BEFORE THE NATIONAL GREEN TRIBUNAL, PRINCIPAL BENCH, NEW DELHI

M.A. No.879 of 2013 In Original Application No.299 of 2013

IN THE MATTER OF:

Krishan Kant Singh & Anr. Vs. National Ganga River Basin Authority & Ors.

CORAM : HON'BLE MR. JUSTICE SWATANTER KUMAR, CHAIRPERSON HON'BLE MR. JUSTICE M.S. NAMBIAR, JUDICIAL MEMBER HON'BLE DR. D.K. AGRAWAL, EXPERT MEMBER HON'BLE DR. R.C. TRIVEDI, EXPERT MEMBER

Applicant : Ms. Preeta Dhar and Ms. Pallavi Jalware, Present: **Advocates** Mr. Aagney Sail, Local Commissioner Mr. Vikas Malhotra and Mr. M.P. Sahay, Respondent No. 1&2: Advocates Respondent No. 3: Mr. Alpana Poddar and Mr. Raj Kumar, Advocates with Mr. S.L. Gundihi, Law Officer Respondent No. 4: Mr. B.V. Niren, Advocate Mr. Mr. Raman Yadav and Ms. Nauras **Respondent No. 5:** Suhrawardy Mr. Vikas Malhotra and Mr. Arjun Mahajan Respondent No. 7: Mr. Arvind Kumar Shukla, Advocate **Respondent No. 8:** Mr. Pradeep Misra and Mr. Daleep Kumar A CONTRACTOR Dhavani, Advocates, UPPCB Mr. Anil Airi, Advocate for CETP Mr. Rohit Gupta, Advocate for Rosa Power Supply Co., Ltd., Noticee - IFFCO - Mr. Motish K. Singh Noticee - Mr. M.Z. Chaudhary and Mr. S.A. Zaids, Advocates for Mr. Tonnery Kapur for Unit Small Scale on a Large Scale Noticee - Mr. Shiv Kumar for Mr. Anil Sharma, Advocate Noticee - Mr. Gitanshu Rushtagi and Mr. Mishika Singh, Advocates for M/s. Yaov Sugar Mills, M/s. Neoli Sugar Mills, M/s. Obeetee Pvt. Ltd., and M/s. Lalji Board Industries Noticee - Mr. Pawan Upadhyay, Advocate - DCM for Shri Ram Industries Noticee - Mr. Bharat Sangal, Ms. Srijana Lama and Ms. I. Hsenia Aier, Advocates for NTPC Noticee - Mr. V.N. Kovra, Ms. Angeli Dayal for IOCL Noticee - Ms. Ranjana Roy, Mr. Abhishek Rao, Advocates for M/s. Bhushan Steel Noticee - Mr. Sudhir Kulshreshtha, Ms. Sushma Singh and Mr. Akhil Kulshreshtha, Advocates for AI-Faheem Meatex Pvt. Ltd., Noticees - Mr. Ankur Khandelwal, Advocate for M/s. Khaitan & Co., M/s. Radico Khaitan and M/s. Ultratech Cements and M/s. United Spirits Limited. Noticees - Mr. Manoj Singh, Advocate for M/s.

Noticees - Mr. Manoj Singh, Advocate for M/s. Tat Chemicals Ltd.,

Date and Remarks	Orders of the Tribunal			
 Item No. 11	Learned Counsel appearing for the Central Pollution			
September 15, 2014	Control Board submits that they would file the Report			

during the course of the day in the Registry. Liberty is granted. Learned Local Commissioner submits that he would also file the Report during the course of the day. Liberty is granted. We direct the Central Pollution Control Board as well as the Learned Local Commissioner to put the Report prepared by the Committee and as well as the Learned Local Commissioner on the website of the Central Pollution Control Board within three days from today. All the industries which are mentioned in the respective Report should accept Notice through the website and file their Replies/objections of the Report, if any, within ten days thereafter. The matter in relation to pollution being caused by Distillery and Sugar Industry directly or indirectly to River Ganga shall be taken up on 29th October, 2014.CP (Swatanter Kumar)JM (M.S. Nambiar)EM (Dr. D.K. Agrawal) For all of The state is [9] millEM (Dr. R.C. Trivedi)

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BEFORE THE NATIONAL GREEN TRIBUNAL PRINCIPAL BENCH, NEW DELHI

M.A No. 879 of 2013 in Original Application No. 299 of 2013

Krishan Kant Singh & Anr.

Applicant

Vs

National Ganga River Basin Authority & Ors

Respondent

Compliance Statement on behalf of Central Pollution Control Board.

In compliance of the order passed by the Hon'ble Tribunal dated 05-08-2014 the status of Grossly Polluting Industries (GPI) operating in the state of Uttar Pradesh is enclosed.

<u> </u>	ND	EX	
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	Context	Page No.
Annexure	Context	1-11
۱.	Inspection Reports with regards to the industried	
	listed in Annexure A of the report dated 2	
	July,2014 received from Zonal Office, of OD,	
	Lucknow	12-54
11.	Inspection reports of GPIs (sugar mills & distinctly units) operating under Regional Office, UPPCB,	12 0 .
	Bijnor	55-73
III .	Inspection reports of GPIs (sugar mins & distinctly units) operating under Regional Office, UPPCB, Bulandebahar	
	Bulanushanan	74-103
IV.	units) operating under Regional Office, UPPCB,	
	Gnazladad	104-133
V .	units) operating under Regional Office, UPPCB,	
	Meerul	134-191
VI.	units) operating under Regional Office, UPPCB,	
	Moradabad	192-241
VII.	units) operating under Regional Office, UPPCB	
	Wuzzanamayan	242-278
VIII.	units) operating under Regional Office, UPPCB,	
	Sanaranpur	

Submission:

- i. All the grossly polluting industries listed in the **Annexure A** of the joint report (dated July 2nd, 2014) and submitted to Hon'ble Tribunal have been inspected except M/s Harduaganj Thermal Power Station, Kashimpur, Aligarh of M/s Uttar Pradesh Rajya Vidyut Utpadan Ltd. The unit is scheduled to be inspected during September 16-17, 2014.
- ii. 25 units out of 63 distillery and fermenting units and 37 mills out of 125 sugar mills have been inspected and monitored at the time of submission of this compliance statement.

- iii. No sugar mill was found in operation due to off season. Only 2 distillery units and 2 bottling plants were found in operation. The effluent and emission samples, as and where applicable, were collected and are subjected to analysis. The effluents analysis is complete and has been incorporated in the respective reports, whereas the emission sample analysis is in progress at the time of submission of this statement.
- iv. The sugar mills are expected to restart production sometime between October-November, 2014 which will follow the distillery units to restart their operation in January,2015.The Hon'ble Tribunal may allow time for inspection until the sugar mills and distillery units come into operation in their full production capacity.

DELHI The September 10, 2014 Suneel Dave Sr. Environmental Engineer & Incharge NGRBA Central Pollution Control Board Parivesh Bhawan East Arjun Nagar Delhi -110032

Encl. As Above

Through Raj Kumar Advocate Chamber No. 774 Lawyers Chamber Saket New Delhi

Joint Inspection of identified Seriously polluting Industries which have not installed Anti Pollution Devices, in Uttar Pradesh (UP) In Compliance of

NGT Order dt. 05.08.2014, Krishna Kant Singh & Anr. V/s National Ganga River Basin Authority & Ors.

A Report

01. Background

Taking note of the Report Dt. 02.07.2014 filed in the Registry of the Tribunal on 24.07.2014 wherein, 972 industries have been categorized under different heads, Hon'ble NGT vide its order dated 05.08.2014 in the matter of MA 879 of 2013 in OA 299 of 2013, Krishna Kant Singh & Anr. V/s National Ganga River Basin Authority & ors, directed ".....Central Pollution Control Board and Uttar Pradesh Pollution Control Board to conduct a joint inspection of all the industries which are shown in Annexure-A to this Report. These industries are categorized as seriously polluting industries which have not installed any anti-pollution devices." Hon'ble NGT further directed that "....The Committee shall confirm that the contents of Annexure-A of the Report are correct. In respect of the industries which were served with Show Cause Notice for closure it shall be reported as to what is the fate after the issuance of such notices and the present status of the industry whether they are operating or not? "

In compliance to the order, CPCB Zonal Office Lucknow carried out joint inspection of 17 (seventeen) industries, as per Annexure-A under reference. These industries are located in Kanpur, Farrukhabad, Meerut and Aligarh districts (UP)

The joint inspection was executed by a team comprising of following members:

- a. Dr. R.K.Singh, Scientist 'D' CPCB ZO Lucknow
- b. Sh T.U.Khan, Regional Officer, UPPCB
- c. Sh J.P. Meena, Scientist 'B', CPCB ZO Lucknow
- d. Sh Girish Arya, AEE, UPPCB
- e. Sh Prakhar Katiyar, UPPCB

02. Scope of Investigation

In strict compliance of the Hon'ble NGT Order referenced above, the joint inspection was focused on following aspects

- a. Confirmation of the contents of Annexure-A
- b. Status of corrective measures taken by the industries, served with show Cause Notice for Closure
- c. Present Status of the industry whether they are operating or not.

NGT Report (OA 299 of 2013), Aug. 2014

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The joint inspection was undertaken for the following 17 (seventeen) industries as identified

- 1. M/s Popular Tannery, Dargah Road, Jajmau, Kanpur
- Kanpur Tannery, 9/6 Gajjupurwa, Jajmau, Kanpur
- 3.
- A.S. Leather Finishers, 369 B, Sheetla Bazar, Jajmau, Kanpur Sumit Dyeing & Bleaching, 100 A (inadvertently mentioned as 101 A, 4. Dadanagar, Kanpur
- 5. " Kanpur Texcel (P) Ltd., 12 B/3, Dadanagar, Kanpur
- Bhardwaj Textile,76 A, Dadanagar, Kanpur 6.
- Slaughter House, Bakarganj, Babupurwa, Kanpur 7.
- 8. " Slaughter House, Colonelgang, Kanpur "
- Slaughter House, Bakarmandi, Kanpur 9.
- Slaughter House, Fazalganj, Kanpur 10. "
- 11. "Kalpana Dyeing, Ambedkar Nagar, Narkasa, Farrukhabad 12. " Kushwaha Printers, Narkasa, Farrukhabad
- 13. " Sethu Sadh, Angoori Bagh, Farrukhabad
- 14. " Tandon Brothers, Angoori Bagh, Farrukhabad 15. "Slaughter House, Shamsabad, Farukhabad
- 16. "Pashuvadhshala, Nagar Nigam, Ghosipur, Meerut
- 17. " Harduaganj Thermal Power Station, Kasimpur(Unit-1), Aligarh

In order to execute surveillance and monitoring as per the order of Hon'ble NGT, joint inspection of all the above industries was undertaken during Aug 27-29, 2014.

Findings

A. Abridged status

- a. Except for a few units observed with evidence of operation, most of the industries inspected were observed closed for a considerable period of time. The closure have either been a results of closure orders issued by UPPCB or due to Management Decision of the
- b. In many cases it was noted that the industry premises were either vacant or used for construction of permanent residential flats and commercial activities.
- c. The Committee experienced difficulty in locating industries in Farrukhabad, as there were no signboards outside industry premises to ascertain industry name and other relevant detail.
- d. The industries issued with Show Cause Notice or Closure orders were observed with no appreciable corrective measures initiated.

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B. Specific issues

- a. Out of all the fifteen industries inspected, there were three units classified as tanneries, seven textile dyeing / printing and/or bleaching units and five slaughter houses.
- b. Out of the three units at Kanpur, identified as tanneries, premises of two units namely M/s Popular Tannery and M/s Kanpur Tannery, were observed with no industrial activity. Premises of M/s Popular Tannery was noted with an operational Weigh Bridge (*Dharam Kanta*), built-up houses and commercial activities. Premises of M/s Kanpur Tannery was partly a vacant land and partly occupied with residential flats. Premises of the third unit namely M/s A.S. Leather Finishers, was noted with ongoing stitching operations of shoe upper, a visibly dry operation. As such there was no infrastructure facility of leather processing.
- c. There were three textile units inspected at Kanpur. During inspection, production in all the three units was found closed. Barring the exception of M/s Kanpur Texcel (P) Ltd., 12 B/3, Dadanagar, Kanpur, wherein, provision of effluent collection and treatment was observed in place, at the other two units namely M/s Sumit Dyeing & Bleaching, 100 A, Dadanagar, Kanpur and M/s Bhardwaj Textile,76 A, Dadanagar, Kanpur, there was no proper provision of collection and treatment of industrial effluent. The ETP at these two latter units was poorly damaged and practically defunct. The Committee observed evidence of occasional operation of industry based on stored effluent in drains and in and around process areas within industry premises.
- d. Out of four slaughter houses inspected in Kanpur and the one inspected at Farrukhabad, it was noted that UPPCB has issued closure orders (21.11.2013) under the Water Act 1974 to all the above slaughter houses. Subsequently, Nagar Panchayat Farrukhabad and Kanpur Nagar Nigam have submitted Compliance Report declaring closure of one slaughter house at Farrukhabad and all the four slaughter houses in Kanpur vide reports dt. 21.12.2013 and 24.12.2013 respectively. It was noted that there have been no provision of effluent treatment at all the above mentioned slaughter houses.
- e. All the four identified Textile Printing units at Farrukhabad were observed closed.
- f. Refer Annexure- A.1 and A.2 for summarized status of industries.

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03. Recommendations

A. Action to be taken by Industries

- a. All the industries issued with Show Cause Notice / Closure orders shall ensure that their production is stopped till such time they establish organized system of effluent collection and treatment in compliance of the notified standards for treated effluent.
- b. Before resuming operations all the industries shall apply for seeking consent and authorization (as the case may be) of UPPCB
- c. M/s Kanpur Texcel (P) Ltd., 12 B/3, Dadanagar, Kanpur, the only unit granted consent by UPPCB amongst all the identified fifteen industries under reference, shall undertake regular operation of Effluent Treatment Plant (ETP). Additionally the industry shall ensure provision of Oil and Grease removal unit at source (within the process yard), Water meter at the borewell, Flow Meter at the outlet of ETP, sludge drying units (beds) and shall maintain Logbook for ETP operation. The industry is operational as a result of shifting of dyeing plant, earlier existed at its parent plant (self closed) at 19, Govt. Industrial Estate, Kalpi Road, Kanpur.
- d. Textile units operational in Farrukhabad shall jointly come up with a proposal for establishment of a Common Effluent Treatment plant.
- e. All the textile printing units in Farrukhabad shall display their name, address and relevant detail outside their premises.
- f. All the industries (self) closed due to their Management Decision shall resume their operation only after seeking consent of UPPCB

B. Action to be taken by UPPCB

- a. Undertake periodic surveillance of all the units served with Closure Orders to ensure their operation remain stopped.
- b. Possibility shall be explored to establish a Common Effluent Treatment Plant for printing units at Farrukhabad.

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C. Action to be taken by District Administration

<u>Kanpur</u>

- a. Considering that the existing slaughter houses in Kanpur city are served with closure orders by UPPCB, the Municipal Corporation Kanpur shall strictly ensure that unauthorized slaughtering in all the four slaughter house premises is not undertaken.
- b. The Corporation shall further come out with a comprehensive action plan to explore possibility to establish a modernized Slaughter House elsewhere, preferably in the city outskirts appropriately.

Farrukhabad

Farrukhabad Nagar Palika and District Administration shall take note of the Dyeing and Printing units served with closure orders by UPPCB under the Water Act 1974. In spite of the Closure orders currently enforced, there is a generation of polluted (colored) effluent by a phenomenal number of unauthorized printing units operational in non-attainment areas (houses). Indiscriminate discharge of polluted (colored) effluent through drains in the city especially in Angooribagh area was observed by the Committee. Farrukhabad District Administration and Nagar Palika shall ensure that such unauthorized units are not allowed to operate in strict accordance to Hon'ble Supreme Court, orders dt. 23.09.2013 under WP no. 4295 / 2011

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Annexure A.1	
	lution Devices

Source of Water	Ground Water	Ground Water	Ground Water	Ground Water	Ground Water	Ground Water
Water Requirement (KI/d)	06 KL/d as per industry claim. Could not be verified as industry not in operation	08 KL/d as per industry claim. Could not be verified as industry not in operation	08 KL/d as per industry claim. Could not be verified as industry not in operation	Industry has no record for estimation	02 KL/d as per industry claim. Could not be verified as industry not in operation	10 KL/d as per industry claim. Could not be verified as industry not in operation
ETP Status	No ETP	ETP damaged and defunct	ETP damaged and defunct	ETP exists	No ETP	No ETP
Operational Status	Not in Operation (Self Closed)	Evidence of frequent operation noted during inspection. Unit was not operational during inspection.	Evidence of frequent operation noted during inspection. Unit was not operational during inspection.	Industry in operation. Not operational during inspection due to problem reported in boiler	Not in Operation (Self Closed)	Not in Operation in compliance of Closure Orders (Feb . 2009) by UPPCB
Date of last Inspection by UPPCB	08.08.14	08.08.14	08.08.14	25.08.14	08.08.14	08.08.14
Category	Dyeing & Printing	Dyeing	Dyeing & Bleaching	Textile	Dyeing & Printing	. Dyeing & Printing
Name & Address of Industry (M/s)	Kalpana Dying, Ambedkar Nagar, Narksa, Farrukhabad	Sumit Dyeing & Bieaching, 100 A, Co Operative Industrial Estate, Dada Nagar, Kanbur,	Bhardwaj Textile, 76 A, Co Operative Industrial Estate, Dada Nagar, Kannur	Kanpur Texcel (P) Ltd., 12 B/3, Dada Nagar, Kanpur	Kushwaha Printers Narkasa, Farrukhabad	Sethu Sadh Angoori Bag Farrukhabad
S.No.	~~	2	ĸ	4	Ω	ဖ

Status of Seriously Polluting Industries which have not Installed Anti Pollution Devices (As on 31.08.2014)

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Ground Water	I	I	8			Ground Water	ing 16-
06 KL/d as per industry claim. Could not be verified as industry not in operation	≠	1	1	⊃CB HO Team ⊁ -	J	30 KL/d as per industry claim. Could not be verified as industry not in operation	re inspected dur
No ETP	I	1	I	urnished by Cf	No ETP	No ETP	* Joh
Not in operation in compliance of Closure Orders (Dec. 2009) by UPPCB	No plant machinery exist in the premises.	Premises used for residential/ commercial purpose, no industrial activity in practice	No infrastructure for leather processing exists. Premises used for stitching of shoe upper (Dry Operation)	Information to be f	Not in operation, as: per report submitted by Kanpur Nagar Nigam (24.12.2013). Premises observed barren	Not in operation, as per report submitted by Kanpur Nagar Nigam (24.12.2013).	
08.08.14	09.08.14	09.08.14	09.08.14		11.08.14	11.08.14	
Printing	Tannery	Tannery	Tannery	Thermal Power	Slaughter House	Slaughter House	
Tandon Brothers, Anguribagh, Farrukhabad	Popular Tannery, 91/77 Idgah Rd, Jajmau, Kanpur	Kanpur Tannery, 9/6, Gajju Purwa, Jajmau, Kanpur	A.S. Leather Finishers, 369 B Sheetla Bazar, Jajmau, Kanpur	M/s. Harduganj Thermal Power Station, (Unit-I) Kasimpur Aligarh.	Slaughter House, Bakarganj, (Nagar Nigam Kanpur), Kanpur	Slaughter House, Colonel ganj, (Nagar Nigam Kanpur), Kanpur	
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- Water	7.5 KL/d as per mdustry claim. Could not be verified as industry not in operation Water	Ground Water	CBHOTEam (Support en closed)
No ETP	No ETP	No ETP	furnished by CF
Not in operation, as per report submitted by Kanpur Nagar Nigam (24.12.2013)	Not in Operation. As per report submitted by Kanpur Nagar Nigam (24.12.2013) slaughtering is stopped.	Not in Operation, as per report submitted by Nagar Panchayat (21.12.2013)	Information to be 1
11.08.14	11.08.14	08.08.14	
Slaughter House	Slaughter House	Slaughter House	Slaughter House
Slaughter House, Bakermandi, (Nagar Nigam Kanpur), Kanpur	Slaughter House, Fazalganj, (Nagar Nigam Kanpur), Kanpur	Slaughter House, Samsabad, (Nagar Panchayat), Farrukhabad	Pashuvadhshala Nagar Nigam, Ghosipur, Meerut
14	15	16	17

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Status of Seriously Polluting Industries which have not Installed Anti Pollution Devices (As on 31.08.2014)

dyeing plant earlier existed at its parent plant(self closed) at 19,Govt. Industrial Area, Kalpi Rd., Kanpur Closure orders by UPPCB in process Closure orders by UPPCB in process Remarks / Action Taken if Any operation (Self Closed) Industry not in The industry is operational as a result of shifting Complies, Consent granted by UPPCB valid upto 31.12.2015 Compliance Status of CPCB /SPCB Directions ·•• Not Complying Not Complying ī Show Cause Notice Issued under Water Act, 1974, on Dt. 26-06-14 Show Cause Notice Issued under Water Act, 1974, on Dt. 26-06-14 CPCB/SPCB Directions Å ŝ Ŷ Status of Interlocking System No such system in place Untreated effluent discharge possible as no proper provision of effluent treatment exists Untreated effluent discharge possible as no proper provision of effluent treatment exists Organized system of Effluent collection and treatment provided Status of By-Pass System Industry not in operation (Self Closed) Not in Operation (Self Closed) As per E(P)A Notification Prescribed Norms Sumit Dyeing & Bleaching, 100 A, Co Operative Industrial Estate, Dada Nagar, Name & Address of Industry (M/s) Bhardwaj Textile, 76 A, Co Operative Industrial Estate, Dada Nagar, Kushwaha Printers Narkasa, Farrukhabad Kanpur Texcel (P) Ltd., 12 B/3, Dada Nagar, Kanpur Kalpana Dying, Ambedkar Nagar, Narksa, Farrukhabad Kanpur. Kanpur. S.No. 4 2 Ś Э

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Annexure A.2

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Industry not in operation	Industry not in operation	1	1	No infrastructure for leather processing exists. Premises used for stitching of shoe upper (Dry process)		t
Closed	Closed	No industrial activity in the premises	No industrial activity in the premises	Tanning process closed	CB HO Team	Closed
Closure Order Issued by UPPCB u/s 33A of Water Act, 1974 on Dated 05.02.09	Closure Order Issued by UPPCB u/s 33A of Water Act, 1974 on Dated 12.12.09	1	Closure Order Issued by UPPCB u/s 33A of Water Act, 1974 on Dated 22.06.06	Closure order issued by UPPCB under Water Act, 1974 on Dated 22.06.06	to be furnished by CP0	Closure order issued u/s 33A of Water Act, 1974 on Dated 21.11.13
No such system in place	No such system in place	No such system in place	No such system in place	No such system in place	Information	No such system in place
Industry not in operation	Industry not in operation	Premises used for residential/ commercial purpose, no industrial activity in practice	Premises used for residential/ commercial purpose, no industrial activity in practice	Premises used for stitching of shoe upper. Process does not involve use of water		Not in operation, as per report submitted by Kanpur Nagar Nigam (24.12.2013) Premises observed barren
As per E(P)A Notification	As per E(P)A Notification	As per E(P)A Notification	As per E(P)A Notification	As per E(P)A Notification	As per E(P)A Notification	As per E(P)A Notification
Sethu Sadh, Angoori Bag Farrukhabad	Tandon Brothers, Anguribagh, Farrukhabad	Popular Tannery , 91/77 Idgah Rd, Jajmau,	Kanpur Tannery, 9/6, Gajju Purwa, Jajmau, Kanpur	A.S. Leather Finishers, 369 B Sheetla Bazar, Jajmau, Kanpur	M/s. Harduganj Thermal Power Station, (Unit-I) Kasimpur Alioarh	Slaughter House, Bakarganj, (Nagar Nigam Kanpur), Kanpur
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Closed	Closed	Closed	Closed	38 HO Team
Closure order issued	Closure order issued	Closure order issued	Closure order issued	to be furnished by CPC
u/s 33A of Water	u/s 33A of Water	u/s 33A of Water	u/s 33A of Water	
Act, 1974 on Dated	Act, 1974 on Dated	Act, 1974 on Dated	Act, 1974 on Dated	
21.11.13	21.11.13	21.11.13	21.11.13	
No such	No such	No such	No such	Information
system in	system in	system in	system in	
place	place	place	płace	
Untreated effluent	Untreated effluent	Untreated effluent	Untreated effluent	
discharge possible as	discharge possible as	discharge possible as	discharge possible as	
no provision of effluent	no provision of effluent	no provision of effluent	no provision of effluent	
treatment exists	treatment exists	treatment exists	treatment exists	
As per E(P)A	As per E(P)A	As per E(P)A	As per E(P)A	As per E(P)A
Notification	Notification	Notification	Notification	Notification
Slaughter House, Colonelganj, (Nagar Nigam Kanpur), Kanpur	Slaughter House, Bakermandi, (Nagar Nigam Kanpur),	Slaughter House, Fazalganj, (Nagar Nigam Kanpur), Kanpur	Slaughter House, Samsabad, (Nagar Panchayat), Farrukhabad	Pashuvadhshala Nagar Nigam, Ghosipur, Meerut
13	14	15	16	17

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CENTRAL POLLUTION CONTROL BOARD (Co-ordination Cell)

Date :05-09-2014

Sub: Joint inspection of Sugar and Distilleries operating and discharging the effluent in river Ganga and Yamuna-reg

As per Office order No B-190153/NGRBA/CPCB/2013-14/2035 Dated 25-08-2014 and subsequent meeting with Member Secretary, undersigned was deputed to carry out the inspection of the sugar and distillery industries in the region of Bijnor (UP) jointly with concerned regional officer of UPPCB.

Following industries were inspected during 1-2September, 2014 jointly with representative of UPPCB.

SN	Name of Industry	Туре
1	Bajaj Hindustan Ltd., Bilai, Bijnor (UP)	Sugar
2	Dhampur Sugar Industries Ltd.	Sugar
	Dhampur, Dist-Bijnor (UP)	
3	Dwarikesh Sugar Industries Ltd., Sugar Unit,	Sugar
	Dwarikesh Nagar, PO Bundki, Bijnor (UP)	
4	Kisan Sehkari Chini Mills Ltd.	Sugar
	Sneh Road, Nazibabad, Dist-Bijnor (UP)	
5	PBS Foods (sugar) Pvt. Ltd, Sugar Unit, Chandpur,	Sugar
	Bijnor (UP)	
6	Upper Ganges Sugar & Industries Ltd.	Sugar
	Sugar Unit, Seohara, Dist-Bijnor (UP)	
7	Uttam Sugar Mills Pvt. Ltd., Sugar Unit, Barkatpur,	Sugar
	Bijnor (UP)	
8	Wave Industries Pvt. Ltd., Sugar Unit, Bijnor (UP)	Sugar
9	Dhampur Sugar Industries Ltd.	Distillery
	Dhampur, Dist- Bijnor (UP)	
10	M/s Dwarikesh Sugar Industries Ltd.	Distillery
	Distillery Division, Dwarikesh Nagar,	
	Bundki, Dist-Bijnor	
11	Jain Distillery Pvt. Ltd., 8 ^{er} Km stone, Nagina road,	Distillery
	Village Khadanpur, Bijnor	
12	Mohit Petro Chemicals Pvt. Ltd.	Distillery
	8 ^m Km stone, Nagina road, Bijnor	
13	Upper Ganges Sugar & Industries Ltd.	Distillery
	Distillery Unit, Seohara, Dist-Bijnor	
14	Uttam Sugar Mills Ltd., Distillery Division, Barkatpur	Distillery
	Dist-Bijnor (UP)	

During inspection all the above industries were found closed. The inspection reports of individual industries are placed below for further necessary action please.

(Vijay Prakash Yadav) Scientist 'D'

I/c NGRBA

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CDCD CENTRAL POLLUTION CONTROL BOARD NGRBA Cell

Joint inspection Report: Sugar

A: Ger	neral Information	
1.	Name of the unit and address	Wave Industries Pvt. Ltd. Sugar Unit, Bijnor (UP)
2.	Name of the Proprietor/ Contact person – Designation Contact No.	Uttam Kumar Singh, Sr. Manager
3.	Year of Commissioning.	1930
4.	Sector	Private
5.	Production details.Products	Sugar
6.	Cane crushing capacity	3500 TCD
7.	Cane crushed last year	28,58,000 Qts
8.	Operational Status	It is seasonal industry and presently Industry is not in operation due to off season.
B: Wa	ater Pollution and its Control:	
1.	Water Supply Source(s)	GW through tube well
2.	Water Meter to show consumption	Installed
3.	Flow measuring device installed at outlet of ETP	No arrangement
4.	Waste Water generation	No effluent was found generated due to non-operation of unit.
5.	Waste Water treatment capacity (KLD)	1000 KLD
6.	Details of ETP > ETP Description with flow diagram	Industry has installed the ETP which is comprising of Oil & grease Trap, Equalization Tank, Chemical dosing, Aeration Tank, followed by Secondary clarifier
7.	Waste water discharged (after treatment)(KLD)	No effluent discharge was found during inspection

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8.	Mode of disposal of treated effluent (Details)	On own land adjacent to ETP having eucalyptus plantation.		
C: Air	Pollution and its Control	· · · · · · · · · · · · · · · · · · ·		
1.	Sources of Air Pollution	Boiler 2 Nos. 35 TPH each		
2.	> Type of Fuel used with consumption	Bagasse		
3.	> Stack details	stack of 40 m Height		
4.	> APCS details	Wet scrubber		
5.	Samples collections points (if collected)	Sample could not be collected due to non- operation of unit.		

Photographs indicating locations:

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Remarks

- Due to off season the industry was not in operation and no effluent was observed to be generated from the factory premises.
- The ETP was found in ruined condition and all around the ETP water logging was observed. The ETP is also not easily accessible. ETP requires complete renovation and modification before start of cane crushing.
- Since the industry has no proper discharge outlet so it is require for the industry to utilize its 100% effluent after proper treatment and no way can it be allowed to
- discharge on land in unscientific manner. · Adequacy of the pollution control system may be assessed once the industry resumes its operation.

Date of Inspection: 01-09-2014

Name of officials inspecting : (Name & Designations)

Sh. V. P. Yadav, Sc. 'D', CPCB Sh. Shashi Vindkar, AEE, UPPCB Ms. Garima Dublish, RA, CPCB

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CENTRAL POLLUTION CONTROL BOARD

NGRBA Cell

Joint inspection Report: Sugar

A: Gei	neral Information	
1.	Name of the unit and address	Uttam Sugar Mills Pvt. Ltd. Sugar Unit, Barkatpur, Bijnor (UP)
2.	Name of the Proprietor/ Contact person – Designation	Sh Shailendra Singh HOD, Production
3.	Sector	Private
4.	Production details.Products	Sugar
5.	Cane crushing capacity	7000 TCD
6.	Cane crushed last year	79,50,000 Qts
7.	Operational Status	It is seasonal industry and presently Industry is not in operation due to off season.
B: Wa	ater Pollution and its Control:	
1.	Water Supply Source(s)	Ground Water through 2 tube well
2.	Water Meter to show consumption	Installed
3.	Flow measuring device installed at outlet of ETP	Not installed
4.	Waste Water generation	No effluent was generated due to non-
		operation of unit.
5.	Waste Water treatment capacity (KLD)	750kld
6.	Details of ETP ETP Description with flow diagram 	Industry has installed ETP which comprises of Oil trap, Equalization Tank, Primary Clarifier, Aeration Tank, Secondary Clarifier, Sludge drying Beds and Lagoon
7.	Waste water discharged (after treatment)(KLD)	No effluent discharge was observed during inspection
8.	Mode of disposal of treated effluent (Details)	As per information provided by the industry most of the treated effluent is reused in the process and balance is used

		for irrigation on their 58 Acre land.
C: Aiı	r Pollution and its Control	
1.	Sources of Air Pollution	Boiler 2 Nos. 70 TPH each
2.	> Type of Fuel used with consumption	Bagasse
3.	> Stack details	One stack of 60 m Height
4.	> APCS details	Wet scrubber
5.	Samples collections points (if collected)	Sample could not be collected due to non- operation of unit.

Photographs indicating locations:



Remarks

• Due to off season the industry was not found in operation. Also no effleunts was observed to be discharged from factory premises.

- For the treatment of effluent generated from industrial process, industry has installed an ETP. The ETP consists of Equalization. Tank, Primary Clarifier, Aeration Tank, Secondary Clarifier, Sludge drying Bed and Lagoon.
- As per information provided by the industry representative, the treated effluent is collected in a lagoon and used for ferti-irrigation on own land and no effluent is discharged to any drain /river.
- Adequacy of the pollution control system may be assessed once the industry resumes its operation.

01/09/2014	
Sh. V. P. Yadav, Sc. 'D', CPCB	Casari
Sh. Shashi Vindkar, AEE, UPPCB	
Ms. GArima Dublish, RA, CPCB	
	01/09/2014 Sh. V. P. Yadav, Sc. 'D', CPCB Sh. Shashi Vindkar, AEE, UPPCB Ms. GArima Dublish, RA, CPCB



CENTRAL POLLUTION CONTROL BOARD NGRBA Cell Joint inspection Report: Sugar

A: General Information				
1.	Name of the unit and address	Upper Ganges Sugar & Industries Ltd. Sugar Unit, Seohara, Dist-Bijnor (UP)		
2.	Name of the Proprietor/ Contact person – Designation	Sukhveer Singh, Executive President		
3.	Year of Commissioning.	1959		
4.	Sector	Private		
5.	Production details. • Products	Sugar(Double sulphitation process)		
6.	Cane crushing capacity	10,000 TCD		
7.	Cane crushed last year	6,21,238 Qts		
B: W	ater Pollution and its Control:			
1.	Water Supply Source(s)	Ground Water through tube well		
2.	Water Meter to show consumption	Installed		
3.	Flow measuring device installed at outlet of ETP	V-notch available		
4.	Waste Water generation	No effluent was generated due to non-		
		operation of unit.		
5.	Waste Water treatment capacity (KLD)	2000 KLD		
6.	Details of ETP ETP Description with flow diagram 	Industry has installed a full-fledged Effluent Treatment Plant which comprises of Oil Skimmer, Equalization/Effluent storage Tank, Primary clarifier 2 Nos, Diffuse aeration tank, Aeration Tank, Secondary Clarifier, Treated water receiving Tank, Activated carbon filter and sand filter, Sludge drying beds,		

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7.	Waste water discharged (after treatment)(KLD)	No effluent generation was observed during inspection
8.	Mode of disposal of treated effluent (Details)	On own land, 78 Acre, and recycling 60% recycle and 40% for irrigation as reported by industry If at all any discharge comes from
	19 44 - 2014 1	industry it will go to Nasiya drain which flows to 19 Km before meeting to River Ramganga.
C: Air	Pollution and its Control	
1.	Sources of Air Pollution	Boilers
2.	Type of Fuel used with consumption	Fuel: Bagasse
3.	 Stack details 	Three stack of 74 m and 2 nos of 40 m
		Height
4.	APCS details	Wet scrubber on two stacks and one
	·.	ESP .
5.	Samples collections points	Sample could not be collected due to
	(if collected)	non-operation of unit.
Photo	graphs indicating locations:	
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Remarks

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- Due to off season the industry was not in operation and also no industrial effluent was observed to be generated from the industry premises.
- As it is a time for maintenance work of sugar industries to be ready for next crushing season, the maintenance is going on.
- Industry has installed full-fledged ETP based on primary, secondary and tertiary treatment process. ETP comprises of Oil Skimmer, Equalization/Effluent storage Tank, Primary clarifier 2 Nos, Diffuse aeration Tank, Aeration Tank, Secondary Clarifier, Treated water receiving Tank, Activated carbon filter and sand filter, Sludge drying bed.
- No effluent was found generated from the industry premises and ETP units were observed empty except some rainy water.
- As per information provided by industry representative, most of the effluent generated from the industry is reused in the process and balance is used for irrigation on own land of 78 acre. If at all any discharge comes from industry it will go to Nasiya drain which flows to 19 Km before meeting to River Ramganga.
- Adequacy of the pollution control system and its water and effluent management may be assessed once the industry resume its in operation.

Date of report inspection	02/09/2014
Name of officials inspecting (Name & Designations)	Sh. V. P. Yadav, Sc. 'D', CPCB
	Sh. Shashi Vindkar, AEE, UPPCB
	Ms. Garima Dublish, RA, CPCB



CENTRAL POLLUTION CONTROL BOARD NGRBA Cell Joint inspection Report: Sugar

A: Ger	A: General Information			
1.	Name of the unit and address	Dhampur Sugar Industries Ltd. Dhampur, Dist-Bijnor (UP)		
2.	Name of the Proprietor/ Contact person – Designation Contact No.	Sh Vijay Mishra, Manager, Co-ordination		
3.	Year of Commissioning.	1933 .		
4.	Sector	Private		
5.	Product	Sugar		
6.	Cane crushing capacity	14,000 TCD		
7.	Operational status	Not in operation due to off season		
B: Wa	ter Pollution and its Control:			
1.	Water Supply Source(s)	Ground Water through 4 tube well		
2.	Water Meter to show consumption	Installed		
3.	Flow measuring device installed at outlet of ETP	Not installed		
4.	Waste Water generation	No effluent was generated due to non-		
		operation of unit.		
5.	Waste Water treatment capacity (KLD)	4500 KLD		
6.	Details of ETP ETP Description with flow diagram 	Oil & grease Trap, Screen, Equalization Tank, Primary Clarifier, Aeration Tank, Secondary Clarifier, Sludge drying beds		
7.	Waste water discharged (after treatment)(KLD)	No effluent generation was found during inspection		
8.	Mode of disposal of treated effluent (Details)	Any discharge comes from industry will go to Ikra Nala which joins Karula river, river Karula meets to river Gagan which is a tributary of river Ramganga		

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C: A	ir Pollution and its Control	and the second
1.	Sources of Air Pollution	Boiler 2 Nos. 170 TPH each
2.	Type of Fuel used with consumption	Bagasse Coal
3.	Stack details	One stack of 60 m Height
4.	> APCS details	ESP
5.	Samples collections points (if collected)	Sample could not be collected due to non-operation of unit.
Pho	tographs indicating locations:	



<u>Remarks</u>

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• Due to off season the industry was not operation and due to agitation of farmers maintenance work has also been stopped.

- No effluent was found generated from the industry premises and ETP units were observed empty except some rainy water.
- Industry has installed an ETP for the treatment of effluent generated during operation. ETP consists of Oil & grease Trap, Screen, Equalization Tank, Primary Clarifier, Aeration Tank, Secondary Clarifier, Sludge drying bed.
- Adequacy of the pollution control system may be assessed once the industry resumes its operation.

