

**BEFORE THE NATIONAL GREEN TRIBUNAL
PRINCIPAL BENCH, NEW DELHI**

ORIGINAL APPLICATION NO. 200/2014

IN THE MATTER OF

M.C. MEHTA

..... APPLICANT

VS

UNION OF INDIA & ORS.

.....RESPONDENTS

AND

ANIL KUMAR SINGHAL

.....APPLICANT

VS

UNION OF INDIA & ORS.

.... RESPONDENT(S)

AND

**SOCIETY FOR PROTECTION OF ENVIRONMENT..... APPLICANT
& BIO DIVERSITY & ANR.**

VS

UNION OF INDIA & ORS.

RESPONDENT (S)

**Affidavit on behalf of Ministry of Environment, Forest & Climate
Change Climate , Respondent No.1**

I, Dinesh Runiwal S/o Kewal Chand Runiwal aged about 36 Years working as Scientist 'D' in the Ministry of Environment, Forest and Climate Change, Indira Paryavaran Bhawan, Jor Bagh Road, New Delhi- 110003, do hereby solemnly affirm and state as hereunder:

1. That, I am well acquainted with the facts and circumstances of the case. I have been duly authorized by the Ministry of Environment, Forest and Climate Change, Respondent No. 1 and as such I am competent to file this affidavit.



2 In compliance to the oral direction given during the hearing with regard to Phase -I, Segment B of River Ganga on 19.10.2016, the Hon'ble NGT has directed the MoEF&CC to submit the compliance report on the following:

A) View on implementation of ZLD in various industrial sectors in the Ganga River basin, in general, and for the tanneries cluster at Jajmau, Kanpur in particular

- i) ZLD is not insisted for those tanneries which are connected with CETPs vide our draft notification dated 10.10.2016 uploaded on website for seeking public comments. Any tannery unit attached with the CETPs shall achieve the inlet and treated effluent quality standards as per notification S.O.4(E) dated 1st January 2016 of Environment (Protection) Rules, 1986 and shall also be jointly and severally responsible for ensuring compliance. The stipulation of ZLD has been proposed for large scale units in environmentally sensitive / critical areas based on the approval of CPCB or SPCBs/PCCs with the approval of CPCB. The copy of draft notification for tanneries is placed at Annexure-I.
- ii) The aspect of ZLD for textile industry has been addressed in the Gazette Notification dated 10.10.2016 wherein the ZLD has been prescribed for large scale units in environmentally sensitive / critical areas based on the approval of CPCB or SPCBs/PCCs with the approval of CPCB with reference to MSMEs in textiles sector, any textile unit attached with the CETPs shall achieve the inlet and treated effluent quality standards as per notification S.O.4(E) dated 1st January 2016 of Environment (Protection) Rules, 1986 and shall also be jointly and severally responsible for ensuring compliance. The copy of Gazette notification for textile industry is placed at Annexure-II. Similarly, for Fermentation industry (distilleries), the aspect of ZLD has been included in the draft Notification and uploaded on the website of MoEF&CC for seeking public comments. The copy of draft notification for Fermentation industry (distilleries) is placed at Annexure-III.



Views on implementation and functioning of Online Monitoring

As stated in our joint compliance statement before the NGT it is reiterated that the online monitoring was to create self-regulation and to comply with the stipulated standards for self-regulations.

C) Information pertaining to the number of drains in the Phase I, Segment B

The Ministry & CPCB had submitted a joint compliance statement before the NGT wherein number of drains in the Phase I Segment B mentioned was 30 as reported by CPCB.

3. In view of the above, it is most humbly and graciously prayed before the Hon'ble NGT to take the compliance Affidavit on record.



DEPONENT

(दिनेश रूनीवाल)
(DINESH RUNI WAL)
वैज्ञानिक 'डी' /Scientist 'D'
पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय
Min.of Environment, Forest and Climate Change
भारत सरकार, नई दिल्ली
Govt. of India, New Delhi

VERIFICATION:

Verified at New Delhi on the _____ of October, 2016, that the contents of the above affidavit are true and correct to the best of my knowledge and belief and nothing material has been suppressed or concealed therein.



DEPONENT

(दिनेश रूनीवाल)
(DINESH RUNI WAL)
वैज्ञानिक 'डी' /Scientist 'D'
पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय
Min.of Environment, Forest and Climate Change
भारत सरकार, नई दिल्ली
Govt. of India, New Delhi

Annexure

The following draft notification, which the Central Government proposes to issue under the Environment (Protection) Act, 1986 (29 of 1986), is hereby published for the information of public likely to be affected thereby; and the notice is hereby given that the said draft notification shall be taken into consideration on or after the expiry of a period of thirty days from the date on which this draft has been made available to public through this website. The comments may be sent to Member Secretary, CPCB and Mr. Dinesh Runiwal, JD (CP) at adaba.cpcb@nic.in and d.runiwal@gov.in

[To be published in the Gazette of India, Extraordinary, Part II, Section 3, Sub-section (i)]

GOVERNMENT OF INDIA
MINISTRY OF ENVIRONMENT, FOREST AND CLIMATE CHANGE
NOTIFICATION

New Delhi, the , 2016

G.S.R.--- In exercise of the powers conferred by Sections 6 and 25 of the Environment (Protection) Act, 1986 (29 of 1986), the Central Government hereby makes the following rules further to amend the Environment (Protection) Rules, 1986, namely:-

