

HEAD OFFICE

**Uttarakhand Environment Protection
and Pollution Control Board**

46-B, I.T. Park, Sahastradhara Road,
Dehradun (Uttarakhand)



Action Taken Report

Original Application No. 377 of 2019

In compliance of order dated 23.05.2019

of the

Hon'ble National Green Tribunal,

Principal Bench,

New Delhi

Action Taken Report
In the matter of Original Application No. 377 of 2019

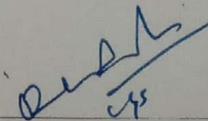
Subhash Chauhan
Vs
State of Uttarakhand & Ors.

In compliance of the order passed by the Hon'ble National Green Tribunal, Principal Bench, New Delhi on dated 23.05.2019, inspection of the site was carried out by the officials of Regional Office, Uttarakhand Environment Protection and Pollution Control Board, Dehradun, Distt. Dehradun on dated 01.07.2019. Officials of the unit and others were also present during the inspection. Detailed inspection report is enclosed as **Annexure-1**.

As per inspection report:

1. M/S Ordnance Factory, Raipur Road, Dehradun is using Base Sheet, Electrical and Electronic Components, Paints, Chemicals etc. as raw material for production of Vision Equipment (for Defence).
2. The Unit is performing Assembling, Machining, Drilling, Turning, Plating, Painting activities.
3. Unit is using water in household and industrial process. Domestic effluent is treated with the help of Septic Tank/Soakpit. There are more than 1500 employees working in the unit for which unit has been directed to install STP.
4. Water Flow Meter has been installed at Inlet and Outlet of Effluent Treatment Plant and a log book is also being maintained for the same.
5. Approx 15-17 K.L. of effluent is treated by ETP.


Page 1



6. E.T.P. has been installed for treatment of effluent from industrial discharge.
7. Sample of treated effluent was collected at the time of inspection. The report was found under prescribed parameters. (**Annexure-2**).
8. Unit has been issued consent upto the period of 31.03.2019.
9. At the time of inspection effluent was found to be stored in an open channel. Sample of the effluent was taken and pH value of the effluent was found to be within limits. (**Annexure-3**).
10. ETP Sludge generated from the unit is disposed with the help of authorized recycler (M/s Bharat Oil and Waste Management, Roorkee).
11. The unit was instructed during previous inspection to install S.T.P. and upgrade E.T.P. upto tertiary treatment, the unit has not complied the instruction. However unit has informed that they have approached MIES (Military Engineering Services) for installation of Tertiary Treatment at both STP and ETP. (**Annexure-4**).

J.S.

D.S.R.
CS

माननीय राष्ट्रीय हरित अधिकरण में योजित वाद संख्या- 377/2019 विषयक सुभाष चौहान Vs. स्टेट ऑफ उत्तराखण्ड के संबंध में निरीक्षण आख्या।

उपरोक्त विषयक बोर्ड मुख्यालय के पत्रांक संख्या UEPPCB/HO/G-183-405/2019/1981-445 Dated 12.06.2019 विषयक मै0 आर्डिनेस फैक्टरी, रायपुर रोड, देहरादून द्वारा उत्प्रवाह शुद्धिकरण संयंत्र का संचालन उचित प्रकार से नहीं किये जाने के संबंध में उद्योग का निरीक्षण दिनांक 01.07.2019 को उद्योग प्रतिनिधि श्री अजय कुमार (Junior Works Manager) की उपस्थिति में किया गया, निरीक्षण आख्या निम्नवत् है-