Date of report inspection	02/09/2014	
Name of officials inspecting (Name & Designations)	Sh. V. P. Yadav, Sc. 'D', CPCB	arrive
	Sh. Shashi Vindkar, AEE, UPPCB	
	Ms. Garima Dublish, RA, CPCB	•



CDCD CENTRAL POLLUTION CONTROL BOARD NGRBA Cell Joint inspection Report: Sugar

A: Ge	eneral Information	· ·
1.	Name of the unit and address	Dwarikesh Sugar Industries Ltd. Sugar Unit, Dwarikesh Nagar PO Bundki, Bijnor (UP)
2.	Name of the Proprietor/ Contact person – Designation Contact No.	Salil S. Arya, CGM
3.	Year of Commissioning.	1995
4.	Sector	Private
5.	Production details.Products	Sugar
6.	Cane crushing capacity	7500 TCD
7.	Cane crushed last year	7263772 Qts
8.	Operational status of industry	Due to off season industry is not in operation.
B: Wa	ater Pollution and its Control:	I
1.	Water Supply Source(s)	Ground Water through tube well
2.	Water Meter to show consumption	Installed
3.	Flow measuring device installed at outlet of ETP	V-notch
4.	Waste Water generation	No effluent was generated due to non- operation of unit.
5.	Waste Water treatment capacity (KLD)	750 KLD
6.	Details of ETP ETP Description with flow diagram	ETP comprises of Oil & grease Trap, Equalization Tank, Primary clarifier, Aeration Tank 2 nos., Secondary clarifier followed by Settling tank
7.	Waste water discharged (after treatment)(KLD)	No effluent generation was found during inspection
8.	Mode of disposal of treated effluent (Details)	Effluent is discharged to road side drain which meets with river Gagan , a

		tributary of River Ramganga.
C: Air	Pollution and its Control	L
1.	Sources of Air Pollution	Boiler 2 no, 60 TPH each
2.	Type of Fuel used with consumption	Bagasse
3.	Stack details	stack of 60 m
4.	APCS details	Wet scrubbers
5.	Samples collections points (if collected)	Sample could not be collected due to non-operation of unit.

Photographs depicting status of industry:





Remarks

- Due to off season the industry was not in operation and also no industrial effluent was observed to be generated from the industry premises.
- Industry has installed ETP based on primary, secondary treatment process. ETP comprises of Oil Skimmer, Equalization/Effluent storage Tank, Primary clarifier, Aeration Tank, Secondary Clarifier, Treated water receiving tank and Sludge drying bed.
- No effluent was found generated from the industry premises and ETP units were observed empty except some rainy water.
- As per information provided by industry representative, most of the effluent generated from the industry is reused in the process and balance is used for green belt development inside the factory premises. Any discharge if comes out from the industry, it will go to road side drain which meets with river Gagan which flows to 70 Km before meeting to River Ramganga.
- Adequacy of the pollution control system and its water and effluent management may be assessed once the industry resumes its operation.

Date of report inspection	02/09/2014	•
Name of officials inspecting (Name & Designations)	Sh. V. P. Yadav, Sc. 'D', CPCB	(and the second
	Sh. Shashi Vindkar, AEE, UPPCB	
	Ms. Garima Dublish, RA, CPCB	



CDCD CENTRAL POLLUTION CONTROL BOARD NGRBA Cell Joint inspection Report: Sugar

A: Ge	A: General Information				
1.	Name of the unit and address	Bajaj Hindustan Ltd. Bilai, Bijnor (UP)			
2.	Name of the Proprietor/ Contact person – Designation Contact No.	Amod Bishnoi, Sr. DGM			
3.	Year of Commissioning.	2005			
4.	Sector	Private			
5.	Production details.Products	Sugar			
6.	Cane crushing capacity	9000 TCD			
7.	Cane crushed last year	8538847.9 Qts			
8.	Operational status	It is seasonal industry and presently industry is not in operation due to off season.			
B: Wa	ater Pollution and its Control:				
1.	Water Supply Source(s)	Ground Water through 3 tube wells			
2.	Water Meter to show consumption	Installed			
3.	Flow measuring device installed at outlet of ETP	V-notch (dismantled)			
4.	Waste Water generation	No effluent was observed to be generated from the industry.			
5.	Waste Water treatment capacity (KLD)	1000 KLD			
6.	Details of ETP > ETP Description with flow diagram	Industry has installed Effluent Treatment Plant comprising of Oil & grease Trap, Equalization Tank (chemical mixing Tank), Primary Clarifier, Aeration Tank, Secondary Clarifier and Sludge drying beds			
7.	Mode of disposal of treated effluent (Details)	Road side drains which after 5 Km joins Ban River. Ban river meets to river Gagan, a tributary of river Ramganga			

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C: Air Pollution and its Control				
1.	Sources of Air Pollution	Boiler 2 Nos,90 TPH each		
2.	Type of Fuel used with consumption	Bagasse		
3.	Stack details	One stack of 30 m Height		
4.	APCS details	Wet scrubbers		
5.	Samples collections points (if collected)	Sample could not be collected due to non- operation of unit.		

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Photograph depicting status of industry:



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<u>Remarks</u>

- Due to off season the industry was not in operation and no worker was inside the premises and industry was found locked out due to agitation of local farmers (cane growers).
- Although it is a time for maintenance work of sugar industries to be ready for next ... crushing season but due to agitation no maintenance work was observed.
- Industry has installed Effluent Treatment Plant for the treatment of its effluent. ETP comprises of Oil & grease Trap, Equalization Tank, Primary Clarifier, Aeration Tank & Secondary Clarifier. In addition to this industry has constructed a storage lagoon.
- Due to rainy season the wild grass was observed around the ETP area giving it the deserted look.
- No effluent was found being generated in the industry premises and ETP units were observed empty except some rainy water.
- Adequacy of the pollution control system may be assessed once the industry resumes its operation.

Date of Inspection: 01-09-2014

Name of officials inspecting : (Name & Designations)

Sh. V. P. Yadav, Sc. 'D', CPCB Sh. Shashi Vindkar, AEE, UPPCB Ms. Garima Dublish, RA, CPCB



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CENTRAL POLLUTION CONTROL BOARD NGRBA Cell Joint inspection Report: Sugar

A: General Information				
1.	Name of the unit and address	Kisan Sehkari Chini Mills Ltd. Sneh Road, Nazibabad Dist-Bijnor (UP)		
2.	Name of the Proprietor/ Contact person – Designation Contact No.	P.K. Shrivastav, Chief Chemist		
3.	Year of Commissioning.	1989		
4.	Sector	Co-operative		
5.	Production details.Products	Sugar		
6.	Cane crushing capacity	3000 TCD		
7.	Cane crushed last year	45,00,000 Qts		
8.	Operational status	It is seasonal industry and presently Industry is not in operation due to off season.		
B: Wa	ter Pollution and its Control:			
1.	Water Supply Source(s)	Ground Water through tube well		
2.	Water Meter to show consumption	Installed .		
3.	Flow measuring device installed at outlet of ETP	No arrangement		
4.	Waste Water generation	No effluent was generated due to non- operation of unit.		
5.	Waste Water treatment capacity (KLD)	1200 KLD		
6.	Details of ETP ETP Description with flow diagram 	Industry has installed ETP which comprises of Oil and grease trap, Equalization Tank, Primary Clarifier, Aeration Tank, Secondary Clarifier, Sludge drying Beds		
7.	Waste water discharged (after treatment)(KLD)	No effluent discharge was observed during inspection		

	2		
8.	Mode of disposal of treated effluent (Details)	It was informed that balance treated effluent of industry is used for irrigation on own nearby cane fields (about 75 Acre area)	
C: Air Pollution and its Control			
1.	Sources of Air Pollution	Boiler 2 Nos. 32 TPH each	
2.	> Type of Fuel used with consumption	Bagasse	
3.	> Stack details	One stack of 30 m Height	
4.	> APCS details	Wet scrubber	
5.	Samples collections points	Sample could not be collected due to non-	
	(if collected)	operation of unit.	

Photographs depicting status of industry:



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<u>Remarks</u>

• Due to off season the industry was not found in operation. Also no effleunts was observed to be discharged from factory premises.

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- For the treatment of effluent generated from industrial process, industry has installed an ETP. The ETP consists of Equalization Tank, Primary Clarifier, Aeration-Tank, Secondary Clarifier, Sludge drying Beds.
- Thick wild grass was observed all around ETP and units of ETP were not easily accessible.
- As per information provided by the industry representative, the excess treated effluent is used for irrigation on own land and no effluent is discharged to any drain /river.
- Adequacy of the pollution control system may be assessed once the industry resumes its operation.

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Sh. V. P. Yadav, Sc. 'D', CPCB	05
Sh. Shashi Vindkar, AEE, UPPCB	
Ms. Garima Dublish, RA, CPCB	
	Sh. V. P. Yadav, Sc. 'D', CPCB Sh. Shashi Vindkar, AEE, UPPCB Ms. Garima Dublish, RA, CPCB



CDCD CENTRAL POLLUTION CONTROL BOARD NGRBA Cell Joint inspection Report: Sugar

A: Ger	neral Information		
1.	Name of the unit and address	PBS Foods (sugar) Pvt. Ltd. Sugar Unit, Chandpur Bijnor (UP)	
2.	Name of the Proprietor/ Contact person - Designation	Sh Israr Ahmed Chief General Manager	
3.	Year of Commissioning.	1976	
4.	Sector	Private	
5.	Production details.Products	Sugar	
6.	Cane crushing capacity	4500 TCD	
7.	Cane crushed last year	39,74,000 Qts	
8.	Operational Status	Due to off season industry is not in operation.	
B: Wa	B: Water Pollution and its Control:		
1.	Water Supply Source(s)	Ground Water through 2 tube well	
2.	Water Meter to show consumption	Installed	
3.	Flow measuring device installed at outlet of ETP	No arrangement	
4.	Waste Water generation	No effluent was generated due to non-	
		operation of unit.	
5.	Waste Water treatment capacity (KLD)	1800 KLD	
6.	Details of ETP > ETP Description with flow diagram	ETP comprises of Oil and grease trap, receiving pit, Aeration Tank, Secondary Clarifier, polishing Tank, Sludge drying beds,	
7.	Waste water discharged (after treatment)(KLD)	No effluent discharge was observed during inspection	
8.	Mode of disposal of treated effluent (Details)	Treated effluent is used for irrigation in adjacent cane fields owned by industry.	

		No facility for storage of treated wastewater exists
C: Air	Pollution and its Control	
1.	Sources of Air Pollution	Boiler 4 Nos. 3 nos in operation 70, 20, 20 TPH in operation 20 TPH non-operation
2.	Type of Fuel used with consumption	Fuel: Bagasse
3.	 Stack details 	Two stack of 40 m Height (One Non-Operation)
4.	> APCS details	Wet scrubber on 70 TPH Boiler Cyclone on 20 TPH boilers
5.	Samples collections points (if collected)	Sample could not be collected due to non-operation of unit.

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Photographs depicting status of industry:





<u>Remarks</u>

- Due to off season the industry was not found in operation. Also no effleunts was observed to be discharged from factory premises.
- For the treatment of effluent generated from industrial process, industry has installed an ETP. The ETP consists of receiving pit, chemical dosing, Aeration Tank, Secondary Clarifier, polishing pond and Sludge drying Beds.
- ETP is not properly accessible. Thick wild grass was observed all around ETP.
- As per information provided by the industry representative, the excess treated effluent is used for irrigation on own land and no effluent is discharged to any drain /river.
- Adequacy of the pollution control system may be assessed once the industry resumes its operation.

Date of report inspection	02/09/2014
Name of officials inspecting (Name & Designations)	Sh. V. P. Yadav, Sc. 'D', CPCB
	Sh. Shashi Vindkar, AEE, UPPCB
	Ms. Garima Dublish, RA, CPCB



دوریک CENTRAL POLLUTION CONTROL BOARD NGRBA Cell Joint inspection Report: Distillery

A: G	eneral Information		
1.	Name of the unit and address	Uttam Sugar Mills Ltd. Distillery Division, Barkatpur Dist-Bijnor (UP)	
2.	Name of the Proprietor/ Contact person – Designation Contact No.	Sh J. P. Tripathi General Manager	
3.	Year of Commissioning.	2012	
4.	Sector	Private	
5.	 Production details. Products Installed Prod. Cap. 	Rectified Sprit 75 KLD	;, ENA, Ethanol
6.	Raw materials	Molasses	
7.	Operational status	Non-operatior	nal due rainy season
B: W	ater Pollution and its Control:	······································	
1.	Water Supply Source	Ground water	, 1 Tubewell
	Water Consumption (KLD)	Industrial	750 KLD (when industry was in operation)
2.	Water Meter to show consumption	Installed	
3.	Waste Water generation (KLD)	No effluent generation was observed, th industry was not in operation	
4.	Details of Effluent Management	Industry has installed Bio-gas digester, MEE and bio-composting facilities for management of its effluent. As per information provided by industry representative, the effluent from the digester goes to MEE and concentrate of MEE is used with press mud for bio-composting or mixed with bagasse and fired in boiler. Industry has developed about 10 Acre of HDPE lined bio compost platform with catch drain and catch pit.	
5.	Waste water discharged (after treatment)(KLD)	Industry clai however it industry com	ims to operate on Zero Discharge can be verified at the time, once nes operational.

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6.	Mode of disposal of treated effluent (Details)	There are chances of discharge of effluent into Malan River a tributary of River Ganga.
C: Ai	r Pollution and its Control	
1.	Sources of Air Pollution	35 TPH boiler
2.	Type of Fuel used with consumption	Bagasse
3.	 Stack details 	50 m
4.	> APCS details	Bag filter and wet scrubber
5.	Samples collections points (if collected)	Sample could not be collected due to non- operation of unit.

Photographs indicating locations:





E. Route of effluent to reach river Ganga/Yamuna (Please indicate starting from the outlet drain of the unit)

If at all any discharge comes from industry it will go to Malan River a tributary of River Ganga.

<u>Remarks</u>

- During inspection the industry was not found in operation due to rainy season and no effluent was observed generating from the industry.
- The industry has installed the system for utilization of spent wash generated from the process. The spent wash generated goes to bio-gas digester. The effluent from the digester goes to MEE and concentrate of MEE is used with press mud for making bio-compost.
- Industry has also developed the facility of mixing concentrated spent wash with bagasse and using it as a fuel in the boiler.
- Rows of semi finished bio compost was observed on the bio-compost yard.
- Bio-compost yard was observed having liner, catch drain and catch pit.
- Industry may be inspected for adequacy of its system once it comes in operation and also its claim for zero liquid discharge may be verified.

Date of report inspection	01/09/2014
Name of officials inspecting (Name & Designations)	Sh. V. P. Yadav, Sc. 'D', CPCB
	Sh. Shashi Vindkar, AEE, UPPCB
	Ms. Garima Dublish, RA, CPCB



CENTRAL POLLUTION CONTROL BOARD NGRBA Cell Joint inspection Report: Distillery

A: G	eneral Information		
1.	Name of the unit and address	Upper Ganges Sugar & Industries Ltd. Distillery Unit, Seohara Dist-Bijnor (UP)	
2.	Name of the Proprietor/ Contact person – Designation Contact No.	Sukhveer Sin	gh, Executive
3.	Year of Commissioning.	1959	
4.	Sector	Private	
5.	Production details. Products Installed Prod. Cap. 	Rectified Spri 30,000 KL/Ar	t, Absolute alcohol, ENA inum
0.	Raw materials	Molasses	
7.	Operational status	Non-operatio	nal due to rainy season
B: W	ater Pollution and its Control:		
1.	Water Supply Source	Ground water	r, Tube well
	Water Consumption (KLD)	Industrial	2200-2300 KLD (when industry was in operation)
2.	Water Meter to show consumption	Installed	
3.	Waste Water generation (KLD)	No effluent generation was observed, th industry was not in operation	
4.	Details of Effluent Management	Industry has installed 2 no Bio-digesters for the treatment of its effluent. Treated effluent from bio-digesters is further treated through RO Plant and Multi effect Evaporators for recovery of permeate and condensate respectively. Permeate and condensate is reused in the process while concentrate / RO Reject is utilized for making bio compost with press-mud. Industry has constructed about 23 Acre lined platform for bio-composting having catch drain and catch pit. Requirement of press-mud is met through its own sister sugar mill-adjacent to it.	
5.	Waste water discharged (after treatment)(KLD)	Industry cla however it industry con	ims to operate on Zero Discharge can be verified at the time, once ne operational.

6.	Mode of disposal of treated effluent (Details)	If at all any discharge comes from industry it will go to Nasiya drain which flows to 19 Km before meeting to River Ramganga.
C: Ai	r Pollution and its Control	
1.	Sources of Air Pollution	Boiler
2.	Type of Fuel used with consumption	Bio-gas 55,000-60,000 m ³ /day with Bagasse 145-155 Ton/day
3.	> Stack details	45 m
4.	> APCS details	1. Wet Scrubber
5.	Samples collections points (if collected)	Sample could not be collected due to non- operation of unit.

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Photographs depicting status of industry:





E. Route of effluent to reach river Ganga/Yamuna (Please indicate starting from the outlet drain of the unit)

If at all any discharge comes from industry it will go to Nasiya drain which flows to 19 Km before meeting to River Ramganga and Ramganga meets with river Ganga after travelling about 200km.

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<u>Remarks</u>

- During inspection the industry was not found in operation due to rainy season and no effluent was observed generating from the industry.
- The industry has installed the system for utilization of spent wash generated from the process. The spent wash generated from the process is taken into bio-
- digester and effluent of bio-gas digester goes to RO/MEE, the reject of RO and concentrate of MEE is being used for making bio compost using press-mud.
- Bio-compost was observed lying on bio-compost yard. It was covered by tarpaulin ٠ sheet to protect with rain.
- Bio-compost yard has been provided with catch drain and catch pit. •
- Industry may be inspected for its adequacy of the system once it comes in . operation.

Date of report inspection	02/09/2014
Name of officials inspecting (Name & Designations)	Sh. V. P. Yadav, Sc. 'D', CPCB
	Sh. Shashi Vindkar, AEE, UPPCB
	Ms. Garima Dublish, RA, CPCB



CENTRAL POLLUTION CONTROL BOARD NGRBA Cell Joint inspection Report: Distillery

A: G	eneral Information		
1.	Name of the unit and address	Mohit Petro Chemicals Pvt. Ltd. 8 th Km stone, Nagina road	
		Bijnor (UP)	
2.	Name of the Proprietor/ Contact	Sh. Suresh Parmar	
	person – Designation	Director	
3.	Year of Commissioning.	2005	
4.	Sector	Private	
5.	 Production details. Products Installed Prod. Cap. 	Rectified Sprit, Ethyl alcohol, ENA 40 KLD	
6.	Raw materials	Molasses	
7.	Operational status	Non-operational due to rainy season and as per record , Industry is not in operation since 30 th July, 2014	
B: W	later Pollution and its Control:		
1.	Water Supply Source	Ground water, Tubewell	
	Water Consumption (KLD)	Industrial 550 KLD (when industry was in operation)	
2.	Water Meter to show consumption	Installed	
3.	Waste Water generation (KLD)	No effluent generation was observed, the industry was not in operation. It is estimated that industry will generate about 400 KLD effluents at full production.	
4.	Details of Effluent Management	 Industry has installed Bio digester for treatment of effluent (spent wash and other effluent) generated from distillery. The effluent from the digester goes to RO plant and reject of RO Plant is used with press mud for bio-composting. Capacity of RO plant is 400m3/day. Industry has constructed 12.8 Acre lined platform for bio composting. Bic composting area is provided with catch drain and catch pit. Industry has constructed lined storage lagoon of for bio composting purpose o capacity 18000 m³. 	

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5.	Waste water discharged (after treatment)(KLD)	Industry claims to operate on Zero Discharge however it can be verified at the time, once industry come operational.
6.	Mode of disposal of treated effluent (Details)	If at all any discharge comes from industry it will go to Chuiyya drain which flows about 60- 70 Km before meeting with River Ganga.
C: Ai	r Pollution and its Control	
1.	Sources of Air Pollution	boiler, 8TPH
2.	 Type of Fuel used with consumption 	Bio-gas+ rice husk
3.	> Stack details	31 m
4.	> APCS details	Wet Scrubber
5.	Samples collections points (if collected)	Sample could not be collected due to non- operation of unit.

Photographs depicting status of industry:



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E. Route of effluent to reach river Ganga/Yamuna (Please indicate starting from the outlet drain of the unit)

Discharge from industry will go to Chuiyya drain which travels about 60-70 Km before meeting with River Ganga.

<u>Remarks</u>

- During inspection the industry was not found in operation due to rainy season and no effluent was observed generating from the industry.
- The industry has installed the system for utilization of spent wash generated from the process. The spent wash generated from the process is taken into the biodigester and effluent of bio-gas digester goes to RO Plant. The reject of RO is being used for making bio-compost along with press.
- It was observed that press mud and Bio-compost both was observed lying on biocompost yard. Industry has not made any arrangement for protection of Biocompost with rain.
- Bio-compost yard was observed having liner, catch drain and catch pit.
- Industry may be inspected for its adequacy of the system once it comes in operation.

Date of report inspection	01/09/2014
Name of officials inspecting (Name & Designations)	Sh. V. P. Yadav, Sc. 'D', CPCB
	Sh. Shashi Vindkar, AEE, UPPCB
	Ms. Garima Dublish, RA, CPCB



CENTRAL POLLUTION CONTROL BOARD NGRBA Cell

Joint inspection Report: Distillery

A: G	eneral Information	D. L.			
1.	Name of the unit and address	8 th Km stone, Nagina road,			
		Village Khadanpur, Bijnor			
2.	Name of the Proprietor/ Contact person – Designation Contact No.	Sh. Navneet Jain, Director			
3.	Year of Commissioning.	2008			
	Sector	Private			
5. 6.	Production details. • Products • Installed Prod. Cap. Raw materials	Rectified Sprit, , ENA 40 KLD Molasses Non-operational due to rainy season			
7.	Operational status				
B: V	Vater Pollution and its Control:	The share the second			
1.	Water Supply Source	Ground water, Tubeweii			
	Water Consumption (KLD)	Industrial 700 KLD (when industry was in operation)			
2.	Water Meter to show consumption	Installed			
3.	Waste Water generation (KLD)	 No effluent generation was observed, the industry was not in operation. It is estimated that industry will generate about 320 KLD effluents at full production. Industry has installed Bio digester for treatment of effluent (spent wash and other effluent) generated from distillery. The effluent from the digester goes to RO plant of capacity 400 m³/day and reject of RO Plant is used with press mud for bio-composting while permeate is reused in the process. Industry has constructed 11 Acre lined platform for bio composting. Bio composting area is provided with catch drain and catch pit. Industry has constructed lined storage lagoon for bio composting purpose. 			
4.	Details of Effluent Management				
5.	Waste water discharged (after treatment)(KLD)	however it can be verified at the time, once industry come operational.			

6.	Mode of disposal of treated effluent (Details)	If at all any discharge comes from industry it will go to Chuiyya drain which flows 60-70 Km before meeting to River Ganga.
C: A	r Pollution and its Control	
1.	Sources of Air Pollution	boiler, 8TPH
2.	 Type of Fuel used with consumption 	Bio-gas+ rice husk
3.	 Stack details 	30 m
4.	> APCS details	Wet Scrubber + MDC
5.	Samples collections points (if collected)	Sample could not be collected due to non- operation of unit.

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Photographs indicating locations:



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E. Route of effluent to reach river Ganga/Yamuna (Please indicate starting from the outlet drain of the unit)

If at all any discharge comes from industry it will goes to Chuiyya drain which flows to 60-70 Km before meeting to River Ganga.

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- During inspection the industry was not found in operation due to rainy season and no effluent was observed generating from the industry.
- The industry has installed the system for utilization of spent wash generated from the process. The spent wash generated from the process is taken into bio-gas digester and effluent of bio-gas digester goes to RO Plant, the reject of RO is
- being used with press mud for bio-composting. Press mud and Bio-compost both was observed lying on bio-compost yard and nearby .Bio-compost was covered under polythene sheet to protect it from rain.
- Bio-compost yard was observed having liner, catch drain and catch pit. Industry may be inspected for its adequacy of the system once it comes in

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operation.		
Date of report inspection	01/09/2014	
Name of officials	Sh. V. P. Yadav, Sc. 'D', CPCB	6
inspecting (Name & Designations)	Sh. Shashi Vindkar, AEE, UPPCB	
	Ms. Garima Dublish, RA, CPCB	



CENTRAL POLLUTION CONTROL BOARD NGRBA Cell Joint inspection Report: Distillery

A: G	; General Information				
1.	Name of the unit and address	Dhampur, Dist- Bijnor (UP)			
2.	Name of the Proprietor/ Contact person – Designation	Sh. Vijay Mishra . Manager (Co-ordination)			
3.	Year of Commissioning.	1990			
4	Sector	Private			
5.	Production details. Products Installed Prod. Cap. Raw materials	Rectified Sprit, Ethyl Acetate, ENA 200 KLD Molasses			
7.	Operational status	Non-operational due to rainy season as per direction from UPPCB			
B. V	Vater Pollution and its Control:				
1.	Water Supply Source	Ground water, 3 Tube wells			
	Water Consumption (KLD)	Industrial 4700 KLD (when industry was in operation)			
2.	Water Meter to show consumption	Installed			
3.	Waste Water generation (KLD)	No effluent generation was observed, the industry was not in operation. It is estimated that industry will generate about 2400 KLD effluent at full production.			
4.	Details of Effluent Management	 Industry has installed Bio digesters for treatment of effluent (spent wash an other effluent) generated from distiller. The effluent from the digester goes if RO plant/MEE and reject of RO Plant an MEE concentrate is used with press mufor bio-composting. Industry has constructed 16 Acre activitiened platform for bio composting. Bio composting area is provided with catedrain and catch pit. Industry has constructed 36000 KL linistorage lagoon of for bio composting purpose. Press-mud generated from its own sugindustry is used for making bio composition. 			

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5.	Waste water discharged (after treatment)(KLD)	Industry claims to operate on Zero Liquid Discharge however it can be verified at the time, once industry resumes its operation.
6.	Mode of disposal of treated effluent (Details)	If at all any discharge comes from mudsty it will go to Ikra drain which joins Karula river, river Karula meets to river Gagan which is a tributary of river Ramganga.
C: Ai	r Pollution and its Control	1
1.	Sources of Air Pollution	Boiler
2.	 Type of Fuel used with consumption 	Bio-gas+ rice husk
3.	 Stack details 	60 m height
4.	> APCS details	Wet Scrubber
		Comple could not be collected due to non-
5.	Samples collections points	Sample could not be concered due to man
	(if collected)	operation of unit.

Photographs indicating locations:



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E. Route of effluent to reach river Ganga/Yamuna (Please indicate starting from the outlet drain of the unit)

Any discharge comes from industry leads to Ikra drain which joins Karula river, river Karula meets to river Gagan which is a tributary of river Ramganga. River Ramganga meets with river Ganga after traversing about 200km.

Remarks

- During inspection the industry was not found in operation due to rainy season and no effluent was observed generating from the industry.
- The industry has installed the system for utilization of spent wash generated from the process. The spent wash generated goes to bio-gas digesters and outlet of .
- bio-gas digester goes to RO/MEE, the reject of RO and MEE concentrate is being used for making bio-compost using press mud.
- All the process units of the industry were not in operation during inspection.
- Press mud and Bio-compost both was observed lying on bio-compost yard covered . under tarpaulin sheets to protect with rain.
- Bio-compost yard was observed having liner, catch drain and catch pit.
- Industry may be inspected for its adequacy of the system once it comes in • operation.

Date of report inspection	02/09/2014
Name of officials	Sh. V. P. Yadav, Sc. 'D', CPCB
(Name & Designations)	Sh. Shashi Vindkar, AEE, UPPCB
	Ms. Garima Dublish, RA, CPCB



CENTRAL POLLUTION CONTROL BOARD NGRBA Cell Joint inspection Report: Distillery

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eneral Information	M/s Dwarikesh Sugar Ind. Ltd.			
Name of the unit and address	Distillery Division, Dwarikesh Nagar, Bundki, Dist-Bijnor			
Name of the Proprietor/ Contact person – Designation	Sh. Salil S. Arya CGM			
Year of Commissioning.	2005			
Sector	Private			
 Production details. Products Installed Prod. Cap. 	Rectified Sprit, ENA 30 KLD			
Raw materials	Notasses			
Operational status	Non-operational due rainy season			
Nater Pollution and its Control:				
Water Supply Source	Ground water, Tubewen			
Water Consumption (KLD)	Industrial 450 KLD (when industry was in operation)			
Water Meter to show consumption	Installed			
Waste Water generation (KLD)	No effluent generation was observed since industry was not in operation. It is estimated that industry will generate about 300KLD offluent at full production.			
Details of Effluent Management	 Industry has installed Bio digester for treatment of effluent (spent wash and other effluent) generated from distillery Treated effluent from Bio-gas digester is used for bio composting using pressmud generated from its sugar mill. Industry has constructed 30283 m2 linear platform for bio composting. Bio composting area is provided with catcd drain and catch pit. Industry has constructed lined storag lagoon of capacity 4500 m3 for bio composting purpose. 			
	eneral Information Name of the unit and address Name of the Proprietor/ Contact person - Designation Contact No. Year of Commissioning. Sector Production details. Production details. Installed Prod. Cap. Raw materials Operational status Water Pollution and its Control: Water Supply Source Water Consumption (KLD) Water Meter to show consumption Waste Water generation (KLD) Details of Effluent Management			

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		 Requirement of press-mud is met through adjacent sister sugar factory.
5.	Waste water discharged (after treatment)(KLD)	Industry claims to operate on Zero Discharge however it can be verified at the time, once industry resumes its operation.
6.	Mode of disposal of treated effluent (Details)	If at all any discharge comes from industry it will go to nearby drain which will meet with river Gagan which finally meets to river Ramganga.River Ramganga meets with river Ganga at Kannauj.
C: Ai	r Pollution and its Control	
1.	Sources of Air Pollution > Type of Fuel used with consumption	No boiler in distillery unit, the steam is supplied by their own adjacent sugar unit
3.	 Stack details 	
4.	> APCS details	literation due to per-operation
5.	Samples collections points (if collected)	of unit.
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Photographs indicating locations:



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E. Route of effluent to reach river Ganga/Yamuna (Please indicate starting from the outlet drain of the unit)

Discharge from industry will go to road side drain which leads to Gagan river which finally meets to river Ramganga after traversing about 60km and River Ramganga meets with river Ganga after traversing about 200km.

<u>Remarks</u>

 During inspection the industry was not found in operation due to rainy season and no effluent was observed generating from the industry.

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- The industry has installed the system for utilization of effluent generated from the process. Industry has installed bio digester for recovery of energy from its effluent and treated effluent from bio-digester is utilized for making bio compost along with press-mud. Industry claims that it operates on zero liquid discharge.
- Bio compost was observed lying on Bio compost yard under tarpaulin cover for protection of rain.
- Industry may be inspected for its adequacy of the system once it comes in . operation.

Date of report inspection	02/09/2014
Name of officials inspecting (Name & Designations)	Sh. V. P. Yadav, Sc. 'D', CPCB
	Ms. Garima Dublish, RA, CPCB

Central Pollution Control Board PCI-III Division

Dated: 09/09/2014

Sub: Inspection report of 04 industries under NGT order-Regd.

Placed below at flag 'A' is the inspection reports of the following 04 industries conducted in accordance to the NGT order dated 06th August 2014.

- 1. M/s A.B. Mauri Yeast Ltd. Ind. Area, Sikandrabad, Distt. Bulandshahr 2. M/s Jagatjeet Industries Ltd. Ind. Area, Sikandrabad, Distt. Bulandshahr
- 3. M/s Kothari Fermentation & Biochem Ltd. Ind. Area, Sikandrabad, Distt. Bulandshahr
- 4. M/s Wave Industries Ltd. (Sugar Unit), Panni Nagar, Bulandshahr, UP

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Submitted for kind perusal and further necessary action please.

Kamlesh Singh

I/c NGRBA CELL

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CpcD CENTRAL POLLUTION CONTROL BOARD NGRBA Cell Joint inspection Report: Sugar Mill

Date of Inspection: 01/09/2014

A: Ge	eneral Information					
1.	Name of the unit and address	M/s Wave Industries Ltd. (Sugar Unit), Panni Nagar, Bulandshahr, UP				
2.	Name of the Proprietor/ Contact person – Designation Contact No.					
3.	Year of Commissioning.					
4.	Sector	Private				
5.	Production details. • Products • Installed Prod. Cap • Operating capacity	Sugar Consent expired on 31.12.2012				
	, , , , , , , , , , , , , , , , , , ,					
6.	Cane crushing capacity	3500 TCD				
7.	Cane crushed last year	Closed since March, 2014 due to off season				
8.	Molasses generation	No record available with Unit				
9.	Press Mud generation	No records available with Unit				
10.	Operational status	CLOSED due to off season/Non crushing season				
B: W	ater Pollution and its Control:					
1.	Water Supply Source(s)	Tubewell-2 No; No logbooks available				
	Water Consumption (KLD)	Industrial 1500 KLD				
		Domestic .				
2.	Water Meter to show consumption	√ Available / Not available				
3.	Flow measuring device installed at outlet of ETP	√ Available / Not available				
4.	Waste Water generation (KLD) (before treatment) ≥ Industrial ≥ Domestic	No records available				
5.	Waste Water treatment capacity (KLD) > Industrial > Domestic					

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6.	 Details of ETP ETP Description with flow diagram Details of Reverse Osmosis plant, if any 	ETP Details: ETP in Defunct state and not approachable due to plant growth around ETP. Equalization tank \rightarrow Primary Clarifier \rightarrow Aeration tank (surface aerators) $\rightarrow \rightarrow$ Secondary clarifier \rightarrow Kali(E) (after 01 km) Sludge drying beds				
7.	Waste water discharged (after treatment)(KLD) ▶ Industrial Domestic					
8.	Mode of disposal of treated effluent (Details)	√ On land/ Surface water				
9.	Sample distributed into no. of parts (2/3)	No samples t since March 20	aken a 014	s sugar	mill was	s closed
10.	Sludge disposal mode	Sludge drying	beds			
11.	Effluent collection locations &	Locations		Para	meters	
	analysis results (if collected)		рH	BOD (mg/l)	COD (mg/l)	TSS (mg/l)
		Outlet				
		Others				
(I)	Information regarding Ferti-irriga	tion N/A				·····
1.	Details of treatment effluent	NA				
	before Ferti-Irrigation			· · · · · · · · · · · · · · · · · · ·		
Ζ.	(available land area)					
3.	System for dilution of treated effluent required for ferti-irrigation	NA				
4.	System of transportation of treated effluent upto field.	NA				
5.	Formal agreements with farmers for using treated effluent	NA				
6.	Storage facility available for treated effluent during low demand period	NA				
7.	Quality of effluent being used for ferti-irrigation	NA	• • • • • •			
8.	Ground water monitoring network	(Available /No	ot avail	able)		
C: A	ir Pollution and its Control					
1.	Sources of Air Pollution	Two Boiler of Cogeneration	32 TPH plant of	each; P- <u>f 2x2.5</u> №	32Kg 1W	
2.	Type of Fuel used with consumption	Bagasse as fuel				
3.	Stack details		- -			
4.	> APCS details	Cyclone dust of	collecto	r		· - · · · · · · · · · · · · · · · · · ·

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1	Name of officials inspecting	Name & Designations	Signature
		Sh. Kamlesh Singh, Scientist `C', CPCB	the DE or I'm
		Sh. A.K. Chaudhary, RO, UPPCB	
	•	Sh. J.B Singh, AEE, UPPCB	
		Miss. Shradha Lonarkar, Research Associate, NGRBA	fluckette
2	Date of report Submission	01/09/2014	

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Date of Inspection: 01/09/2014

A. G.		
1.	Name of the unit and address	M/s Kothari Fermentation & Biochem Ltd. Ind. Area, Sikandrabad, Distt. Bulandshahr
2.	Name of the Proprietor/ Contact person – Designation Contact No.	Mr. Pramod Kothari,
3.	Year of Commissioning.	1993
4.	Sector	Private
5.	 Production details. Products Installed Prod. Cap. Consented Prod. Cap Restricted Prod. Cap. 	Yeast 40 TPD
6.	Raw materials & their requirement	Molasses from Sugar mills
7.	Operational status	Operating at 33 TPD
B: W	ater Pollution and its Control:	
1.	Water Supply Source	Borewell -3 , Logbooks were maintained
	Water Consumption (KLD)	Industrial 300 Domestic
2.	Water Meter to show consumption	Available Total fresh water consumption=5639 m ³ /month(Aug'14); (@29.52 TPD production) ~ 6.36 m ³ /Ton of production
3.	Flow measuring device installed at outlet of ETP	NA; Unit informed to be on Zero Liquid Discharge (ZLD)
4.	Waste Water generation (KLD) (before treatment) > Industrial > Domestic	280 KLD

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5.	Waste Water treatment capacity	
	(KLD)	
6	Details of FTP	FTD.
0.	> FTP Description with flow	Effluent→Tube settlerSand Filter→ Ultra
	diagram	Elitration \rightarrow Nano Elitration \rightarrow B O Elitration \rightarrow
	ulagrann	Polishing R Ω > Gardening & cooling towers
	> Details of Reverse Osmosis	
	plant,•if any	RO Reject \rightarrow MEE Feed Tank \rightarrow MEE \rightarrow MEE
	> Details of Multi Effect	Concentrate + Mustard HuskAgro Fuel Mixer
	Evaporator (MEE), if any	\rightarrow Agro fuel based Boiler
		Sand Filter, Ulta Filter, Reverse Osmosis, MEE
		was found operational.
		Bio-digester was non-operational.
		MEE Detail: Capacity=300 KLD
		Industry has installed five effect forced
	· •	circulation evaporator of capacity 300 KLD feed.
		Evaporation takes place in five stages in
		calandria having tubes where spent wash (RO
		Reject) is heated through steam under vacuum.
		MEE Feed rate during inspection:
		193 litr/min
		162 5 litr/min
7.	Waste water discharged (after	ZLD
/ .	treatment)(KLD)	
	> Industrial	
	Domestic	
8.	Mode of disposal of treated	On land/ Surface water
	effluent (Details)	RO Permeate- Used in Gardening & cooling
		tower
		RO Reject- Mixed with mustard husk and burnt
-		in boiler
9.	Sample distributed into no. of	2
10	Sludge disposal mode	The unit had 14 sludge drving beds filled with
10.		molasses sludge (obtain after decanting the raw
		molasses) but they did not have any proper
		system for its disposal. It was informed that the
		sludge was dried and disposed off on land fill
		sites but no proper arrangement was seen for
		the same.
		About 90 % of the sludge drying beds
ļ		were filled with molasses sludge.
11.	Effluent collection locations &	Locations Parameters

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	analysis results (if collected)		рН	BOD (mg/l)	COD (mg/l	TSS (mg/l)
		Outlet		-		
	٠	Others				
(T) T	formation respecting Bio-comp	osting - No	Bio-com	nostina		
1.	Active area for bio compost		Dio com	JUSTING		
	preparation (m ²)					
2.	Area for press mud storage	NA				
	(m ²)		•••			
3.	Area for bio compost storage	NA				
	(m²)					
4.	Spent wash storage capacity	NA				
5.	Availability of pressmud	NA		<u></u>		
6.	Quantity of compost prepared	NA	<u> </u>			
	(Monthly statement of last year)				1	
7.	Quantity of pressmen procured	NA	<u>, , , ,</u> ,			
	(Monthly statement)				_	
8.	Details of wind roses (Number,	NA				
	length, height, width of					
	stacking, space between two					
1	wind rose)					
9.	Quantity of Effluent being used	NA				
	for composting (m³/day) :					
10.	Quantity of press mud being	NA				
	used for one cycle					
11.	Maturity time in days for one	NA				
	cycle					
12.	Arrangement for rainy season	NA				
13.	Quality of ground water in the					
	area and depth of ground water					
	table					
(II) Information regarding Ferti-irrigation- no fertiirrigation						

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1.	Details of treatment of spent wash (details of bio methanisation, primary and secondary treatment)			
2.	Command area for irrigation (available land area)	NA		
3.	System for dilution of treated effluent required for ferti- irrigation	NA		
4.	System of transportation of treated effluent upto field.	NA		
5.	Formal agreements with farmers for using treated effluent			
6.	Storage facility available for treated effluent during low demand period	NA		
7.	Quality of effluent being used for ferti-irrigation	NA		
8.	Ground water monitoring network	Not available		
C: Air	Pollution and its Control			
1.	Sources of Air Pollution	Boilers		
2.	Type of Fuel used with consumption	Three boilers 1x10 TPH (MEE Reject + mustard husk) and 2x02 TPH (furnace oil) 10 TPH was operational		
3.	Stack details	35 mt height		
4.	APCS details	Multi-cyclone		
5.	Samples collections points (if collected)	Boiler of 10 TPH was operational.		
Photographs indicating locations:				

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E. Route of effluent to reach river Ganga/Yamuna (Please indicate starting from the outlet drain of the unit)

UPSIDC drain ----- River Kali---River Yamuna

The Unit claims to be on Zero Liquid Discharge however the significant amount of molasses sludge was found stored and needs to be disposed off in a scientific manner.

