adversely affects human health and aquatic life. Quality of treated sewage generally of lower standard further adding to problem. Very sizeable gap is observed in generation and treatment of sewage; and

WHEREAS, the Central Pollution Control Board (CPCB) reported during 2010-11 that out of 38254 MLD of sewage generated by Class-I cities and Class-II towns, only 11787 MLD has been treated and thereby leaving huge gap between generation and sewage treatment. Central Pollution Control Board, reassessed sewage generation and treatment capacity for Urban Population of India for the year 2015. The sewage generation estimated to be 62000 MLD approximately and sewage treatment capacity developed so far is only 23277 MLD from 816 STPs; and

WHEREAS, sewage treatment capacity of Uttarakhand State is 152.9 MLD in contrast to sewage generation of 495 MLD. 342.1 MLD untreated discharge to water bodies is responsible for deteriorating its water quality; and

WHEREAS, water quality monitoring results of rivers as indicated that water quality has been affected because of disposal of untreated or partially treated sewage into the water bodies and as a result, there are high number of faecal bacteria making the water body unfit for human consumption or for other uses; and

WHEREAS, the cities and the towns are not having adequate system for sewage collection and its treatment and thus entire wastewater falls either into rivers or lakes or remains inundated on land causing potential risk to the ground water contamination; and

WHEREAS, the hydro power projects are constructed and/or under construction to the close proximity to rivers, where they are more prone to contamination to the river and water bodies due to various project activities during construction as well as operation phases; and

WHEREAS, the Hon'ble National Green Tribunal (NGT) in the matter of **Indian Council of Enviro Legal Action and NGBRA & Ors** in its judgment dated 10.12.2015 directed as:

"..... All hydro projects which are in operation or under construction would be directed to provide their own STP's and make them operational within 3 months from the date of pronouncement of this judgment, upon which, the joint inspection team shall inspect such STPs, analyse their discharge and if found to be beyond the prescribed parameters, the UKPCB shall take punitive action against the head of the department of such projects and persons responsible for operation and maintenance of such plants. This would be in addition to the action that the Tribunal may direct for violation of its directions. Even this direction is subject to the orders that may be passed by the Hon'ble Supreme Court of India in matter relating to Hydro projects. The Project proponents would not be entitled to claim any advantages of this order". The judgment of the Hon'ble Tribunal is available in the Board Website: <http://www.ueppcb.uk.gov.in/contents/listing/6%20Important%20Office%20Orders/Letters>

WHEREAS, the Central Pollution Control Board in its 168th meeting held on 27.03.2015 resolved to notify the standards for treated sewage. These standards for discharge of treated sewage for STPs have also been endorsed in the Ministers conference held during April 6-7, 2015 and 59th Conference of Chairmen & Member Secretaries of State Pollution Control Boards and Pollution Control committees held on April 8, 2015 (Annexure-1).

AND NOW, THEREFORE, in view of the above stated facts and realizing that, rivers and water bodies have been polluted and to prevent further deterioration of surface and sub-surface water bodies; and in compliance of the directions of the Hon'ble National Green Tribunal on dated 10.12.2015; and in exercise of the powers conferred under Section-33(A) of the Water (Prevention and Control of Pollution) Act, 1974, as amended thereafter, you are hereby directed to install Sewage Treatment Plant (STP) of appropriate capacity for construction phase and /or

operation phase within 3 months time period i.e. 10.3.2016, which should be capable to treat sewage to meet the prescribed norms. Treated sewage water should be used for recycled for agriculture, horticulture etc.

This issues with approval of the Competent Authority of the Board.

Wep
 (Vinod Singhal)
 Member Secretary

OFFICE COPY

Copy to:-

1. **Chairman, UEPPCB, Dehradun** for kind information please.
2. **Regional Officer (I/c), Regional Office, UEPPCB, Dehradun** for information and compliance of the same.

Wep
 Member Secretary
21/12/15

OFFICE COPY

ANNEXURE-1

EFFLUENT DISCHARGED STANDARDS FOR SEWAGE TREATMENT PLANT

S. No.	Parameters	Parameters Limit (Standards for New STPs Design after notification date)
1.	pH	6.5-9.0
2.	BOD (mg/L)	Not more than 10
3.	COD (mg/L)	Not more than 50
4.	TSS (mg/L)	Not more than 20
5.	NH4-N (mg/L)	Not more than 5
6.	N-toal (mg/L)	Not more than 10
7.	Fecal Coliform (MPN/100ml)	Less than 100
Note : (i) These standards will be applicable for discharge in water resources as well as for land disposal. The standards for Fecal Coliform may not be applied for use of treated sewage in industrial purposes. (ii) * Achievement of Standards for existing STPs within 05 years from the date of notification.		

Provided under Section 24(A) of the Water (Prevention and Control of Pollution) Act, 1974 regarding Treatment and Disposal of Sewage.

WHEREAS, amongst others, under Section 17 of the Water (Prevention and Control of Pollution) Act, 1974 one of the functions of the State Pollution Control Board is to plan a comprehensive programme for the control and abatement of pollution in water bodies and to secure the prevention thereof.