1. उद्योग द्वारा कच्चे माल के रूप में Base Sheet, Electrical and Electronic Components, Paints, Chemicals आदि का प्रयोग करके Vision Equipment (for Defence) का उत्पादन किया जाता है।
2. उद्योग में Assembling, Machining, Drilling, Turning, Plating, Painting आदि प्रक्रियाये की जाती है।
3. उद्योग में जल का प्रयोग घरेलू प्रयोजन व औद्योगिक प्रक्रिया में किया जाता है। घरेलू उत्प्रवाह का निस्तारण सेप्टिक टैंक/सोकपिट के माध्यम से किया जाता है। उद्योग में 1500 से अधिक श्रमिक कार्यरत है जिस हेतु सीवेज ट्रीटमेंट प्लांट की स्थापना हेतु उद्योग को निर्देशित किया गया।
4. उत्प्रवाह शुद्धिकरण संयंत्र में Inlet व Outlet में Water Flow Meter की स्थापना की गयी व लॉगबुक भी मेन्टेन की जा रही है।
5. ETP से लगभग 15-17 के0एल0 प्रतिदिन उत्प्रवाह शुद्धिकृत किया जा रहा है।
6. औद्योगिक प्रक्रिया से जनित उत्प्रवाह के शुद्धिकरण हेतु ई0टी0पी0 की स्थापना की गयी है।
7. निरीक्षण के समय ई0टी0पी0 में शुद्धिकृत जल का नमूना एकत्रण किया गया, जिसकी विश्लेषण आख्या मानकों के अनुरूप पायी गई। (विश्लेषण आख्या संलग्न, संलग्नक-1 व 2)
8. उद्योग को सहमति 31 मार्च 2018 तक निर्गत की गयी है। पूर्व में सहमति 2018-19 बोर्ड द्वारा अस्वीकार कर दी गयी है। उद्योग द्वारा निर्धारित शुल्क व बैंक गारंटी सहित पुनः आवेदन किया गया है।
9. निरीक्षण के समय उद्योग परिसर के अंदर Open Channel में उत्प्रवाह एकत्रित पाया गया, जिसकी ph सामान्य पायी गयी। उत्प्रवाह का नमूना एकत्र किया गया। (विश्लेषण आख्या संलग्न, संलग्नक-3)
10. उद्योग से जनित ETP Sludge को अधिकृत रिसाईक्लर मै0 भारत ऑयल वेस्ट मैनेजमेंट, रूड़की के माध्यम से निस्तारित किया जाता है।
11. उद्योग को पूर्व में एवं निरीक्षण के समय सीवेज ट्रीटमेंट प्लांट व ETP में Tertiary Treatment व्यवस्था करने हेतु निर्देशित किया गया है, जिसका अनुपालन वर्तमान समय तक नहीं किया गया है। यद्यपि उद्योग द्वारा सूचित किया गया है कि एस0टी0पी0 व ई0टी0पी0 में Tertiary Treatment लगाने हेतु MES (Military Engineering Services) को निर्देशित कर दिया गया है, जिसकी प्रतिलिपि संलग्न है। (संलग्नक-4)

उपरोक्त आख्या आपके अवलोकनार्थ एवं अग्रिम आवश्यक कार्यवाही हेतु सादर प्रस्तुत है।

क्षेत्रीय अधिकारी (प्र0)

(अनुराग नेगी)

सहा0पर्या0 अभियन्ता



SIMA LABS PVT. LTD.
Sophisticated Industrial Materials
Analytic Labs Pvt. Ltd.

A-3/7, Mayapuri Industrial Area, Ph-II, New Delhi - 110064
Phone : +(91)-(11) 43854300
Email : reports@simalab.com
CIN No : U74899DL1988PTC031785
Website : www.simalab.net | www.simalab.com

ISO 9001:2015 / ISO 14001:2015 / OHSAS 18001:2007 • NABL ACCREDITED • FSSAI, AGMARK, BIS, AYUSH & ICF RECOGNISED

TEST REPORT

PARTY CODE : U/UK/11944
U.E.P.P.C.B

REPORT NO. : UK0703000119
REF. NO. : NS

E-115, NEHRU COLONY, DEHRADUN (UTTARAKHAND) REF. DATE : NS

DT.RECD : 03/07/2019

SAMPLE NAME : WATER SAMPLE (NGT/ROD/S-1)