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The Unit mixes the MEE concentrate with mustard husk (40:60 ratio) and after sun drying, uses it in boiler (10 TPH) as fuel. MEE Condensate is treated with RO and RO permeate is stored in polishing tank from where it is re-used for boiler.

No discharge was found

1	Name of officials inspecting	Name & Designations	Signature
		Sh. Kamlesh Singh, Scientist `C', CPCB	tha 28/159/14
		Sh. A.K. Chaudhary, RO, UPPCB	
		Sh. J.B Singh, AEE, UPPCB	
		Miss. Shradha Lonarkar, Research Associate, NGRBA	Store Adde
2	Date of report Submission	01/09/2014	,

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Date of Inspection: 01/09/2014

A: G	eneral Information		
1.	Name of the unit and address	M/s Jaga Area, Sikan	tjeet Industries Ltd. Ind. drabad, Distt. Bulandshahr
2.	Name of the Proprietor/ Contact person – Designation Contact No.		
3.	Year of Commissioning.	1997	
4.	Sector	Private	
5.	 Production details. Products Installed Prod. Cap. Consented Prod. Cap Restricted Prod. Cap. 	Unit closed since 04 years	
6.	Raw materials & their requirement	Molasses	
7.	Operational status	Unit is clos by UPPCB off Only securit	ed since 04 Years and verified icials. ay guards were present.
B: W	ater Pollution and its Control:		
1.	Water Supply Source	No Datas av	ailable
	Water Consumption (KLD)	Industrial	NO Datas
		Domestic	
2.	Water Meter to show consumption	Available / N	ot available
3.	Flow measuring device installed at outlet of ETP	Available / N	ot available
4.	Waste Water generation (KLD) (before treatment) ➢ Industrial ➢ Domestic	NO Data	
5.	Waste Water treatment capacity (KLD) > Industrial > Domestic		

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6.	 Details of ETP ETP Description with flow diagram Details of Reverse Osmosis plant, if any Details of Multi Effect Evaporator, if any 	ETP in Defu ETP compris primary tank/collec clarifier	inct st ses of	tate equaliz clarifie tank	ation t erae secc	ank ration ondary
7.	Waste water discharged (after treatment)(KLD) ➤ Industrial Domestic	NO DATA		-		
8.	Mode of disposal of treated effluent (Details)	On land/ Sur	race w	ater		
9.	Sample distributed into no. of parts (2/3)	None				
10.	Sludge disposal mode	Not availble				
11.	Effluent collection locations & analysis results (if collected)	Locations	рН	Parai BOD	neters COD	TSS (mg/l)
		Outlet		(119/1)	(119/1)	(1119/1)
	Contracting Ris composition	Others				
(I) I 1.	Active area for bio compost preparation (m ²)	sting	<u></u>			
2.	Area for press mud storage (m ²)					
3.	Area for bio compost storage (m ²)					
4.	Spent wash storage capacity					
5.	Availability of pressmud					
6.	Quantity of compost prepared (Monthly statement of last year)					
7.	Quantity of pressmen procured (Monthly statement)					
8.	Details of wind roses (Number, length, height, width of stacking, space between two wind rose)					
9.	Quantity of Effluent being used for composting (m ³ /day) :					
10.	Quantity of press mud being used for one cycle					
11.	Maturity time in days for one cycle					. <u></u>
12.	Arrangement for rainy season		<u></u>			
13.	Quality of ground water in the area and depth of ground water table		•••		<u> </u>	
(II) Information regarding Ferti-irrig	gation				

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1.	Details of treatment of spent wash (details of bio methanisation, primary and secondary treatment)		
2.	Command area for irrigation (available*land area)	· .	
3.	System for dilution of treated effluent required for ferti-irrigation		
4.	System of transportation of treated effluent upto field.		
5.	Formal agreements with farmers for using treated effluent		
6.	Storage facility available for treated effluent during low demand period		
7.	Quality of effluent being used for ferti-irrigation		
8.	Ground water monitoring network	(Available /Not available)	
C: Ai	r Pollution and its Control		
1.	Sources of Air Pollution	Boiler .	
2.	> Type of Fuel used with consumption	ΝΟ ΔΑΤΑ	
3.	Stack details		
4.	> APCS details	NO DATA	
5.	Samples collections points (if collected)	PM (mg/Nm ³):	
Photographs indicating locations:			







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1	Name of inspectin	officials g	5	Name & Designations	Signature
				Sh. Kamlesh Singh, Scientist `C', CPCB	dru 03/09/14
				Sh. A.K. Chaudhary, RO, UPPCB	
				Sh. J.B Singh, AEE, UPPCB	
				Miss Shradha Lonarka Research Associate, NGRBA	r, Hadela
2	Date Submissi	of on	report		

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Date of Inspection: 01/09/2014

A: G	eneral Information	
1.	Name of the unit and address	M/s A.B. Mauri Yeast Ltd. Ind. Area, Sikandrabad, Distt. Bulandshahr
2.	Name of the Proprietor/ Contact person – Designation Contact No.	
3.	Year of Commissioning.	
4.	Sector	Private
5.	 Production details. Products Installed Prod. Cap. Consented Prod. Cap Restricted Prod. Cap. 	Closed since March,2014 Bakers Yeast Consent rejected by UPPCB
6.	Raw materials & their requirement	Molasses-1150-1200 tons/month (bought from Anamika or Wave sugar)
7.	Operational status	 → Non-operational → UPPCB has rejected the consent under Water and Air Acts vide letter dated 17.04.2014
B: W	Vater Pollution and its Control:	
1.	Water Supply Source	Borewell-2 No.
	Water Consumption (KLD)	Industrial 221.4 KLD(12 m ³ /ton of production)
	Water Consumption (RED)	Domestic
2.	Water Meter to show consumption	√ Available / Not available
3.	Flow measuring device installed at outlet of ETP	Available / Not available
4.	Waste Water generation (KLD) (before treatment) > Industrial > Domestic	500 KLD at full capacity
5.	Waste Water treatment capacity (KLD) > Industrial > Domestic	

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6.	Details of ETP ETP Description with flow diagram 	Equalization Reject mixed and sold to out of RO Reject.	tank→ with Ri tside a	Digeste ce husk v gencies fo	r → RO vithin the or final d	RO e plant isposal
	 Details of Reverse Osmosis plant, if any Details of Multi Effect 	Inadequate	ETP			
	Evaporator (MEE), if any	NO MEE INStan		hology	install	ed to
7.	Waste water discharged (after treatment)(KLD) ≻ Industrial Domestic	treat the RO	Reject	within the	he plant	
8.	Mode of disposal of treated effluent (Details)	The effluent w and RO but Unit doesn't h for the treath plant. However, L Reject is min and finally which burns boilers. Unit did not which uses t husk) as fue	as bein after the nave are ment of Unit in xed with given s the provious heir mo l in boi	g treated ne Revers ny treatm f RO Re formed th Rice h to the a dried n ded the ixed fuel lers.	in the D se osmo ject with that th nusk and gency o nixer in list of a (<i>Reject</i>	nology nin the ne RO d dried putside t their agency t + <i>Rice</i>
9.	Sample distributed into no. of parts (2/3)	None				
10.	Sludge disposal mode					
11.	Effluent collection locations &	Locations	Parameters			
11.	analysis results (if collected)		pH	BOD (mg/l)	COD (mg/l)	(mg/l)
		Outlet				
		Others				
(I)	Information regarding Bio-compo	sting N/A				<u></u>
1.	Active area for bio compost					
	preparation (m²)					
2.	Area for press mud storage (m ²)	NA				
3.	Area for bio compost storage (m ²)	NA				
4.	Spent wash storage capacity	NA		<u> </u>		
5.	Availability of pressmud	NA			. <u></u>	
6.	Quantity of compost prepared	NA			<u></u>	

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	(Monthly statement of last year)	
		ΝΙΔ
7.	Quantity of pressmen procured	INA
	(Monthly statement)	
8.	Details of wind roses (Number,	NA
	length, height, width of stacking,	
	space between two wind rose)	
0	Quantity of Effluent being used for	NA
9.	(m^3/day)	
	composing (III /day) .	
10.	Quantity of press mud being used	NA
	for one cycle	•
11.	Maturity time in days for one cycle	NA
12	Arrangement for rainy season	NA
12.		
13.	Quality of ground water in the area	
	and depth of ground water table	
(II)	Information regarding Ferti-irrig	ation N/A
1.	Details of treatment of spent wash	
	(details of bio methanisation,	
	primary and secondary treatmenty	ΝΔ
2.	(available land area)	
2	System for dilution of treated	NA
٦.	effluent required for ferti-irrigation	
4	System of transportation of treated	NA
	effluent upto field.	
5.	Formal agreements with farmers	NA
	for using treated effluent	
6.	Storage facility available for	NA
	treated effluent during low demand	
	Quality of effluent being used for	NA
/.	ferti-irrigation	····
8.	Ground water monitoring network	(Available /Not available)
C: A	ir Pollution and its Control	
1.	Sources of Air Pollution	
2.	> Type of Fuel used with	
	consumption	
3.	> Stack details	

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4	ADCC details		
4.	> APCS details		
5.	(if collected)	nts No-operational ther	efore no stack monitoring
		done	
Phot	ographs indicating loc	ations:	
Pic 1:	Equalization tank- efflue	Pic 2: Reverse Os	mosis-Non-operational
E. Ro (Pleas	oute of effluent to reaction of the starting from the starting fro	h river Ganga/Yamuna the outlet drain of the unit)	
		Kali (E)Ganga	
1	Name of officials inspecting	Name & Designations	Signature
		Sh. Kamlesh Singh, Scientist `C', CPCB	Au 28/57/14
		Sh. A.K. Chaudhary, RO, UPPCB	
		Sh. J.B Singh, AEE, UPPCB	
		Miss. Shradha Lonarkar, Research Associate, NGRBA	Hadden -
2	Date of report		

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Submission

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Subject - Inspection of Sugar Industry & distilling as per NGIT directions dated 5° Aug 2014

Reference - Office Order No - F.No. B-190153/NGRBA/ DATED - 25.08.2014 CPCB/2013

Sugar industries and distilleries that falls under the juridiction of Regional Office (UPPCB) Ghaziabad were inspected on 1,09,2014 and 3109-2014 Jotal numbers of write inspected are "8" and details of the same asegiven below. (1) Simbholi Sugar Mill dtd. (Sugar Unit Simbholi) (2) Modi Lugar Mill dtd. (Modinagar) (3) Brijnath pur Lugar Mill (Brijnath pus) Ghaziabad Organius dtd. (Projpus) (4) Modi dostellary (Modinagar) (ټ) Simbholi Lugar Mill (distikery wit) Brijnether (6) Mohan Meakers dtel (Mohan Wager) (7) Simbholi Spirit dtal (Disklery unit) (8) The mipection was carried out jointly with the represent of UPPCB. The majorition reports of all the above units are put up for further action please. 11c, NGRBACell

For Sugar Unit

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		C J	mspection date - 01.09.2014			
A: G	eneral Information					
1.	Name of the unit and address	Modinagar 201204				
	÷					
2.	Name of the Proprietor/ Contact person – Designation Contact No.	M.C. Tyagi M	gr (Personnel Manager)			
3.	Year of Commissioning.	1980				
4.	Sector	Private				
5.	 Production details. Products Installed Prod. Cap Operating capacity 	Sugar				
6.	Cane crushing capacity	5000 TCD				
7.	Cane crushed last year 4 ² K Dec 2 ⁰¹³ - 11/5/14 (Arpu	6834035.29	Qtls.			
8.	Molasses generation	347808.35 Q	itls.			
9.	Press Mud generation	270270.00 Q	itls.			
10.	Operational status	1. Opera 2. Non of 3. Closec 4. Closec	ting - NA perational due Off Season (リンジリン l by direction - NA (なんん R. F. 8(い) l by own -NA			
B: V	Vater Pollution and its Control:	·····				
1.	Water Supply Source(s)	1. Bore Well	- 40HP 2 HO			
	Water Consumption (KLD)	Industrial	6200 KLD			
		Domestic	50 KĻD			
2.	Water Meter to show consumption	Available	gnytalled			
3.	Flow measuring device installed at outlet of ETP	Available	- V - Molch			
4.	Waste Water generation (KLD) (before treatment) > Industrial > Domestic	492560 , 490 K L J	CHOKLD			

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5.	Waste Water treatment capacity (KLD) > Industrial	1000KL/D (C9 ~	- <u></u>			
	<u>≥ Domestic</u>						
6.	Details of ETP > ETP Description with flow diagram	installed Eff		oildg	prose t.	-р. -)е [qualizer
	 Details of Reverse Osmosis plant, if any Details of Multi Effect 		-J-b-o	ge asgi	soui l		larjier feralianto
	Evaporator, if any			rentury	scrube	Za Sec	endary louber
7.	Waste water discharged (after treatment)(KLD) ≻ Industrial Domestic	Z ero dischar	g e f ເ	sovision ut sid	e disu	f Jer Lonzi (Ki	adasaba
8.	Mode of disposal of treated effluent (Details)	Zero dischar Spran 1000	ge fe	vet sci	gition. nobel	, Çasa	in
9.	Sample distributed into no. of parts (2/3)	-	¥			Throw	elsoni
10.	Sludge disposal mode	Used for love	tand fill	ing -	Bicon) monud	restry	dran
11.	Effluent collection locations &	Locations		Para	neters		
	analysis results (if collected)		рН	BOD (mg/l)	COD	TSS (ma/l)	
		Outlet	7,50	29	158	-38	
		Others					
(I)	Information regarding Ferti-irrig	ation			I		
1.	Details of treatment effluent	NA					
	before Ferti-irrigation						
2.	Command area for irrigation	NA					
	(available land area)						
3.	System for dilution of treated	NA					
	effluent required for ferti-						
	irrigation						
4.	System of transportation of	NA	₩.₩. ₩.₩.₩.₩.₩.₩.₩.₩.₩.₩ .₩.₩.₩.₩.₩.₩.₩.				
	treated effluent upto field.						
5.	Formal agreements with farmers	NA	· · · · · · · · · · · · · · · · · · ·			· · · · · · · · · · · · · · · · · · ·	
	for using treated effluent						
6.	Storage facility available for	NA					
	treated effluent during low						
	demand period						

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7.	Quality of effluent being used for	NA
	ferti-irrigation	
8.	Ground water monitoring network	Available
C: A	ir Pollution and its Control	N/4
1.	Sources of Air Pollution	Boiler - 21(7000 T.PH)
2.	> Type of Fuel used with	Bagasse
	consumption	30TPH
3.	 Stack details 	60M
4.	APCS details	1. Venturi wet scrubber —
5.	Samples collections points (if collected)	PM (mg/Nm ³):129 Post hole
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Nowin Chandra Durgapet Mangapet S.S. Singh, AEE, UPPCB. Submitted on 5.9.2014

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For	Sugar	1	Init
101	Jugar	- U	1 H.C.

A:	General Information					
1.	Name of the unit and address	Simbhaoli Sugars Ltd				
		Unit-Brijnathour Hanur-Bulandsheer Road				
		Briinathour				
		Hapur-245101				
2.	Name+of the Proprietor/ Contact	Shri Parmender Singh(GM)				
	person – Designation	0122-2953458				
	Contact No.	Mr. P.S. Chauhan - 98 377.81148				
3.	Year of Commissioning.	2006				
4.	Sector	Public				
5.	Production details.	Crystal Sugar				
	Products	3000TCD				
1	 Installed Prod. Cap 	3000TCD				
	 Operating capacity 					
6						
0.	Cane crushing capacity	3000TCD				
1	54					
7.	Cane crushed last year	5391549 600tlc				
	, 	5551545.000(13.				
	Ne la casa					
δ.	Molasses generation	240085.00Qtls.				
9.	Press Mud generation	4.5% on cape 6				
10	Operational status					
10.	operational status					
		1. Closed due to off season(cane)				
		3 oth April				
		As bu RT B(C)				
1 I	vater Pollution and its Control:					
1.	water Supply Source(s)	1. Tube well ー ユ é				
	Water Consumption (KLD)	Industrial 3000m3				
	Water Consumption (KLD)					
		Domestic 14m3				
2.	Water Meter to show	Available				
	consumption	-				
3.	Flow measuring device installed	Available				
	at outlet of ETP					
4.	Waste Water generation (KLD)	300KL/D				
	(Derore treatment)	<i>л</i>				
		Pril C F C				

During in spection main production unit of the mill was locked. Or per the information of Mill representative, the locking is being done or per the decision of Eugen Mill Association. Ugrha cpcb/agmail.com Sugar Formal modified considering NGT directions

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6.	Details of ETP	Enclosed				
	> ETP Description with flow diagram	spert wash	-> Log	vm -)	Diguiton	(Acid phe method
	> Details of Reverse Osmosis plant, if any	-	Bi	o E	Hogae	
5	 Details of Multi Effect Evaporator, if any 	Asm	restion	r oneste	C - f (400.	ias engin 45023/11
7.	Waste water discharged (after treatment)(KLD) > Industrial	Z ero discharg -exist NIL NIL	for for	goon dischas	, Psomi ge in K	sion also adarab
8.	DomesticInternetMode of disposal of treated effluentOn land/ Surface water :- Zero discharge(Details)Bio-composting			rge		
9.	Sample distributed into no. of parts (2/3)					
10.	Sludge disposal mode	N.A "Bio Conferral - Farmers on subsidi. Jat				
11.	Effluent collection locations &	Locations		Para	meters	1
	analysis results (if collected)		рH	BOD (mg/l)	COD (mg/l)	TSS (mg/l)
	N/A	Outlet	70	5020	15500	1260
1 2		Others				
<u>(I)</u>	nformation regarding Bio-compos	sting				
! 1.	Active area for bio compost	1 1 .57 acre				
1	preparation (m ²)					
2.	Area for press mud storage (m ²)	3.0acre				
3.	Area for bio compost storage (m ²)	Equivalent to	33%	of tota	l produc	ction of
		finished produ	ict/anni	um (appr	ox 10.0a	acre)
4.	Spent wash storage capacity	20,000+16000=36,000KL				
5.	Availability of pressmud	232000Qtls				
6	Quantity of compost prepared	-Enclosed				
	(Monthly statement of last year)					
7.	Quantity of pressmud procured	-Enclosed				
	(Monthly statement)					
8	Details of wind roses (Number,	Number-30no	s,space	e betwe	en two	o wind
	length, height, width of stacking,	rose:-1.0M				
 	space between two wind rose)	Length-200M			•	
i I		Height-1.25M				
i		.L				

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		Width-3.0M
9.	Quantity of Effluent being used for composting (m ³ /day) :	300 KLPD ステッ
10.	Quantity of press mud being used	50000Qtls
	for one cycle	
11.	Maturity time in days for one cycle	60day
12.	Arrangement for rainy season	Spent wash stored in lagoon
13.	Quality of ground water in the area	NA
	and depth of ground water table	20-25 Jul .
(II)	Information regarding Ferti-irrig	ation
1.	Details of treatment of spent wash (details of bio methanisation,	NA
	primary and secondary treatment)	
2.	Command area for irrigation	NA
	(available land alea)	ΝΔ
٠.	effluent required for ferti-irrigation	
/1	System of transportation of treated	NA
·•.	effluent upto field.	
5.	Formal agreements with farmers	NA
	for using treated effluent	
5.	Storage facility available for	NA
	treated effluent during low demand period	
7.	Quality of effluent being used for	NA
	ferti-irrigation	
8.	Ground water monitoring network	Available
C: A	ir Pollution and its Control	
1	Sources of Air Pollution	Boiler - Dis con PH
2	 Type of Fuel used with consumption 	JOTPD, 2000-2500 m3/b day
3.	Stack details	45M
	> APCS details	1. Dust collector - one. CTirme cyclone, 2.
8		3.
		4.
5.	Samples collections points	PM (mg/Nm ³): 117.0 Yes

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For Sugar Unit

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A: G	eneral Information						
1.	Name of the unit and address	Simbhaoli Sugars Limited (Unit:SimbhaoliSugar) P.O. Simbhaoli Distt. Hapur (U.P.) PIN-245207					
2.	Name of the Proprietor/ Contact person – Designation	Mr. Karan Singh (Chief General Manager)					
3.	Year of Commissioning.	1933	Side MCH To				
4.	Sector	Limited co.	in Private Sector				
5.	 Production details. Products Installed Prod. Cap Operating capacity 	White Crystal Sugar 10000TCD 10000TCD					
6.	Cane crushing capacity	10000 TCD					
7.	Cane crushed last year	11126088.12 Qtls. (season 2013-2014)					
8.	Molasses generation	475280 Qtls. (season 2013-2014)					
9.	Press Mud generation	4.68% on su 2014)	ugarcane crushed (season 2013-				
10.	Operational status	Closed by 26 4 2 An 1	vown due to Off-Season 014 bu. RTBC()				
B: W	Ater Pollution and its Control:	L					
1.	Water Supply Source(s)	Tube wells -	- 4				
	Water Consumption (KLD)	Industrial	10000 K.L./day Maximum				
		Domestic	300 K.L./day MAX.				
2.	Water Meter to show consumption	Available					
3.	Flow measuring device installed at outlet of ETP	Available					
4.	Waste Water generation (KLD) (before treatment) ➤ Industrial ➤ Domestic	1000K.L./Day Maximum					

During in spection main production unit of the mill most locked, it was informed by the Mill separe satations that the locking is being clarme as put the clearision of Sugar Mill Arrorociationngrba.cpcb@gmail.com Sugar Formal modified considering NGT directions

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5.	Waste Water treatment capacity		
	(KLD)		
	> Industrial	USOOKLD.	ing,
	> Domestic	V	
6.	Details of ETP	Bar screen \rightarrow oil& grease traps \rightarrow Eq. Tank $\rightarrow f L$	ush n
	> EIP Description with flow	→ Primary clarifier→ Aeration chamber →	·C.e.
	alagram	Secondary clarifier carbon & sand filter V-	
	r ·	notch. Sludge drying beds for drying primary and	
		secondary clariner's sludge. Phyladice clicin for	P
	<pre></pre>	Activated Sludge process with Extended Acustion Shy	ja e
		followed by Carbon & Sand filter has been	/
		installed for the treatment of industrial effluent	
		N A	
	Details of Reverse Osmosis		
	plant, if any	ΝΔ	
	> Details of Multi Effect		
7	Waste water discharged (after		
··	treatment)(KID)		
<i>`</i>	> Industrial	1000 K.L/Day Maximum for irrigation	
	NG.	purpose during season days.	
	Domestic (South) Supply the	70 K.L. /D - isigatian / draw	
8.	Mode of disposal of treated	On land / Cooling + ower / Ask quinchig / direct in	to
1	effluent (Details)	Storage Lagoons for use in irrigation purpose in	asu
		the adjoining areas	
9.	Sample distributed into no. of	+ Two borts.	
10	parts (2/3)		
10.	Sludge disposal mode	The sludge obtained from E.T.P. is dried on Sludge	
		drying beds and used as landfill or as filler material	
		nixed with press mud for Bio-composting	
11	Effluent collection locations &	Locations Parameters	
* * •	analysis results (if collected)	pH BOD COD TSS	
5.1	discharge have limit dues absourd	(mg/l) (mg/l) (mg/l)	
	at the time of instechion, no exerte	Outlet <u>7.5 16 50 20</u>	
ŀ	water not given any pertghent.	<u>CPCB(hb)</u> 7.24 65 135 42	
	Safle of the sac alleled at in	(CGC (lab) 67 27 76 \$ 46	
(I)]	Information regarding Ferti-irrig	gation	
1.	Details of treatment effluent	Activated Sludge process with Extended Aeration	
	hoforo Forti irrigation	followed her Centre & Co. 1 City 1 1	
	belore reru-irrigation	followed by Carbon & Sand filter has been	
		installed for the treatment of industrial effluent.	
2	Command area for irrigation	150 hectare	
2.	command area for imgation	150 hectare	
	(available land area)		
3.	System for dilution of treated	N.A.	
	affluent required for forti		
	emaent required for refu-		
	innightan		

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4.	System of transportation of	Treated effluent is disposed in to storage
	treated effluent upto field.	lagoons out side of factory premises. It is
		either pumped or drawn through opening in
		the lagoon wall to neighboring field of
		farmers.
5.	Formal agreements with farmers	Yes
	for using treated effluent	
6.	Storage facility available for	Brick lined lagoons with capacity of 15000
	treated effluent during low	cubic meters. Storage capacity for 15 days.
	demand period	
7.	Quality of effluent being used for	Ph 7.6,T.S.S. 20 mg/l, T.D.S. 780 mg/l,
i	ferti-irrigation	C.O.D. 50 mg/l, B.O.D. 16mg/l. → Abril, 2014
8.	Ground water monitoring network	(Available / Not available) yes. Detailed provident
C: A	ir Pollution and its Control	Starlby
1.	Sources of Air Pollution	BOILERS - 3, 40, 77, 110 TPH
2.	Type of Fuel used with consumption	Bagasse 1925 M.T./Day
3.	Stack details	Height 52 meters, (1:0+77) 40-3 Applu2nd
4.	> APCS details	1. ESP & Multi-Cyclone type dust collector is (110/ (774 40) installed with our boilers.
5.	Samples collections points (if collected)	RM (mg/Nm ³): 134 mg/NM3 NG N/A

Nowin Chandra Dusgopet Naughe S.S. Singe, AEE. UPPC13, Chaziabed Submitted on - 5-914

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<u>A:</u>	General Information / 9-36	ection date - 01 09 2014
1.	Name of the unit and address	MODI DISTILLERY (Modi ind. Ltd.) MODINAGAR. Distt : Ghaziabad. Pin : 201204
2.	Name of the Proprietor/ Contac person – Designation Contact No.	t Modi Industries Ltd. Mukesh Sharma—General Manager (Plant)
3.	Year of Commissioning.	September 1959
4.	Sector	Public Ltd
5.	 Production details. Products Installed Prod. Cap. Consented Prod. Cap Restricted Prod. Cap. 	Rectified Spirit 4842 KL Per Annum 4842 KL Per Annum
6.	Raw materials & their requirement	Molasses-21000 MT Per year Martic battle plastic battle, Gluss battle (App.)200 Alcopul - Abb (1,8 K) - 10
7.	Operational status	Non operational due to rainy season (Distilled Since 5 18th June, 2014
B: V	Vater Pollution and its Control:	is mugical by Excise Depti.
1.	Water Supply Source	Bore Well 40 HP 2 Mo
	Water Consumption (KLD)	Industrial 9000 Ltrs per hour
)	Water Meter to all and a	bonnestic outor Ltrs per day
.	water meter to snow consumption	Available & log book maintained
3.	Flow measuring device installed at outlet of ETP	ZLD DES Shent wash Jeneration
l. 	Waste Water generation (KLD) (before treatment) ≻ Industrial ≻ Domestic	Flow meter gnitatted No Waste water generalin from battling plant onl 200 KL PER DAY 8 KL PER DAY
5.	Waste Water treatment capacity (KLD) > Industrial	225 1/1 2 1 2 0 17 1/1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	> Domestic	BKLIDAY - Sebali Hank
	Concentration after R.O> A	TPDrux - 130kLX 6 = 78KL Day & Sugar E
	Parect 170-78 = 9:	2KL Ddy,

For Distillery Unit

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		2				
5.	Waste Water treatment capacity (KLD) > Industrial	500 KLD				
6.	 Domestic Details of ETP ETP Description with flow diagram 	Activated sludge process flow she attached. Spentaursh- Chiller -> Acid pha				
• • • • • • • • • • • • • • • • • • •	 Details of Reverse Osmosis plant, if any Details of Multi Effect Evaporator, if any 	Bioa	npost a	sejict	Por E	Digestor Gashold A CSugar
7.	Waste water discharged (after treatment)(KLD) ➤ Industrial Domestic	Added two Venturi Scrubber tanks a balance as make up water in spray pond				
8.	Mode of disposal of treated effluent (Details)	As above Over flow of Spary Pond > Hagar Palika Drain > Kadrabad Drain				
9.	Sample distributed into no. of parts (2/3)	Mixed in filter cake at bio-compost plant				
10.	Effluent collection locations &	Locations	all	Para	meters	TES
	analysis results (if collected) (Analysis report enclosed)	Outlet	рн 7<5_	(mg/l)	(mg/l) 193.2	(mg/l) -90
·	No simple callected since generated waster water from politicity	Others				
(I)	Information regarding Ferti-irrig	gation - NA				
1.	Details of treatment effluent					
2.	Command area for irrigation (available land area)					
3.	System for dilution of treated					
	irrigation					
4.	System of transportation of					
	treated effluent upto field.					
5.	for using treated effluent					
6	Storage facility available for					
	treated effluent during low					
	demand period					

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	,	
7.	Quality of effluent being used for ferti-irrigation	
8.	Ground water monitoring network	(Available / Net available)
C: A	ir Pollution and its Control	
1.	Sources of Air Pollution	
2.	Type of Fuel used with consumption	Bagasse 45 TPH
3.	Stack details	Stack no. 1- dia 2.3 mtr x 30.5 mtr height Stack no. 2 - dia 3.33 mtr x 40.0 mtr ht.
4.	APCS details	1. Venturi type wet scrubber for a cap. Of
5		35 tons for each (3 nos.) boiler separately.
		2. Venturi type wet scrubber for a cap. Of
		25 tons for boiler no 4 Which is not in
		operation.
		3.
		4.
5.	Samples collections points	PM (mg/Nm ³):
	(if collected)	Stack 1. 135 mg/Nm ³ /day
		Stack 2. 129 mg/Nm ³ /day

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Inspection done by -UNNowin Chandra Durgapal, Sc.D., CPC 13. Deller (11, Rohit Singh AEE, UPPCB, Ghaziabert

Report submitted on : 5.9.2014

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A: G	ieneral Information					
1.	Name of the unit and address	Simbhaoli Sugars Ltd Unit-Brijnathpur, Hapur-Bulandsheer Road Brijnathpur Hapur-245101				
2.	Name of the Proprietor/ Contact person – Designation Contact No.	Shri Parmender Singh(GM) 0122-2953458 Mr. P. S. Clauhan - 98377 9 81148				
3.	Year of Commissioning.	2007				
<u>4.</u> 5.	Sector Production details. • Products • Installed Prod. Cap. • Consented Prod. Cap • Restricted Prod. Cap.	Public ENA,RS,Ethanol CEXton Newton Alcohi 60KL/D Recitified Spirit 30KL/D 30KL/D				
6.	Raw materials & their requirement	Molasses 368182Qtls/Annum ,1363Qtls/day (ユモリューリー)				
7.	Operational status	1. Non operational due to rainy season Since 17th July, 2014 (Aspethe Litherto Def (Expected official or cortaber, 2014)				
E: 1	Water Pollution and its Control:					
1.	Water Supply Source	Tube well -1 HP-20				
	Water Consumption (KLD)	Industrial 300M3 Domestic 14M3				
2.	Water Meter to show consumption	Available				
3,	Flow measuring device installed at outlet of ETP	Available ~				
4.	Waste Water generation (KLD) (before treatment) > Industrial > Domestic	Reuse 30M3/d (10×3) 300M3 IKL-10KL Wasterny 14M3 Shathat				
5.	Waste Water treatment capacity (KLD) > Industrial	300M3 IKL- 10 KL wasterner 14M3 Sperfort :- 720m3/day (Bio methanization) :- Bio-composting :- N.A (C) July A C (1) to the				

For Distillery Unit

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6.	Details of ETP ETP Description with flow diagram	ENCLOSED	Spent. Bioc	wosh -	Lorgern -	- Cligest
	 Details of Reverse Osmosis plant, if any Details of Multi Effect Evaporator, if any 	Cap. 300 KL NA	PER DA	Υ	S A	
7.	Waste water discharged (after treatment)(KLD) ➤ Industrial Domestic	Zero Dischar	ge	NG	× 1.1)
8.	Mode of disposal of treated effluent (Details)	Zero Discharg	ie V	Lay Lay	Biu (on pro H
9.	Sample distributed into no. of parts (2/3)	N) A		. <u>,,,, ,,</u> ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
10.	Sludge disposal mode	After drying b Slugge of pig	eds ser es ४४	nt to Bio	Compost	
	analysis results (if collected)	Locations	DH	Para	meters	TCC
· · · ·	M.A.	Outlet	- P11	(mg/l)	(mg/l)	(mg/l)
		Others				
(I)	Information regarding Bio-compos	ting	L		1	
1.	Active area for bio compost preparation (m²)	23147.839	\$ 5.7	2 acre		
2.	Area for press mud storage (m ²)	4050 square m	neter			
3.	Area for bio compost storage (m ²)	1620			<u></u>	
4.	Spent wash storage capacity	6820 KL				
5.	Availability of pressmud	30000 MT From	n Suga	r		
6.	Quantity of compost prepared (Monthly statement of last year)	1380 MT Per m	nonth			
7.	Quantity of pressmud procured (Monthly statement)	12500 MT		<u> </u>		
8	Details of wind roses (Number	12300 MT	22E M		111- 12	~ / ~~~~~
	length, height, width of stacking,	5 Windrows	30 M	tr each	Collec	red 4 Towards
		116 4 0	11L 7 0	Mhu Can	1 0 MH	r H
	space between two wind rose)	Ht 1.0 mtr, Wi	uth 3.0	Mtr,Gap	- 1.0 Mtl	unh

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Remarks: The During in spectric proved seady Bio Remarks: The During in spectric proved seady Bio (ompost where found lying in open. Presence of dried studge in the unlined ditch / pit adjacent to logoon was naticed tot)

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		3
10.	Quantity of press mud being used	
	for one cycle	4000 MT
11.	Maturity time in days for one cycle	60
12.	Arrangement for rainy season	Ready compost shifted to Shade yard
13.	Quality of ground water in the area	Latest analysis report from approved lab
	and depth of ground water table	enclosed. Report provided by the unit
(II)	Information regarding Ferti-irrig	ationNA
1.	Details of treatment of spent wash	
	(details of bio methanisation,	
	primary and secondary treatment)	
2.	Command area for irrigation	
	(available land area)	-
3.	System for dilution of treated	
	effluent required for ferti-irrigation	
4.	System of transportation of treated	
	effluent upto field.	_
5.	Formal agreements with farmers	
	for using treated effluent	
6.	Storage facility available for	
	treated effluent during low demand	-
	period	
7.	Quality of effluent being used for	
	ferti-irrigation	
8.	Ground water monitoring network	(Available /Not available)
C: A	ir Pollution and its Control	
1.	Sources of Air Pollution	Den Marine Den Marine Con
2.	> Type of Fuel used with	Partially Baggass and approx. 98 % Bio Gas
	consumption	operate our boiler. Generally steam and
		power are utilized from Sugar Plant
3.	> Stack details	01 No. 30 Metr
4.	> APCS details	1. Multi cyclone dust collector - 3 No.
		2. Monitoring arrangement oppistalled
		3.
		4.
5.	Samples collections points	PM (mg/Nm ³):
	(if collected)	Sample point is at the top of the Stack 30
		mtr above from ground floor
	· · · · · · · · · · · · · · · · · · ·	

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@ Report submitted on - 5-9.14