1. (1) These rules may be called the Environment (Protection)-- Amendment Rules, 2016
 (2) They shall come into force on the date of their publication in the Official Gazette.
2. In the Environment (Protection) Rules, 1986, in Schedule-I,
 - a) the serial number 16 and the entries relating thereto shall be omitted, and
 - b) for serial number 57 and the entries relating thereto, the following serial number serial number and entries shall be substituted, namely:-

STANDARDS FOR DISCHARGE OF EFFLUENTS FROM TANNERY INDUSTRY

S. No.	Industry	Parameter	Standards (applicable for all modes of disposal*)
1	2	3	4
57	Tanneries	Treated Effluent	Max. permissible values (in mg/l, except for pH)
		pH	6 to 9
		Biochemical Oxygen Demand (BOD ₅ at 27 °C)	30
		Chemical Oxygen Demand (COD)	250
		Total Suspended Solids (TSS)	100
		Fixed Dissolved Solids (FDS)	2100**
		Total Chromium	2
		Sulphides (as S)	2
		Ammonical-Nitrogen (as N)	50
		Total Kjeldahl Nitrogen (TKN)	50
		Notes:	

	<ol style="list-style-type: none"> 1. *In case of direct disposal into rivers and lakes, the CPCB or SPCB / PCC may specify more stringent standards depending upon the quality of the recipient system. 2. **Standards for FDS shall not be applicable in case of marine disposal through proper marine outfall. 3. The treated effluent shall be allowed to be discharged in the ambient environment only after exhausting options for reuse in industrial process / irrigation in order to minimise freshwater usage. 4. Any tannery unit attached with the CETPs shall achieve the inlet and treated effluent quality standards as per notification S.O.4(E) dated 1st January 2016 of Environment (Protection) Rules, 1986 and shall also be jointly and severally responsible for ensuring compliance. 5. The standalone MSMEs shall meet prescribed discharge norms. 6. The standalone large scale units shall meet prescribed discharge norms; however, CPCB or SPCB / PCC with the approval of CPCB, may mandate ZLD in Large scale units in environmentally sensitive / critical areas. 7. The TDS limit with respect to treated effluent shall be 2100 milligramme per litre; however, in case where TDS in intake water is above 1100 milligramme per litre, a maximum contribution up to 1000 milligramme per litre shall be permitted provided the maximum limit of 3100 milligramme per litre is not exceeded in the treated effluent. 8. In case of discharge of treated effluent on land for irrigation, the impact on soil and groundwater quality shall be monitored twice a year (pre- and post- monsoon) by the tannery unit. The mixing ratio with sewage shall be prescribed by SPCB for combined discharge of effluent and sewage. 								
	<table border="1" style="width: 100%;"> <tr> <td colspan="2" data-bbox="389 1184 1153 1249">Wastewater generation (per tonne of hide processed):</td> </tr> <tr> <td data-bbox="389 1249 1153 1300">-Raw-to-Wet Blue process</td> <td data-bbox="1153 1249 1443 1300">18 m³/ton</td> </tr> <tr> <td data-bbox="389 1300 1153 1352">-Wet Blue-to-Finished process</td> <td data-bbox="1153 1300 1443 1352">10 m³/ton</td> </tr> <tr> <td data-bbox="389 1352 1153 1403">-Raw-to- Finished process</td> <td data-bbox="1153 1352 1443 1403">28 m³/ton</td> </tr> </table>	Wastewater generation (per tonne of hide processed):		-Raw-to-Wet Blue process	18 m ³ /ton	-Wet Blue-to-Finished process	10 m ³ /ton	-Raw-to- Finished process	28 m ³ /ton
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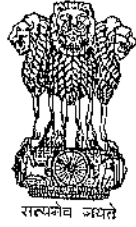
[F. NO. Q-15017/30/2004-CPW]

(Dr. Rashid Hasan)
Adviser

Note:- The principal rules were published in the Gazette of India, Extraordinary, Part II, Section 3, Sub-section (i), vide number S.O. 844 (E), dated the 19th November, 1986 and subsequently amended vide the following notifications, namely:-

S.O. 433 (E), dated the 18th April 1987; G.S.R. 176(E), dated the 2nd April, 1996; G.S.R. 97 (E), dated the 18th February, 2009; G.S.R. 149 (E), dated the 4th March, 2009; G.S.R. 543(E), dated the 22nd July, 2009; G.S.R. 739 (E), dated the 9th September, 2010; G.S.R. 809(E), dated, the 4th October, 2010, G.S.R. 215 (E), dated the 15th March, 2011; G.S.R. 221(E), dated the 18th March, 2011; G.S.R. 354 (E), dated the 2nd May, 2011; G.S.R. 424 (E), dated the 1st June, 2011; G.S.R. 446 (E), dated the 13th June, 2011; G.S.R. 152 (E), dated the 16th March,

-2012; G.S.R. 266(E), dated the 30th March, 2012; and G.S.R. 277 (E), dated the 31st March, 2012; and G.S.R. 820(E), dated the 9th November, 2012; G.S.R. 176 (E), dated the 18th March, 2013; G.S.R. 535(E), dated the 7th August, 2013; G.S.R. 771(E), dated the 11th December, 2013; G.S.R. 2(E), dated the 2nd January, 2014; G.S.R. 229 (E), dated the 28th March, 2014; G.S.R. 232(E), dated the 31st March, 2014; G.S.R. 325(E), dated the 07th May, 2014, G.S.R. 612, (E), dated the 25th August 2014; G.S.R. 789(E), dated the 11th November 2014; S.O. 3305(E), dated the 7th December, 2015; S.O.4(E), dated the 1st January 2016; G.S.R. 35(E), dated the 14th January 2016; G.S.R. 281 (E), dated the 7th March, 2016; G.S.R. 496(E), dated 09th May, 2016 and lastly amended vide notification G.S.R.497(E), dated 10th May, 2016.