RESULTS OF ANALYSIS					
Reference : Party's Requirement					
DESCRIPTION : One Water sample marked as 'NGT/ROD/S-1' was submitted by U.E.P.P.C.B., Dehradun on 02/07/2019.					
SAMPLING DATE : 02/07/2019			SAMPLE QTY. : 2 LTR.		
S.No.	Parameters	Units	Results	Protocols	Detection Limit
1.	pH	NA	7.30	IS:3025 (P-11)	NA
2.	Total Suspended Solids	mg/L	BDL	IS:3025 (P-17)	5.0
3.	Oil & Grease	mg/L	BDL	IS:3025 (P-39)	3.0
4.	Total Metal	mg/L	5.43	NA	NA
5.	Trichloroethane	mg/L	BDL	By GCMS	0.05
6.	Trichloroethylene	mg/L	BDL	By GCMS	0.05

Date of performance : 03/07/2019 to 08/07/2019
NA = Not Applicable, BDL = Below Detection Limit

SAMPLE NOT COLLECTED BY US

DATE : 08/07/2019

AUTHORISED SIGNATORY

REMARKS 1. Results listed refer only to the tested sample & applicable parameters. Endorsement of products is neither inferred nor implied. Page: 1 of 1
2. Liability of laboratory is limited to the invoiced amount only. Any dispute arising out of this report shall be subject to Delhi Jurisdiction only.
3. This Report is not to be reproduced wholly or in part and cannot be used as an evidence in the Court of law and should not be used in any advertising media without special permission in writing.
4. Sample shall be disposed off after issue of Test Report unless specified.
5. A complaint register is available with the laboratory. Ranjan Kumar

HARIDWAR LABORATORY : Plot No. 37, Sector - 7, I.I.E. SIDCUL, Haridwar - 249403 Phone : +(91)-(01334)-235552 Email : simaharidwar@simalab.co.in
BUILDING MATERIAL LAB : Plot No. 107/11/2 & 107/20, Udhayog Nagar Indl Area, Mundka, New Delhi-110041 Phone : +(91)-93198-28884 Email : bmlab@simalab.com

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TEST REPORT

PARTY CODE : U/UK/11944
U.E.P.C.B.

REPORT NO. : UK0703000219
REF. NO. : NS

E-115, NEHRU COLONY, DEHRADUN (UTTARAKHAND) REF. DATE : NS

DT.RECD : 03/07/2019

SAMPLE NAME : WATER SAMPLE (NGT/ROD/S-2)

RESULTS OF ANALYSIS					
Reference : Party's Requirement					
DESCRIPTION		: One Water sample marked as 'NGT/ROD/S-2' was submitted by U.E.P.C.B., Dehradun on 02/07/2019.			
SAMPLING DATE		: 02/07/2019		SAMPLE QTY. : 2 LTR.	
S.No.	Parameters	Units	Results	Protocols	Detection Limit
1.	Phosphate (as P)	mg/L	BDL	IS:3025 (P-31)	0.05
2.	Sulphide (as S)	mg/L	BDL	IS:3025 (P-29)	1.0
3.	Hexavalent Chromium (as Cr+6)	mg/L	BDL	IS:3025 (P-52)	0.01
4.	Total Chrome (as Cr)	mg/L	0.29	IS:3025 (P-2)	NA
5.	Ammonical Nitrogen (as NH ₃ -N)	mg/L	1.68	IS:3025 (P-34)	NA
6.	Sulphate (as SO ₄)	mg/L	295.9	IS:3025 (P-24)	NA
7.	Fluorides (as F)	mg/L	BDL	APHA-4500 F-D	0.05
8.	Total Residual Chlorine (as Cl)	mg/L	BDL	IS:3025 (P-26)	0.05
9.	Nickle (as Ni)	mg/L	0.08	IS:3025 (P-2)	NA
10.	Copper (as Cu)	mg/L	0.13	IS:3025 (P-2)	NA
11.	Aluminium	mg/L	0.93	IS:3025 (P-2)	NA

Date of performance : 03/07/2019 to 08/07/2019
NA = Not Applicable, BDL = Below Detection Limit

SAMPLE NOT COLLECTED BY US

DATE : 08/07/2019

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Ranjan Kumar

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TEST REPORT

PARTY CODE : U/UK/11944
 U.E.P.P.C.B.