CENTRAL POLLUTION CONTROL BOARD NGRBA Cell Joint inspection Report: Distillery

Date of Inspection: 01092014

A: G	eneral Information	
1.	Name of the unit and address	
		State. MIS Mohan Meaken Utd.
		Mohan Nogar Chuzidane
		Junera
2.	Name of the Proprietor/ Contact	Shri Harish Dutta
	person – Designation Contact No.	Distiller (um preduction (cordination
3.	Year of Commissioning.	1961
4.	Sector	Cooperative/Public/Private
5.	Production details.	The action Packanny of Approx
	Products	Spprox social Day
	Installed Prod. Cap.	36000 lit Duy (tor 5 County
	Consented Prod. Cap Restricted Prod. Cap	> In one cha
6	Raw materials & their requirement	Bottles (SBIT END)
0.	num matchais & their requirement	A) prox - 40,000 (0 liquer'
7.	Operational status	1. Operating - only Buttling (Distillation
		2. Non operational due rainy season unt closed
		3. Closed by direction
		4. Closed by own
B: W	ater Pollution and its Control:	Barewell of Johp 2Ho installed in factory Bean
1.	Water Supply Source	BLOHP IN 204P - 100 4 gas Waker Meter
		mostalled (trinden prince bed)
1	Water Consumption (KLD)	Industrial + micers 400 Brewery
		Domestic - Column 105 1000 Sector
2.	Water Meter to show consumption	Available / Not available
3.	Flow measuring device installed at	Available / N ot available V MIKh
	outlet of ETP	PDT
4.	outlet of ETP Waste Water generation (KLD)	PD2 > Fallo to tan Irather wayting
4.	outlet of ETP Waste Water generation (KLD) (before treatment)	PD2 + JokLD to from bothle working
4.	outlet of ETP Waste Water generation (KLD) (before treatment) > Industrial	PD2 + JokLD to from bothle working 60% Remed & 40% to ETP
4.	outlet of ETP Waste Water generation (KLD) (before treatment) > Industrial > Domestic	PD2 + Joked to from bothle working 60% Remed & 40% to ETP 170×30 y 5100 y 5KD
4. 5.	outlet of ETP Waste Water generation (KLD) (before treatment) > Industrial > Domestic Waste Water treatment capacity (KLD)	PD2 + Joked for bothle working 60% Remed & 40% to ETP + 170×30 x 5100 x 5400
4. 5.	outlet of ETP Waste Water generation (KLD) (before treatment) > Industrial > Domestic Waste Water treatment capacity (KLD) > Industrial	PD2 + Joked to from bothle working 60% Remed & 40% to ETP + 170×30 x 5100 x 540 600 m3/ Day
4. 5.	outlet of ETP Waste Water generation (KLD) (before treatment) > Industrial > Domestic Waste Water treatment capacity (KLD) > Industrial > Domestic	PD2 > Joked for bothle working 60% Remed & 40% to ETP > 170×30 x 5100 x 540 > 600 m3/ Day > 600 m3/ Day > Septicitank & Soak Pit. for
4. 5.	outlet of ETP Waste Water generation (KLD) (before treatment) > Industrial > Domestic Waste Water treatment capacity (KLD) > Industrial > Domestic	PD2 + Joked to the working 60% Remed & 40% to ETP + Jox 30 y 5100 y 5KLD + 600 M3/ Day + 600 M3/ Day + Septicitank & Soak Pat. for Bottling tonk
4. 5. ngrba.	outlet of ETP Waste Water generation (KLD) (before treatment) > Industrial > Domestic Waste Water treatment capacity (KLD) > Industrial > Domestic	PD2 Joked for bothle working 60% Rewed & 40% to ETP 170×30 x 5100 x 540 GOOM3/Day Septectank & Soak Pet. for Bottling tonk lering NGT directions 1 one chain line
4. 5. <u>ngrba</u>	outlet of ETP Waste Water generation (KLD) (before treatment) > Industrial > Domestic Waste Water treatment capacity (KLD) > Industrial > Domestic	PD2 > Joked to the working 60% Remed & 40% to ETP > 170×30 m 5100 m 5×10 > 600 m3/ Day > 600 m3/ Day > 600 m3/ Day > 600 m3/ Day Bot + ling tonk dering NGT directions for one chain line
4. 5. <u>ngrba</u>	outlet of ETP Waste Water generation (KLD) (before treatment) > Industrial > Domestic Waste Water treatment capacity (KLD) > Industrial > Domestic	PD2 Joked for bothle working 60% Rewed & 40% to ETP 170×30 x 5100 x 540 GOOM3/Day September 4 Soak Pat. for Bottling tonk for one chain line Jokel D for pottle walking

Let to the ETP

	Botting Plant + Breakf	2 Bren	ery .			
6.	Details of ETP > ETP Description with flow diagram -> Relding fank -> fertiarrightin t					
,	 Details of Reverse Osmosis plant, if any Details of Multi Effect Evaporator, if any 	H. A .		Â	ir for Ce	
7.	Waste water discharged (after. treatment)(KLD) ➤ Industrial Domestic	> 9-2 h3/hr. (at the tim of inspection) 2 hour 20 minutes >1 5 HP nuters to Hindon Aistore. 8 hour - 7.5 HP motors for inightion in guel premises				
8.	Mode of disposal of treated effluent (Details)	: On land/ Surface water on band for fertaxon gation				
9.	Sample distributed into no. of parts (2/3)		Tino			
10.	Sludge disposal mode) for Used	ay	manur	8.471	Premuna.
11.	Effluent collection locations &	Locations		Para	neters	
	analysis results (if collected) Sample callected from ETPort	Outlot	рН	BOD (mg/l)	COD (mg/l)	TSS (mg/l)
	Join bottling plant, Break jast pron bottling plant, Break jast produits unit, Break jast	CCPCB (da)	8.27	10	34	14
(I) I	nformation regarding Bio-compos	CSGS(Ab)	/ /			
1.	Active area for bio compost	1 he = 10,000ar				
	preparation (m ²)	1 acre = 4046.81	. 17			
2.	Area for press mud storage (m ²)					
3.	Area for bio compost storage (m ²)					
4.	Spent wash storage capacity					
5.	Availability of pressmud					
6.	Quantity of compost prepared					
	(Monthly statement of last year)					
7.	Quantity of pressmen procured (Monthly statement)					
8.	Details of wind roses (Number	· · ·				
	length, height, width of stacking					
	space between two wind rose)					
9.	Quantity of Effluent being used for					

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Quantity of press mud being used		
for one cycle		
Maturity time in days for one cycle		
Arrangement for rainy season		
Quality of ground water in the area		
and depth of ground water table	Analysis date enclosed provided by	
Information regarding Ferti-	Depth - Mpp. Outool	
Details of treatment of spent wash		
(details of bio methanisation,	×	
primary and secondary treatment)	•	
Command area for irrigation	Incl Acre	
(available land area)		
System for dilution of treated		
effluent required for ferti-irrigation	*	11
System of transportation of treated	Through Withing Pump 15H P INot	r n
effluent upto field.	7.5HP. 240 for Irrigation In Mile the	JFr
Formal agreements with farmers	With Hindon Air Lorie	
for using treated effluent	Her Jores	
Storage facility available for		
treated effluent during low demand		
Quality of emuent being used for		
Ground water menitoring network	(Available (Net available)	
r Pollution and its Control	(Available / Not available)	
Sources of Air Pollution		
> Type of Fuel used with		
consumption		
Stack details		
> APCS details	1.	
	2	
	2	
	3.	
	4.	
Samples collections points	PM (mg/Nm ³):	
(if collected)		
	Quantity of press mud being used for one cycle Maturity time in days for one cycle Arrangement for rainy season Quality of ground water in the area and depth of ground water table Information regarding Ferti-irrig Details of treatment of spent wash (details of bio methanisation, primary and secondary treatment) Command area for irrigation (available land area) System for dilution of treated effluent required for ferti-irrigation System of transportation of treated effluent upto field. Formal agreements with farmers for using treated effluent Storage facility available for treated effluent during low demand period Quality of effluent being used for ferti-irrigation Ground water monitoring network r Pollution and its Control Sources of Air Pollution > Type of Fuel used with consumption > Stack details > APCS details Samples collections points (if collected)	Quantity of press mud being used for one cycle Image: Construct of the second seco

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Photographs indicating locations:	4]
, ,		
3.2" x3.2"		
Pic 1: Entry of unit	Pic 2: ETP (at least 1)	
······································		
Pic 3: Compost Yard	Pic 4: RO & MEE	

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Pic: 5 Chimney (All visible)	Pic 6: Discharge points	
E. Route of effluent to reach river (Ganga/Yamuna	
(Please indicate starting from the	kin dramil - Hindon River. (Not reaching	che to
clain persing from	(Pipe clamoged line)	
water Junp.	lical.	
		d

increcting			-
hapeeing	(1)	Navin Chandon Dusgapel	Namgeht
	(u)	Rohit Seigh , UPPCB, AEE	
Date of Submission	report	5.9.2014	:
	Date of Submission	(1) (u) Date of report Submission	(1) Navin Chandon Dungapol Se D, CVC 13, Delhi (1) Robit Singh, UPPCB, AEE Ghaziabori Date of report Signature Submission

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CENTRAL POLLUTION CONTROL BOARD NGRBA Cell Joint inspection Report: Distillery

Date of Inspection: 01.09.2014

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A: (General Information			
1.	Name of the unit and address	MIS Bha Bhojt	stabol Organics. Ud. Sur, Modi Nagor	
2.	Name of the Proprietor/ Contact person - Designation Contact No.	Manish M Conceined per	ucha · Phone - 98798378 rum (technical) 7(322	
3.	Year of Commissioning.			
4.	Sector	Cooperative/	Public/Private	
5.	Production details. Products Installed Prod. Cap. Consented Prod. Cap Restricted Prod. Cap. 	Start liquer		
6.	Raw materials & their requirement	¥		
7.	Operational status	1. Operating 2. Non operational due rainy season 3. Closed by direction 4. Closed by own ' For 2811		
B: V	Vater Pollution and its Control:	l		
1.	Water Supply Source			
	Water Consumption (KLD)	Industrial	Ground water	
		Domestic	н	
2.	Water Meter to show consumption	Available / Not available		
3.	Flow measuring device installed at outlet of ETP	Available / N	ot available	
4.	Waste Water generation (KLD) (before treatment) > Industrial > Domestic			
5.	Waste Water treatment capacity (KLD) > Industrial			

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2 6. Details of ETP > ETP Description with UASB (2ms) (Digestor) Cogoon V Bio Compost flow diagram Details of Reverse Osmosis plant, if any \triangleright Details of Multi Effect Evaporator, if any No Waste water discharged (after 7. treatment)(KLD) ➤ Industrial Domestic Mode of disposal of treated effluent On land/ Surface water 8. (Details) MA Sample distributed into no. of 9. parts (2/3) 10. Sludge disposal mode Bio Composites. Effluent collection locations 11. & Locations Parameters analysis results (if collected) pН BOD COD TSS (mg/l) (mg/l) (mg/l) Outlet NIA Others (I) Information regarding Bio-composting Active area for bio compost 1. preparation (m²) Area for press mud storage (m²) 2. Area for bio compost storage (m²) 3. Spent wash storage capacity 4. Availability of pressmud 5. •----Quantity of compost prepared 6. (Monthly statement of last year) Quantity of pressmen procured 7. (Monthly statement) Details of wind roses (Number, 8. length, height, width of stacking, space between two wind rose) Quantity of Effluent being used for 9. composting (m³/day) :

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10.	Quantity of press mud being used	
	for one cycle	
11.	Maturity time in days for one cycle	-
12.	Arrangement for rainy season	Lagen
13.	Quality of ground water in the area	······································
	and depth of ground water table	
(II)	Information regarding Ferti-irrig	ation
1.	Details of treatment of spent wash	
	(details of bio methanisation,	×
	primary and secondary treatment)	
2.	Command area for irrigation	/
	(available land area)	\mathcal{N}
3,	System for dilution of treated	
	effluent required for ferti-irrigation	/n
4.	System of transportation of treated	
	effluent upto field.	
5.	Formal agreements with farmers	
	for using treated effluent	
6.	Storage facility available for	
	treated effluent during low demand	
1.	Quality of effluent being used for	
8.	Ground water monitoring network	(Available /Not available) —
	Sources of Air Pollution	
2.	> Type of Fuel used with	
	consumption	
3.	Stack details	- Connected with 2 cyclones.
4.	 APCS details 	1.
		2.
		3.
		4
5.	Samples collections points	PM (mg/Nm ³):
	(IF COHECTED)	
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5 Pic 6: Discharge points Pic: 5 Chimney (All visible) E. Route of effluent to reach river Ganga/Yamuna (Please indicate starting from the outlet drain of the unit) Source -> Lagoon -> Bio Comporting.

1	Name of officials		Name & Designations	Signature
	inspecting	(1)	Navin Chandon Dusgopal:	1 Jungated
			SciD', CPCB, Delhi	IV and the second secon
		(ii)	• Rohit Singht; AEE	
			UPPCB, Ghaziabard.	
2	Date of Submission	report	5.9.2014	

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A: G	eneral Information		
1.	Name of the unit and address	Simbhaoli Spirits Limited	
		P.O. Simbhaoli Distt. Hapur (U.P.)	
•		PIN-245207	
2.	Name of the Proprietor/ Contact	R.K. Singh (C.G.M.)	
	person – Designation	Mob.No. 09927200836	
	Contact No.	P.S. Chauhan G.M.(W)	
		Mob.No. 09837781148	
3.	Year of Commissioning.	1943	
4.	Sector	Limited Co. in Private Sector	
5	Production details.	BOKED (UPPEN	sj
	Products	Alcohol al the time of C	leus
	Installed Prod. Cap.	90 K.L. PD	
	Consented Prod. Cap Restricted Prod. Cap	Correction the time	
6.	Raw materials & their requirement	Molasses 40 MT/Dav(approximate)	
		For 90 KLPD of Alcohol	
7.	Operational status	Closed by direction due to confect rejection due to confect rejection due to confect rejection and the left of the left.	ion l
	L		
B: W	ater Pollution and its Control:	<u> </u>	
1.	Water Supply Source	Tube wells – Z	
	Water Consumption (KLD)	Industrial 2214M ³ /Day (maximum)	
		Domestic 50 M ³ /Day	
2.	Water Meter to show consumption	Available	
3.	Flow measuring device installed at	Available	
4	Waste Water generation (VID)	· · · · · · · · · · · · · · · · · · ·	
ч.	(before treatment)		
	> Industrial	$1080 \text{ M}^3/\text{Dav}(\text{maximum})$	
	> Domestic	50 M3/Day & Sublic taux & Sunk hit i	

For Distillery Unit

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•		2 R	0		Ror	hee	encentref.
5.	Waste Water treatment capacity (KLD)	Certing	tom	Conder	'7'		1
	> Industrial	Anaerobic digest /Day), Reverse (Effect Evaporate	ter-3 Nos Osmosis I or 1 720 1	s.(375+650 Plant 720 : m3/day _ F	0+550 K.I m3/day, N 310-comp	L. RSW Aulti- osting	Bio
	> Domestic	plant. $ G^{o}$ Soak pit/Septic T	resulty	, Rois من	beig i	neity 2	strictin
6.	Details of ETP > ETP Description with flow diagram	Distillery	ooling t R.O. /M ting plan	ower→ 7 IEE→ Sto it. Sludge	An. Dige rage lago drying be	stors ons ds for	
	 Details of Reverse Osmosis plant, if any Details of Multi Effect Evaporator, if any 	arying of studge	•				
7.	Waste water discharged (after treatment)(KLD) ➤ Industrial Domestic	(u Zero discharge,i 50 K.L./Day	se n bio-coi	mposting.)		
8.	Mode of disposal of treated effluent (Details)	On land/ Sur Bio-compostin	face wa g.	ater : ze	ro disc r	uæ ₽ge in	
9.	Sample distributed into no. of parts (2/3)				/ chigest	or	
10.	Sludge disposal mode	The sludge obta manufacturing of Bio-composting Press Mud and effluent of Disti	ained fro of good o process 1 primar 1lery.+	om E.T.P. quality of with the H y treated ETP	is being Bio-manu nelp of Su and con Mudge	used for ire in the igar mills centrated	ugnithi,
11.	Effluent collection locations &	Locations		Para	meters	- V	
	analysis results (if collected)		рН	BOD (mg/l)	COD (mg/l)	TSS (mg/l)	_
	0116	Outlet					
		Others					
(I) I	nformation regarding Bio-compos	sting					-
1.	Active area for bio compost	1 ha = 10,000 1 acre = 0.4046	m² 5863 h	Active	area 16	Acres	
		1 acre = 4046.8	825 m2				
2.	Area for press mud storage (m ²)	2 Acres]
3.	Area for bio compost storage (m ²)	1200m2 .	·		1		
4.	Spent wash storage capacity	20000 m3	(10	joon, 6	o boo l	دا عد	end.
5.	Availability of press mud	50000 M.T.		0			

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	(Monthly statement of last year)	
7.	Quantity of press mud procured	Press mud is being procured from our Sugar
	(Monthly statement)	Unit.
8.	Details of wind roses (Number,	Plot A: L 150 M,W 3.0 M, H 1.5 M
0,	length height width of stacking,	Plot B: L 125 M,W 3.0 M, H 1.5 M
	rengen, height, maan et etabling,	Plot D: L 185 M,W 3.0 M, H 1.5 M
•	space between two wind rose?	Space 3.0 meters
		Space 5.0 meters
9.	Quantity of Effluent being used for	Bio-composting process stopped due to fairly
	composting (m ³ /day):	season. 3 K.L./M.T of Press mud.
10.	Quantity of press mud being used	13200 M.T.
	for one cycle	
	Multiplication in doug for one cycle	45-60 days
<u>_</u> 11.	Maturity time in days for one cycle	A shade is made for storage of prepared bio-
12.	Arrangement for rainy season	A shale is made for shally used
		manure Press mud is being covered with
		Polythene during rainy season.
13.	Quality of ground water in the area	Detailed separat attacked with Mr
	and depth of ground water table	20-25 Leet
/	() Information regarding Ferti-irrig	pation
	Details of treatment of spent wash	N.A.
.	(details of bio methanisation,	
	primary and secondary treatment)	
2.	Command area for irrigation	N.A.
	(available land area)	
3.	System for dilution of treated	N.A.
	effluent required for ferti-irrigation	
4.	System of transportation of treated	1 N.A.
-	effluent upto field.	N A
5.	Formal agreements with faithers	
6	Storage facility available for	N.A.
0.	treated effluent during low deman	d
	neriod	
7	Quality of effluent being used for	N.A.
1'	ferti-irrigation	
8	Ground water monitoring network	(Available /Not available): N.A.
<u>C:</u>	Air Pollution and its Control	
1.	Sources of Air Pollution	7.5 TPH AND 10.5 TPH Boiler -
2	> Type of Fuel used wit	h Bio-gas 40000 m3/day .

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4 Bagasse 60 M.T. /DAY consumption Height 52 meters, dia 2.4 meters. Stack details 3. Bagasse fired boiler 7.5 TPH is equipped with APCS details 4. Multi cyclone type dust collector. PM (mg/Nm³): 43 mg/NM3-Samples collections points 5. (if collected) NA ateri en Ash + 200 the tise of Completely

Nouin chandra Dusgepol Mangapol S.S. Singh, AEE, UPPCB Submitted on 5-9-2014

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Central Pollution Control Board

Sub: Visit Report of the Units of Baghpat & Meerut

As per the office order no. B-190153/NGRBA/CPCB/2013-14/2035 dated 25.08.2014 and the discussions held in the chamber of MS on 29.08.2014, a team of officials from Head Office comprising of Shri Shriance Jain, Scientist 'D', Dr. Sananda Sinha. RA and Shri K.S. Rawat, JLA visited the following industries on 05.09.2014 under the project "National Canga Biver Pasin Authority (NCDBAV") the project "National Ganga River Basin Authority (NGRBA)":

- 2.
- M/s. Bagpat Cooperative Sugar Mills Ltd. Bagpat, Uttar Pradesh M/s. Ramala Sahkari Chini Mill Ltd., Baraut, Bagpat, Uttar Pradesh M/s. Bajaj Hindustan Limited (Sugar Unit), Kinauni 850 502, Meerut, Uttar Pradesh 3.
- M/s. SBEC Sugar Limited, Village Layon, Mallakhpur, Baraut, Bagpat, 4. . Uttar Pradesh
- M/s. Bajaj Hindustan Limited (Distillery Unit), Kinauni 850 502, Meerut, Uttar Pradesh 5.

The inspection reports are submitted for further necessary action please.

(Shriance Jain) Team Leader

I/c. NGRBA Cell
Central Pollution Control Board

Sub: Visit Report of the Units of Meerut

As per the office order no. B-190153/NGRBA/CPCB/2013-14/2035 dated 25.08.2014 and the discussions held in the chamber of MS on 29.08.2014, a team of officials from Head Office comprising of Shri Shriance Jain, Scientist 'D', Dr. Sananda Sinha, RA and Shri Girish Chand, Attendant visited the following industries on 10.09.2014 under the project "National Ganga River Basin Authority (NGRBA)":

- M/s. U. P. State Sugar Corporation Ltd. Unit Mohiuddinpur, Meerut, Uttar Pradesh - 250 205
 - Meerut, Ottal Fradesti 230 205 M/s. Nagar Nigam Pashuvadhshala, Ghoshipur, Meerut, U.P.

The inspection reports are submitted for further necessary action please.

(Shriance Jain) Team Leader 10.09.2014

I/c. NGRBA Cell

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CENTRAL POLLUTION CONTROL BOARD NGRBA Cell Joint inspection Report: Sugar

Date of Inspection: 10.09.2014

A: G	eneral Information	the Distance Corporation Ltd
1.	Name of the unit and address	M/s. U. P. State Sugar Corporation Ltd.
		Unit - Moniudalipui, Meeral, O.F. 250 200
2.	Name of the Proprietor/ Contact	Mr. Sneesnpal Singh, 1/c. Chief Chemist
	person – Designation	8954002210
	Contact No.	monsugar@gman.com
3.	Year of Commissioning.	1992-93
4.	Sector	Corporation / Public
5.	Production details.	
	 Products 	White Sugar sin 10% recovery
	 Installed Prod. Cap 	
	 Operating capacity 	2500 TCD
6.	Cane crushing capacity	-
7.	Cane crushed last year	
8.	Molasses generation	168899.00 Quintais
9.	Press Mud generation	/5 ton/day
10.	Operational status	Non operational
B: \	Water Pollution and its Control:	t = towell (2 Operational +1 standby)
1.	Water Supply Source(s)	1. Tubeweil (2-Operational +1 Standay)
		Domestic 700 KLD
	Water Consumption (KLD)	
2.	Water Meter to show consumption	Not available
3.	Flow measuring device installed at	Not available
	outlet of ETP	
4.	Waste Water generation (KLD)	
	(before treatment)	
ĺ	> Industrial	690 KLD
	> Domestic	
5.	Waste Water treatment capacity	
{	(KLD)	
	> Industrial	Sentic Tank
	> Domestic	Appexure - I.
6.	Details of ETP	
	> ETP Description with nov	
	diagram	
	> Details of Reverse Osmosi	3
	plant, if any	+
	> Details of Multi Ellec	
	Evaporator, if any	F 670 KLD (Non Operational)
7.	Waste water discharged (alle	
	treatment)(KLD)	
	> Industrial	
	> Domestic	at Surface Water.
8.	Mode of disposal of treated emuer	
1	(Details)	المراجع

9.	Sample distributed into no. of parts (2/3)	N.A.	- <u> </u>				
10.	Sludge disposal mode	Used by farmers					
11.	Effluent collection locations &	Locations	s Parameters				
	analysis results (if collected)		pН	BOD	COD	TSS	
		Outlot		(mg/s)	(mg/I)	(mg/i)	
		Others		-	-		
(T)	Information regarding Ferti-irriga	tion			1		
	Details of treatment effluent before	-			·····		
	Ferti-irrigation						
2.	Command area for irrigation	-					
	(available land area)						
3.	System for dilution of treated	-					
	effluent required for ferti-irrigation						
4.	System of transportation of treated	-					
1	effluent upto field.						
5.	Formal agreements with farmers	-					
	for using treated effluent						
6.	Storage facility available for treated	-					
	effluent during low demand period						
7.	Quality of effluent being used for	-					
	ferti-irrigation			·····			
8.	Ground water monitoring network	-					
C: A	ir Pollution and its Control	Dellana De					
1.	Sources of Air Pollution	Bollers - 3 I	105.	25 to a	/h.v	and 20	
		25 tonnes	s/nr,	25 ton	ines/nr	and 30	
		tonnes/nr.	7FO T-				
2.	> Type of Fuel used with	Bagasse – 7	50 10	n/day			
	consumption	2 at a lua					
3.	> Stack details	2 STACKS	llor of	F 25 tonn	oc/br.con	nacted to	
		one stack o	of hoir	1 23 (0111) 1 1 2 0 m	and 30	tonnes/hr	
		boiler conn	erted	to anoth	er stack	of height	
		40 m.	culu	to anoth	e. stack	or noight	
4.	> APCS details	Multi cyclon	e				
5.	Samples collections points	N.A.	<u> </u>				
	(if collected)						

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Remarks:

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- 1. The wild grass was observed all around the ETP area giving it the deserted look and was also not accessible.
- 2. No effluent was found being generated in the industry premises and ETP units were observed empty except rainy water.
- 3. Adequacy of pollution control system may be assessed once the industry resumes its operation.
- 4. No railings on ETP.
- 5. No attention given on maintenance of pollution control measures.
- 6. As per their information, effluent is used in irrigation by farmers.
- 7. Poor maintenance of the ETP.
- 8. As per the information given by the plant representative they had awarded the work for operation and maintenance of the entire sugar plant including ETP to a private party which will resume its work very soon.

			Signature
1	Name of officials	Name & Designations	Signature
	inspecting		<u> </u>
		Shri Shriance Jain, Sc. 'D', CPCB	Solm
		Shri Ankit Singh, AEE, UPPCB,	
		Meerut	
		Shri N.K. Tyagi, AEE, UPPCB,	
		Meerut	
		Shri N.M. Tripathi, S.A. UPPCB,	
		Meerut	
		Dr. Sananda Sinha, RA, CPCB	Sinha
		Shri Girish Chand, Attendant	Thomas
2	Date of report	10.09.2014	
-	Submission		



CENTRAL POLLUTION CONTROL BOARD NGRBA Cell Joint inspection Report: Sugar

Date of Inspection: 05.09.2014

<u>A: G</u>	eneral Information	
1.	Name of the unit and address	M/s. Bajaj Hindustan Limited (Sugar Unit), Kinauni - 850 502, Meerut, Uttar Pradesh
2.	Name of the Proprietor/ Contact	Mr. K.P. Singh, Unit Head
	person – Designation	0121-3290521
	Contact No.	
3.	Year of Commissioning.	November 2004
4.	Sector	Private
5.	Production details.	
	Products	Sugar
	 Installed Prod. Cap 	12000 MT/day
	Operating capacity	·
6.	Cane crushing capacity	12000 TCD
7.	Cane crushed last year	137738.2 MT (2013-14)
8.	Molasses generation	70690 MT (2013-14)
9.	Press Mud generation	49613 MT (2013-14)
10.	Operational status	Non operational
B: V	Vater Pollution and its Control:	
1.	Water Supply Source(s)	1. Tubewell (2 nos.)
		Industrial 12000 KLD
	Water Consumption (KLD)	Domestic 70 KLD
2.	Water Meter to show consumption	Not available
3.	Flow measuring device installed at	V-Notch could not be observed as the entire
	outlet of ETP	area for discharge of treated effluent full of
		shrubs.
4.	Waste Water generation (KLD)	
	(before treatment)	
	> Industrial	1200 KLD
	> Domestic	70 KLD
5.	Waste Water treatment capacity	
	(KLD)	
	➢ Industrial	1200 KLD
	> Domestic	70 KLD
6.	Details of ETP	Annexure – I.
	> ETP Description with flow	
	diagram	
	> Details of Reverse Osmosis	
	plant, if any	
	> Details of Multi Effect	
	Evaporator if any	

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7.	Waste water discharged (after treatment)(KLD) > Industrial > Domestic	Non Operatior	nal			
8.	Mode of disposal of treated effluent (Details)	Direct into Hir	idon Ri	ver.		
9.	Sample distributed into no. of parts	N.A.				
	(2/3)	Non operation	al.			
10.	Sludge disposal mode	For farming				
11.	Effluent collection locations &	Locations		Para	neters	
	analysis results (if collected)		рН	BOD (mg/l)	COD (mg/l)	TSS (mg/l)
		Outlet	-	-	-	-
		Others	-	-	-	-
(I)	Information regarding Ferti-irrigat	ion	I			
17.	Details of treatment effluent before	•••				
	Ferti-irrigation					
18.	Command area for irrigation	-				
	(available land area)					
19.	System for dilution of treated	-				
	effluent required for ferti-irrigation					
20.	System of transportation of treated	-				
	effluent upto field.					
21.	Formal agreements with farmers	-				
	for using treated effluent					
22.	Storage facility available for treated	-				
	effluent during low demand period					
23.	Quality of effluent being used for	-				
	ferti-irrigation					
24.	Ground water monitoring network					
C: A	r Pollution and its Control		(0.0.)			
1.	Sources of Air Pollution	Boilers – 2 no	os. (90	TPH each)	
2.	Type of Fuel used with consumption	Bagasse				!
3.	Stack details	RCC made, H	eight –	55 m ea	ch	
4.	> APCS details	Multi-cyclone	and W	et scrubb	er in eac	h boiler
5.	Samples collections points (if collected)	N.A.				

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E. Route of effluent to reach river Ganga/Yamuna (Please indicate starting from the outlet drain of the unit)

Direct discharge into Hindon River.

Remarks:

- 1. No effluent was found being generated in the industry premises and ETP units were observed empty except rainy water.
- 2. Adequacy of pollution control system may be assessed once the industry resumes its operation.

1	Name of officials inspecting	Name & Designations	Signature
		Sh. Shriance Jain, Sc `D', CPCB	Shing
		Dr. B.B. Awasthi, R.O. UPPCB, Meerut	
		Shri A.K. Tiwari, AEE, UPPCB, Meerut	
		Shri J.N. Tiwari, JEE, UPPCB, Meerut	
		Dr. Sananda Sinha, RA, CPCB	Siluhg
		Sh. K.S. Rawat, JLA, CPCB	Frunt.
2	Date of report Submission	08.09.2014	

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CENTRAL POLLUTION CONTROL BOARD NGRBA Cell Joint inspection Report: Sugar

Date of Inspection: 05.09.2014

A: G	eneral Information				
1.	Name of the unit and address	M/s. SBEC Mallakhpur, I	M/s. SBEC Sugar Limited, Village Layon, Mallakhpur, Baraut, Bagpat, Uttar Pradesh		
2.	Name of the Proprietor/ Contact	Mr. Vijay Kr.	Jain,		
	person – Designation	Manager (Co	mmercial)		
	Contact No.	0992792111	9		
3.	Year of Commissioning.	1998			
4.	Sector	Private			
5.	Production details.				
	Products	Sugar			
	 Installed Prod. Cap 	8000 TCD			
	Operating capacity	8000 TCD			
6.	Cane crushing capacity	8000 TCD			
7.	Cane crushed last year	10281538 Q	uintals		
8.	Molasses generation	504000 Quin	tals		
9.	Press Mud generation	429241 Quintals			
10.	Operational status	Non-operatio	onal		
B: V	Vater Pollution and its Control:				
1.	Water Supply Source(s)	1. Tubewell	(4 nos.) 230 m ^{3/} hr each		
		Industrial	3600 KLD		
	Water Consumption (KLD)	Domestic	No colony		
2.	Water Meter to show consumption	Not observed	d		
3.	Flow measuring device installed at outlet of ETP	V-Notch not	found.		
4.	Waste Water generation (KLD) (before treatment)				
	> Industrial	1500 KLD			
	> Domestic	70 KLD			
5.	Waste Water treatment capacity				
	(KLD)				
	> Industrial	2000 KLD			
	> Domestic	70 KLD			
6.	Details of ETP	Annexure -	Ι.		
	> ETP Description with flow				
	diagram				
	> Details of Reverse Osmosis				
	plant, if any				
	> Details of Multi Effect				
	Evaporator if any				

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7.	Waste water discharged (after	Khas Nalla w	/hich ι	ultimately	meets	Yamun	а
	treatment)(KLD)	River after	25 K.M	4. howe	ver as	per the	e
	> Industrial	information g	jiven l	by the	unit the	treated	d
	> Domestic	effluent is use	а бу га	rmers for	rirrigatio	<u>.</u>	
8.	(Details)		l.				
9.	Sample distributed into no. of	N.A.					
	parts (2/3)	Non-operation	al				
10.	Sludge disposal mode	For farming	r				
11.	Effluent collection locations &	Locations		Para	meters		
	analysis results (if collected)		рН	BOD	COD (mg/l)	TSS (mg/l)	
		Outlet		(mg/t)	(iiig/i)	(aig/i)	
		Others	_		_	_	
(T)	Information regarding Ferti-irriga	tion *		1			
25	Details of treatment effluent before	-				·	-
20.	Ferti-irrigation						
26.	Command area for irrigation (available land area)	-					
27.	System for dilution of treated	-					
	effluent required for ferti-irrigation						
28.	System of transportation of treated	-					
	effluent upto field.						
29.	Formal agreements with farmers	-					
	for using treated effluent						
30.	Storage facility available for	-					
	treated effluent during low demand						
	period						
31.	Quality of effluent being used for	-					
22	rerti-irrigation						
32. C. A	Ground water monitoring network	-					
	Sources of Air Pollution	· · ·			· · · · · · · · · · · · · · · · ·		
0. 7	> Type of Fuel used with	Bagasse					
/.	consumption	68 TPH					
8.	 Stack details 	Boilers - 2 no	 S.				
		1- Height	50 mtr	, dia. 4.2	mtr.		
		2- Height	40 mtr	, dia. 3.0	mtr.		
9.	> APCS details	Fluidized Be	d Nye	-Tray fo	llowed	by We	et
		scrubber in ea	ich boil	er			
10.	Samples collections points	N.A.					
	(if collected)	-					
		1					

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Remarks:

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Date

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- 1. The wild grass was observed around the ETP area giving it the deserted look and was also not accessible.
- No effluent was found being generated in the industry premises and ETP units were observed empty except rainy water.
- Adequacy of pollution control system may be assessed once the industry resumes its operation.
- 4. Boiler ash disposed along the approached road to the unit.
- Discharge point was concealed and only outside the industry's premises the outlet was found after crossing the road.
- 6. No attention given on maintenance of pollution control measures and as informed by the unit representative they have been allowed to enter the premises only after four months.
- 7. As per their information, effluent is used in irrigation by farmers.



Disposal of press mud along roadside and fields Signature Name & Designations Name of officials 1 inspecting Sh. Shriance Jain, Sc 'D', CPCB SRn Dr. B.B. Awasthi, R.O. UPPCB, Meerut Shri A.K. Tiwari, AEE, UPPCB, Meerut Shri J.N. Tiwari, JEE, UPPCB, Meerut Dr. Sananda Sinha, RA, CPCB Sh. K.S. Rawat, JLA, CPCB

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report 08.09.2014



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CENTRAL POLLUTION CONTROL BOARD NGRBA Cell Joint inspection Report: Sugar

Date of Inspection: 5.9.2014

A: G	eneral Information	March Chine Mill Lad Describ
1.	Name of the unit and address	M/s. Ramala Sahkari Chini Mill Ltd., Baraut,
		Bagpat, Uttar Pradesn
2.	Name of the Proprietor/ Contact	Mr. S.K. Verma, Chier Chemist
	person – Designation	9758083953
	Contact No.	1070
3.	Year of Commissioning.	
4.	Sector	Cooperative
5.	Production details.	
	Products	Sugar
	 Installed Prod. Cap 	2750 TCD
	Operating capacity	2750 TCD
6.	Cane crushing capacity	45.98 Lakh Quintal
7.	Cane crushed last year	2.32 Lakh Quintals
8.	Molasses generation	0.16 Lakh Quintals
9.	Press Mud generation	3.5% of total cane crushed
10.	Operational status	Non operational
B: V	Vater Pollution and its Control:	
1.	Water Supply Source(s)	1. Tubewell (3 nos.) - 40 HP, 40 HP & 15 HP
		Industrial 2700 KLD
	Water Consumption (KLD)	Domestic 193 KLD
2.	Water Meter to show consumption	Not available
3.	Flow measuring device installed at	V-Notch found broken.
4.	Waste Water generation (KLD)	
	(before treatment)	
	> Industrial	1200 KLD
	> Domestic	- '
5.	Waste Water treatment capacity	
	(KLD)	
	> Industrial	1200 m ³ /day – drain
	> Domestic	Septic Tank
6.	Details of ETP	Oil & Grease Trap, Equalization Tank, Aeration
	> ETP Description with flow	Chamber, Clarifier, Sludge Sump & Pump and
	diagram	Sludge Drying Beds.
	> Details of Reverse Osmosis	
	plant, if any	
	> Details of Multi Effect	
	Evanorator if any	

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7.	Waste water discharged (after					
	treatment)(KLD)					-
	Industrial	Drain				
	Domestic	Septic Tank				
8.	Mode of disposal of treated effluent	On land.	1977 - Alandan I.d., 2777 - 20 - 202			
0	Sample distributed into no. of parts	ΝΛ				
9.	(2/3)	N.A.				
10.	Sludge disposal mode	For farming				
11.	Effluent collection locations &	Locations		Para	meters	TCC
	analysis results (if collected)		рн	(mg/l)	(mg/l)	(ma/l)
		Outlet	-	-	-	-
		Others	-	-	-	-
(I)	Information regarding Ferti-irrigat	tion	±	-l	1	4
9	Details of treatment effluent before	-				
	Ferti-irrigation					
10.	Command area for irrigation	-				
· · · · · · · · · · · · · · · · · · ·	(available land area)					
11.	System for dilution of treated	-				
	effluent required for ferti-irrigation	-			"	
12.	System of transportation of treated	-				
	effluent upto field.					
13.	Formal agreements with farmers	-				
	for using treated effluent					
14.	Storage facility available for treated					
	effluent during low demand period			<u></u>		. <u></u>
15.	Quality of effluent being used for	-				
	ferti-irrigation				·····	
16.	Ground water monitoring network	-				
C: Ai	r Pollution and its Control	r				
1.	Sources of Air Pollution	Chimney – 2 r	105. (1	5 T & 15 ⁻	T) (30 T)	
		Boilers – 3 no	s. (15	tonnes, 1	5 tonnes	and 30
		tonnes)				
2.	> Type of Fuel used with	Bagasse				
	consumption	_				
3.	Stack details	Stack - 2 nos				
		Height – 30 m	each			
		5				
4.	> APCS details	Wet scrubber	in each	n boiler	· · ·	
		-				
5.	Samples collections points	N.A.				
	(if collected)					

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Local drain → Krishna River → Hindon River → Yamuna

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Remarks :

1. The wild grass was observed around the ETP area giving it the deserted look and was also not accessible.

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- 2. No effluent was found being generated in the industry premises and ETP units were observed empty except rainy water.
- 3. Adequacy of pollution control system may be assessed once the industry resumes its operation.
- 4. Poor maintenance of the ETP.
- 5. Effluent from wet scrubbers attached to the boilers is directly discharged outside the industry's premises.
- 6. The maintenance work was going on in the unit and oil and grease was being discharged directly in the drain.