भारत का राजपत्र The Gazette of India

असाधारण

EXTRAORDINARY

भाग II—खण्ड 3—उप-खण्ड (i)

PART II—Section 3—Sub-section (i)

प्राधिकार से प्रकाशित

PUBLISHED BY AUTHORITY

सं. 719]

नई दिल्ली, सोमवार, अक्टूबर 10, 2016/आश्विन 18, 1938

No. 719]

NEW DELHI, MONDAY, OCTOBER 10, 2016/ASVINA 18, 1938

पर्यावरण, वन और जलवायु परिवर्तन मंत्रालय

अधिसूचना

नई दिल्ली, 10 अक्टूबर, 2016

सा.का.नि. 978(अ).—केन्द्रीय सरकार, पर्यावरण (संरक्षण) अधिनियम, 1986 (1986 का 29) की धारा 6 और धारा 25 द्वारा प्रदत्त शक्तियों का प्रयोग करते हुए पर्यावरण (संरक्षण) नियम, 1986 का और संशोधन करने के लिए निम्नलिखित नियम बनाती है, अर्थात् :--

1. (1) इन नियमों का संक्षिप्त नाम पर्यावरण (संरक्षण) पाँचवाँ संशोधन नियम, 2016 है।

(2) ये उनके राजपत्र में प्रकाशन की तारीख से प्रवृत्त होंगे।

2. पर्यावरण (संरक्षण) नियम, 1986 की अनुसूची 1 में,—

(क) क्रम सं. 6 और उससे संबंधित प्रविष्टियों के स्थान पर निम्नलिखित क्रम सं. और प्रविष्टियाँ रखी जाएंगी, अर्थात् :--

कपड़ा उद्योग से बहिष्कारों के निस्सारण के लिए मानक

क्रम सं.	उद्योग	पैरामीटर	मानक (निपटान की सभी विधियों को लागू*)
1	2	3	4
6	सभी एकीकृत कपड़ा इकाइयाँ, सूती / ऊनी / कारपेट / पालिस्टर	उपचारित बहिष्कार	पीएच, अरंजक और एसएआर के सिवाय मिलीग्राम/लीटर में अधिकतम अनुज्ञेय मान
		पीएच	6.5 से 8.5

क्रम सं.	उद्योग :	पैरामीटर	मानक (निपटान की सभी विधियों को लागू*)
	इकाइयां, इकाइयां जिनमें मुद्रण/ रंगाई / विरंजन प्रक्रियाएं हैं या विनिर्माण और परिधान इकाइयां	निलंबित ठोस	100
		रंजक, पीसीयू (प्लेटिनम कोबाल्ट यूनिट)	150
		जैव-रसायन ऑक्सीजन मांग [27° सेंटीग्रेड पर 3 दिन] (बीओडी ₃)	30
		तेल और ग्रीस	10
		रासायनिक ऑक्सीजन मांग (सीओडी)	250
		कुल क्रोमियम (Cr के रूप में)	2.0
		सल्फाइड (S के रूप में)	2.0
		फेनोलिक यौगिक (C ₆ H ₅ OH के रूप में)	1.0
		कुल भंग ठोस पदार्थ अकार्बनिक (टीडीएस)	2100 **
		सोडियम अवशोषण अनुपात (एसएआर)	26 **
		अमोनिकल नाइट्रोजन (N के रूप में)	50

टिप्पण :

- * नदियों और झीलों में सीधे निपटान की दशा में, केंद्रीय प्रदूषण नियंत्रण बोर्ड (सीपीसीबी) या राज्य प्रदूषण नियंत्रण बोर्ड/ प्रदूषण नियंत्रण समितियां (एसपीसीबी / पीसीसी), प्राप्त करने वाले जल स्रोत की क्वालिटी के आधार पर अधिक कठोर मानक निर्दिष्ट कर सकेंगी।
- ** टीडीएस और एसएआर के मानक समुद्र में समुचित समुद्री आउट फाल के माध्यम से निपटान की दशा में लागू नहीं होंगे।
- उपचारित बहिस्त्रावों का परिवेशीय वातावरण में बहिस्त्राव केवल औद्योगिक प्रक्रियाओं / सिंचाई में पुनः इस्तेमाल के विकल्पों के समाप्त हो जाने पर, ताजे जल के उपयोग को न्यूनतम करने के लिए, अनुज्ञात किया जाएगा।
- सामान्य बहिस्त्राव उपचार संयंत्र (सीईटीपी) के साथ उपाबद्ध सभी कपड़ा इकाई को पर्यावरण (संरक्षण) नियम, 1986 की अनुसूची - 1 में क्रम सं. 55 पर यथा विनिर्दिष्ट इनलेट और उपचारित बहिस्त्राव क्वालिटी मानकों को हासिल करेगी और वह संयुक्त रूप से और पृथक् रूप से अनुपालना का सुनिश्चय करने के लिए उत्तरदायी होगी।
- सूक्ष्म, लघु और मध्यम उपक्रम विकास अधिनियम, 2006 के अनुसार एकल सूक्ष्म, लघु और मध्यम उपक्रम पूर्वोक्त मानकों को पूरा करेंगे।
- एकल बड़े पैमाने की इकाइयां पूर्वोक्त विनिर्दिष्ट मानकों को पूरा करेंगी; तथापि, सीपीसीबी या एसपीसीबी / पीसीसी सीपीसीबी के अनुमोदन से, पारिस्थितिकी रूप से संवेदनशील / महत्वपूर्ण क्षेत्रों में शून्य तरल बहिस्त्राव (ZLD) का आदेश दे सकेंगे।
- उपचारित बहिस्त्राव के संबंध में टीडीएस मानक 2100 मिलीग्राम प्रति लीटर होंगे; तथापि, उन मामलों में जहां इनटेक जल में टीडीएस 1100 मिलीग्राम प्रति लीटर से अधिक हैं, प्रति लीटर 1000 मिलीग्राम प्रति लीटर तक के अधिकतम