REPORT NO. : UK0703000319
 REF. NO. : NS

E-115, NEHRU COLONY, DEHRADUN (UTTARAKHAND)

REF. DATE : NS
 DT.RECD : 03/07/2019

SAMPLE NAME : WATER SAMPLE (NGT/ROD/S-3)

RESULTS OF ANALYSIS				
Reference : Party's Requirement				
DESCRIPTION		: One Water sample marked as 'NGT/ROD/S-3' was submitted by U.E.P.P.C.B., Dehradun on 02/07/2019.		
SAMPLING DATE		: 02/07/2019		
		SAMPLE QTY. : 2 LTR.		
S.No.	Parameters	Units	Results	Protocols
1.	pH	NA	7.76	IS:3025 (P-11)
2.	Total Suspended Solids	mg/L	49	IS:3025 (P-17)
3.	Total Dissolved Solids	mg/L	843	IS:3025 (P-16)
4.	Chemical Oxygen Demand	mg/L	128	IS:3025 (P-58)
5.	Biochemical Oxygen Demand (for 3 days at 27°C)	mg/L	28	IS:3025 (P-44)
6.	Oil & Grease	mg/L	3.1	IS:3025 (P-39)

Date of performance : 03/07/2019 to 08/07/2019
 NA = Not Applicable

SAMPLE NOT COLLECTED BY US

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Ranjan Kumar

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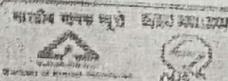
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Email : simaharidwar@simalab.co.in
 Email : bmlab@simalab.com

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SIMA

Handwritten: 101/10

<p>दूरभाष नं० Tel : 0135 - 2787371-73 2788261-63 Office : 0135 - 2780042 फैक्स Fax : 0135 - 2787177 ई-मेल e-mail : ofdn@nic.in सभी पत्रों में प्रत्येक पत्र को पत्र पर भेज जाने चाहिए किसी भी अधिकारी को व्यक्तिगत नाम से नहीं।</p>	 	<p>भारत सरकार Government of India रक्षा मंत्रालय Ministry of Defence आयुध निर्माण, रायपुर Ordnance Factory, Raipur देहरादून-248008(उत्तराखण्ड) Dehradun-248 008 (Uttarakhand)</p> <p>All correspondence to be addressed to the General Manager & not to any Officer by name.</p>
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OFD/Safety/PCB/2019

DL22.07.2019

To,
The member secretary
UEP/PCB,
29/20 Nehru Road
Dehradun 248001.

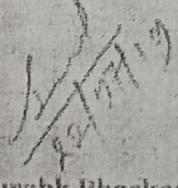
SIB: Current status of ETP & STP at Ordnance Factory Dehradun.

Ref: CCA Re-apply application no. 241980, dated 08/01/19

With reference to above it is intimated that:-

1. Proposal for establishing STP (Sewage Treatment Plant) is already with MES (Military Engineering services). It is also intimated that MES is the designated agency for carrying out such types of work. For installation of Tertiary Treatment Plant already a tender has been floated and the same is in process.
2. ETP at our premises is regularly being operated and maintained. Also there is separate enclosed pipeline carrying the effluents from the shops to ETP.

This is also to submit that Ordnance Factory dehradun is a Government Organisation and we are bound to follow all the procedures and maintain checks and balances at every step, which needs considerable amount of time to process. Hence it is requested to further consider our application for CCA.


 Sourabh Bhaskar
 Works Manager
 FOR SR. GENERAL MANAGER

Handwritten initials: JB