Direct discharge of oil and greases into drain

1	Name of officials inspecting	Name & Designations	Signature
		Sh. Shriance Jain, Sc 'D', CPCB	Som
		Dr. B.B. Awasthi, R.O. UPPCB, Meerut	
		Shri A.K. Tiwari, AEE, UPPCB, Meerut	
		Shri J.N. Tiwari, JEE, UPPCB, Meerut	
		Dr. Sananda Sinha, RA, CPCB	Sinhe
		Sh. K.S. Rawat, JLA, CPCB	Shunt
2	Date of report Submission	08.09.2014	· · · · · · · · · · · · · · · · · · ·

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CENTRAL POLLUTION CONTROL BOARD NGRBA Cell Joint inspection Report: Sugar

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Date of Inspection: 05.09.2014

A: G	eneral Information				
1	Name of the unit and address	M/s. Bagpat Cooperative Sugar Mills Ltd.			
		Bagpat, Uttar Pradesh			
2.	Name of the Proprietor/ Contact	Mr. Narendra K. Sharma, Chief Chemist			
	person – Designation	9411287498			
	Contact No.	0121-2221029			
3.	Year of Commissioning.	1965			
4.	Sector	Cooperative			
5.	Production details.				
.*	Products	Sugar			
	 Installed Prod. Cap 	2500 TCD			
	 Operating capacity 	2500 TCD			
6.	Cane crushing capacity	2500 TCD			
7.	Cane crushed last year	4567182 Quintals			
8.	Molasses generation	267130 Quintals			
9.	Press Mud generation	138430 Quintals			
10.	Operational status	Non operational			
B: W	ater Pollution and its Control:				
1.	Water Supply Source(s)	1. Tubewell (2 nos.) – 35000 GPM/tubewell			
ļ		Industrial 375.50 KLD			
		Domestic 200 KLD			
	Water Consumption (KLD)				
2.	Water Meter to show consumption	Not available			
3.	Flow measuring device installed at outlet of ETP	Not available			
4.	Waste Water generation (KLD)				
	(before treatment)				
	> Industrial	1200 KLD			
	> Domestic	160 KLD			
5.	Waste Water treatment capacity				
	(KLD)				
	> Industrial	1200 m ³ /day			
	> Domestic	Septic Tank			
6.	Details of ETP	ETP consist of following units namely:-			
	> ETP Description with flow	Primary Clarifier, Aeration Tank, Secondary			
	diagram	Clarifier and Sludge Drying Beds.			
	> Details of Reverse Osmosis				
	plant, if any				
	> Details of Multi Effect				
	Evaporator, if any				

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7.	Waste water discharged (after treatment)(KLD) > Industrial > Domestic	Non Operation	al			
8.	Mode of disposal of treated effluent (Details)	In local drain length 5 kms. as informed b being used reaching River	, outsi Meets y the u by faru Yamu	de the p River Ya nit the tr mers for na.	remises, amuna. H eated eff irrigati	stretch Iowever fluent is on and
9.	Sample distributed into no. of parts (2/3)	-				
10.	Sludge disposal mode	For farming				
11.	Effluent collection locations &	Locations		Para	neters	
	analysis results (if collected)		рН	BOD (mg/l)	COD (mg/l)	TSS (mg/l)
		Outlet 👻	-	-	-	-
		Others	-	-	-	-
(I)	Information regarding Ferti-irrigat	tion				
1.	Details of treatment effluent before	-				
	Ferti-irrigation					
2	Command area for irrigation	-				
	(available land area)					
3	System for dilution of treated	-				
5.	effluent required for ferti-irrigation					
4	System of transportation of treated	-				
	effluent unto field					
5.	Formal agreements with farmers	-				
0.	for using treated effluent					
6.	Storage facility available for treated	-				
	effluent during low demand period					
7.	Quality of effluent being used for	•				
	ferti-irrigation					
8.	Ground water monitoring network	-				
C: A	ir Pollution and its Control	· · · · · · · · · · · · · · · · · · ·				
1.	Sources of Air Pollution	Boilers – 3 no	S.			
		30 tonnes, 30	tonnes	; and 20 t	onnes.	
2	> Type of Fuel used with	Bagasse				
2.	consumption					
3	Stack details	Height – 30 m	each			
⊿.	> APCS details	Multi cyclone	& Wet	scruhher i	n each h	oiler
5.	Samples collections points	N.A.	<u></u>			
		<u> </u>				

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Through local drain (5 km) → Yamuna

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Remarks:

- 1. The wild grass was observed around the ETP area giving it the deserted look and was also not accessible.
- 2. No effluent was found being generated in the industry premises and ETP units were observed empty except rainy water.
- 3. Adequacy of pollution control system may be assessed once the industry resumes its operation.
- 4. No railings on ETP.
- 5. Boiler ash disposed at backyard.
- 6. Discharge point was concealed and only outside the industry's premises the outlet was found after crossing the road.
- 7. No attention given on maintenance of pollution control measures.
- 8. As per their information, effluent is used in irrigation by farmers.



Disposal of boiler ash at backyard

1	Name of officials	Name & Designations	Signature
:	inspecting	Sh. Shriance Jain, Sc 'D', CPCB	Solomi
		Dr. B.B. Awasthi, R.O. UPPCB, Meerut	
		Shri A.K. Tiwari, AEE, UPPCB, Meerut	
		Shri J.N. Tiwari, JEE, UPPCB, Meerut	
		Dr. Sananda Sinha, RA, CPCB	Seintre
		Sh. K.S. Rawat, JLA, CPCB	Annut .
2	Date of report Submission	08.09.2014	

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CDCD CENTRAL POLLUTION CONTROL BOARD NGRBA Cell

Joint inspection Report: Distillery

Date of Inspection: 5.9.2014

A: (Seneral Information	1
1.	Name of the unit and address	M/s. Bajaj Hindustan Limited (Distillery Division), Kinauni - 250502, Meerut, UP
2.	Name of the Proprietor/ Contact person – Designation	Mr. Mukesh Bhatnagar, Gen. Manager
	Contact No.	0121-3290501
3.	Year of Commissioning.	January 2006
4.	Sector	Private
5.	Production details.	
	Products	RS & ENA
	 Installed Prod. Cap. 	160 KLPD
	Consented Prod. Cap	
	Restricted Prod. Cap.	:
6.	Raw materials & their	Molasses – 200000 MT/Annum
	requirement	
7.	Operational status	Non-operational
B: V	Vater Pollution and its Control:	
1.	Water Supply Source	Tube well (1 no.)
		Industrial 3450 KLPD
	water Consumption (KLD)	Domestic 15 KLD
2.	Water Meter to show consumption	The unit was under lockout hence could not be observed
3.	Flow measuring device installed	The unit was under lockout hence could not
	at outlet of ETP	be observed
4.	Waste Water generation (KLD)	
	(before treatment)	
	> Industrial	1280 KLPD
	> Domestic	-
5.	Waste Water treatment capacity	
	> Industrial	1280 KLPD
	> Domestic	-
6.	Details of ETP	The unit was under lockout and hence could
	> ETP Description with flow	not be observed.
	diagram	
	> Details of Reverse Osmosis	
	plant, if any	
	> Details of Multi Effect	
	Evaporator, if any	
7.	Waste water discharged (after	Industry claims to operate on zero
	treatment)(KLD)	discharge however, it can be verified at the
	> Industrial	time once industry comes operational.
	> Domestic	
8.	Mode of disposal of treated	Direct into Hindon River.
	effluent (Details)	· · · · · · · · · · · · · · · · · · ·
9.	Sample distributed into no. of	
	parts (2/3)	

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10.	Sludge disposal mode	-				
11.	Effluent collection locations &	Locations		Para	meters	
	analysis results (if collected)		рН	BOD	COD	TSS
		Outlot		(mg/l)	(mg/l)	(mg/l)
		Outlet			-	-
(T)		Others		-	-	-
(1)	Active prop for his compe	osting				
1.	preparation (m ²)	18 acres [1 ha = 10,000m 1 acre = 4046.82	², 1 acre = 5 m²]	= 0.4046863	hectare,	
2.	Area for press mud storage (m ²)	7 acres				
3.	Area for bio compost storage (m²)	7.23 acres				
4.	Spent wash storage capacity	1 month				
5.	Availability of press mud	From sugar	unit			
6.	Quantity of compost prepared (Monthly statement of last year)	15751 MT (2	012-13)		
7.	Quantity of pressmen procured	As per m	anufact	urina d	ata of	sugar
	(Monthly statement)	production				e a gai
8.	Details of wind roses (Number,	Length of wir	ndow as	s per varo	dimens	ion.
	length, height, width of stacking,					
9.	Quantity of Effluent being used	$640 \text{ m}^3/\text{day}$				
5.	for composting (m^3/day) :	o to myady				
10.	Quantity of press mud being used	11000 MT/cv	cle			
	for one cycle					
11.	Maturity time in days for one cycle	60 days		AND		· · · · · · · · · · · · · · · · · · ·
12.	Arrangement for rainy season	Shut down.		· · · · · · · · · · · · · · · · · · ·		
13.	Quality of ground water in the	-	· · · · · · · · · · · · · · · · · · ·			
	table					
(II)	Information regarding Ferti-irri	gation				
1.	Details of treatment of spent	N.A.				
	wash (details of bio					
	methanisation, primary and					
	secondary treatment)					
2.	Command area for irrigation	N.A.				
2	System for dilution of troated					
5.	effluent required for ferti-	N.A.				
	irrigation					
4.	System of transportation of	ΝΑ			******	· · · · · · · · · · · · · · · · · · ·
	treated effluent upto field.					
5.	Formal agreements with farmers	N.A.				
	for using treated effluent					
6.	Storage facility available for	N.A.				
	treated effluent during low		•			
	demand period					
7.	Quality of effluent being used for ferti-irrigation	N.A.				анны на "а. () на <u>на о</u> ди од и - <u></u>
8.	Ground water monitoring network	N.A				
	-	*				

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C: A	ir Pollution and its Control	
1.	Sources of Air Pollution	Boiler (Cap. 40 TPH)
2.	Type of Fuel used with consumption	Bagasse and Bio Gas
3.	Stack details	RCC made, H=45 m and dia = 2.2 mtr.
4.	APCS details	Wet scrübber
5.	Samples collections points (if collected)	N.A. due to non-operational due to rainly season.

Photographs indicating locations:



E. Route of effluent to reach river Ganga/Yamuna (Please indicate starting from the outlet drain of the unit)

Direct discharge into Hindon River.

Remarks:

Unit was under lock out by the Farmers hence could not be inspected and photographs could not be taken.

1	Name of officials	Name & Designations	Signature
	inspecting	Sh. Shriance Jain, Sc 'D', CPCB	Som
		Dr. B.B. Awasthi, R.O. UPPCB, Meerut	
		Shri A.K. Tiwari, AEE, UPPCB, Meerut	
		Shri J.N. Tiwari, JEE, UPPCB, Meerut	
		Dr. Sananda Sinha, RA, CPCB	Sinh
		Sh. K.S. Rawat, JLA, CPCB	ARu. L
2	Date of report Submission	08.09.2014	

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CpcD CENTRAL POLLUTION CONTROL BOARD NGRBA Cell Joint inspection Report: Slaughter House

Date of Inspection: 10.9.2014

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A: G	eneral Information	
1.	Name of the unit and address	M/s. Nagar Nigam Pashuvaghshala, Village Ghoshipur, Meerut, Uttar Pradesh
2.	Name of the Proprietor/ Contact person – Designation Contact No.	Mr. Mohd Naseer S/o Mr. Khacheru, Gate Keeper -



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Remarks:

The industry was found closed.

Industry is closed since 16-01-2013 as per closure order dated 15.01.2013 issued by Uttar Pradesh Pollution Control Board (copy enclosed) for the reason of discharging the effluent directly into East Kali River without having completing their construction work of ETP.

1	Name of officials inspecting	Name & Designations	Signature
		Shri Shriance Jain, Sc. 'D', CPCB	Stami
		Shri Ankit Singh, AEE, UPPCB, Meerut	
	· · ·	Shri N.K. Tyagi, AEE, UPPCB, Meerut	. t _i
		Shri N.M. Tripathi, S.A. UPPCB, Meerut	
		Dr. Sananda Sinha, RA, CPCB	Ssinhag
		Shri Girish Chand, Attendant	Grepornelry
2	Date of report Submission	10.09.2014	

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UTTAR PRA	DESH POLLITION CONTROL BOARD
ن والا لا 222.4 × 10 × 10 × 10 × 10 × 10 × 10 × 10 × 1	
1-1-650 (
1-15596	· · · · · · · · · · · · · · · · · · ·
ो^ ऽऽ९ि संदर्भ संख्या	-189/मेरठ/काठम0/12 दिसांक (5) 1.1.5
~ ऽऽ९८ संदर्भ संख्या	-189/मेरठ/काठबo/12 दिलांक (5) (-) (5)
ो⁻।ऽऽ९८ संदर्भ संख्या	-189/मेरठ/काठम0/12 दिसांक <u>() () ()</u> प्रजीपहल मैंठ जगर जिनम प्रमुवधशाला
ोि । ऽ ऽी ८ संदर्भ संख्या सेवा में, मै0 पशुवधशाला नगर निगम, घोसीपुर,	-189/मेरठ/काठबठ/12 दिशांक <u>र्िनि</u> प्रजीपन्त मैंठ समर जिनम प्रमुवधशाला - उळवार फिरास क्रेशी
ोि । ऽ ऽी ८ संदर्भ संख्या	-189/मेरठ/काठम0/12 विसाक (5) (5) (5) पठीफल मैंठ सगर जिनम प्रमुखसाला उळवार फिराज कुरेशों निवेशक अल फहोन सीटेक्स प्रा0लिठ
~ SS9 6 संदर्भ संख्या सेवा में, मै0 पशुवधशाला नगर निगम, घोसीपुर, मेरठ ।	-189/मेरठ/काठम0/12 विभाक 15115 पठीपहरा मैंठ नगर निगम प्रश्नुवधशाला उळवार फिराज कुरेशी निवेशक अल फहीम मेटेक्स प्रा0लिठ 1108, रेप्सम यहालीम शोहराय मेट.

यह कि मैं0 पशुवधशाला नगर निगम, घोसीपुर, मेरठ जो कि पशुवध का कार्य करते हुए उपरावत भूमिंगित स्थल पर कार्यरत है, जल (प्रदूषण निवारण एवं नियंत्रण) अधिनियम-1974 की धारा 47 के अन्दर्भत भूभ एक कम्पनी है।

यतः दिनांक 8.8.12 को मैं० पशुवधशाला नगर निगन, भरतिनुत कर द जन्मधान विश्विक अन्तर्गत बोर्ड के प्राधिकृत अधिकारी द्वारा किया गया। निरीक्षण के समय प्राय भाषा भाषा का सुनुवधित्वन क उत्प्रवाह शुद्धीकरण संयंत्र का निर्माम कार्य पूर्ण किये दिनः प्रतूर्धवं उद्धावक का विद्यालय से सुनुवधित्वन क उत्प्रवाह शुद्धीकरण संयंत्र का निर्माम कार्य पूर्ण किये दिनः प्रतूर्धवं उद्धावक का विद्यालय से सुनुवधित्वन क (पूर्वी) में किया जाता है। प्रक्रिया से जनित रलड को संग्रीग्रेट कर टेक में मुद्धवित का विद्यालय से अन्तर्भ त्वान (पूर्वी) में किया जाता है। प्रक्रिया से जनित रलड को संग्रीग्रेट कर टेक में मुद्धवित का वास्त्र सीज वनान के निर्माण कार्य नहीं किया गया है एवं प्रशुवधशाला द्वारा रेण्डरिंग प्लान्ट एवं वार्था से स्वतन्त की खायन का कोई कार्यवाही नहीं की गई है। इकाई को जल(प्रदूषण नियारण एवं निर्यवन्ध) आधितिममन्ना974 की सारन्न क अन्तर्गत कारण बताओ नोटिस योर्ड के पत्रांक-एफ14331 / सीन्ड / जलन्तरि97 सिख, 12 दिनांक 21 12 12 को प्रेषितं किया गया। कारण बताओ नोटिस के अनुकम में इकाई से आव उत्तम सम्तविक्तनक नहीं प्रधान गया है। वोर्ड के क्षेत्रीय कार्यालय, मेरठ के अधिकारियों द्वारा पशुकाशाल्य के निर्धवन वित्तक 25 (2) 12 की किया गया है। विचांक 25.12.12 को निरीक्षण के रामय एकलिस उत्पाप्त हो नमूता में दिख्याक का निष्ठान के कार्य सिंग मिया/लींग, तस्वेन्डेड सालिड-280 मिशा/लींग तथा। सीठकाठडींग-व800 मिया, तनींग यता यते रता निद्धाल म

यतः उपरोक्त वर्णित परिस्थितियों में जम स्वास्थ्य के हित में जस(प्रनूपण निवारण एवं निर्वतनाः अधिनियम-1974 की धारा-33(ए) के अन्तर्गत राज्य बोर्ड को प्रवतः शवित्रज्ञों क अर्थन एव उपरोधल बांधन तथ्यों के परिपेक्ष्य में मैं0 पशुक्कशाला नगर निगम, वासीपुर, मेरठ के विरुद्ध निम्न कार्यरा 7 निर्देश तकक प्रभाव से जारी किये जारी हैं :- .

वेक्रय भवत, सुरसिय ताल, वी व्लाफ, विभूति स्टब्स,	Preup Bleway, 3" Hoor, Vishuti Khand,
मती नगर, लखनऊ 726016	Gounti Nogger, Facturow (12604).
THIN : 0527- 2720801, 2720828, 2720601	Phone: 0522-1720834, 2720693, 1720828
au-0522-2720764	Fax: 0502-2720764
	e-mail: inford uppeb.com
www.unncb.com	Web Site: www.appeb.com

Diasnoraphiew Folderishow consector



- यह कि औद्योगिक संयंत्र मैं0 पशुक्धशाला नगर निगम, घोसीपुर, घेरट के औद्योगिक प्रक्रिय के संचालन को तत्काल प्रभाव से बन्द कर दें।
- यह कि सक्षम प्राधिकारियों से यह अपेक्षा की जाती है कि ये आँखोगिक रखन में० पशुवद्यशाला नगर निगम, घासीपुर, मेरठ को निलने वाली बिजली, जहीं की जावाटी का राग्य स्वत्र अग्य सुविधाओं को तत्काल प्रभाव से वन्द कर दें।



प्रतिलिपि:-

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D hashoraji/New holder/sho

- L जिलाधिकारी, मेरठ को सूचनार्थ प्रेषित
- नगर आयुक्त, नगर निगम,मेरठ को इस आशय से प्रोपत कि तत्वरक रक्तर पशुत्वस्थाना हो पारित निर्देशों की अनुपालन आख्यां प्रेषित करें।
- अधिशासी अमिायनता, उ०प्र0 पावर कार्पोरशन, मेरट।
- 4. अधिशासी अभियन्ता जल संस्थान, मेरठ।
 - ें क्षेत्रीय अधिकारी, उ0प्र0प्रदूषण नियंत्रण बोर्ड,मेरठ को अनुपालन आरुरग प्रेषण हतु प्रेषित

्रो सदस्य सचिव(प्रभाश)

Joint Inspection Report Sugar & Distillery Industries Moradabad, Rampur and Sambhal Region (UP)

Hon'ble Tribunal directed, vide order dated August 5, 2014, CPCB & UPPCB to carry out the Joint Inspection of the Sugar & Distillery units functioning on the banks and nearby river Ganga and Yamuma and discharging their effluents into river.

In this view, a team of CPCB & UPPCB comprises of the following officials visited the Sugar & Distillery units in Moradabad, Rampur and Sambhal Regions (UP)

Officials from CPCB, Delhi	Official/s from RO Moradabad UPPCB
ShM K Biswas, Sc 'C'	Shri Vijay, AEE
Shri Ananda Kumar Ngangom, JRF	Shri P P Singh, JE

The following industries were inspected by the above team during 2nd September, 2014 to 4th September, 2014. The summery table indicating the desired information is given below;

Summery Table: Status of Sugar and Distillery Units operating in Moradabad, Rampur and Sambhal Region (Under regional office Moradabad, UPPCB)

SI. No.	Name & Address of Industry	Cat ego ry	Date of Inspe ction	Operational Status	ETP Status Y/N	APCS Status Y/N	Water Requireme nt (Industrial) (2013-14)	Resource of Water	Water Meter installed for consumptio n (Yes/ No)	Possibl e recipie nt water Bodies	Detailed Inspectio n report
1	M/s Triveni Engineering & Ind. Ltd.(Sugar Unit), Milak Narayanpur, Tanda, Rampur	Sug ar	2/9/ 2014	Non- operational due to off season	YES	YES	2570	Ground water	Yes	River Kosi (Ramganga)	Annexure -I
2	M/s Rana Sugar Ltd. (Unit 3), Belwara, Manpur, Moradabad.	Sug ar	2/9/ 2014	Non- operational due to off season	YES	YES	4404	Ground water	No	Kajdhara drain (Ramganga)	Annexure -II
3	M/s Triveni Engineering & Ind. Ltd.(Sugar Unit), Rani Nagal, Tehsil- Thakurdwara, Moradabad	Sug ar	2/9/ 2014	Non- operational due to off season	YES	YES	2700	Ground water	Yes	Lapakana drain (Ramganga)	Amæxure -ifl
4	M/s Deewan Sugar Ltd., Agwanpur, Kanth Road, Moradabad	Sug ar	3/9/ 2014	Non- operational due to off season	YES	YES	2265	Ground water	No	Ramganga	Annexure -IV
5	M/s D.S.M. Sugar (Distillery Division), Asmauli, Moradabad	Dist iller y	3/9/ 2014	Non- operational closed by own since 9th June 2014	YES	YES	1800	Ground Water	Yes	Soat River (Ganga)	Annexure -V
6	M/s DSM Sugar,	Sug	3/9/	Non-	YES	YES	4050	Ground	No	Soat River	Annexure

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	Aemoli Dist-	ar	2014	operational			<u></u>	water		(Ganga)	-VI
	Sambhal			due to off season		VEC	3400	Ground		Mahava	Annexure
7	M/s DSM Sugar Mills, Vill- Raipura, Dist-	Sug ar	3/9/ 2014	Non- operational	YES	165	0010	Water	No	(Ganga)	-V11
8	Sambhal M/s Rana Sugar Ltd. (Unit 4),	Sug ar	3/9/ 2014	Non- operational due to off	YES	YES	3000	Ground water		Ramganga	-VIII
	Karimganj, + Shahabad,		-	season					Yes	Kosi River	Annexur
9	Rampur M/s Radico	Dist iller	4/9/ 2014	Operational	YES	YES	6600	Ground water	Yes	(Ramganga)	-IX
	Rampur	y	4/9/	Non-	YES	YES,	1320	Ground		Kulli River West Begul	Annexu -X
10	M/s Rudra Bilas Kisan Sahkari Chini Mill, Bilaspur, Rampur	ar	2014	operational due to off season		Howev er, Show casuse notie issued by SPCB to		water		River (Ramganga)	
						upgrad			No	Cabacoura	Appexi
11	M/s National Industrial	Dist iller v	4/9/ 2014	Operational	YES	YES	1050	Ground water		Drains-Ari River (Ramganga	-XI
	Raja ka	1							Yes	1	
	sahaspur, Bilari, Moradabad.				YES	YES	1900	Ground		Sahaspura Drains-Ar	Annexi
12	M/s Ajudhya Sugar Mills, Raja	Sug ar	4/9/ 2014	operational due to off				water		River (Ramgang	a)
	ka sahaspur, Bilari		,	season					No		

Overall Observations:

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- All the nine sugar units were not in operation during inspection due to off season. The units are having ETP and APCS installed. However, the APCS installed in M/s Rudra Bilas Kisan Sahkari Chini Mill, Bilaspur, Rampur, needs upgradation and UPPCB has already issued show cause notice for the same. Since, the units were not in operation, the performance of the ETP/APCS were not be evaluated.
- Two distilleries among three were in operation on the day of inspection and one unit was closed by its own since 9th June, 2014.
- Samples (Air & effluent) were collected from the two operational distillery units; the analysis result is awaited from laboratories.

Shri M K Biswas, SC'C' CPCB Delhi

Current and

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Shri Vijay, AEE Moradabad, UPPCB



Date of Inspection: 02-09-2014

A.	Concern Tak		of mspection. 02-09-2014	
A	Seneral Information			
1.	Name of the unit and address	M/S Triveni Engineering and Industries Ltd. Vill-Milak Narayanpur, Tehsil-Tanda, Dist- Rampur		
2.	Name of the Proprietor/ Contact person	- Shri Amei	Kumar Singh	
	Designation	AGM, HR 8	& Admin.	
3	Vear of Commissioning	MOB. No- 09719402388		
J.	real of commissioning.	2007		
4.	Sector	Private		
5.	 Production details. Products Installed Prod. Cap Operating capacity 	Sugar 500 MTD		
6.	Cane crushing capacity	5000 TCD		
7.	Cane crushed last year	3600200.799 MT		
8.	Molasses generation (2013-14)	17909.6 MT		
9.	Press Mud generation (2013-14)	16777.9 MT		
10.	Operational status	Non operational due to off season		
B: W	ater Pollution and its Control:			
1.	Water Supply Source(s)	Tube well		
	Water Consumption (KLD)	Industrial	2570 KLD	
		Domestic	330 KLD	
2.	Water Meter to show consumption	Available		
3.	Flow measuring device installed at outlet of ETP	Not Available		
4. 5.	Waste Water generation (KLD) (before treatment) (2013-14) ➤ Industrial ➤ Domestic Waste Water treatment conscitut (KLD)	750 KLD 260 KLD		
	 Industrial Domestic 	750 KLD		

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6	Detaile of ETD	1					
0.	 ETP Description with flow diagram 	 Oil Skimmer→ Equalization Tank → Primary					
	Details of Reverse Osmosis plant if any	Clarifier →Aeration Tank (I & II)					
	 Details of Multi Effect Evaporator, if any 	\rightarrow Secondary Clarifier \rightarrow Carbon & Sand filter					
		→Sludae Think	er				
	*						
7.	Waste water discharged (after	 					
	treatment)(KLD)						
	Domestic	750 KLD					
8.	Mode of disposal of treated effluent (Details)	On Land (Ferti Irrigation)					
9.	Sample distributed into no. of parts (2/3)	N/A					
10.	Sludge disposal mode	On land as m	anure	·····	•		
11.	Effluent collection locations & analysis	Locations	Parameters				
	results (if collected)		рН	BOD (mg/l)	COD (mg/l)	TSS (mg/l)	
		Outlet					
		Others					
(I) I	nformation regarding Ferti-irrigation	<u> </u>	<u> </u>	<u></u>	L	I	
1.	Details of treatment effluent before Ferti-	Treated effluent after Carbon & Sand filter is					
	irrigation	stord in lined lagoon					
		2800 KL					
2.	Command area for irrigation (available	50 Acrès		***		**	
	land area)						
3.	System for dilution of treated effluent	Not Required					
	required for ferti-irrigation						
4.	System of transportation of treated	Flexible pipe line					
	effluent upto field.						
5.	Formal agreements with farmers for using	Consent by farmers					
	treated effluent						
6.	Storage facility available for treated	As per (1)	<u> </u>				
	effluent during low demand period						
7.	Quality of effluent being used for ferti- irrigation	Not available					
8.	Ground water monitoring network	Not available					

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C: A	C: Air Pollution and its Control					
1.	Sources of Air Pollution	Boiler of 90 TPH				
2.	Type of Fuel used with consumption	Bagasse- 1080 MTD				
3.	Stack details	65 Meter Stack, I.D. of Stack-3.4 M				
4.	> APCS details	1. Wet Scrubber System.				
5.	Samples collections points (if collected)	PM (mg/Nm ³):				

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Photographs depicting status of industries:



Pic 4: Treated effluents stored at Lagoons

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Pic: 3 Chimney

E. Route of effluent to reach river Ganga/Yamuna

No Drain nearby, River Kosi about 5 KM

1	Name of officials inspecting	Name & Designations	Signature	
		Shri M K Biswas, Sc `C' CPCB Delhi	# \$ Pona	
		Shri Vijay, AEE Moradabad, UPPCB		
		Shri P P Singh, JEE RO Moradabad, UPPCB		
		Shri Ananda Kumar Nangom, JRF CPCB Delhi		
2	Date of repo Submission	ort 91th September, 2114		

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CENTRAL POLLUTION CONTROL BOARD NGRBA Cell Joint inspection Report: Sugar

Date of Inspection: 02-09-2014

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A: 0	eneral Information		·	
1.	Name of the unit and address	M/s Rana Sugar Limited (Unit: BELWARA) P.O. Manpur, Teh. & Distt-Moradabad (U.P.)		
2.	Name of the Proprietor/ Contact person – Designation Contact No.	Shri Sunil Kumar Srivanstava GM (Production) Mob. No.: 9997199316		
3.	Year of Commissioning.	2008		
4.	Sector	Private		
5.	 Production details. Products Installed Prod. Cap Operating capacity 	Sugar 600 MTD		
6.	Cane crushing capacity	6500 TCD		
7.	Cane crushed last year	5,10,432 MT		
8.	Molasses generation (2013-14)	26763 MT		
9.	Press Mud generation (2013-14)	19944.5 MT		
10.	Operational status	Non operati	onal due to off season	
B: W	ater Pollution and its Control:			
1.	Water Supply Source(s)	1. Tube well		
	Water Consumption (KLD)	Industrial	4404 KLD	
		Domestic	20 KLD	
2.	Water Meter to show consumption	Not available		
3.	Flow measuring device installed at outlet of ETP	Not available		
4.	Waste Water generation (KLD) (before treatment) (2013-14) ➤ Industrial ➤ Domestic	2000 KLD 16 KLD		
5.	Waste Water treatment capacity (KLD) ➤ Industrial ➤ Domestic	Capacity-2000 KLD		

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6.	 Details of ETP ETP Description with flow diagram 	Oil & Greas → Primary	se Tra Clarifie	ap → Eq r → A	ualization eration	n Tank Tank
	 Details of Reverse Osmosis plant, if any Details of Multi Effect Evaporator, if*any 	→ Secondary C	larifier	→ Sludge [Drying Bec	1
	Wester water discharged (after					
7.	treatment)(KLD) > Industrial	2000 KLD				
	Domestic	16 KLD	Irrigati	<u></u>		
8.	(Details)	On land (Feru	Imgau	on)		
9.	Sample distributed into no. of parts (2/3)	Not Required				
10.	Sludge disposal mode	 Oil & Grea bagasse used as ma 	ise buri nure	ned in B	oiler mi>	ked with
11.	Effluent collection locations &	Locations		Para	meters	T
	analysis results (if collected)		рН	BOD (mg/l)	COD (mg/l)	TSS (mg/l)
		Outlet	+			
		Others				
(I)	Information regarding Ferti-irrigat	ion				
1.	Details of treatment effluent before					
	Ferti-irrigation					
2.	Command area for irrigation	79 Hectare ow	ın (Nea	rby Farm	ers Also)	
	(available land area)					
3.	System for dilution of treated	Nat Dogwirod		<u></u>		
		Not Required				
	effluent required for ferti-irrigation	Not Required				
4.	effluent required for ferti-irrigation System of transportation of treated	Through Flexil	ole pipe	line		
4.	effluent required for ferti-irrigation System of transportation of treated effluent upto field.	Through Flexil	ole pipe	line		
4. 5.	effluent required for ferti-irrigation System of transportation of treated effluent upto field. Formal agreements with farmers for	Through Flexil Consent by Fa	ole pipe irmers	e line		
4. 5.	effluent required for ferti-irrigation System of transportation of treated effluent upto field. Formal agreements with farmers for using treated effluent	Through Flexil Consent by Fa	ole pipe Irmers	e line		
4. 5. 6.	effluent required for ferti-irrigation System of transportation of treated effluent upto field. Formal agreements with farmers for using treated effluent Storage facility available for treated	Through Flexil Consent by Fa	ole pipe irmers	e line		
4. 5. 6.	effluent required for ferti-irrigation System of transportation of treated effluent upto field. Formal agreements with farmers for using treated effluent Storage facility available for treated effluent during low demand period	Through Flexil Consent by Fa Not Available	ole pipe armers	e line		
4. 5. 6. 7.	effluent required for ferti-irrigation System of transportation of treated effluent upto field. Formal agreements with farmers for using treated effluent Storage facility available for treated effluent during low demand period Quality of effluent being used for ferti-irrigation	Through Flexil Consent by Fa Not Available Not Available	ole pipe irmers	e line		
4. 5. 6. 7. 8.	effluent required for ferti-irrigation System of transportation of treated effluent upto field. Formal agreements with farmers for using treated effluent Storage facility available for treated effluent during low demand period Quality of effluent being used for ferti-irrigation Ground water monitoring network	Through Flexil Consent by Fa Not Available Not Available	ole pipe armers	e line		

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C: A	ir Pollution and its Control	
1.	Sources of Air Pollution	Boiler of 120 TPH
2.	Type of Fuel used with consumption	Bagasse- 55 MTH
3.	Stack details	60 Meter (One) I.D4.0 Meter
4.	> APCŞ details	1. ESP
5.	Samples collections points (if collected)	PM (mg/Nm³)

Photographs indicating locations:



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E. Route of effluent to reach river Ganga/Yamuna (Please indicate starting from the outlet drain of the unit)

Road side drain→ Rajhra Drain→ Ramganga (15 Km travel to reach Ganga)

1	Name of officia inspecting	als	Name & Designations	Signature
			Shri M K Biswas, Sc `C' CPCB Delhi	A BE ONE
			Shri Vijay, AEE Moradabad, UPPCB Shri P P Singh, JEE RO Moradabad, UPPCB	
			Shri Ananda Kumar Nangom, JRF CPCB Delhi	
2	Date of Submission	report	9 th Seplember, 214	

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144 Annexuse-II

CDCD CENTRAL POLLUTION CONTROL BOARD NGRBA Cell Joint inspection Report: Sugar

Date of Inspection: 02-09-2014

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A: G	eneral Information	an a		
1.	Name of the unit and address	M/S Triveni Engineering and Industries Ltd. Unit-Rani Nagal, Thakurdwara, Moradabad.		
2.	Name of the Proprietor/ Contact person – Designation Contact No.	Shri V. P. Singh, Head HR & Admin. Mob No- 09690021630		
3.	Year of Commissioning.	2007		
4.	Sector	Private		
5.	 Production details. Products Installed Prod. Cap Operating capacity 	Sugar 500 MTD		
6.	Cane crushing capacity	5000 TCD		
7.	Cane crushed last year(2013-14)	448909.076 MT		
8.	Molasses generation(2013-14)	22273.45 MT		
9.	Press Mud generation(2013-14)	20918.8 MT		
10.	Operational status	Non operational due to off season		
B: W	ater Pollution and its Control:			
1.	Water Supply Source(s)	1. Tube well		
	Water Consumption (KLD)	Industrial	2700 KLD	
		Domestic	260 KLD	
2.	Water Meter to show consumption	Available		
3.	Flow measuring device installed at outlet of ETP	Available		
4.	Waste Water generation (KLD) (before treatment) ≻ Industrial ≻ Domestic	750 KLD		
5.	Waste Water treatment capacity (KLD) > Industrial > Domestic	750 KLD		

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6.	Details of ETP > ETP Description with flow	Oil & Grea	se Tra	ap → Eq	ualizatio	n Tank
	diagram	 → Primary Cla	rifier →	Aeratior	n Tank (I & II)
	> Details of Reverse Osmosis plant,	→ Secondary C	Clarifier	→ Sludge ⁻	Thinker→	Carbon &
	if any Details of Multi Effect Evaporator	Sand filter				
	if any					
7.	Waste water discharged (after				· · · · · · · · · · · · · · · · · · ·	•
	Freatment)(KLD)	750 KLD				
	Domestic	200 KLD			······	
8.	Mode of disposal of treated effluent (Details)	On land (Ferti	Irrigatio	on)		
9.	Sample distributed into no. of parts (2/3)	N/A				
10.	Sludge disposal mode	On land as ma	nure			
11.	Effluent collection locations &	Locations		Para	meters	·····
	analysis results (if collected)		рн	BOD (mg/l)	COD (mg/l)	TSS (mg/l)
		Outlet				
		Others				
(I)	Information regarding Ferti-irrigat	ion			1	·
1.	Details of treatment effluent before	Line lagoons 1	0,500 n	n ³		
	Ferti-irrigation		••			
2.	Command area for irrigation	14 Acres own	(Nearby	Farmers	Also)	
	(available land area)					
3.	System for dilution of treated	Not Required				
	effluent required for ferti-irrigation					
4.	System of transportation of treated	Flexible pipe				
	effluent upto field.					
5.	Formal agreements with farmers for	Consent by fa	rmers			
	using treated effluent					
6.	Storage facility available for treated	As per (1)				
	effluent during low demand period				•	
7.	Quality of effluent being used for ferti-irrigation	No measuring	device			
8.	Ground water monitoring network	Not available				
C: Ai	r Pollution and its Control	.				