अभिदाय को अनुज्ञात किया जाएगा, किंतु उपचारित बहिस्त्राव में अधिकतम टीडीएस मानक 3100 मिलीग्राम प्रति लीटर से अधिक नहीं होंगे।”।

(ख) क्रम सं. 7 और क्रम सं. 92 तथा उनसे संबंधित प्रविष्टियों का लोप किया जाएगा ;

[फा. सं. क्यू-15017/30/2004-सीपीडब्ल्यू]

डा. राशिद हुसैन, सलाहकार

टिप्पण : मूल नियम भारत के राजपत्र, असाधारण, भाग II, खंड 3, उपखंड (i) में का.आ. 844(अ) तारीख 19 नवंबर, 1986 द्वारा प्रकाशित किए गए थे और निम्नलिखित अधिसूचनाओं द्वारा उनका संशोधन किया गया है, अर्थात् :-

का.आ. 433(अ), तारीख 18 अप्रैल 1987 ; सा.का.नि. 176(अ), तारीख 2 अप्रैल, 1996 ; सा.का.नि. 97(अ), तारीख 18 फरवरी, 2009 ; सा.का.नि. 149(अ), तारीख 4 मार्च, 2009 ; सा.का.नि. 543(अ), तारीख 22 जुलाई, 2009 ; सा.का.नि. 739(अ), तारीख 9 सितम्बर, 2010 ; सा.का.नि. 809(अ), तारीख 4 अक्टूबर, 2010 ; सा.का.नि. 215(अ), तारीख 15 मार्च, 2011 ; सा.का.नि. 221(अ), तारीख 18 मार्च, 2011 ; सा.का.नि. 354(अ), तारीख 2 मई, 2011 ; सा.का.नि. 424(अ), तारीख 1 जून, 2011 ; सा.का.नि. 446(अ), तारीख 13 जून, 2011 ; सा.का.नि. 152(अ), तारीख 16 मार्च, 2012 ; सा.का.नि. 266(अ), तारीख 30 मार्च, 2012 ; और सा.का.नि. 277(अ), तारीख 31 मार्च, 2012 ; और सा.का.नि. 820(अ), तारीख 9 नवंबर, 2012 ; सा.का.नि. 176(अ), तारीख 18 मार्च, 2013 ; सा.का.नि. 535(अ), तारीख 7 अगस्त, 2013 ; सा.का.नि. 771(अ), तारीख 11 दिसंबर, 2013 ; सा.का.नि. 2(अ), तारीख 2 जनवरी, 2014 ; सा.का.नि. 229(अ), तारीख 28 मार्च, 2014 ; सा.का.नि. 232(अ), तारीख 31 मार्च, 2014 ; सा.का.नि. 325(अ), तारीख 07 मई, 2014 ; सा.का.नि. 612(अ), तारीख 25 अगस्त 2014 ; सा.का.नि. 789(अ), तारीख 11 नवंबर 2014 ; का.आ. 3305(अ), तारीख 7 दिसंबर, 2015 ; का.आ. 4(अ), तारीख 1 जनवरी 2016 ; सा.का.नि. 35(अ), तारीख 14 जनवरी 2016 ; सा.का.नि. 281(अ), तारीख 7 मार्च, 2016 ; सा.का.नि. 496(अ), तारीख 09 मई, 2016 और अंतिम संशोधन अधिसूचना सं. सा.का.नि. 497 (अ), तारीख 10 मई, 2016 द्वारा किया गया।

MINISTRY OF ENVIRONMENT, FOREST AND CLIMATE CHANGE

NOTIFICATION

New Delhi, the 10th October, 2016

G.S.R. 978(E).—In exercise of the powers conferred by sections 6 and 25 of the Environment (Protection) Act, 1986 (29 of 1986), the Central Government hereby makes the following rules further to amend the Environment (Protection) Rules, 1986, namely:-

1. (1) These rules may be called the Environment (Protection) Fifth Amendment Rules, 2016.
- (2) They shall come into force on the date of their publication in the Official Gazette.
2. In the Environment (Protection) Rules, 1986, in Schedule-I,—
 - (a) for serial number 6 and the entries relating thereto, the following serial number and entries shall be substituted, namely :-