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1.	Sources of Air Pollution	Boiler of 80 TPH
2.	Type of Fuel used with consumption	Bagasse- 864 MTD
3.	Stack details	60 Meter combined stack Inner dia-5.0 meter
4.	APCS details	1. ESP ·
5.	Samples collections points (if collected)	PM (mg/Nm ³):
Phot	ographs indicating locations:	

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E. Route of effluent to reach river Ganga/Yamuna (Please indicate starting from the outlet drain of the unit) Local forestry Drain→ Lapakana - Ramganga (Approx. 11Km travels to reach Ramganga)

Pic 2: Chimney

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1	Name of officials inspecting	Name & Designations	Signature
		Shri M K Biswas, Sc `C' CPCB Delhi	# gr & form
		Shri Vijay, AEE Moradabad, UPPCB Shri P P Singh, JEE RO Moradabad, UPPCB	
		Shri Ananda Kumar Nangom, JRF CPCB Delhi	-
2	Date of rep Submission	port 916 September 2014	

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Pic 1: Primary Clarifier



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Ammenuse-IV - 148



Date of Inspection: 03-09-2014

A: 6	eneral Information			
1.	Name of the unit and address	M/s Deewan Sugars Ltd., Vill- Agwanpur, Kanth Road, Distt-Moradabad (U.P.)		
2.	Name of the Proprietor/ Contact person – Designation Contact No.	Shri Atul Goel, G.M. (Production) Mob. No07500457555		
3.	Year of Commissioning.	2000		
4.	Sector	Private		
5.	 Production details. Products Installed Prod. Cap Operating capacity 	Sugar 250 MTD		
6.	Cane crushing capacity	2500 TCD		
7.	Cane crushed last year	344228.428 MT		
8.	Molasses generation(2013-14)	17995.400 MT		
9.	Press Mud generation(2013-14)	15146.032 M	T	
10.	Operational status	Non-operational due to off season		
B: V	later Pollution and its Control:	-		
1.	Water Supply Source(s)	1. Tube well		
	Water Consumption (KLD)	Industrial	2265 KLD	
		Domestic	130 KLD	
2.	Water Meter to show consumption	Not available		
3.	Flow measuring device installed at outlet of ETP	Not available		
4.	Waste Water generation (KLD) (before treatment) ≻ Industrial ≻ Domestic	1000 KLD 100 KLD	•	
5.	Waste Water treatment capacity (KLD) ≻ Industrial ≻ Domestic	1000 KLD	Menter en la constante de la consta	

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6.	Details of ETP ETP Description with flow	Bar Screen-	• Oil	and	Grease	Tran→
	diagram	Faualization	Tank	→ Prim	arv C	arifier→
	> Details of Reverse Osmosis	Aeration Tank	→ Sec	ondary (larifior→	Polishing
	plant, if any			Diddiy C		ruishing
	 Details of Multi Effect Evaporator, if any 	Tank→ Sludge	Drying	Beas.		
7.	Waste water discharged (after		~~~~			
	treatment)(KLD)	1000 KLD				
	Domestic	1000 KLD				
8.	Mode of disposal of treated effluent (Details)	On land (Ferti	Irrigat	ion)		
9.	Sample distributed into no. of parts (2/3)	N/A			· · · · · · · · · · · · · · · · · · ·	
10.	Sludge disposal mode	On land as mai	nure			
11.	Effluent collection locations &	Locations		Para	meters	
	analysis results (if collected)		рН	BOD (mg/l)	COD (mg/l)	TSS (mg/l)
		Outlet			((119/1)
		Others				
(T)	Information regarding Forti inde					
1.	Details of treatment effluent	Storage lagoon				
	before Ferti-irrigation					
2.	Command area for irrigation	50 Acres own (Nearby farmers also)				
	(available land area)					
3.	System for dilution of treated	Not Required				
	effluent required for ferti-irrigation					
4.	System of transportation of	Through Drain/	/Flexib	le pipe lir	ne	
	treated effluent upto field.					
5.	Formal agreements with farmers	Consent by farmers				
	for using treated effluent					
6.	Storage facility available for	As per (1)				
	treated effluent during low					
	demand period					la l
7.	Quality of effluent being used for ferti-irrigation	No measuring (device			
8.	Ground water, monitoring network	Not available				

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C: A	r Pollution and its Control	
1.	Sources of Air Pollution	Boiler of 77 TPH
2.	Type of Fuel used with consumption	Bagasse- 850 MTD
3.	Stack details	50 Meter, Inner dia 3.0 Meter
4.	> APCS details	1. Wet Scrubber System
	· · · ·	2.
5.	Samples collections points (if collected)	PM (mg/Nm³):
Pho	tographs indicating locations:	
Pic 1	: ETP flow diagram	Pic 2: ETP
Pic:	3 Chimney	Pic 4: Treated effluent Storage lagoon

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E. Route of effluent to reach river Ganga/Yamuna

No Nearby Drain, River Ramganga about 2 k.m. (after Railway crossing)

1	Name of officials inspecting	Name & Designations	Signature
		Shri M K Biswas, Sc `C' CPCB Delhi	+ + A to was
		Shri Vijay, AEE Moradabad, UPPCB	
		Shri P P Singh, JEE RO Moradabad, UPPCB	
		Shri Ananda Kumar Ngangom, JRF CPCB Delhi	
2	Date of repo Submission	9 th September, 2014	L

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Date of Inspection: 03-09-2014

A: G	eneral Information		
1.	Name of the unit and address	M/S DSM Sug (A Unit of Dh Vill-Asmoli, D	gar (Distillery Division), ampur Sugar Mills Ltd.) Dist- Sambhal.
2.	Name of the Proprietor/ Contact	Shri Subhash	Pandey
	person – Designation	Vice Presiden	t
	Contact No.	Ph. No 0592	23-241438
2	Voor of Commissioning	2009	-221441
J.		2008	
4.	Sector	Private	
5.	Production details.	Rectified Spir	it, ENA, Ethanol
	Installed Prod Can	100 KLD	
Ì	Consented Prod. Cap	100 1120	
	Restricted Prod. Cap.		
6.	Raw materials & their requirement	Molasses – 450 TPD	
7.	Operational status	Closed by own since 9 th June, 2014	
B: W	ater Pollution and its Control:		
1.	Water Supply Source	Tube well	
	Weter Commention (1(1D)	Industrial	1800 KLD
	water Consumption (KLD)	Domostic	194//10
		Domestic	184KLD
2.	Water Meter to show consumption	Available	
3.	Flow measuring device installed at	Not available	
	outlet of ETP		
4.	Waste Water generation (KLD)		
	(before treatment)	1000 1/10	
	Industrial Demostic		
5	Waste Water treatment canacity	TOU KLD	
Ј.	(KID)		
	> Industrial	1000KLD	

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6.	Details of ETP > ETP Description with flow	BioRO→MEE→	Віо соп	npost		followed
	 Details of Reverse Osmosis plant, if any Details of Multi Effect Evaporator, if any 	by MEE-1400 KL 19.5 Acre	D (5 s	tage) ar	nd Bio C	ompost-
7.	Waste water discharged (after treatment)(KLD) ≻ Industrial Domestic					
8.	Mode of disposal of treated effluent (Details)	NA				
9.	Sample distributed into no. of parts (2/3)	Not Required				
10.	Sludge disposal mode	Not required				
11.	Effluent collection locations &	Locations		Para	meters	TEE
	analysis results (il collected)		рп	(mg/l)	(mg/l)	(mg/l)
		Outlet				
		Others				
(I) I	nformation regarding Bio-compost	ing	1			
1.	Active area for bio compost	19.5 Acres				
	preparation (m ²)				<u> </u>	
2.	Area for press mud storage (m ²)	3.0 Acres		<u></u>		
3.	Area for bio compost storage (m ²)	3.0 Acres				
4.	Spent wash storage capacity	20,000 KL				
5.	Availability of pressmud	From own Sug	ar Mills			
6.	Quantity of compost prepared	8400 MT				-
	(Monthly statement of last year)					
7.	Quantity of pressmen procured	21600 MT				
	(Monthly statement)					
8.	Details of wind roses (Number,	Stopped due t	o rainy	season	·	
	length, height, width of stacking,					
	space between two wind rose)					
9.	Quantity of Effluent being used for	2.5 m ³ /tonnes	of pres	s mud		
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10.	Quantity of press mud being used	10,800 MT
	for one cycle	
11.	Maturity time in days for one cycle	45-50 days
12.	Arrangement for rainy season	Bio Composting Closed
13.	Quality of ground water in the area	No measuring device
	and depth of ground water table	
(II)	Information regarding Ferti-irriga	tion
1.	Details of treatment of spent wash	
	(details of bio methanisation,	
	primary and secondary treatment)	
2.	Command area for irrigation	Not Required
	(available land area)	
3.	System for dilution of treated	Not Required
	effluent required for ferti-irrigation	
4.	System of transportation of treated	
	effluent upto field.	
5.	Formal agreements with farmers for	
	using treated effluent	
6.	Storage facility available for treated	
	effluent during low demand period	
7.	Quality of effluent being used for	
	ferti-irrigation	
8.	Ground water monitoring network	Not available
<u>C: Ai</u>	r Pollution and its Control	170 TDH Pollor
<u>1</u> . 2	Type of Fuel used with	1632 MTD Bagasse and Biogas
2.	consumption	(10000m3/day)
3.	 Stack details 	72 Meters (Inner Dia 3.4 Meter)
		1.500
4.	> APCS details	1. ESP
5.	Samples collections points	PM (mg/Nm ³):
	(if collected)	

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E. Route of effluent to reach river Ganga/Yamuna

Soat River→River Ganga

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1	Name of officials inspecting	Name & Designations	Signature
		Shri M K Biswas, Sc `C' CPCB Delhi	Hak Bona
		Shri Vijay, AEE Moradabad, UPPCB Shri P P Singh, JEE BO Moradabad, UPPCB	
		Shri Ananda Kumar Nangom, JRF CPCB Delhi	
2	Date of report Submission	9 th September, 2014	

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CpcD CENTRAL POLLUTION CONTROL BOARD NGRBA Cell Joint inspection Report: Sugar

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Date of Inspection: 03-09-2014

A: Ge	eneral Information		
1.	Name of the unit and address	M/s D.S.M. Sugar, Asmoli, Dist-Sambhal.	
2.	Name of the Proprietor/ Contact person – Designation Contact No.	Shri Subhash Pandey, Vice President, Mob. No 05923221438	
3.	Year of Commissioning.	1994	
4.	Sector	Private	
5.	 Production details. Products Installed Prod. Cap Operating capacity 	Sugar 900 MTD	
6.	Cane crushing capacity	9000 TCD	
7.	Cane crushed last year	837647.314 N	1T
8.	Molasses generation (2013-14)	40946.00 MT	
9.	Press Mud generation(2013-14)	32333 MT	•
10.	Operational status	Non operational due to off season	
B: W	ater Pollution and its Control:		
1.	Water Supply Source(s)	1. Tube well	
	Water Consumption (KLD)	Industrial	4050 KLD
		Domestic	180 KLD
2.	Water Meter to show consumption	Not available	
3.	Flow measuring device installed at outlet of ETP	Not available	
4.	Waste Water generation (KLD) (before treatment) > Industrial > Domestic	1800 KLD 140 KLD	
5.	Waste Water treatment capacity (KLD) > Industrial > Domestic	2500KLD	

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6.	 Details of ETP ETP Description with flow diagram Details of Reverse Osmosis plant, if any 	Bar Screen→ Oil & Grease Trap → Equalization Tank → Primary Settling Tank→ Aeration Tar → Secondary Settling Tank→ Sludge Drying Bed		alization on Tank g Bed		
	any					
7.	Waste water discharged (after treatment)(KLD) ➤ Industrial Domestic	1800 KLD				
8.	Mode of disposal of treated effluent (Details)	On land (Ferti	Irrigatio	on)		
9.	Sample distributed into no. of parts (2/3)	N/A				
10.	Sludge disposal mode	On land as ma	nure			
11.	Effluent collection locations & analysis	Locations		Para	meters	TCC
	results (if collected)	Outlet	рн	(mg/l)	(mg/l)	(mg/l)
		Outlet				
		Others				
(I) I	nformation regarding Ferti-irrigation	· · · · · · · · · · · · · · · · · · ·				<u></u>
1.	Details of treatment effluent before	40000 KL Line	d Lagoo	on		
	Ferti-irrigation				•	
2.	Command area for irrigation (available	50 Acres own	(Nearby	/ Farmers	s Also)	
	land area)					
3.	System for dilution of treated effluent	Not Required				
	required for ferti-irrigation					
4.	System of transportation of treated	Flexible Pipe line				
	effluent upto field.					
5.	Formal agreements with farmers for	Consent by fai	rmers			
	using treated effluent					
6.	Storage facility available for treated	As (1)	<u></u>			
•	effluent during low demand period					
7.	Quality of effluent being used for ferti- irrigation	No Measuring device				
8.	Ground water monitoring network	(Not available)			
C: Ai	r Pollution and its Control					

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	(if collected)	
5.	Samples collections points	PM (ma/Nm ³):
4.	> APCS details	1. Wet Scrubber System
3.	Stack details	60 Meter combined (Inner Dia 3.4 Meter)
2.	Type of Fuel used with consumption	Bagasse- 672 MTD
1.	Sources of Air Pollution	Boiler of 60 TPH (2 no.s)



E. Route of effluent to reach river Ganga/Yamuna

Nearby River Soat

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1 Name of officials inspecting		Name & Designations	Signature
		Shri M K Biswas, Sc `C' CPCB Delhi	-MKB & non
		Shri Vijay, AEE Moradabad, UPPCB	
		Shri P P Singh, JEE RO Moradabad, UPPCB	
		Shri Ananda Kumar Ngangom, JRF CPCB Delhi	
2	Date of repor Submission	^t 9 th September, 2014	

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CDCD CENTRAL POLLUTION CONTROL BOARD NGRBA Cell Joint inspection Report: Sugar

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Date of Inspection: 03-09-2014

A: G	eneral Information			
1.	Name of the unit and address	M/s Dhampur Sugar Mills, Vill & Post- Rajpura, Tehsil- Gunnaur, Dist-Sambhal.		
2.	Name of the Proprietor/ Contact person – Designation Contact No.	Shri Subodh Singh A.G.M. Mob. No 07895003355		
3.	Year of Commissioning.	2006		
4.	Sector	Private		
5.	 Production details. Products Installed Prod. Cap Operating capacity 	Sugar 700 MTD		
6.	Cane crushing capacity(2013-14)	7000 TCD		
7.	Cane crushed last year(2013-14)	623775.436 MT		
8.	Molasses generation(2013-14)	35128.80 MT		
9.	Press Mud generation(2013-14)	23828 MT		
10.	Operational status	Non operational due to off season		
B: W	ater Pollution and its Control:			
1.	Water Supply Source(s)	1. Tube well		
	Water Consumption (KLD)	Industrial 3400 KLD		
		Domestic 200 KLD		
2.	Water Meter to show consumption	Not available		
3.	Flow measuring device installed at outlet of ETP	Not available		
4.	Waste Water generation (KLD) (before treatment) > Industrial > Domestic	2100 KLD 160 KLD		

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5.	Waste Water treatment capacity (KLD) > Industrial > Domestic	Capacity-210	0 KLD			
6.	 Details of ETP ETP Description with flow diagram Details of Reverse Osmosis plant, if any Details of Multi Effect Evaporator, if any 	Bar Screen→ Oil & Grease Trap → Primar , Settling Tank→ Aeration Tank → Secondar , Settling Tank→ Sludge Drying Bed			Primary econdary	
7.	Waste water discharged (after treatment)(KLD) ≻ Industrial Domestic	2100 KLD				
8.	Mode of disposal of treated effluent (Details)	On land (Fert	i Irrigati	on)		
9.	Sample distributed into no. of parts (2/3)	N/A		······		
10.	Sludge disposal mode	On land as ma	anure			
11.	Effluent collection locations 8					
	analysis results (if collected)	Locations	рН	Para BOD (mg/l)	COD (mg/l)	TSS (mg/l)
	analysis results (if collected)	Locations Outlet Others	рН	Para BOD (mg/l)	meters COD (mg/l)	TSS (mg/l)
	analysis results (if collected)	Locations Outlet Others	рН	Para BOD (mg/l)	meters COD (mg/l)	TSS (mg/l)
(I) 1.	analysis results (if collected) Information regarding Ferti-irrigation Details of treatment effluent before Ferti-irrigation	Locations Outlet Others n lined lagoons	рН	Para BOD (mg/l)	meters COD (mg/l)	TSS (mg/l)
(I) 1. 2.	Information regarding Ferti-irrigation Details of treatment effluent before Ferti-irrigation Command area for irrigation (available land area)	Locations Outlet Others In lined lagoons 70 Acre own (pH Nearby	Para BOD (mg/l) Farmers	Meters COD (mg/l)	TSS (mg/l)
(I) 1. 2. 3.	Information regarding Ferti-irrigation Details of treatment effluent before Ferti-irrigation Command area for irrigation (available land area) System for dilution of treated effluent required for ferti-irrigation	Locations Outlet Others Ined lagoons 70 Acre own (Not Required	pH Nearby	Para BOD (mg/l) Farmers	Also)	TSS (mg/l)
(I) 1. 2. 3. 4.	Information regarding Ferti-irrigation Details of treatment effluent before Ferti-irrigation Command area for irrigation (available land area) System for dilution of treated effluent required for ferti-irrigation System of transportation of treated effluent upto field.	Locations Outlet Others in lined lagoons 70 Acre own (Not Required Flexible Pipe li	рн Nearby	Para BOD (mg/l)	Also)	TSS (mg/l)
(I) 1. 2. 3. 4.	Information regarding Ferti-irrigation Details of treatment effluent before Ferti-irrigation Command area for irrigation (available land area) System for dilution of treated effluent required for ferti-irrigation System of transportation of treated effluent upto field. Formal agreements with farmers for using treated effluent	Locations Outlet Others n lined lagoons 70 Acre own (Not Required Flexible Pipe li Consent by far	рн Nearby ne	Para BOD (mg/l) Farmers	Also)	TSS (mg/l)

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7.	Quality of effluent being used for ferti-irrigation	No Measuring device
8.	Ground water monitoring network	(Not available)
C: Ai	r Pollution and its Control	Anno
1.	Sources of Air Pollution	Boiler of 120 TPH
2.	Type of Fuel used with consumption	Baggase- 1250 MTD
3.	Stack details	60 Meter (ID 3.5m)
4.	> APCS details	1. Wet Scrubber System
5.	Samples collections points (if collected)	PM (mg/Nm ³):

Photographs i	ndicating	the status	of the Industry



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Pic 5: Underground pipeline being closed

Pic 6: Underground pipeline closed

E. Route of effluent to reach river Ganga/Yamuna Under Ground Drain (blocked), which meets River Mahava about 1 km and finally meets Ganga

1	Name of officials inspecting			Name & Designations	Signature
				Shri M K Biswas, Sc `C' CPCB Delhi	the potentia
				Shri Vijay, AEE Moradabad, UPPCB Shri P P Singh, JEE RO Moradabad, UPPCB	
				Shri Ananda Kumar Ngangom, JRF CPCB Delhi	
2	Date Submissi	of r on	eport	9 th September, 2014	L.,

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Annex are - VIII



Date of Inspection: 03-09-2014

A: G	eneral Information			
1.	Name of the unit and address	M/s Rana Sugar Limited, Unit- Karimganj, Post-Shahabad, Distt-Rampur (U.P.)		
2.	Name of the Proprietor/ Contact person – Designation Contact No.	Shri Sudhir K Chief General Mob. No096	umar, Manager, 34090209	
3.	Year of Commissioning.	2008		
4.	Sector	Private		
5.	 Production details. Products Installed Prod. Cap Operating capacity 	Sugar 500 MTD		
6.	Cane crushing capacity	5000 TCD		
7.	Cane crushed last year	561761.621	MT	
8.	Molasses generation	28782 MT		
9.	Press Mud generation	21066 MT		
10.	Operational status	Non operation	nal due to off season	
B: W	ater Pollution and its Control:			
1.	Water Supply Source(s)	1. Tube well		
	Water Consumption (KLD)	Industrial	3000 KLD	
		Domestic	20 KLD	
2.	Water Meter to show consumption	Available		
3.	Flow measuring device installed at outlet of ETP	Not available		
4.	Waste Water generation (KLD) (before treatment) > Industrial > Domestic	2000 KLD 16 KLD		
5.	Waste Water treatment capacity (KLD) > Industrial > Domestic	Capacity-2000 KLD		

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6.	Details of ETP > ETP Description with flow	Bar Screen→	Oil	and (Grease	Trap→
	diagram	Equalization	Tank	→ Pri	marv	Settlina
	> Details of Reverse Osmosis	Tank→ Aeration	Tanl	k → Sec	, ondary	Settling
	plant, if any	Tank → Carbor	n san	d filter→	Sludge	Drying
	Evaporator, if any	Beds.			5	
7.	Waste water discharged (after					
	> Industrial Domestic	2000 KLD -				
8.	Mode of disposal of treated effluent (Details)	On land (Ferti I	[rrigati	on)		
9.	Sample distributed into no. of parts (2/3)	Not Required				
10.	Sludge disposal mode	On land as m	nanure	and oil	and gr	rease is
11.	Effluent collection locations &	Locations		Para	meters	••••••
	analysis results (if collected)		рН	BOD (mg/l)	COD (mg/l)	TSS (mg/l)
		Outlet			(
		Others				
(I)	Information regarding Ferti-irriga	ition	I		L	1
1.	Details of treatment effluent	line lagoons 45	00 K.L	•1		
	before Ferti-irrigation					
2.	Command area for irrigation	30 Acres own (nearby	y farmers	s also)	
	(available land area)					
3.	System for dilution of treated	Not Required				
	effluent required for ferti-irrigation					
4.	System of transportation of	Flexible pipe lir	ne			
	treated effluent upto field.		• •			
5.	Formal agreements with farmers	Consent by far	mers			
	for using treated effluent					
6.	Storage facility available for	As per (1)				
	treated effluent during low					
	demand period					
7.	Quality of effluent being used for ferti-irrigation	No measuring	device			
8.	Ground water monitoring network	(Not available)				
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C: A	ir Pollution and its Control	
1.	Sources of Air Pollution	Boiler of 120 TPH
2.	Type of Fuel used with consumption	Bagasse- 1100 MTD
3.	Stack-details	72 Meter, Inner dia 4.0 meter
4.	> APCS details	1. ESP
5.	Samples collections points (if collected)	PM (mg/Nm³):
Pho	tographs indicating the status of	the Industry



E. Route of effluent to reach river Ganga/Yamuna No nearby drain. River Ramganga about 10 KM

1	Name of officials inspecting		Name & Designations	Signature
			Shri M K Biswas, Sc `C' CPCB Delhi	A & Born
			Shri Vijay, AEE Moradabad, UPPCB	
			Shri P P Singh, JEE RO Moradabad, UPPCB	
			Shri Ananda Kumar Ngangom, JRF CPCB Delhi	
2	Date of Submission	report	9 th September, 2014	

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CENTRAL POLLUTION CONTROL BOARD NGRBA Cell Joint inspection Report: Distillery

Date of Inspection: 04-09-2014

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A: 0	Seneral Information			
1.	Name of the unit and address	M/S Radico Khetan Ltd., Bareilly Road, District-Rampur.		
2.	Name of the Proprietor/ Contact person – Designation Contact No.	Shri Devendr Senior Vice F Mob No- 098	ra Singh, President . 37471443	
3.	Year of Commissioning.	1943		
4.	Sector	Private		
5.	 Production details. Products Installed Prod. Cap. Consented Prod. Cap Restricted Prod. Cap. 	Rectified Spirit, ENA, Absolute Alcohol (Molasses based 220 KLD, Grain based 80 KLE Malt based 2.5 KLD)		
6.	Raw materials & their requirement	Molasses, Grain, Malt		
7.	Operational status	Operating		
B: W	ater Pollution and its Control:			
1.	Water Supply Source	Tube well		
	Water Consumption (KLD)	Industrial	6600 KLD	
		Domestic	380 KLD	
2.	Water Meter to show consumption	Available	Lank	
3.	Flow measuring device installed at outlet of ETP	Not available		
4.	Waste Water generation (KLD) (before treatment) ➤ Industrial ➤ Domestic	2900 KLD 300 KLD	······································	
5.	Waste Water treatment capacity (KLD) ➤ Industrial ➤ Domestic	240 KLD		

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6.	 Details of ETP ETP Description with flow diagram Details of Reverse Osmosis plant, if any Details of Multi Effect Evaporator, if any 	<u>Molasses</u> - ME Composting, 12000 KL) <u>Grain</u> - Cyclon <u>Malt-</u> Biometh	E→ Bic Lagoor e sepa anisati	methanis ns (5800 rator →M on	ation→ F 0 KL, 2 EE →Cati	RO→ Bio 0000KL, Cle feed,
7.	Waste water discharged (after treatment)(KLD) ➤ Industrial Domestic	240 KLD (bottle washing, boiler blowdown)				
8.	Mode of disposal of treated effluent (Details)	Surface water	(Muni	cipal Draiı	ר)	
9.	Sample distributed into no. of parts (2/3)	03				
10.	Sludge disposal mode	Mixed with Bio	compo	st		
11.	Effluent collection locations &	Locations		Para	meters	TCC
	analysis results (if collected)		рн	BOD (mg/l)	(mg/l)	155 (mg/l)
		Outlet				
		Others				
(I) I	nformation regarding Bio-compost	ing				I
1.	Active area for bio compost	52 Acre (two l	ocation	s)		
	preparation (m²)					
2.	Area for press mud storage (m ²)	3.0 Acre				
3.	Area for bio compost storage (m ²)	3.0 Acre				
4.	Spent wash storage capacity	3 Lagoons(58000 KL, 20000KL, 12000 KL)				
5.	Availability of pressmud	Sugar Mills				
6.	Quantity of compost prepared	26036 MT				
	(Monthly statement of last year)					
7.	Quantity of press mud procured	89350 MT				
	(Monthly statement)					
8.	Details of wind roses (Number,	, 31, length100)				
	length, height, width of stacking,	Height-1.5 m				
	space between two wind rose)	Width 2.5 m				
		Gap-1.5 m				

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9.	Quantity of Effluent being used for	550 KLD (provision made to burn 120 KLD in
	composting (m^3/day):	boiler)
10	Quantity of press mud being used	36,000 MT per cycle
10.	for one cycle	
4 4	Maturity time in days for one cycle	50-55 days
11.	Maturity time in days for one cycle	6.5 Acres covered land for Big composting
12.	Arrangement for rainy season	6.5 Acres covered land for Bio composing
13.	Quality of ground water in the area	Not measuring device
	and depth of ground water table	-
(II)	Information regarding Ferti-irriga	tion N/A
1.	Details of treatment of spent wash	
	(details of bio methanisation,	
2	Command area for irrigation	Not Required
2.	(available land area)	Not Required
3.	System for dilution of treated	Not Required
	effluent required for ferti-irrigation	
4.	System of transportation of treated	
	effluent upto field.	
5.	Formal agreements with farmers for	
6	Storage facility available for treated	
0.	effluent during low demand period	
7.	Quality of effluent being used for	
	ferti-irrigation	
8.	Ground water monitoring network	Not available
	ir Pollution and its Control	
1.	Sources of Air Pollution	2 Boilers of 26 TPH & 30 TPH
	Type of Fuel used with	Biogass-69600 M ³ /day with 26 TPH Boiler
2.	consumption	Bice Husk-120 MTD & Biogass $32000 \text{ M}^3/\text{day}$
		with 20 TDH Boilor
*.		
		45 M (Inner Dia 1 5 M) with 26 TPH Bailor
3.	Stack details	
		45 M (Inner Dia 1.5 M) with 30 TPH Boller
4.	> APCS details	1. ESP with 30 TPH Boiler
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1	Name of officials inspecting		Name & Designations	Signature
			Shri M K Biswas, Sc `C' CPCB Delhi	A Store
			Shri Vijay, AEE Moradabad, UPPCB	
			Shri U C Shukla, ASO, Moradabad, UPPCB	
			Shri A K Vishwakarma, SA, Moradabad, UPPCB	
			Shri P P Singh, JEE RO Moradabad, UPPCB	
			Shri Ananda Kumar Ngangom, JRF CPCB Delhi	
			Shri D C Mishra, Monitoring Asst. RO Moradabad, UPPCB	
2	Date of	report	9 th September 2014	
	Submission			

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CENTRAL POLLUTION CONTROL BOARD NGRBA Cell Joint inspection Report: Distillery

Date of Inspection: 04-09-2014

A: G	eneral Information			
1.	Name of the unit and address	M/S Radico Khetan Ltd., Bareilly Road, District-Rampur.		
2.	Name of the Proprietor/ Contact person - Designation Contact No.	Shri Devendra Singh, Senior Vice President Mob No- 09837471443		
3.	Year of Commissioning.	1943		
<u>4.</u> 5.	Sector Production details. • Products • Installed Prod. Cap. • Consented Prod. Cap • Restricted Prod. Cap.	Private Rectified Spirit, ENA, Absolute Alcohol (Molasses based 220 KLD, Grain based 80 KLD Malt based 2.5 KLD)		
6.	Raw materials & their requirement	Molasses, Grain, Malt		
7.	Operational status	Operating		
B: \	Water Pollution and its Control:			
1.	Water Supply Source	Tube well	•	
	Water Consumption (KLD)	Industrial	6600 KLD	
		Domestic	380 KLD	
2.	Water Meter to show consumption	Available		
3.	Flow measuring device installed at outlet of ETP	Not available		
4.	Waste Water generation (KLD) (before treatment) > Industrial > Domestic	2900 KLD 300 KLD		
5.	Waste Water treatment capacity (KLD) > Industrial > Domestic	240 KLD		

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		2				
6.	 Details of ETP ETP Description with flow diagram Details of Reverse Osmosis plant, if any Details of Multi Effect Evaporator, if any 	Molasses- MEE→ Biomethanisation→ RO→ Bio Composting, Lagoons (58000 KL, 20000KL, 12000 KL) <u>Grain</u> - Cyclone separator →MEE →Cattle feed, <u>Malt-</u> Biomethanisation				
7.	Waste water discharged (after treatment)(KLD) ≻ Industrial Domestic	240 KLD (bottle washing, boiler blowdown)				
8.	Mode of disposal of treated effluent (Details)	Surface water (Municipal Drain)				
9.	Sample distributed into no. of parts (2/3)	03				
10.	Sludge disposal mode	Mixed with Biocompost				
11.	Effluent collection locations &	Locations		Para	meters	TEC
	analysis results (if collected)	(NGD1)	рн	(mg/l)	(mg/l)	(mg/l)
		Outlet (CPCB)	7.96	10	24	BDL
		Outlet (5 G S)	7.6	3	11	7.0
(I) I	nformation regarding Bio-compost	ing		- 1		
1.	Active area for bio compost preparation (m ²)	52 Acre (two h	ocation	5)		
2.	Area for press mud storage (m²)	3.0 Acre	<u> </u>			
3.	Area for bio compost storage (m²)	3.0 Acre				
4.	Spent wash storage capacity	3 Lagoons(580	000 KL,	20000KI	L, 12000	KL)
5.	Availability of pressmud	Sugar Mills				
6.	Quantity of compost prepared	26036 MT				
	(Monthly statement of last year)					
7.	Quantity of press mud procured	89350 MT				
	(Monthly statement)					
8.	Details of wind roses (Number,	31, length1	100)			
	length, height, width of stacking,	Height-1.5 m				
	space between two wind rose)	Width 2.5 m				
		Gap-1.5 m				

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9.	Quantity of Effluent being used for	550 KLD (provision made to burn 120 KLD in
	composting (m³/day) :	boiler)
10.	Quantity of press mud being used	36,000 MT per cycle
	for one cycle	
11.	Maturity time in days for one cycle	50-55 days
12.	Arrangement for rainy season	6.5 Acres covered land for Bio composting
13.	Quality of ground water in the area	Not measuring device
	and depth of ground water table	
(II)	Information regarding Ferti-irriga	tion N/A
1.	Details of treatment of spent wash	
	(details of bio methanisation,	
	primary and secondary treatment)	
2.	Command area for irrigation	Not Required
	(available land area)	
3.	System for dilution of treated	Not Required
	effluent required for ferti-irrigation	
4.	System of transportation of treated	
	effluent upto field.	
5.	Formal agreements with farmers for	
	using treated effluent	
6.	Storage facility available for treated	•
	effluent during low demand period	
7.	Quality of effluent being used for	
	ferti-irrigation	
8.	Ground water monitoring network	Not available
C: A	ir Pollution and its Control	
1.	Sources of Air Pollution	2 Boilers of 26 TPH & 30 TPH
2	> Type of Fuel used with	Biogass-69600 M ³ /day with 26 TPH Boiler
2.	consumption	Rice Husk-120 MTD & Biogass 32000 M ³ /day
		with 30 TPH Boiler
3	Stack details	45 M (Inner Dia 1.5 M) with 26 TPH Boiler
] .		45 M (Inner Dia 1 5 M) with 30 TPH Boiler
4	> APCS details	1. ESP with 30 TPH Boiler
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Pic 3: Covered Compost Yard

Pic 4: MEE adjacent to distillation column

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E. Route of effluent to reach river Ganga/Yamuna

Outlet of UnitightarrowMunicipal DrainightarrowKosi RiveightarrowRamganga

1	Name of officials inspecting	Name & Designations	Signature
		Shri M K Biswas, Sc `C' CPCB Delhi	AXBANA
		Shri Vijay, AEE Moradabad, UPPCB	
		Shri U C Shukla, ASO, Moradabad, UPPCB	
		Shri A K Vishwakarma, SA, Moradabad, UPPCB	
		Shri P P Singh, JEE RO Moradabad, UPPÇB	
		Shri Ananda Kumar Ngangom, JRF CPCB Delhi	
		Shri D C Mishra, Monitoring Asst. RO Moradabad, UPPCB	
ļ			
2	Date of report Submission	9 th September, 2014	

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CDCD CENTRAL POLLUTION CONTROL BOARD NGRBA Cell Joint inspection Report: Sugar

Date of Inspection: 04-09-2014

A: 0	ieneral Information			
1.	Name of the unit and address	M/S Rudra B	ilas Kisan Sahkari Chini Mills Ltd.,	
		Bilaspur, Rampur		
2.	Name of the Proprietor/ Contact	Shri A. K. Sa	hni.	
	person - Designation	Chief Chemis	st	
	Contact No.	MOB. No- 09	412849864	
3.	Year of Commissioning.	1978		
4.	Sector	Cooperative		
5.	 Production details. Products Installed Prod. Cap Operating capacity 	Sugar 220 MTD		
6.	Cane crushing capacity	2200 TCD		
7.	Cane crushed last year	172315.499 MT		
8.	Molasses generation	7852.9 MT		
9.	Press Mud generation	5169.45 MT		
10.	Operational status	Non Operational due to off soason		
B: W	ater Pollution and its Control:			
1.	Water Supply Source(s)	Tube well		
	Water Consumption (KLD)	Industrial	1320 KLD	
,		Domestic	302.94 KLD	
2.	Water Meter to show consumption	Not Available		
3.	Flow measuring device installed at outlet of ETP	Not Available		
4.	Waste Water generation (KLD) (before treatment) > Industrial > Domestic	400 KLD		
5.	Waste Water treatment capacity (KLD) ≻ Industrial ≻ Domestic	400 KLD	·. ·	

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		3
1.	Sources of Air Pollution	Two Boilers of 20 TPH each
2.	Type of Fuel used with consumption	Bagasse- 575 MTD
3.	> Stack details	30 Meter combined stack, Inner dia of Stack- 2.3 M
4.	> APCS details	1. Dust collector (Show cause notice issued by
		UPPCB to upgrade AMCS)
5.	Samples collections points (if collected)	PM (mg/Nm ³):
Phot	ographs indicating locations:	
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Kulli River→ West Begul River → Ramganga

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1	Name of officials inspecting	Name & Designations	Signature
		Shri M K Biswas, Sc `C' CPCB Delhi	the son
		Shri Vijay, AEE Moradabad, UPPCB Shri P P Singh, JEE RO Moradabad, UPPCB	
		Shri Ananda Kumar Ngangom, JRF CPCB Delhi	
2	Date of repo Submission	rt 9 th September, 2014	1

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		2				
6.	 Details of ETP ➤ ETP Description with flow diagram > Details of Reverse Osmosis plant, if any 	Bar Screen→ Oil & Grease Trap→ Equalization Tank → Aeration Tank →Secondary Clarifier → Sludge Drying Beds				
	 Details of Multi Effect Evaporator, if any 					
7.	Waste water discharged (after treatment)(KLD) ≻ Industrial Domestic	400 KLD				
8.	Mode of disposal of treated effluent (Details)	On Land (Ferti Irrigation)				
9.	Sample distributed into no. of parts (2/3)	N/A				
10.	Sludge disposal mode	On land as manure				
11.	Effluent collection locations &	Locations		Para	meters	
	analysis results (if collected)		рH	BOD (mg/l)	COD (mg/l)	TSS (mg/l)
		Outlet		((
		Others				
(I)	Information regarding Ferti-irrigat	ion	-	1	L	L
1.	Details of treatment effluent before Ferti-irrigation	Storage Lined	Lagoon	4000 KL		
2.	Command area for irrigation	50 Acre own (Nearby	Farmers	Also)	
	(available land area)					
3.	System for dilution of treated effluent required for ferti-irrigation	Not Required				
4.	System of transportation of treated effluent upto field.	through Flexib	through Flexible pipe line			
5.	Formal agreements with farmers for using treated effluent	Consent by far	mers	<u></u>		
6.	Storage facility available for treated	As ner (1)				
	effluent during low demand period	10 her (1)				
7.	Quality of effluent being used for ferti-irrigation	No measuring	device			
8.	Ground water monitoring network	Not available				
C: Ai	r Pollution and its Control					

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CENTRAL POLLUTION CONTROL BOARD NGRBA Cell Joint inspection Report: Distillery

Date of Inspection: 04-09-2014

A: 6	ieneral Information	·		
1.	Name of the unit and address	M/S National Industrial Corporation Ltd., Raja Ka Sahaspur, Billari, District- Moradabad.		
2.	Name of the Proprietor/ Contact	Shri V.N. Ojha	а,	
	person – Designation	General Mana	iger,	
	Contact No.	Ph. NO-09012	2270066	
3.	Year of Commissioning.	1943		
4.	Sector	Private		
5.	Production details. • Products • Installed Prod. Cap. • Consented Prod. Cap • Restricted Prod. Cap.	ENA/RS/Absolute Alcohol 60 KLD 40 KLD 40 KLD		
6.	Raw materials & their requirement	Molasses-200 MTD		
7.	Operational status	Operating		
B: \	Nater Pollution and its Control:			
1.	Water Supply Source	Tube well		
	Water Consumption (KLD)	Industrial	1050 KLD	
		Domestic	12 KLD	
2.	Water Meter to show consumption	Available		
3.	Flow measuring device installed at outlet of ETP	Not available		
4.	Waste Water generation (KLD) (before treatment) > Industrial > Domestic	10 KL/kl oppr at 40 KLD 400 KLD 10 KLD		
5.	Waste Water treatment capacity (KLD) > Industrial > Domestic	750 KLD		

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6.	 Details of ETP ETP Description with flow diagram 	Bio digester → Effluent used i	• Settlir n Bio co	ng pit→R ompositio	O→Conce on	entrated	
	Details of Reverse Osmosis plant, if any	Capacity of R () Plant-	750 KLD)		
	 Details of Multi Effect Evaporator, if anÿ 	Not installed					
7.	Waste water discharged (after treatment)(KLD) > Industrial	RO permeate cooling tower	after and Agr	degasif iculture	ication (used in	
	Domestic	About 10 KLD					
8.	Mode of disposal of treated effluent (Details)	On land (other	than s	pent was	h)		
9.	Sample distributed into no. of parts (2/3)	3					
10.	Sludge disposal mode						
11.	Effluent collection locations &	Locations		Para	meters]
	analysis results (if collected)	(NGRD2)	pН	BOD (mg/l)	COD (mg/l)	TSS (mg/l)	
	<u>44</u>	RO permeate	8.21	22	43	BOL	fr
	5472	Others- II	7.9	14	47	90	ץ
(I)]	Information regarding Bio-compost	ing					
1.	Active area for bio compost	7.5 Acre					
	preparation (m ²)						
2.	Area for press mud storage (m ²)	2.0 Acre					
3.	Area for bio compost storage (m ²)	2.5 Acre					
4.	Spent wash storage capacity	22500 KL					_
5.	Availability of pressmud	Sugar Mills					
6.	Quantity of compost prepared						
	(Monthly statement of last year)	5400 MT					
7.	Quantity of pressmen procured						
	(Monthly statement)	17500 MT					
8.	Details of wind roses (Number,	30, L-90 M, H	-1.8 M,	W-3 M.			
	length, height, width of stacking,	Distance betw	een two	o window	is 2 M.		
	space between two wind rose)						_
9.	Quantity of Effluent being used for	190-200 M ³ /d	ау		, <u>, , , , , , , , , , , , , , , , , , ,</u>		
	composting (m³/day) :						
10.	Quantity of press mud being used	3500-4200 M	Γ		····		
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	for one cycle	··
11.	Maturity time in days for one cycle	55-60 days
12	Arrangement for rainy season	No such arrangement for covered composting
12,	Analysine for fairy season	observed however Lining catch hits and hatch
		biserved however, Emilig, catch pits and pater
	~	drains were present.
13.	Quality of ground water in the area	No measuring device
	and depth of ground water table	
(II)	Information regarding Ferti-irriga	tion
1.	Details of treatment of spent wash	
	(details of bio methanisation,	
	primary and secondary treatment)	
2.	Command area for irrigation	Not Required -
	(available land area)	
3.	System for dilution of treated	Not Required
	effluent required for ferti-irrigation	
4.	System of transportation of treated	
	effluent upto field.	
5.	Formal agreements with farmers for	
	using treated enluent	
6.	Storage facility available for treated	
	effluent during low demand period	
7.	Quality of effluent being used for	
	ferti-irrigation	
8.	Ground water monitoring network	(Available / Not available)
C: A	ir Pollution and its Control	
1.	Sources of Air Pollution	Pet coke – 4 0 MTD
Ζ.	consumption	Bio gas – 13000 m ³ /day
3.	Stack details	33 Meters (Inner Dia 1.8 Meter)
4.	> APCS details	1. Multi cyclone Dust Collector
		2.
		3
		5.
		4.
5.	Samples collections points	PM (mg/Nm ⁻):
	(in contected)	Result Awaited