STANDARDS FOR DISCHARGE OF EFFLUENTS FROM TEXTILE INDUSTRY

S. No.	Industry	Parameter	Standard (applicable for all modes of disposal*)
1	2	3	4
6	All Integrated textile units, units of Cotton / Woollen / Carpets / Polyester, Units having Printing / Dyeing / Bleaching process or manufacturing and Garment units.	TREATED EFFLUENTS	Maximum concentration values in mg/l except for pH, colour, and SAR
		pH	6.5 to 8.5
		Suspended Solids	100
		Colour, P.C.U (Platinum Cobalt Units)	150
		Bio-Chemical Oxygen Demand [3days at 27°C] (BOD ₃)	30
		Oil and Grease	10
		Chemical Oxygen Demand (COD)	250
		Total Chromium as (Cr)	2.0
		Sulphide (as S)	2.0
		Phenolic Compounds (as C ₆ H ₅ OH)	1.0
		Total Dissolved Solids Inorganic (TDS)	2100**
		Sodium Absorption Ratio (SAR)	26**
		Ammonical Nitrogen (as N)	50

NOTES:

- *In case of direct disposal into rivers and lakes, the Central Pollution Control Board (CPCB) or State Pollution Control Boards / Pollution Control Committees (SPCBs / PCCs) may specify more stringent standards depending upon the quality of the recipient system.
 - **Standards for TDS and SAR shall not be applicable in case of marine disposal through proper marine outfall.
 - The treated effluent shall be allowed to be discharged in the ambient environment only after exhausting options for reuse in industrial process / irrigation in order to minimise freshwater usage.
 - Any textile unit attached with the Common Effluent Treatment Plant (CETP) shall achieve the inlet and treated effluent quality standards as specified in serial number 55 of Schedule-I to the Environment (Protection) Rules, 1986 and shall also be jointly and severally responsible for ensuring compliance.
 - The standalone Micro, Small and Medium Enterprises (MSMEs) as per the MSME Development Act, 2006 shall meet the values specified above.
 - The standalone large scale units shall meet the values specified above; however, CPCB or SPCBs / PCCs with the approval of CPCB, may mandate Zero Liquid Discharge in Large scale units in environmentally sensitive / critical areas.
 - The TDS value with respect to treated effluent shall be 2100 milligramme per litre; however, in case where TDS in intake water is above 1100 milligramme per litre, a maximum contribution up to 1000 milligramme per litre shall be permitted provided the maximum value of 3100 milligramme per litre is not exceeded in the treated effluent.
- (b) serial numbers 7 and 92 and the entries relating thereto, shall be omitted;

[F. No. Q-15017/30/2004-CPW]

DR. RASHID HASAN, Adviser

Note : The principal rules were published in the Gazette of India, Extraordinary, Part II, Section 3, Sub-section (i), *vide* number S.O. 844 (E), dated the 19th November, 1986 and subsequently amended *vide* the following notifications, namely:-

S.O. 433 (E), dated the 18th April 1987; G.S.R. 176(E), dated the 2nd April, 1996; G.S.R. 97 (E), dated the 18th February, 2009; G.S.R. 149 (E), dated the 4th March, 2009; G.S.R. 543(E), dated the 22nd July, 2009; G.S.R. 739 (E), dated the 9th September, 2010; G.S.R. 809(E), dated, the 4th October, 2010, G.S.R. 215 (E), dated the 15th March, 2011; G.S.R. 221(E), dated the 18th March, 2011; G.S.R. 354 (E), dated the 2nd May, 2011; G.S.R. 424 (E), dated the 1st June, 2011; G.S.R. 446 (E), dated the 13th June, 2011; G.S.R. 152 (E), dated the 16th March, 2012; G.S.R. 266(E), dated the 30th March, 2012; and G.S.R. 277 (E), dated the 31st March, 2012; and G.S.R. 820(E), dated the 9th November, 2012; G.S.R. 176 (E), dated the 18th March, 2013; G.S.R. 535(E), dated the 7th August, 2013; G.S.R. 771(E), dated the 11th December, 2013; G.S.R. 2(E), dated the 2nd January, 2014; G.S.R. 229 (E), dated the 28th March, 2014; G.S.R. 232(E), dated the 31st March, 2014; G.S.R. 325(E), dated the 07th May, 2014, G.S.R. 612, (E), dated the 25th August 2014; G.S.R. 789(E), dated the 11th November 2014; S.O. 3305(E), dated the 7th December, 2015; S.O.4(E), dated the 1st January 2016; G.S.R. 35(E), dated the 14th January 2016; G.S.R. 281 (E), dated the 7th March, 2016; G.S.R. 496(E), dated 09th May, 2016 and lastly amended *vide* notification G.S.R.497(E), dated 10th May, 2016.

DRAFT/28th March, 2016

The following draft notification, which the Central Government proposes to issue under the Environment (Protection) Act, 1986 (29 of 1986), is hereby published for the information of public likely to be affected thereby; and the notice is hereby given that the said draft notification shall be taken into consideration on or after the expiry of a period of thirty days from the date on which this draft has been made available to public through this website. The comments may be sent to MS, CPCB and Mr. Dinesh Runiwal, JD (CP): adaba.cpcb@nic.in and d.runiwal@gov.in

[To be published in the Gazette of India, Extraordinary, Part II, Section 3, Sub-section (i)]
GOVERNMENT OF INDIA
MINISTRY OF ENVIRONMENT, FOREST AND CLIMATE CHANGE
NOTIFICATION
New Delhi, theMarch, 2016

G.S.R. (1). -- In exercise of powers conferred by Sections 6 and 25 of the Environment (Protection) Act, 1986 (29 of 1986), the Central Government hereby makes the following rules further to amend the Environment (Protection) Rules, 1986. Namely :-

1. (1) These rules may be called the Environment (Protection) Amendment Rules, 2016.
 (2) They shall come into force on the date of their publication in the official Gazette.
2. In the Environment (Protection) Rules, 1986 in schedule-I.
 (i) in existing serial number 15 for the existing entries and entries relating thereto, the following serial number and entries shall be added and substituted, namely:-

15. Fermentation Industry (Distilleries, Malteries and Breweries)

(A) Effluent Standards

1. Molasses based distilleries:

A) All molasses based distilleries including yeast manufacturing units shall achieve zero liquid discharge (ZLD) by:

1. Concentrating and incinerating the spent wash. Raw / Bio-methanated spent wash to be concentrated by MEE and / or RO (minimum 45-60 % solids) and incinerated in boiler; or

Concentrating and utilising the spent wash in bio-composting with press mud. Bio-methanated spent wash to be concentrated by MEE and / or RO (minimum 40% by volume with 30% solids) and to be converted into bio compost by mixing with press mud.

2. Other process / non process effluents, RO permeate, MEE condensate etc., shall be suitably treated and reused in the process; and shall not be discharged.

B) New stand alone distilleries (not having sugar unit) or increase in production of standalone distilleries based on molasses shall achieve zero liquid discharge by concentrating and incinerating the spent wash. Raw/Bio-methanated spent wash to be concentrated by MEE and / or R.O. (Min. 55% Solids) and incinerated in boiler.

Other process / non process effluents, R.O permeate, MEE condensate etc, shall be suitably treated and reused in the process: and shall not be discharged.

2. Grain based distilleries:

All grain based distilleries shall achieve zero liquid discharge by decantation, concentration by evaporation and drying. The distilleries shall follow the below route for achieving ZLD.

- The whole stillage shall be decanted, thin stillage shall be evaporated and wet cake and syrup shall be mixed and dried in a dryer and converted into Distillers' Dried Grains with Solubles (DDGS)
- The moisture content of DDGS should not be more than 10 %.
- Other non process effluents, R.O permeate, MEE condensate etc, shall be suitably treated and reused in the process; and shall not be discharged
- Industries those shall operate on both grain and molasses shall have both the systems for achieving ZLD.

3. Any other process / industry producing alcohol by distillation:

Any other process / industry producing alcohol by distillation shall achieve zero liquid discharge by adopting suitable treatment methods.

4. Breweries, Malteries and Stand alone bottling units:

All Breweries, Malteries and Stand alone bottling units shall achieve the following discharge standards by giving suitable treatment for their effluent.

S. No.	Parameter	Standard (Concentration not to exceed mg/lit except for pH and colour & odour)
1.	pH	6.5-8.5
2.	Colour and odour	All efforts should be made to remove colour and unpleasant odour as far as practicable
3.	Suspended solids	100
4.	BOD (3 days at 27°C)	30
	Disposal in to inland surface water or river / streams	
	Disposal on land or for irrigation	

Those distilleries who want to adopt any alternative technology equivalent to concentration and incineration such as as spray drier with boiler, rotary dryer with aux fuel & boiler, gasification, etc shall get it approved from respective State Pollution Control Boards.

(B) Emission Standard:

The spent wash incineration boiler shall achieve the emission norm of 50 mg/Nm^3 in case of new boiler and 150 mg/Nm^3 in case of existing boilers for Particulate matter Emissions.

[F. NO. Q-15017/20/2015-CPW]

(Dr. Rashid Hasan)
Advisor

Note- The principal rules were published in the Gazette of India, Extraordinary, Part II, Section 3, Sub-section (i) *vide* number S.O. 844 (E), dated the 19th November, 1986 and subsequently amended *vide* the following notifications:-

S.O. 433 (E), dated the 18th April 1987; G.S.R. 176(E) dated the 2nd April, 1996; G.S.R. 97 (E), dated the 18th February, 2009; G.S.R. 149 (E), dated the 4th March, 2009; G.S.R. 543(E), dated the 22nd July, 2009; G.S.R. 739 (E), dated the 9th September, 2010; G.S.R. 809(E), dated the 4th October, 2010, G.S.R. 215 (E), dated the 15th March, 2011; G.S.R. 221(E), dated the 18th March, 2011; G.S.R. 354 (E), dated the 2nd May, 2011; G.S.R. 424 (E), dated the 1st June, 2011; G.S.R. 446 (E), dated the 13th June, 2011; G.S.R. 152 (E), dated the 16th March, 2012; G.S.R. 266(E), dated the 30th March, 2012; and G.S.R. 277 (E), dated the 31st March, 2012; and G.S.R. 820(E), dated the 9th November, 2012; G.S.R. 176 (E), dated the 18th March, 2013; G.S.R. 535(E), dated the 7th August, 2013; G.S.R. 771(E), dated the 11th December, 2013; G.S.R. 2(F), dated the 2nd January, 2014; G.S.R. 229 (E), dated the 28th March, 2014; G.S.R. 232(E), dated the 31st March, 2014; G.S.R. 325(E), dated the 07th May, 2014; G.S.R. 612, (E), dated the 25th August 2014; G.S.R. 789(E), dated the 11th November 2014; S.O. 3305(E), dated the 7th December, 2015; S.O. 4(E), dated the 1st January, 2016 and lastly amended *vide* notification G.S.R. 35(E), dated 14th January, 2016.