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Pic 6: Multi cyclone

Pic: 5 Chimney

E. Route of effluent to reach river Ganga/Yamuna

Sahaspura Drains-→Aril Rive→ Ramganga River

1	Name of officials	Name & Designations	Signature
	Inspecting	Shri M K Biswas, Sc `C' CPCB Delhi	the the
		Shri Vijay, AEE Moradabad, UPPCB	
		Shri U C Shukla, ASO, Moradabad, UPPCB	
		Shri A K Vishwakarma, SA, Moradabad, UPPCB	
		Shri P P Singh, JEE RO Moradabad, UPPCB	
		Shri Ananda Kumar Ngangom, JRF CPCB Delhi	
		Shri D C Mishra, Monitoring Asst. RO Moradabad, UPPCB	
2	Date of repor Submission	9 th September, 2014	

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CDCD CENTRAL POLLUTION CONTROL BOARD NGRBA Cell Joint inspection Report: Sugar

Date of Inspection: 04-09-2014

A: G	General Information			
1.	Name of the unit and address	M/s Ajudhya	Sugar Mills,	
		Distt-Moradabad (ILP)		
2.	Name of the Proprietor/ Contact	Shri Sachend	ra Singh,	
	person – Designation	D.G.M. Produ	iction	
	Contact No.	Mob. No083	392912302	
3.	Year of Commissioning.	1940 New gr	oup operating since 2006	
4.	Sector	Private		
5.	Production details.	Sugar		
	Installed Prod. Cap	300 MTD		
	Operating capacity			
6.	Cane crushing capacity	3000 TCD		
7.	Cane crushed last year	224269.531 MT		
8.	Molasses generation(2013-14)	10272.8 MT		
9.	Press Mud generation (2013-14)	8881.06 MT		
10.	Operational status	Non operational due to off season		
B: W	ater Pollution and its Control:			
1.	Water Supply Source(s)	1. Tube well		
	Water Concumption (KLD)	Industrial	1900 KLD	
		Domestic	62 KLD	
2.	Water Meter to show consumption	Not available	· · · · · · · · · · · · · · · · · · ·	
3.	Flow measuring device installed at outlet of ETP	Not available		
4.	Waste Water generation (KLD)			
	(before treatment)			
		10/0 KLD		
5.	Waste Water treatment capacity	Capacity-650	KLD	
	(KLD)			
	> Industrial			
1	> Domestic			

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6.	Details of ETP > ETP Description with flow	Bar Scre	en→ Oil	а	nd	Grease
	diagram	Trap→ Equaliza	tion T	ank → F	Primary	Settling
	> Details of Reverse Osmosis	Tank→ Aeration	n Tank	 ✓ Sec 	ondary	Settling
	plant, if any	Tank → Carbo	n sano	d filter→	Sludge	Drying
	Details of Multi Effect Evaporator, if any	Beds.			-	
7	Waste water discharged (after				<u> </u>	
/.	treatment)(KLD)				•	
	> Industrial Domestic	1070 KLD 50 KLD				
8.	Mode of disposal of treated	On land (Ferti	Irrigati	on)		
9.	Sample distributed into no. of parts (2/3)	N/A				
10.	Sludge disposal mode	On land as ma	nure			
11.	Effluent collection locations &	Locations		Para	meters	
	analysis results (if collected)		рН	BOD (mg/l)	COD (mg/l)	TSS (mg/l)
		Outlet	1			
		Others				
	a a a a a a a a a a a a a a a a a a a		<u> </u>			
<u>(I)</u>	Details of treatment effluent	Under Constru	ction			
±.	before Ferti-irrigation					
2	Command area for irrigation	22 Acres own	(Nearby	y farmer	s also)	
۷.	(available land area)			•		
3	System for dilution of treated	Not Required		<u> </u>		<u></u>
5.	effluent required for ferti-irrigation					
4.	System of transportation of	Flexible pipe li	ne			
	treated effluent upto field.					
5.	Formal agreements with farmers	Consent by far	mers		not 11 = 0.5mp ⁺ ·	
	for using treated effluent					
6.	Storage facility available for	As (1)				
	treated effluent during low					
	demand period					
7.	Quality of effluent being used for	Not available	. <u></u>			
	ferti-irrigation	Not available				
8.	Ground water monitoring network	Not available				

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C: /	Air Pollution and its Control	
1.	Sources of Air Pollution	Boiler of 26 TPH and 32 TPH
2.	Type of Fuel used with consumption	 Bagasse- 312 MTD with 26 TPH Boiler Bagasse- 360 MTD with 32 TPH Boiler
3.	 Stack details 	with 26 TPH Boiler → Height 60 M, I.D. 2.5 m with 32 TPH Boiler→ Height 40 M, I.D.3.0 m
4.	> APCS ⁻ details	1. Cyclone Type Dust Collector Separately with both boilers. (Unit under Maintenance)
5.	Samples collections points	PM (mg/Nm ³):

(if collected) Photographs depicting status of the industry



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E. Route of effluent to reach river Ganga/Yamuna

Sahaspura Nala → Aril River → Ramganga → Ganga

1 Name of officials inspecting		Name & Designations	Signature
		Shri M K Biswas, Sc `C' CPCB Delhi	the getter down
		Shri Vijay, AEE Moradabad, UPPCB	
		Shri P P Singh, JEE RO Moradabad, UPPCB	
		Shri Ananda Kumar Ngangom, JRF CPCB Delhi	
			-
2	Date of report Submission	9 th September, 2014	

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Joint Inspection Report Sugar & Distillery Industries Muzaffarnagar (U.P)

Hon'ble Tribunal directed CPCB & UPPCB to carry out the Joint Inspection of the Sugar & Distillery industrial units operating and discharging the effluents in Rivers Ganga and Yumuna. In this view, a team of CPCB & UPPCB comprises of following officials visited the Sugar & Distillery industrial units in Muzaffarnagar area:

Officials from CPCB, Delhi	Official/s from UPPCB
Sh. Suneel Dave, Sc. 'D' & I/c NGRBA Cell	Sh. Vivek Rai R.o.
Sh. Azad Singh, RA-1	Sh. Yogender, Sentigrold

The following industries were inspected by the above team during 1st September, 2014 to 2nd September, 2014:

Sr. No.	Name & Address of Industrial Unit, visited Joint Inspection Report	
1.	M/s D.S.M Sugar, Mansurpur, Meerut Road Muzaffarnagar (U.P).	Annexure-I
2.	M/s Sir Shadi Lal Distillery & Chemical Works, Mansurpur, Muzaffarnagar (U.P).	Annexure-11
3.	M/s Triveni Enggineering & Industries Ltd (Sugar unit), Khatauli, Muzaffarnagar (U.P).	Annexure-111
4.	M/s Tikaula Sugar Mills Lts; Tikaula, Ramray, Muzaffarnagar (U.P).	Annexure-IV
5.	M/s Tikaula Distillery, Tikaula, Muzaffarngar (U.P).	Annexure-V
6.	M/s Triveni Engg. & Industries Ltd., Bilaspur, Jolly Road, Muzaffarnagar (U.P).	Annexure-VI
7.	M/s Bajaj Hindustan Ltd., Bhaisana, Mużaffarrnagar (U.P).	Annexure-VII
8.	M/s Upper Doab Sugar Mill, Shamli, Muzaffarnagar (U.P)	Annexure-VIII
9.	M/s Shamli Distilleries & Chemical Works, Shamli, Muzaffarnagar (U.P).	Annexure-IX
10.	M/s Unn Sugar Complex, Unn, Shamli, Muzaffarnagar (U.P).	Annexure-X
11.	M/s Bajaj Hindustan Ltd.,Thanabhawan, Shamli, Muzaffarnagar (U.P).	Annexure-XI

Observations:

1. All the Industrial plants were found not in operation during inspection and hence no production.

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2. This implies that the Effluent Treatment Plants were also not in operation.

5109/2014 (Super Dave) Sc. 'D' & I/c NGRBA Cell CPCB, Delhi

100109(2014 (Vivek Rai) **Regional Officer**

Regional Officer UPPCB, Muzaffarnagar



CENTRAL POLLUTION CONTROL BOARD NGRBA Cell Joint inspection Report: Sugar

Date of Inspection: 02-09-2014

A: G	eneral Information	
1.	Name of the unit and address	M/s Bajaj Hindustan Ltd., Thanabhawan Shamli, Muzaffarnagar (U.P).
2.	Name of the Proprietor/ Contact person – Designation Contact No.	Sh. Sanjay Tripathi (V.P)
3.	Year of Commissioning.	2005
4.	Sector	Private
5.	Production details.ProductsInstalled Prod. CapOperating capacity	Sugar 10000 TCD -
6.	Cane crushing capacity	10000 TCD
7.	Cane crushed last year	850897.192 Tonns
8.	Molasses generation	45276.800 Tonns
9.	Press Mud generation	37269.297 Tonns
10.	Operational status	Closed by direction.
B: W	ater Pollution and its Control:	I
1.	Water Supply Source(s)	1. Tube Well
		Industrial 3280
	Water Consumption (KLD)	Domestic 70
2.	Water Meter to show consumption	Available
3.	Flow measuring device installed at outlet of ETP	V notch (Flow measurement through calibration and manual means).
4.	Waste Water generation (KLD) (before treatment) > Industrial > Domestic	1000 (approx.) 50
5.	Waste Water treatment capacity (KLD) > Industrial > Domestic	1000 50

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6.	Details of ETP → ETP Description with flow diagram → Equalisation Tank → Primary Clarifier → Aeration Tank → Seco Clarifier → ACF/Sand filter & Sludge of beds		al mixing Primary Secon Sludge d	Tank dary rying		
	 Details of Reverse Osmosis plant, if any 	-		•		
	Details of Multi Effect Evaporator, if any	-				
7.	Waste water discharged (after treatment)(KLD) ▶ Industrial Domestic	1000 (approx) 50				
8.	Mode of disposal of treated effluent (Details)	On land (With no assessmen of unit.	hin fac t of sai	tory pre me due t	mises).H o non-op	loweve beratior
9.	Sample distributed into no. of parts (2/3)	Sample not operation.	collecte	ed as ur	nit was	not ir
10.	Sludge disposal mode	On Horticulture land as manure.				
11.	Effluent collection locations & analysis	Locations		Parar	neters	TCC
			рп	(mg/l)	(mg/l)	(mg/l)
	(No Sample)	Outlet	-	-	- '	-
(I) I	nformation regarding Ferti-irrigation	others		-	-	-
1.	Details of treatment effluent before Ferti-	Activated s	ludge	Treatme	nt follow	ved by
	irrigation	sludge separa	tion.			
2.	Command area for irrigation (available	da				
	land area)	Factory premi	ses			
3.	System for dilution of treated effluent	Profession (non englishing) - 4				
	required for ferti-irrigation	No details pro	vided.			
4.	System of transportation of treated					
	effluent upto field.	Nill				
5.	Formal agreements with farmers for	A				
	using treated effluent	No record pro	vided.			
6.	Storage facility available for treated					
	effluent during low demand period	No storage provided.				
7.	Quality of effluent being used for ferti- irrigation	After second	lary Tre	eatment		
8.	Ground water monitoring network	Available				

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C: Ai	C: Air Pollution and its Control				
1.	Sources of Air Pollution	Boilers			
2.	Type of Fuel used with consumption				
		Bagasses			
3.	Stack details	Stack Height > 30 mtrs.			
4.	APCS details	1. Wet Scrubber			
		2.			
	~	3.			
		4.			
5.	Samples collections points (if collected)	PM (mg/Nm ³):			
	(No Sample)				

Photographs indicating locations: Photographs could not be taken due to out o battery-power of smart phone.

3.2" x3.2"	
Pic 1: Entry	Pic 2: ETP (at least 1)
	•
	Pic 4: Discharge points
Pic: 3 Chimney (All visible)	

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E. Route of effluent to reach river Ganga/Yamuna (Please indicate starting from the outlet drain of the unit) Via Surface run-off from catchment Effluent (Raw/Treated) from outlet drain of unit Discharge to River Yamuna via seasonal drain.

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1	Name of officials inspecting	Name & Designations	Signature
		Sh. Suneel Dave, Sc `D', CPCB	Mar 3109/ ma
		Sh. Vivek Roy, R.O UPPCB, Muzaffarnagar.	Vindely
		Sh. Yogender, UPPCB, Muzaffarnagar.	01911Y
		Sh. Azad Singh, RA-1, CPCB	0 3 - 2
2	Date of report Submission		ostontona





CENTRAL POLLUTION CONTROL BOARD

NGRBA Cell

Joint inspection Report: Sugar

Date of Inspection: 02-09-2014

A: G	eneral Information	a	
1.	Name of the unit and address	M/s Unn Sugar Complex, Unn, Shamli Muzaffarnagar (U.P).	
2.	Name of the Proprietor/ Contact person – Designation Contact No.	Sh. Anil Gupta (G.M; Engg.) 09759215635	
3.	Year of Commissioning.	1996	
4.	Sector	Private	
5.	Production details.ProductsInstalled Prod. CapOperating capacity	Sugar 4200 TCD 4000-4200 TCD	
6.	Cane crushing capacity	4200 TCD	
7.	Cane crushed last year	517634.970 Tonns	
8.	Molasses generation	27339.500 Tonns	
9.	Press Mud generation	25208.823 Tonns	
10.	Operational status	Non Operational (Seasonal industry)	
B: W	ater Pollution and its Control:		
1.	Water Supply Source(s)	1. Tube Well	
		Industrial 2000	
	Water Consumption (KLD)	Domestic 231	
2.	Water Meter to show consumption	Available	
3.	Flow measuring device installed at outlet of ETP	Available-V notch. Flow measurement calibration and manual means.	
4.	Waste Water generation (KLD) (before treatment) > Industrial > Domestic	- 1000 (approx.) 170	
5.	Waste Water treatment capacity (KLD) ➤ Industrial ➤ Domestic	1200 170	

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6.	Details of ETP > ETP Description with flow diagram	Screens Oil & Grease trap Lime Tank Primary Clarifier Aeration Tank Secondary Clarifier Lagoon & Sludge drying beds.		
	Details of Reverse Osmosis plant, if any	-		
	 Details of Multi Effect Evaporator, if any 	-		
7.	Waste water discharged (after treatment)(KLD) ≻ Industrial Domestic	1000 (approx) Nill		
8.	Mode of disposal of treated effluent (Details)	On land. How due to non-or	vever no assessment of same	
9.	Sample distributed into no. of parts (2/3)	Sample not collected as unit was not operation.		
10.	Sludge disposal mode	On Agriculture	e land as manure.	
11.	Effluent collection locations & analysis results (if collected)	Locations	Parameters PH BOD COD TSS (TSC(1)) (TSC(1))	
	(No Sampe)	Outlet Others		
(I) I	nformation regarding Ferti-irrigation			
1.	Details of treatment effluent before Ferti-	Aerobic Tre	atment followed by secondary	
	irrigation	clarifier & lago	ooning.	
2.	Command area for irrigation (available			
	land area)	23 Hectare ap	prox (Own farm)	
3.	System for dilution of treated effluent			
	required for ferti-irrigation	Nill		
4.	System of transportation of treated			
	effluent upto field.	Direct (via cha	nnel) as well as through Tankers	
5.	Formal agreements with farmers for		n a ga a bhaile a chann ann an an an an an an an ann an ann an a	
	using treated effluent	No record pro	vided/	
б.	Storage facility available for treated			
	effluent during low demand period	Lagoon		
7.	Quality of effluent being used for ferti- irrigation	After Second	dary treatment	
8.	Ground water monitoring network	Available		

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C: Air Pollution and its Control

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Pic 4: Discharge points

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1.	Sources of Air Pollution	Boilers
2.	Type of Fuel used with consumption	
L		Bagasses 900 IPD (approx.)
3.	Stack details	Stack Height > 30 mtrs.
4.	APCS details	1.
		2.
		3.
	-	4.
5.	Samples collections points (if collected)	PM (mg/Nm ³):
	(No sample)	
Phot	ographs indicating locations: Photograp	ohs could not be saved due to low battery.
3.2″	x3.2″	
Pic 1	: Entry	
		Pic 2: ETP (at least 1)

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Pic: 3 Chimney (All visible)

E. Route of effluent to reach river Ganga/Yamuna (Please indicate starting from the outlet drain of the unit)

4

 Via Surface run-off from catchment

 Effluent (Raw/Treated) from outlet drain of unit

-----> Discharge to

River Yamuna via seasonal drain.

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1	Name of officials inspecting	Name & Designations	Signature
		Sh. Suneel Dave, Sc `D', CPCB	Ane oslo 9/2014
		Sh. Vivek Roy, R.O UPPCB, Muzaffarnagar.	Vinek-ly
		Sh. Yogender, UPPCB, Muzaffarnagar.	8121 08/9/4
		Sh. Azad Singh, RA-1, CPCB	C/200/2 - 02/03/14
2	Date of report Submission		08/09/2014



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CENTRAL POLLUTION CONTROL BOARD NGRBA Cell Joint inspection Report: Sugar

Date of Inspection: 02-09-2014

A: Ge	eneral Information	1		
1.	Name of the unit and address	M/s Upper Doab Sugar Mill, Shamli, Distt Muzaffarnagar (U.P).		
2	Name of the Proprietor/ Contact person -			
Ζ.	Decignation	Sh A M Gar		
	Contact No.	00/1221208	2 (A.G.M)	
2	Vor of Commissioning	1033	۷	
J.	Castar	Drivata		
4.	Sector Deaduatian dataila	Privale		
5.	Production details.	C		
	Products	Sugar		
	Installed Prod. Cap	600 Tonns/d	ау	
	Operating capacity	-		
6.	Cane crushing capacity	6250 Tonn/day		
7.	Cane crushed last year	879203.500 Tonns		
8.	Molasses generation	43676.100 T	onns (During last year)	
9.	Press Mud generation	37102.400 Tonns (During last year)		
10.	Operational status	Closed by Owner (due to off-season)		
B: Wa	ater Pollution and its Control:	I		
1.	Water Supply Source(s)	1. Tube W	/ell	
		Industrial	2900 (approx.)	
		Domestic	500	
	Water Consumption (KLD)			
2.	Water Meter to show consumption	Available		
3.	Flow measuring device installed at outlet of ETP	Not available		
4.	Waste Water generation (KLD) (before			
	treatment)			
	> Industrial	1500 (approx.)		
	> Domestic	350	-	
5.	Waste Water treatment capacity (KLD)	· · · · · · · · · · · · · · · · · · ·		
	> Industrial	1600 (approx.)		
	> Domestic	-		

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6.	Details of ETP ETP Description with flow diagram	Roori filter	→ Oil &	Grease ti	rap →	Lime
	 Details of Reverse Osmosis plant, if any 	Sludge drying beds.		ier		
	Details of Multi Effect Evaporator, if any	-				
7.	Waste water discharged (after					
	> Industrial Domestic	1500 (approx).				
8.	Mode of disposal of treated effluent (Details)	On land. Ho due to non-o	wever peratior	no asse n of unit.	ssment	of same
9.	Sample distributed into no. of parts (2/3)	Sample not operation.	collecte	ed as u	nit was	s not in
10.	Sludge disposal mode	On Agricultur	e/Hortic	culture la	nd as n	nanure.
11.	Effluent collection locations & analysis	Locations		Para	meters	
			рН	BOD (mg/l)	COD (ma/l)	TSS (mg/l)
• .	(No Sample)	Outlet	-	-	-	-
(*)		Others	-	-	-	-
(<u>1</u>)	Details of treatment offluent before Forti	Arnahia				
	irrigation	separation.	gooning	TOIIOW	ed by	sludge
2.	Command area for irrigation (available	· · · · · · · · · · · · · · · · · · ·	• • • • • • • • • • • • • • • • • • •			
	land area)	20 acre app				
3.	System for dilution of treated effluent					
	required for ferti-irrigation	Not provided				
4.	System of transportation of treated	····				
	effluent upto field.	Not provided				
5.	Formal agreements with farmers for					
	using treated effluent	N/A				
6.	Storage facility available for treated			·······		
	effluent during low demand period	Storage Tank	provided	1		
7.	Quality of effluent being used for ferti- irrigationAfter Secondary treatment					
8.	Ground water monitoring network	Available				
C: Aiı	r Pollution and its Control		<u> </u>			
1.	Sources of Air Pollution	Boilers 4 Nos	·····			
۷.	Iype of Fuel used with consumption		_			

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		Bagasses approx. 1500 TPD
3.	Stack details	Stack Height> 30 mtrs.
4.	APCS details	1. Wet Scrubber
		2.
		3.
		4.
5.	Samples collections points (if collected)	PM (mg/Nm ³):
	(No Sample)	



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Pic: 3 Chimney (All visible)

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E. Route of effluent to reach river Ganga/Yamuna (Please indicate starting from the outlet drain of the unit)

line ------ Municipal main sewer/Nalla ------ Discharge to River Yamuna via

seasonal drain.

1	Name of offic inspecting	ials	Name & Designations	Signature
			Sh. Suneel Dave, Sc 'D', CPCB	1091 m
			Sh. Vivek Roy, R.O UPPCB, Muzaffarnagar.	V. ut /14 08/09/14
	n Jan		Sh. Yogender, UPPCB, Muzaffarnagar.	06/9/114
			Sh. Azad Singh, RA-1, CPCB	C Sec 2 08/09/14
				, , , ,
2	Date of Submission	report		08/09/2014

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Joint inspection Report: Sugar

Date of Inspection: 02-09-2014

A: G	eneral Information			
1.	Name of the unit and address	M/s Bajaj Hindustan Ltd., Bhaisan Muzaffarrnagar (U.P).		
2.	Name of the Proprietor/ Contact person – Designation Contact No.	Sh. R.S.Choudhary (Vice President & unit head)		
3.	Year of Commissioning.	2005		
4.	Sector	Private		
5.	Production details. • Products • Installed Prod. Cap • Operating capacity	Sugar 10000 TCD -		
6.	Cane crushing capacity	10000 TCD		
7.	Cane crushed last year	1084824.320 Tonns		
8.	Molasses generation	58044.200 Tonns		
9.	Press Mud generation	47406.822 Tonns		
10.	Operational status	Closed by direction.		
B: W	ater Pollution and its Control:			
1.	Water Supply Source(s)	1. Tube Well		
		Industrial 3460		
	Water Consumption (KLD)	Domestic 70		
2.	Water Meter to show consumption	Available		
3.	Flow measuring device installed at outlet of ETP	V notch (Flow measurement through calibration and manual means).		
4.	Waste Water generation (KLD) (before treatment) > Industrial > Domestic	1000 50		
5.	Waste Water treatment capacity (KLD) ➤ Industrial ➤ Domestic	1000 (approx.) 50 (Septic Tank)		

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Details of ETP 6. Oil & Grease trap ---- Chemical mixing Tank > ETP Description with flow diagram → Equalisation Tank → Primary Clarifier — Aeration Tank — Secondary Clarifier ACF/Sand filter & Sludge drying beds. Details of Reverse Osmosis plant, if any > Details of Multi Effect Evaporator, if any 7. Waste water discharged (after treatment)(KLD) > Industrial 1000 (approx) Domestic 50 8. Mode of disposal of treated effluent On land (Within factory premises). However (Details) no assessment of same due to non-operation of unit. 9. Sample distributed into no. of parts (2/3) Sample not collected as unit was not in operation. 10. Sludge disposal mode On Horticulture land as manure. 11. Effluent collection locations & analysis Locations Parameters results (if collected) pН BOD COD TSS (mg/l) (mg/l) (mg/l) Outlet ---(No Sample) Others --(I) Information regarding Ferti-irrigation 1. Details of treatment effluent before Ferti-Activated sludge Treatment followed by irrigation sludge separation. 2. Command area for irrigation (available Factory premises land area) 3. System for dilution of treated effluent required for ferti-irrigation No details provided. 4. System of transportation of treated effluent upto field. Nill 5. Formal agreements with farmers for using treated effluent No record provided. 6. Storage facility available for treated No storage provided. effluent during low demand period 7. Quality of effluent being used for ferti-After secondary Treatment irrigation Ground water monitoring network 8. Available

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C: A	ir Pollution and its Control	
1.	Sources of Air Pollution	Boilers
2.	Type of Fuel used with consumption	Bagasses
3.	Stack details	Stack Height >30 meters.
4.	APCS details	1. Wet Scrubber
		2.
		3.
		4.
5.	Samples collections points (if collected)	PM (mg/Nm³):
1	(No Sample)	

Photographs indicating locations:



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E. Route of effluent to reach river Ganga/Yamuna (Please indicate starting from the outlet drain of the unit)

Via Surface run-off from catchment Effluent (Raw/Treated) from outlet drain of unit

Discharge to

River Yamuna via seasonal drain.

1	Name of officials inspecting	Name & Designations	Signature
		Sh. Suneel Dave, Sc `D', CPCB	(Ann 33[09/2017
i		Sh. Vivek Roy, R.O UPPCB, Muzaffarnagar.	Vh. Reg 08/02/14.
		Sh. Yogender, UPPCB, Muzaffarnagar.	08/9/14
		Sh. Azad Singh, RA-1, CPCB	c <u>e</u> <u>8</u> <u>88/09/14</u>
2	Date of report Submission		08109/2014

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CENTRAL POLLUTION CONTROL BOARD NGRBA Cell Joint inspection Report: Sugar

Date of Inspection: 01-09-2014

A: Ge	eneral Information		
1.	Name of the unit and address	M/s Tikaula S	Sugar Mills Lts; Tikaula, Ramray
		Muzaffarnaga	ar (U.P).
2.	Name of the Proprietor/ Contact person -	Sh. R.K Jain	(Occupier)
	Designation		
	Contact No.	<u>_</u>	
3.	Year of Commissioning.	1998-1999	
4.	Sector	Private	
5.	Production details.		
	Products	Sugar	
	Installed Prod. Cap	700 MT	
	Operating capacity	700 MT	
6.	Cane crushing capacity	7000 Tonn/day	
7.	Cane crushed last year	651342.171 Tonns	
8.	Molasses generation	30850.00 Tor	nns
9.	Press Mud generation	28791.9 Tonns	
10.	Operational status	Closed by Own (due to off- season)	
B: Wa	ater Pollution and its Control:		
1.	Water Supply Source(s)	1. 2 Nos.	Tube Well
		Industrial	3600
		Domestic	200
	Water Consumption (KLD)		
2.	Water Meter to show consumption	Not available	2
3.	Flow measuring device installed at outlet	V Notch available (Flow recording throu	
4	Waste Water generation (KLD) (before	Calibration & manual measurement).	
т.	treatment)		
	> Industrial	1200	
	> Domestic	40	
5	Waste Water treatment canacity (KLD)		
5.	> Industrial	1200	
	> Domestic	-	
		1	

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6.	 Details of ETP ETP Description with flow diagram Details of Reverse Osmosis plant, if any 	Oil & Grease trap> Primary Clarifier> Aeration Tank> Secondary Clarifier> Sludge drying beds.					
	 Details of Multi Effect Evaporator, if any 	-					
7.	Waste water discharged (after						
	treatment)(KLD) > Industrial Domestic	1200					
8.	Mode of disposal of treated effluent	On land. However no assessment of same due to non-operation of unit.					
9.	Sample distributed into no. of parts (2/3)	Sample not collected as unit was not ir operation.					
10.	Sludge disposal mode	Bio-composting.					
11.	Effluent collection locations & analysis	Location	s	-	Para	meters	TCC
	results (if collected)			pn	(mg/l)	(mg/l)	(mg/l)
	(No Sample)	Outlet		-	-	-	-
		Others		-	-	-	-
<u>(I) I</u>	Details of treatment effluent before Ferti-	Aerobic	trea	tment	followe	ed by	sludge
**	irrigation	separation.					
2.	Command area for irrigation (available						
	land area)	Nearby agriculture land					
3.	System for dilution of treated effluent						
	required for ferti-irrigation	Not available					
4.	System of transportation of treated						
	effluent upto field.	Through tankers.					
5.	Formal agreements with farmers for						
	using treated effluent	Record not provided.					
6.	Storage facility available for treated						
	effluent during low demand period	Lagoons in ETP of Tikaula distillery.					
7.	Quality of effluent being used for ferti- irrigation	After secondary Treatment					
8.	Ground water monitoring network	Available					
C: Ai	r Pollution and its Control						
1.	Sources of Air Pollution	Boilers 3 Nos; (Total capacity 145 Tonns)					
2.	Type of Fuel used with consumption	Bagasses					

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Stack details	Stack Height >30 mtrs.
> APCS details	1. Wet scrubber
	2.
	3.
	4.
Samples collections points (if collected)	PM (mg/Nm ³):
(No Sample)	
	 Stack details APCS details Samples collections points (if collected) (No Sample)

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Photographs indicating locations:



Pic 1: Entry

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Pic 2: ETP (at least 1)

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Pic: 3 Chimney (All visible)

Pic 4: Discharge points

E. Route of effluent to reach river Ganga/Yamuna (Please indicate starting from the outlet drain of the unit)

Effluent (Raw/Treated) from outlet drain of unit

via Surface run-off from catchment Discharge to

River Ganga via tributary/seasonal drain.

1	Name of officials inspecting	Name & Designations	Signature		
		Sh. Suneel Dave, Sc `D', CPCB	Way 100 2100/ 2007		
		Sh. Vivek Roy, R.O UPPCB, Muzaffarnagar.	V. ul 14 08/09/14		
		Sh. Yogender, UPPCB, Muzaffarnagar.	A 19/14		
		Sh. Azad Singh, RA-1, CPCB	a/200/2		
2	Date of report Submission				

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CENTRAL POLLUTION CONTROL BOARD NGRBA Cell Joint inspection Report: Sugar

Date of Inspection: 01-09-2014

A: Ge	neral Information				
1.	Name of the unit and address	M/s Triveni Enggineering & Industries Ltc (Sugar unit), Khatauli, Muzaffarnagar (U.P).			
2.	Name of the Proprietor/ Contact person – Designation Contact No.	Sh. Niranjan Singh (AGM;legal)/ Sh. Deep Malik (Sr. Manager; Process) 09897055900/09634105999			
3.	Year of Commissioning.	1933			
4.	Sector	Private			
5.	 Production details. Products Installed Prod. Cap Operating capacity 	Refined Sugar 1600 TPD			
6.	Cane crushing capacity	16000 Tonn/day			
7.	Cane crushed last year	1264959.556 Tonns			
8.	Molasses generation	62532.80 Tonns			
9.	Press Mud generation	62615.495 Tonns			
10.	Operational status	Closed by Own (due to off-season)			
B: Wa	ater Pollution and its Control:				
1.	Water Supply Source(s)	1. Tube Well			
		Industrial 5500			
	Water Consumption (KLD)	Domestic 1000			
2.	Water Meter to show consumption	Available			
3.	Flow measuring device installed at outlet of ETP	V Notch; flow measurement through calibration and manual means.			
4.	Waste Water generation (KLD) (before treatment) Industrial Domestic 	1800 (approx.) 600			
5.	Waste Water treatment capacity (KLD) > Industrial > Domestic	1650 600			

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	2					
6.	Details of ETP	Oil & Grease tr	ap	Anaero	bic Pond	
	ETP Description with flow diagram	Aeration Tank	Cl	larifier	-> Lagoo	n &
	> Details of Reverse Osmosis plant, if	Sludge drying beds.				
	any	- F-TP units heads upgradation				cn
	> Details of Multi Effect Evaporator if	in maintence plactuces,			,	
	any	- Voulty "				
7.	Waste water discharged (after					
	treatment)(KLD)	1.050				
		1650.				
8.	Mode of disposal of treated effluent	On land, How	vever r	10 25565	sment o	of same
	(Details)	due to non-op	eration	of unit.	onnenie e	Ji Sume
9.	Sample distributed into no. of parts (2/3)	Sample not	collecte	ed as u	nit was	not in
10	Sludge disposal mode	operation.	land fo		1+1100	
11	Effluent collection locations & analysis			Para	nture.	
11.	results (if collected)	Locations	рН	BOD	COD	TSS
		Outlet		(mg/l)	(mg/l)	(mg/l)
	(No Sample)	Others	-	-	-	-
(I) I	nformation regarding Ferti-irrigation	I			L	
1.	Details of treatment effluent before Ferti-	Anaerobic-Aero	bic trea	tment fo	llowed by	y sludge
	irrigation	separation and lagooning.				
2.	Command area for irrigation (available				,	
	land area)	Nearby agriculture land (approx. 34 hectare)				
3.	System for dilution of treated effluent					
	required for ferti-irrigation	Mixing with gro	und wat	er.		
4.	System of transportation of treated				44	
	effluent upto field.	Through Hume I	Pipe			
5.	Formal agreements with farmers for			, 	* 18. do 0 do 0 do 0.	
	using treated effluent	No record provided.				
6.	Storage facility available for treated					
	effluent during low demand period	Lagoons				
7.	Quality of effluent being used for ferti- irrigation	After secondary Treatment				
8.	Ground water monitoring network	Available				
C: Air	Pollution and its Control					
1.	Sources of Air Pollution	Boilers 3 Nos;	(Total	capacity	145 Ton	ns)
۷.	Type of Fuel used with consumption	Bagasses				
		Dagasses		·		

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 > Stack details
 Stack Height > 30 mtrs.

 > APCS details
 1.

 2.
 3.

 3.
 4.

 Samples collections points (if collected)
 PM (mg/Nm³):

 (No Sample)

Photographs indicating locations:



Pic 1: Entry

3. 4.

5.

3.2" x3.2"

Pic 2: ETP (at least 1)

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Pic: 3 Chimney (All visible)

E. Route of effluent to reach river Ganga/Yamuna (Please indicate starting from the outlet drain of the unit)

Effluent (Raw/Treated) from outlet drain of unit Municipal main sewer/Nalla Discharge to River Ganga via tributary/seasonal drain.

Name of officials Name & Designations 1 Signature inspecting Sh. Suneel Dave, Sc 'D', CPCB Sh. Vivek Roy, R.O UPPCB, Muzaffarnagar. Sh. Yogender, UPPCB, Muzaffarnagar. 0819114 Sh. Azad Singh, RA-1, CPCB 2 Date of report 08/09/2014 Submission

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Cpcb CENTRAL POLLUTION CONTROL BOARD NGRBA Cell Joint inspection Report: Sugar

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Date of Inspection: 01-09-2014

A: G	eneral Information			
1.	Name of the unit and address	M/s D.S.M Sugar, Mansurpur, Meerut Ro Muzaffarnagar (U.P).		
2.	Name of the Proprietor/ Contact person – Designation Contact No.	Sh. Sanjay Sharma (V.P)/ Sh. Sarad Raz Khan (Dy Mgr, Q.C) 0171717833		
3.	Year of Commissioning.	1933		
4.	Sector	Private	·	
5.	 Production details. Products Installed Prod. Cap Operating capacity 	Sugar 7000 TCD -		
6.	Cane crushing capacity	7000 Tonn/day		
7.	Cane crushed last year	848700 Tonns		
8.	Molasses generation	42100 Tonns	s (During last year)	
9.	Press Mud generation	29700 Tonns (During last year)		
10.	Operational status	Closed by Own (due to off season)		
B: W	/ater Pollution and its Control:			
1.	Water Supply Source(s)	1. 3 Nos.	Tube Well	
		Industrial	2500 (approx.)	
•	Water Consumption (KLD)	Domestic	100	
2.	Water Meter to show consumption	Not availabl	e	
3.	Flow measuring device installed at outlet of ETP	Not availabl	е	
4.	Waste Water generation (KLD) (before treatment) > Industrial > Domestic	1500 (appro 100	x.)	
5.	Waste Water treatment capacity (KLD) > Industrial > Domestic	1500 (appro	x.)	

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					<u></u>	
6.	Details of ETP	Oil & Grease trap> Primary Clarifier>				
	ETP Description with flow diagram	Equalization I a	nk	• Aeration	I ank	*
	> Details of Reverse Osmosis plant, if		ner			
	any					
	Detaile of Multi Effect Evenerators if					
	> Details of Multi Effect Evaporator, if	-				
7.	Waste water discharged (after					
	treatment)(KLD)					
	> Industrial	1500 (approx.)				
	Domestic	-				
8.	Mode of disposal of treated effluent	In Surface Wa	ter (th	rough na	lla/drain).
0	(Details) Sample distributed into no. of parts (2/3)	Sample not	collecte		nit was	not in
9.		operation	conecte	eu as u	ni was	not m
10.	Sludge disposal mode	On Agriculture	e land a	as manur	e.	
11.	Effluent collection locations & analysis	Locations	T	Para	neters	
	results (if collected)		pН	BOD	COD	TSS
		Outlet	-	(mg/l) -	(mg/l)	(mg/l)
	(No Sample)	Others	-	-	-	-
(I) I	nformation regarding Ferti-irrigation -	Not practic	ed	L		Ł
1.	Details of treatment effluent before Ferti-	-				
	irrigation					
2.	Command area for irrigation (available					
	land area)	-				
3.	System for dilution of treated effluent	عد				
	required for ferti-irrigation	-				
4.	System of transportation of treated					
	effluent upto field.	-				
5.	Formal agreements with farmers for					
	using treated effluent	-				
6.	Storage facility available for treated					
	effluent during low demand period	-				
7.	Ouality of effluent being used for ferti-					
	irrigation					
8.	Ground water monitoring network	-				
C: Air	Pollution and its Control					
1.	Sources of Air Pollution	Boilers2 Nos;c	apacity	/ 90Tonn	s & 100	Tonns)
2.	> Type of Fuel used with consumption					<i>L</i>
		Bagasses				
3.	Stack details	Stack Height >	>30 mt	rs.		

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 3

 4.
 > APCS details

 1. Electro-static precipitator

 2.

 3.

 4.

 5.
 Samples collections points (if collected)

 (No Sample)

Photographs indicating locations:



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E. Route of effluent to reach river Ganga/Yamuna (Please indicate starting from the outlet drain of the unit)

Effluent (Raw/Treated) from outlet drain of unit ------ Nearb Nalla

4

Municipal main sewer/Nalla Discharge to River Ganga via

tributary/seasonal drain.