BEFORE THE HON'BLE NATIONAL GREEN TRIBUNAL, PRINCIPAL BENCH,
DELHI

M.C.Mehta

vs.

Union of India & Ors.

O.A.No. 200/2014

(C.W.P. No. 3727/1985)

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New Delhi

Dated: 07-11-2016

Green Tribunal, New Delhi
No. 6166/2016
3-11-2016
of Receiver Officer

Panchajanya

Ms.Panchajanya Batra Singh

Advocate / Counsel for MEF&CC

479, Lawyers' Chambers, Saket Courts, New Delhi - 17

E-mail: ycaadvocates@gmail.com

Phone: 931238208, 981146693

BEFORE THE HON'BLE NATIONAL GREEN TRIBUNAL
PRINCIPAL BENCH DELHI

ORIGINAL APPLICATION NO. 200 OF 2014

M.C. MEHTA

APPLICANT

VS

UNION OF INDIA & ORS.

RESPONDENT(S)

ADDITIONAL AFFIDAVIT ON BEHALF OF RESPONDENT NO. 1, THE
MINISTRY OF ENVIRONMENT, FOREST & CLIMATE CHANGE, NEW DELHI.

I, Dinesh Runiwal S/o Shri K C Runiwal aged about 36 Years working as Scientist 'D' in the Ministry of Environment, Forest and Climate Change, Indira Paryavaran Bhawan, Jor Bagh Road, New Delhi- 110003, do hereby solemnly affirm and state as hereunder:

1. That, I am well acquainted with the facts and circumstances of the case. I have been duly authorized by the Ministry of Environment, Forest and Climate Change (MoEF&CC), Respondent no. 1 to depose before this Hon'ble Tribunal through this additional affidavit and I am competent to file this affidavit.

2. That, as per the Business of Allocation Rules, 1961 (amended up to 01.10.2016), the matter related to Rejuvenation and Conservation of River Ganga are allotted to Ministry of Water Resources, River Development and Ganga Rejuvenation (MoWR, RD & GR) under the following serial nos.:

30A. National Ganga River Basin Authority including the Mission Directorate, National Mission for Clean Ganga and other related matters of Ganga Rejuvenation. (Annexure-I: relevant part of Allocation of Business Rules, 1961, amended as on 01.10.2016)

30B. Conservation, development, management and abatement of pollution in river Ganga and its tributaries.

Accordingly, MoEF&CC has written a letter dated 03.11.2016 to MoWR, RD & GR with a view to comply the directions passed by the Hon'ble NGT vide its order dated 25.10.2016. A copy of the same is annexed as Annexure-II.

It is, therefore, prayed that the latest information pertaining to total number of drains at Segment-B Phase-I, nature of effluent, extent of sewage in those drains, total load of pollution upon river Ganga and its Tributaries may be sought from the concerned Ministry viz. MoWR, RD & GR.

Recd
Amber
7/11/16.

3. That, it is submitted that CPCB is a technical advisory body to MoEF&CC and serves as its field formation and the Hon'ble Tribunal vide its order dated 19.10.2016 had issued the following directions:

"... that the Member Secretary, CPCB, Chief Engineer of U.P. Jal Nigam, Senior most Chief Environmental Officer of U.P. Pollution Control Board and representative from the Ministry of Water Resources shall personally visit the area falling in Segment 'B' of Phase-I in terms of our Judgement and as aforesated. They will identify how many drains join river Ganga or its tributaries and make observations in relation to quantum and quality of effluent that is going to river Ganga or its main tributaries through them. Let this report be submitted before the next date of hearing."

4. That, MoEF&CC, has always abided to the directions and orders of the Hon'ble Tribunal. It is, therefore, prayed that MoEF&CC may be exempted from imposition of cost of ₹50,000 for any adjournment or deferment mentioned in the order dated 25.10.2016.

5. That, MoEF&CC, has always filed affidavits and compliance statements, after due approval of the competent authority, through its authorized representative. It is, therefore, prayed that permission may be granted for filing affidavit through authorized representative instead of Additional Secretary to the Government of India.


DEPONENT

(दिनेश रूनीवाल)
(DINESH RUNI WAL)
वैज्ञानिक 'डी' / Scientist 'D'
पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय
Min. of Environment, Forest and Climate Change
भारत सरकार, नई दिल्ली
Govt. of India, New Delhi

VERIFICATION

Verified at New Delhi _____ on _____ this day of November, 2016 that the contents of the above affidavit are correct to the best of my knowledge and belief and nothing material has been suppressed or concealed therein.


DEPONENT

(दिनेश रूनीवाल)
(DINESH RUNI WAL)
वैज्ञानिक 'डी' / Scientist 'D'
पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय
Min. of Environment, Forest and Climate Change
भारत सरकार, नई दिल्ली
Govt. of India, New Delhi



Government of India (Allocation of Business) Rules, 1961

भारत सरकार (कार्य आबंटन) नियम, 1961

(As Amended up to 1st October, 2016)

(1 अक्टूबर, 2016 तक यथा संशोधित)



CABINET SECRETARIAT

मंत्रिमंडल सचिवालय

MINISTRY OF WATER RESOURCES, RIVER DEVELOPMENT AND GANGA REJUVENATION (JAL SANSADHAN, NADI VIKAS AUR GANGA SANRAKSHAN MANTRALAYA)¹

I. GENERAL

1. Development, conservation and management of water as a national resource; overall national perspective of water planning and coordination in relation to diverse uses of water and interlinking of rivers.²

2. National Water Resources Council.

3. General Policy, technical assistance, research and development training and all matters relating to irrigation, including multi-purpose, major, medium, minor and emergency irrigation works; hydraulic structures for navigation and hydro-power; tube wells and groundwater exploration and exploitation; protection and preservation of ground water resources; conjunctive use of surface and ground water, irrigation for agricultural purposes, water management, command area development; management of reservoirs and reservoir sedimentation; flood (control) management, drainage, drought proofing, water logging and sea erosion problems; dam safety.

4. Regulation and development of inter-State rivers and river valleys. Implementation of Awards of Tribunals through Schemes, River Boards.

5. Water Laws, legislation.

6. Water quality assessment.

7. Cadre control and management of the Central Water Engineering Services (Group A).

II. INTERNATIONAL ASPECTS

8. International organisations, commissions and conferences relating to water resources development and management, drainage and flood control.

9. International Water Law.

10. Matters relating to rivers common to India and neighbouring countries; the Joint Rivers Commission with Bangladesh, the Indus Waters Treaty 1960; the Permanent Indus Commission.

11. Bilateral and external assistance and cooperation programmes in the field of water resources development.

III. ORGANISATIONS AND BODIES UNDER THE MINISTRY

12. Central Water Commission.

13. Central Soil and Materials Research Station.

14. Central Groundwater Board.

15. Central Ground Water Authority.

16. Central Water & Power Research Station.

¹ Modified vide Amendment series no.306dated 31.07.2014

² Modified vide Amendment series no.306dated 31.07.2014

17. Farakka Barrage Project.
 18. Ganga Flood Control Commission.
 19. Farakka Barrage Project Control Board.
 20. Sardar Sarovar Construction Advisory Committee.
 21. Brahmaputra Board.
 22. Narmada Control Authority.
 23. Betwa River Board.
 24. National Institute of Hydrology.
 25. National Water Development Agency.
 26. Bansagar Control Board.
 27. Tungabhadra Board.
 28. Upper Yamuna River Board.
 29. Water and Power Consultancy Services (India) Ltd. (WAPCOS).
 30. National Projects Construction Corporation Limited.
 - 30A. National Ganga River Basin Authority including the Mission Directorate, National Mission for Clean Ganga and other related matters of Ganga Rejuvenation.¹
 - 30B. Conservation, development, management and abatement of pollution in river Ganga and its tributaries.²
- IV. ADMINISTRATION OF ACTS
31. The Northern Indian Canal & Drainage Act, 1873 (8 of 1873).
 32. The Inter-State River Water Disputes Act, 1956 (33 of 1956).
 33. The River Boards Act, 1956 (49 of 1956).
 34. The Betwa River Board Act, 1976 (63 of 1976).
 35. The Brahmaputra Board Act, 1980 (46 of 1980).

¹ Inserted vide Amendment series no.306dated 31.07.2014

² Inserted vide Amendment series no.306dated 31.07.2014



सत्यमेव जयते

Ministry of Environment, Forest and Climate Change

सर्वोच्च न्यायालय

भारत सरकार का सर्वोच्च न्यायालय

Supreme Court

सर्वोच्च न्यायालय का भवन

D.O. No. Q-17012/11/2014-CPW

November 3, 2016

Dear

This has reference to the Hon'ble National Green Tribunal (NGT) orders, dated 25/10/2016 and 19/10/2016 regarding the Original Application No. 200/2014 pertaining to Ganga matters.

2. In its order dated 25/10/2016, the Hon'ble NGT has directed Ministry of Water Resources, River Development and Ganga Rejuvenation (MOWR, RD&GR) to file an affidavit on total number of drains at Segment-B Phase-I, nature of effluent, extent of sewage those drains carry, total load of pollution upon river Ganga and its tributaries. In the same order, it has also directed MoEF&CC to coordinate and cooperate with the MoWR, RD&GR and take a joint stand, if possible and also file an affidavit on the same lines.

3. Vide its order dated 19/10/2016 the Hon'ble NGT had constituted a team of CPCB, U.P. Jai Nigam, UPPCB along with MoWR, RD&GR representative to personally visit the area falling in Segment 'B' of Phase I to identify the number of drains joining river Ganga or its tributaries and make observation on the quantum and quality of effluent that is going into river Ganga or its tributaries. The report on this is yet to be submitted to Hon'ble NGT.

4. It shall, therefore, be appreciated that, as per the order of the NGT, MoWR, RD&GR may carry out the inspection and convene the meeting to finalize the report for submission to the NGT. Ministry may please be invited to this meeting.

With regards,

Yours sincerely,

Sd/-

(A.N. Jha)

Shri Shashi Shekhar,
Secretary,
Ministry of Water Resources, River Development
& Ganga Rejuvenation,
Shram Shakti Bhawan,
New Delhi-110001

Copy to:

Shri S.P.S. Parihar, Chairman, Central Pollution Control Board, Parivesh Bhawan, CBD-cum-Office Complex, East Arjun Nagar, Delhi - 110 032..... for information and necessary action.



(A. N. Jha)