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1	Name of officials inspecting	S	Name & Designations	Signature
			Sh. Suneel Dave, Sc 'D', CPCB	Mare ostoal ma
		,	Sh. Vivek Roy, R.O UPPCB, Muzaffarnagar.	U. uf 1607/14
			Sh. Yogender, UPPCB, Muzaffarnagar.	0819114
			Sh. Azad Singh, RA-1, CPCB	· 3 - 1 - 5 - 57 109 114
2	Date of Submission	report		08109/2014



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CENTRAL POLLUTION CONTROL BOARD NGRBA Cell Joint inspection Report: Distillery

Date of Inspection:01/09/2014

A: G	eneral Information			
1.	Name of the unit and address	M/s Sir Shac Mansurpur, N	li Lal Distillery & Chemical Works, 1uzaffarnagar.	
2.	Name of the Proprietor/ Contact person – Designation Contact No.	Sh. S.K. Gupta (Associate V.P)/ Sh. Ompal Singh (G.M Prouction) 01396-252249		
3.	Year of Commissioning.	1961		
4.	Sector	Private		
5.	 Production details. Products Installed Prod. Cap. Consented Prod. Cap Restricted Prod. Cap. 	Rectified Sprit 82 KLD - -		
6.	Raw materials & their requirement	Molasses; 350 MT/day		
7.	Operational status	Closed by own.		
B: W	ater Pollution and its Control:	<u> </u>		
1.	Water Supply Source	Tube well		
	Water Consumption (KLD)	Industrial	8200 KLD	
		Domestic	5 KLD	
2.	Water Meter to show consumption	Not available		
3.	Flow measuring device installed at outlet of ETP	Not available		
4.	Waste Water generation (KLD) (before treatment) > Industrial > Domestic	1148 KLD 5 KLD		
5.	Waste Water treatment capacity (KLD) > Industrial > Domestic	1225 KLD (Ar 5 KLD (Soak	na. digestion & Bio composting) Pit)	

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 Waste Water treatment capacity (KLD) > Industrial > Domestic > Details of ETP > ETP Description with flow diagram > Details of Reverse Osmosis plant, if any > Details of Multi Effect Evaporator, if any > Details of Multi Effect Evaporator, if any > Details of disposal of treated effluent (Details) > Industrial > Industrial > Sample distributed into no. of parts Sample distribute (if collected) (mg/t)		:	2				
 Details of ETP ETP Description with flow diagram Primary Sedimentation Tank → Anaerobic digester coupled with gas holder → R.O Lagoon & composting Details of Reverse Osmosis plant, if any Details of Multi Effect Evaporator, No MEE has been provided. If any Details of Multi Effect Evaporator, No MEE has been provided. Waster discharged (after treatment)(KLD) Industrial Domestic Mode of disposal of treated effluent (Details) Sample distributed into no. of parts Sample not collected as the unit was not in operation. Sludge disposal mode Bio-composting Effluent collection locations analysis results (if collected) (No Sample) Active area for bio composting Active area for bio compost preparation (m²) Spent wash storage (m²) Area for bio compost storage (m²) Area for bio compost prepared (Monthly statement of last year) Quantity of pressmud 9301 MT approx Quantity of pressmen procured 7121.69 MT/month approx Monthly statement) Details of wind roses (Number, Approx 20 No per cycle and of dimension 	5.	Waste Water treatment capacity (KLD) > Industrial > Domestic	1225 KLD (Ana. digestion & Bio composting) 5 KLD (Soak Pit)				
 FTP Description with flow diagram ETP Description with flow diagram Active area for bio composting Active area for bio compost storage (m²) Active area for bio compost storage (m²) Active for bio compost prepared (Monthly statement of last year) Availability of pressmud Availability of pressmud Active for bio compost storage (m²) Active for bio compost storage (m²) Active for bio compost for prepared (Monthly statement of last year) Availability of pressmud Availability of pressmud <	6.	Details of ETP	Primary Sedimer	ntation T	`ank ——•	Anaerob	ic
 > Details of Reverse Osmosis plant, if any > Details of Multi Effect Evaporator, if any > Details of Multi Effect Evaporator, if any > Details of Multi Effect Evaporator, if any > No MEE has been provided. No MEE has been provided. No MEE has been provided. > Industrial > Domestic > Industrial > Details of disposal of treated effluent (Details) > Sample distributed into no. of parts > Sample sont collected as the unit was not in operation. > Sudge disposal mode > Effluent collection locations & analysis results (if collected) (No Sample) > Otters 		> ETP Description with flow diagram	digester coupled	with gas	s holder—	→ R.O	
> Details of Reverse Osmosis plant, if any > Details of Multi Effect Evaporator, if any No MEE has been provided. ?. Waste water discharged (after treatment)(KLD) Zero-liquid discharge as UPPCB has stipulated consent condition of Zero-liquid discharge. However no assessment of same due to non- operation of unit. 8. Mode of disposal of treated effluent (Details) On land/ Surface water: N/A. Bio-composting leading to Zero liquid discharge. However no assessment of same due to non-operation of unit. 9. Sample distributed into no. of parts analysis results (if collected) Samples not collected as the unit was not in operation. 10. Sludge disposal mode Bio-composting 11. Effluent collection locations analysis results (if collected) & Outlet - (No Sample) Outlet - - 0 Information regarding Bio-composting - - 11. Active area for bio compost preparation (m ²) 59880.8 - - 2. Area for press mud storage (m ²) 16187.2 - - 3. Area for press mud storage (m ²) 6474.912 - - 4. Spent wash storage capacity 20,275 cum - - 5. Availability of pressmud 930			-		L	L.	7
 > Details of Reverse Osmosis plant, if any > Details of Multi Effect Evaporator, if any > No MEE has been provided. R.O of capacity 540 KLD has been provided. No MEE has been provided. > No Mete has been provided. 2 Zero-liquid discharge as UPPCB has stipulated consent condition of Zero-liquid discharge. However no assessment of same due to non- operation of unit. 8. Mode of disposal of treated effluent (Details) 9. Sample distributed into no. of parts (2/3) 10. Sludge disposal mode 11. Effluent collection locations & analysis results (if collected) 12. Active area for bio composting 13. Active area for bio compost preparation (m²) 14. Active area for bio compost preparation (m²) 15. Avea for press mud storage (m²) 16187.2 16187.2 16187.2 16187.2 133 MT/month (Monthly statement of last year) 7. Quantity of pressmen procured (Monthly statement of last year) 7. Quantity of pressmen procured (Monthly statement) 8. Details of wind roses (Number, Approx 20 No per cycle and of dimension 	ĺ				▼ Lago	, on & com	nostina
 b Details of Reverse Oshiols plait, if any > Details of Multi Effect Evaporator, if any > Mode of disposal of treated effluent (Details) > Industrial Domestic > Industrial Domestic > Industrial Domestic > Sample distributed into no. of parts (2/3) Sample distributed into no. of parts (2/3) Sudge disposal mode Sludge disposal mode Sloccomposting Continue Collected as the unit was not in operation. Sludge disposal mode Bio-composting Information regarding Bio-composting Active area for bio compost prepared for bio compost preparation (m²) Area for press mud storage (m²) Area for bio compost storage (m²) Area for bio compost prepared for bio compost p		Details of Deverse Compain plant	R O of capacity 540 KLD has been provided.			iposting	
 No MEE has been provided. Details of Multi Effect Evaporator, if any Waste water discharged (after treatment)(KLD) Industrial Domestic Mode of disposal of treated effluent (Details) Sample distributed into no. of parts (2/3) Sample distributed into no. of parts (2/3) Sample distributed into no. of parts (2/3) Sludge disposal mode Effluent collection locations analysis results (if collected) (No Sample) Locations Active area for bio composting Active area for bio composting Active area for bio compost preparation (m²) Area for press mud storage (m²) Area for bio compost storage (m²) Area for bio compost storage (m²) Area for bio compost prepared (Monthly statement of last year) Quantity of pressmud Quantity of pressmen procured (Monthly statement) Details of wind roses (Number, Approx 20 No per cycle and of dimension 		if any	K.O of capacity 540 KED has been provided.				
If any If any If any 7. Waste water discharged (after treatment)(KLD) Zero-liquid discharge as UPPCB has stipulated consent condition of Zero-liquid discharge. However no assessment of same due to non-operation of unit. 8. Mode of disposal of treated effluent (Details) On land/ Surface water: N/A. Bio-composting leading to Zero liquid discharge. However no assessment of same due to non-operation of unit. 9. Sample distributed into no. of parts (2/3) Samples not collected as the unit was not in operation. 10. Sludge disposal mode Bio-composting Bob (mg/l) 11. Effluent collection locations analysis results (if collected) Locations Parameters 11. Effluent collection locations analysis results (if collected) Locations Parameters 11. Effluent collection locations analysis results (if collected) Locations Parameters 11. Active area for bio composting Outlet - - 12. Active area for bio compost preparation (m²) 16187.2 - - 2. Area for press mud storage (m²) 6474.912 - - - 3. Area for bio compost prepared 1133 MT/month - - - 4. <td></td> <td> Details of Multi Effect Evaporator. </td> <td colspan="3">No MEE has been provided.</td> <td></td>		 Details of Multi Effect Evaporator. 	No MEE has been provided.				
7. Waste water discharged (after treatment)(KLD) > Industrial Domestic Zero-liquid discharge as UPPCB has stipulated consent condition of Zero-liquid discharge. However no assessment of same due to non-operation of unit. 8. Mode of disposal of treated effluent (Details) On land/ Surface water: N/A. Bio-composting leading to Zero liquid discharge. However no assessment of same due to non-operation of unit. 9. Sample distributed into no. of parts (2/3) On land/ Surface water: N/A. Bio-composting leading to Zero liquid discharge. However no assessment of same due to non-operation of unit. 9. Sample distributed into no. of parts (2/3) Samples not collected as the unit was not in operation. 10. Sludge disposal mode Bio-composting 11. Effluent collection locations analysis results (if collected) Locations Parameters (No Sample) Outlet - - 0. Active area for bio composting - - 1. Active area for bio compost storage (m²) 6474.912 - 2. Area for press mud storage (m²) 6474.912 - - 3. Area for bio compost storage (m²) 6474.912 - - 4. Spent wash storage capacity 20,275 cum - - 5. Availabilit		if any	, , , , , , , , , , , , , , , , , , ,				
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 > Industrial Domestic Nodever no assessment of same due to non-operation of unit. 8. Mode of disposal of treated effluent (Details) Sample distributed into no. of parts (2/3) Sample distributed into no. of parts (2/3) Sludge disposal mode Sludge disposal mode Sludge disposal mode Effluent collection locations analysis results (if collected) (No Sample) (No Sample) Active area for bio composting reparation (m²) Area for press mud storage (m²) Area for bio compost storage (m²) Area for bio compost storage (m²) Area for bio compost storage (m²) Availability of pressmud Spent wash storage capacity Quantity of pressmud Quantity of pressmen procured (Monthly statement) Details of wind roses (Number, Approx 20 No per cycle and of dimension 		treatment)(KLD)	consent cond	ition c	of Zero-l	iquid di	scharge.
Domestic Operation of unit. 8. Mode of disposal of treated effluent (Details) On land/ Surface water: N/A. Bio-composting leading to Zero liquid discharge. However no assessment of same due to non-operation of unit. 9. Sample distributed into no. of parts (2/3) Samples not collected as the unit was not in operation. 10. Sludge disposal mode Bio-composting 11. Effluent collection locations analysis results (if collected) Locations Parameters 11. Effluent collection locations analysis results (if collected) Locations PH BOD (mg/l) COD (mg/l) Tss (mg/l) 11. Information regarding Bio-composting - - - - 12. Active area for bio compost preparation (m²) 59880.8 - - - - 2. Area for press mud storage (m²) 16187.2 - - - - 3. Area for bio compost storage (m²) 6474.912 - - - - 3. Area for bio storage capacity 20,275 cum - - - - 5. Availability of pressmud 9301 MT approx - - - -	> Industrial Howe			ssessm	ient of sa	ame due	to non-
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 Area for bio compost storage (m²) 6474.912 Spent wash storage capacity 20,275 cum Availability of pressmud 9301 MT approx Quantity of compost prepared 1133 MT/month (Monthly statement of last year) Quantity of pressmen procured 7121.69 MT/month approx Monthly statement) Details of wind roses (Number, Approx 20 No per cycle and of dimension 	2.	Area for press mud storage (m ²)	16187.2				
 4. Spent wash storage capacity 20,275 cum 5. Availability of pressmud 9301 MT approx 6. Quantity of compost prepared (Monthly statement of last year) 7. Quantity of pressmen procured 7121.69 MT/month approx 8. Details of wind roses (Number, Approx 20 No per cycle and of dimension 	3.	Area for bio compost storage (m ²)	6474.912				
 5. Availability of pressmud 6. Quantity of compost prepared (Monthly statement of last year) 7. Quantity of pressmen procured (Monthly statement) 8. Details of wind roses (Number, Approx 20 No per cycle and of dimension 	4.	Spent wash storage capacity	20,275 cum				
 6. Quantity of compost prepared (Monthly statement of last year) 7. Quantity of pressmen procured 7121.69 MT/month approx (Monthly statement) 8. Details of wind roses (Number, Approx 20 No per cycle and of dimension 	5.	Availability of pressmud	9301 MT appro	ох			
(Monthly statement of last year) 7. Quantity of pressmen procured (Monthly statement) 8. Details of wind roses (Number, Approx 20 No per cycle and of dimension)	6.	Quantity of compost prepared	1133 MT/mon	th			
7. Quantity of pressmen procured 7121.69 MT/month approx (Monthly statement) 8. Details of wind roses (Number, Approx 20 No per cycle and of dimension		(Monthly statement of last year)					
(Monthly statement) 8. Details of wind roses (Number, Approx 20 No per cycle and of dimension	7.	Quantity of pressmen procured	7121.69 MT/m	onth a	pprox		
8. Details of wind roses (Number, Approx 20 No per cycle and of dimension		(Monthly statement)					
	8.	Details of wind roses (Number,	Approx 20 N	o per	cycle ar	nd of di	mension

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	length, height, width of stacking,	120mx3mx1.25m at a spacing of 2-3m.
	space between two wind rose)	Approx 10 cycle per annum.
9.	Quantity of Effluent being used for	550 KLD approx
	composting (m³/day) :	
10.	Quantity of press mud being used for	Approx 7500MT
	one cycle	
11.	Maturity time in days for one cycle	60 days
12.	Arrangement for rainy season	Effluent storage lagoons provided.
13.	Quality of ground water in the area	-
·	and depth of ground water table	
(II)	Information regarding Ferti-irrigat	ion N/A
1.	Details of treatment of spent wash	• :
	(details of bio methanisation,	
	primary and secondary treatment)	
2.	Command area for irrigation	-
	(available land area)	
3.	System for dilution of treated	-
	effluent required for ferti-irrigation	
4.	System of transportation of treated	-
	effluent upto field.	
5.	Formal agreements with farmers for	-
	using treated effluent	•
6.	Storage facility available for treated	-
	effluent during low demand period	
7.	Quality of effluent being used for	-
	ferti-irrigation	
8.	Ground water monitoring network	-
C: Ai	r Pollution and its Control	
1.	Sources of Air Pollution	Boiler
2.	> Type of Fuel used with	BIO-gas, RICE HUSK
	consumption	
3.	> Stack details	Stack height > 30 mtrs.
4.	> APCS details	1. Dust collectors
		2.
		3.
		4.
5.	Samples collections points	PM (ma/Nm ³):
51	(if collected)	(

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Contel 7





CENTRAL POLLUTION CONTROL BOARD NGRBA Cell Joint inspection Report: Distillery

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Date of Inspection:01/09/2014

2.9 2

A: Ge	eneral Information			
1.	Name of the unit and address	M/s Tikaula Di	stillery, Tikaula, Muzaffarnagar.	
			÷	
2	Name of the Proprietor/ Contact	Sh. O.P Sharn	na (V.P)/	
Ζ.	person – Designation	Sh. G.K.Gupta (G.M)		
	Contact No.	01396-24650	8/246528	
3.	Year of Commissioning.	2003		
4	Sector	Private		
5.	Production details.			
	Products	Rectified Sprit,	Special Denatured Sprit	
	 Installed Prod. Cap. 	30 KLD		
	Consented Prod. Cap	30 KLD		
	Restricted Prod. Cap.	-		
6.	Raw materials & their requirement	Molasses; 1100-1200 M1/day (Approx.)		
7	Operational status	Closed by own/Non-operational.		
1.				
R· W	later Pollution and its Control:			
1.	Water Supply Source	Tube well		
		Industrial	612 KLD	
	Water Consumption (KLD)	Domostic	Nill	
		Domestic		
2.	Water Meter to show consumption	Not available		
L		Alsh as a Balata		
3.	Flow measuring device installed at	Not available		
	outlet of ETP			
4.	Waste Water generation (KLD)			
	(before treatment)	300 KLD		
	> Industrial			
	Wasta Water treatment canacity			
5.	(KID)			
	> Industrial	300 KLD (Ar	na. digestion & Bio composting)	
1	> Domestic	Nill		

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6.	Details of ETP	Primary Sedime	ntation	Fank	Buffer T	`ank
	ETP Description with flow diagram	Anaerobic diges	ter coup	led with g	as holder	_
	÷	e de la companya de la	,	L	unon fra	•
	Details of Reverse Osmosis plant.	- NO RO	Vin	ef La	$g_{001} \propto c_{0}$	shipost yaru
	if any		= 1	α		
	Details of Multi Effect Evaporator, if any	- NO MIE	./= , (. 11		
7.	Waste water discharged (after	Zero-liquid di	scharge	e as UPF	CB has	stipulated
	Treatment)(KLD)	However no	assessr	nent of	same du	e to non-
	Domestic	operation of u	nit.		Junie du	
8.	Mode of disposal of treated effluent	On land/ Surfa	ice wat	er: N/A.		
	(Details)	Bio-compostin	g leadii	ng to Zer	o liquid	discharge.
		However no a	assessn hit	hent of s	same du	e to non-
9.	Sample distributed into no. of parts	Samples not	collect	ed as th	e unit w	as not in
	(2/3)	operation.				
10.	Sludge disposal mode	Bio-composting				
11.	Effluent collection locations &	Locations	-	Para	meters	TEE
	analysis results (if collected)		рн	(mg/l)	(mg/l)	(mg/l)
	(No Sample)	Outlet	-	-	-	-
		Others	-	-	-	-
(I) I	nformation regarding Bio-composti	ng		L		
1.	Active area for bio compost					
	preparation (m²)	36000				
2.	Area for press mud storage (m ²)	25600				
3.	Area for bio compost storage (m ²)	2100				
4.	Spent wash storage capacity	28987.5 KL				
5.	Availability of pressmud	10780 MT approx				
6.	Quantity of compost prepared	6916 MT				
	(Monthly statement of last year)					
7.	Quantity of pressmen procured	28792 MT app	rox			
	(Monthly statement)					
8.	Details of wind roses (Number,	40 Wind roses	(120m	x3mx1.2	5m)@2	m c/c
	length, height, width of stacking,					
1	space between two wind rose)					

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9.	Quantity of Effluent being used for	250-300 KLD approx
	composting (m^3/day)	
10		
10.	Quantity of press mud being used for	Approx 2750M1
	one cycle	
11.	Maturity time in days for one cycle	45-60 days
12.	Arrangement for rainy season	Lagoons are available.
13.	Quality of ground water in the area	-
	and depth of ground water table	
(II)	Information regarding Ferti-irrigat	ion N/A
1.	Details of treatment of spent wash	-
	(details of bio methanisation,	
	primary and secondary treatment)	
2.	Command area for irrigation	-
	(available land area)	
3.	System for dilution of treated	-
	effluent required for ferti-irrigation	
4.	System of transportation of treated	-
	effluent upto field.	
5.	Formal agreements with farmers for	-
	using treated effluent	
6.	Storage facility available for treated	-
	effluent during low demand period	
7.	Quality of effluent being used for	-
	ferti-irrigation	
8.	Ground water monitoring network	-
<u>C: Ai</u>	r Pollution and its Control	Pollor (12 T D U)
2	> Type of Fuel used with	Boller (12 I.P.H) Bio-das Badasses
	consumption	
3.	Stack details	Stack of height 30 mts
4.	> APCS details	1. Multi-cyclone
		2.
1	"	3.
		4.
	Complex cells stress	
э.	Samples collections points (if collected)	PM (mg/Nm ²):
	(No. Sample)	

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1	Name of offici	als	Name & Designations	Signature
			Sh. Suneel Dave, Sc 'D', CPCB	(Ante 0810912004
			Sh. Vivek Roy, R.O UPPCB, Muzaffarnagar.	V. whethy 08/05/14,
			Sh. Yogender, UPPCB, Muzaffarnagar.	08/9/114
			Sh. Azad Singh, RA-1, CPCB	C Su 1 2 08/09/19
2	Date of Submission	report		08/09/12

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CENTRAL POLLUTION CONTROL BOARD NGRBA Cell Joint inspection Report: Distillery

Date of Inspection:01/09/2014

A: Ge	eneral Information		
1.	Name of the unit and address	M/s Triveni En complex), Bila	igg. & Industries Ltd (Alco-chemical spur, Jolly road, Muzaffarnagar.
2.	Name of the Proprietor/ Contact person – Designation Contact No.	Sh. R. Kandpa 07895900632	ıl (G.M)
3.	Year of Commissioning.	2007	
4.	Sector	Private	
5.	 Production details. Products Installed Prod. Cap. Consented Prod. Cap Restricted Prod. Cap. 	ENA, Absolute 160 KLD 160 KLD	alcohol & Rectified Sprit
6.	Raw materials & their requirement	Molasses; 720) Tonns/day (approx.)
7.	Operational status	Closed by owr	n/Non-operational.
B: W	Water Supply Source	Tube well	
L .	Water Consumption (KLD)	Industrial Domestic	2620 16
2.	Water Meter to show consumption	Available	
3.	Flow measuring device installed at outlet of ETP	Available	
4.	Waste Water generation (KLD) (before treatment) > Industrial > Domestic	1600 12	
5.	Waste Water treatment capacity (KLD) > Industrial > Domestic	1600 12	

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6.	Details of ETP	Primary Sedime	ntation T	ank/Colle	ction tank	
	> ETP Description with flow diagram	Anaerobic diges	ter coupl	ed with ga	is holder—	→ R.O
					L	•
		D O of composited	600 KT	La Dhan haar	goon & co	mpost yard
	if any	K.O of capacity i	000 KL	D has been	i provided.	
	 Details of Multi Effect Evaporator, 	No MEE has pro	vided.			
	if any					
7.	Waste water discharged (after	Zero-liquid di	scharge	e as UPF	PCB has	stipulated
	> Industrial	However no	assessn	nent of	same du	e to non-
	Domestic	operation of u	nit.			
8.	Mode of disposal of treated effluent	On land/ Surfa	ce wate	er: N/A.		
	(Details)	Bio-composting	g leadir	ng to Zer	ro liquid	discharge.
		operation of ur	issessn nit:	ient of s	same qui	
9.	Sample distributed into no. of parts	Samples not	collecte	ed as th	e unit w	as not in
	(2/3)	operation.				
10.	Sludge disposal mode	Bio-composting	9			
11. ;	Effluent collection locations &	Locations		Para	ameters	
	analysis results (if collected)		рН	BOD (mg/l)	COD (mg/1)	TSS (mg/l)
	(No Sample)	Outlet	-	-	-	-
		Others	-	-	-	-
	1					
(I) I	nformation regarding Bio-composti	ng				<u> </u>
(I) I 1.	nformation regarding Bio-composti Active area for bio compost	ng				
(I) I 1.	nformation regarding Bio-composti Active area for bio compost preparation (m ²)	ng 80936.5			<u> </u>	
(I) I 1.	nformation regarding Bio-composti Active area for bio compost preparation (m ²)	ng 80936.5			<u> </u>	
(I) I 1. 2.	nformation regarding Bio-composti Active area for bio compost preparation (m ²) Area for press mud storage (m ²)	ng 80936.5 20234.12			<u> </u>	
(I) I 1. 2. 3.	nformation regarding Bio-composti Active area for bio compost preparation (m ²) Area for press mud storage (m ²) Area for bio compost storage (m ²)	ng 80936.5 20234.12 26709				
(I) I 1. 2. 3. 4.	nformation regarding Bio-composti Active area for bio compost preparation (m ²) Area for press mud storage (m ²) Area for bio compost storage (m ²) Spent wash storage capacity	ng 80936.5 20234.12 26709 48000 KL				
(I) I 1. 2. 3. 4. 5.	nformation regarding Bio-composti Active area for bio compost preparation (m ²) Area for press mud storage (m ²) Area for bio compost storage (m ²) Spent wash storage capacity Availability of pressmud	ng 80936.5 20234.12 26709 48000 KL 100000 MT (fru	om owr	ı sugar u	nit).	
(I) I 1. 2. 3. 4. 5. 6.	nformation regarding Bio-composti Active area for bio compost preparation (m ²) Area for press mud storage (m ²) Area for bio compost storage (m ²) Spent wash storage capacity Availability of pressmud Quantity of compost prepared	ng 80936.5 20234.12 26709 48000 KL 100000 MT (fro 20460 MT	om owr	ı sugar ul	nit).	
(I) I 1. 2. 3. 4. 5. 6.	nformation regarding Bio-composti Active area for bio compost preparation (m ²) Area for press mud storage (m ²) Area for bio compost storage (m ²) Spent wash storage capacity Availability of pressmud Quantity of compost prepared (Monthly statement of last year)	ng 80936.5 20234.12 26709 48000 KL 100000 MT (fro 20460 MT	om owr	ı sugar ul	nit).	
(I) I 1. 2. 3. 4. 5. 6. 7.	nformation regarding Bio-composti Active area for bio compost preparation (m ²) Area for press mud storage (m ²) Area for bio compost storage (m ²) Spent wash storage capacity Availability of pressmud Quantity of compost prepared (Monthly statement of last year) Quantity of pressmen procured	ng 80936.5 20234.12 26709 48000 KL 100000 MT (fro 20460 MT 66500 MT (app	om owr	ı sugar ul	nit).	
(I) I 1. 2. 3. 4. 5. 6. 7.	nformation regarding Bio-composti Active area for bio compost preparation (m ²) Area for press mud storage (m ²) Area for bio compost storage (m ²) Spent wash storage capacity Availability of pressmud Quantity of compost prepared (Monthly statement of last year) Quantity of pressmen procured (Monthly statement)	ng 80936.5 20234.12 26709 48000 KL 100000 MT (fro 20460 MT 66500 MT (app	om owr	ı sugar u	nit).	
(I) I 1. 2. 3. 4. 5. 6. 7. 8.	nformation regarding Bio-composti Active area for bio compost preparation (m ²) Area for press mud storage (m ²) Area for bio compost storage (m ²) Spent wash storage capacity Availability of pressmud Quantity of compost prepared (Monthly statement of last year) Quantity of pressmen procured (Monthly statement) Details of wind roses (Number,	ng 80936.5 20234.12 26709 48000 KL 100000 MT (fro 20460 MT 66500 MT (app 85 Nos of	om owr prox.) Win	i sugar ui	nit).	dimension
(I) I 1. 2. 3. 4. 5. 6. 7. 8.	nformation regarding Bio-composti Active area for bio compost preparation (m ²) Area for press mud storage (m ²) Area for bio compost storage (m ²) Spent wash storage capacity Availability of pressmud Quantity of compost prepared (Monthly statement of last year) Quantity of pressmen procured (Monthly statement) Details of wind roses (Number, length, height, width of stacking,	ng 80936.5 20234.12 26709 48000 KL 100000 MT (fro 20460 MT 66500 MT (app 85 Nos of 100mx3mx1.5	orn owr prox.) Wind m at a	d roses	nit).	dimension
(I) I 1. 2. 3. 4. 5. 6. 7. 8.	nformation regarding Bio-composti Active area for bio compost preparation (m ²) Area for press mud storage (m ²) Area for bio compost storage (m ²) Spent wash storage capacity Availability of pressmud Quantity of compost prepared (Monthly statement of last year) Quantity of pressmen procured (Monthly statement) Details of wind roses (Number, length, height, width of stacking, space between two wind rose)	ng 80936.5 20234.12 26709 48000 KL 100000 MT (fro 20460 MT 66500 MT (app 85 Nos of 100mx3mx1.5	om owr prox.) Win m at a	d roses	nit). s of of 2m c/c	dimension

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9.	Quantity of Effluent being used for composting (m ³ /day) :	800 KLD (approx.)
10.	Quantity of press mud being used	15000-16000 MT (Approx.)
	for one cycle	
11.	Maturity time in days for one cycle	60 days (approx.)
12.	Arrangement for rainy season	Lagoons are available.
13.	Quality of ground water in the area	-
	and depth of ground water table	
(II)	Information regarding Ferti-irrigat	ion N/A
1.	Details of treatment of spent wash	-
	(details of bio methanisation,	
	primary and secondary treatment)	
2.	Command area for irrigation	
	(available land area)	
3.	effluent required for ferti-irrigation	
4	System of transportation of treated	
	effluent upto field.	
5.	Formal agreements with farmers for	-
	using treated effluent	
6.	Storage facility available for treated	-
	effluent during low demand period	
7.	Quality of effluent being used for	-
	ferti-irrigation	_
8. C. Ai	r Bollution and its Control	
1.	Sources of Air Pollution	Boiler
2.	> Type of Fuel used with	Bio-gas, Bagasses
	consumption	
3	Stack details	Stack of height > 30 mts
<u> </u>		
4.	APCS details	1. Wet Scrubber
		2.
		3.
		4.
5.	Samples collections points (if collected)	PM (mg/Nm ³):
	(No. Sample)	

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1	Name of official inspecting	S	Name & Designations	Signature
			Sh. Suneel Dave, Sc `D', CPCB	Ann 0810912014
		÷.,	Sh. Vivek Roy, R.O UPPCB, Muzaffarnagar.	J. white 08104/14.
			Sh. Yogender, UPPCB, Muzaffarnagar.	2 00 1911Y
			Sh. Azad Singh, RA-1, CPCB	0 Sunt 2 08/09/14
2	Date of Submission	report		08/09/2014

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مرتی MCENTRAL POLLUTION CONTROL BOARD NGRBA Cell Joint inspection Report: Distillery

Date of Inspection:02/09/2014

A: G	eneral Information		
1.	Name of the unit and address	M/s Shamli Distill Muzaffarnagar (U.	eries & Chemical Works, Shamli, P).
2.	Name of the Proprietor/ Contact person – Designation Contact No.	Sh. S.P Singh (V.F 09411276220	?)
3.	Year of Commissioning.	1940	
4.	Sector	Private	
5.	 Production details. Products Installed Prod. Cap. Consented Prod. Cap Restricted Prod. Cap. 	Rectified Sprit 7364 KL/Annum 7364 KL/Annum -	
6.	Raw materials & their requirement	Molasses; 30765.	2 Tonns/Annum
7.	Operational status	Closed by own/Nc	n-operational.
B: W	Vater Pollution and its Control:		
1.	Water Supply Source	Tube well	
	Water Consumption (KLD)	Industrial 95	50 KLD.
		Domestic -	
2.	Water Meter to show consumption	Available	
3.	Flow measuring device installed at outlet of ETP	Not available	
4.	Waste Water generation (KLD) (before treatment) > Industrial > Domestic	300 KLD (approx.)	

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5.	Waste Water treatment capacity (KLD) > Industrial > Domestic	300 KLD -				
6.	Details of ETP > ETP Description with flow diagram	Anaerobic digester Tank/Lagoon	coupled Compos	with gas ho st Yard.	older —	Settling
	 Details of Reverse Osmosis plant, if any Details of Multi Effect Evaporator, if any 	No MEE has been p	een provi provided.	ded., R.C A	plant & ourded for Vine	hasbeen hoto attach Af
7.	Waste water discharged (after treatment)(KLD) > Industrial Domestic	Zero-liquid disc consent conditio no assessment o	harge n of Zer f same (as UPPC o-liquid c due to no	CB has s discharge. n-operatic	stipulated However on of unit.
8.	Mode of disposal of treated effluent (Details)	On land/ Surface Bio-composting However no as operation of unit	water: leading sessme	N/A. to Zero nt of sa	inguid c Ime due	lischarge. to non-
9.	Sample distributed into no. of parts (2/3)	Samples not operation.	collectec	l as the	unit wa	is not in
10.	Sludge disposal mode	Bio-composting.	Compo re that	ost yard n 12 km	is locat	ted at a
		the effluent o compost yard b	f the c by tanke	listillery ers.	is taker	n to the
11.	Effluent collection locations &	the effluent o compost yard b Locations	f the c y tanke	listillery ers. Para	is taker	n to the
11.	Effluent collection locations & analysis results (if collected)	the effluent o compost yard b Locations	f the c by tanke pH	listillery ers. Para BOD (mg/l)	is taken meters COD (mg/l)	TSS (mg/l)
11.	Effluent collection locations & analysis results (if collected)	the effluent o compost yard b Locations Outlet	f the c py tanke pH	listillery ers. Para BOD (mg/l)	is taken meters COD (mg/l)	TSS (mg/l)
11.	Effluent collection locations & analysis results (if collected) (No Sample)	the effluent o compost yard b Locations Outlet Others	f the c py tanke pH	listillery ers. Para BOD (mg/l) -	is taken meters COD (mg/l) -	TSS (mg/l) -
11. (I)]	Effluent collection locations & analysis results (if collected) (No Sample) Information regarding Bio-comp	the effluent o compost yard b Locations Outlet Others osting	f the c py tanke pH -	listillery ers. Para BOD (mg/l) -	is taken meters COD (mg/l) -	TSS (mg/l) -
11. (I) 1 1.	Effluent collection locations & analysis results (if collected) (No Sample) Information regarding Bio-comp Active area for bio compos preparation (m ²)	the effluent o compost yard b Locations Outlet Others osting t 10 acre (App	pH -	listillery ers. Para BOD (mg/l) -	is taken	TSS (mg/l) -
11. (I) 1 1. 2.	Effluent collection locations & analysis results (if collected) (No Sample) Information regarding Bio-comp Active area for bio compos preparation (m ²) Area for press mud storage (m ²)	the effluent o compost yard b Locations Outlet Others osting t 10 acre (App 1.0 acre (App	pH 	listillery ers. Para BOD (mg/l) -	is taken meters COD (mg/l) -	TSS (mg/l) -
11. (I) 1 1. 2. 3.	Effluent collection locations & analysis results (if collected) (No Sample) Information regarding Bio-comp Active area for bio compos preparation (m ²) Area for press mud storage (m ²) Area for bio compost storage (m ²)	the effluent o compost yard b Locations Outlet Others osting t 1.0 acre (App 1.0 acre (App 1.0 acre (App	pH 	listillery ers. Para BOD (mg/l) -	is taken imeters COD (mg/l) -	TSS (mg/l) -
11. (I) 1 1. 2. 3. 4.	Effluent collection locations & analysis results (if collected) (No Sample) Information regarding Bio-comp Active area for bio compos preparation (m ²) Area for press mud storage (m ²) Area for bio compost storage (m ²) Spent wash storage capacity	the effluent or compost yard b Locations Outlet Others osting t 1.0 acre (App 1.0 acre (App 1.0 acre (App Approx. 20 c	pH 	listillery ers. Para BOD (mg/l) -	is taken imeters COD (mg/l) -	TSS (mg/l) -
11. (I) 1 1. 2. 3. 4. 5.	Effluent collection locations & analysis results (if collected) (No Sample) (No Sample) (No Sample) (No Sample) (Information regarding Bio-comp Active area for bio compose preparation (m ²) (Area for press mud storage (m ²) (Area for press mud storage (m ²) (Spent wash storage capacity (Availability of pressmud	the effluent o compost yard b Locations Outlet Others osting t 1.0 acre (App 1.0 acre (App 1.0 acre (App Approx. 20 c From own su	pH - - prox.) prox.) prox.) days	listillery ers. Para BOD (mg/l) -	is taken imeters COD (mg/l) -	TSS (mg/l) -
11. (I) 1 1. 2. 3. 4. 5. 6.	Effluent collection locations & analysis results (if collected) (No Sample) (No Sample) (No Sample) (Information regarding Bio-comp Active area for bio compose preparation (m ²) Area for press mud storage (m ²) Area for press mud storage (m ²) Area for bio compost storage (m ²) Spent wash storage capacity Availability of pressmud Quantity of compost prepared	the effluent o compost yard b Locations Outlet Others osting t 1.0 acre (App 1.0 acre (App 1.0 acre (Ap Approx. 20 c From own su 5500 MT/An	pH - - prox.) prox.) prox.) days ugar mill num (Ap	histillery ers. Para BOD (mg/l) - -	is taken imeters COD (mg/l) -	TSS (mg/l) -
11. (I) 1 1. 2. 3. 4. 5. 6.	Effluent collection locations & analysis results (if collected) (No Sample) (No Sample) (No Sample) (Information regarding Bio-comp Active area for bio compose preparation (m ²) Area for press mud storage (m ²) Area for press mud storage (m ²) Area for bio compost storage (m ²) Spent wash storage capacity Availability of pressmud Quantity of compost prepared (Monthly statement of last year)	the effluent o compost yard b Locations Outlet Others osting t 1.0 acre (App 1.0 acre (App 1.0 acre (Ap Approx. 20 c From own su 5500 MT/An	pH - - prox.) prox.) days ugar mill num (Ap	istillery ers. Para BOD (mg/l) - -	is taken imeters COD (mg/l) -	TSS (mg/l) -

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8.	Details of wind roses (Number,	Wind roses 20-25 No./ cycle & 100mx1.5mx3m
	length, height, width of stacking,	in dimension at spacing of 2-3 meters.
	space between two wind rose)	
9	Quantity of Effluent being used for	130-170 KLD approx
5.	$composition (m^3/day)$	
	Composing (m /day) :	Approx 3500-4000 MT
10.	Quantity of press mud being used	
	for one cycle	
11.	Maturity time in days for one cycle	60 days
12.	Arrangement for rainy season	Storage not provided.
13.	Quality of ground water in the	_
	area and depth of ground water	
	table	v
	Information regarding Ferti-irrig	ation N/A
1.	Details of treatment of spent wash	-
	(details of bio methanisation,	
	primary and secondary treatment)	
2.	Command area for irrigation	-
	(available land area)	
3.	System for dilution of treated	-
	effluent required for ferti-irrigation	
4.	System of transportation of	-
	treated effluent upto field.	
5.	Formal agreements with farmers	-
	for using treated effluent	
6.	Storage facility available for	-
	treated effluent during low	
	demand period	•.
7.	Quality of effluent being used for	-
	rerti-irrigation	-
8.	Bollution and its Control	
	Sources of Air Pollution	Boiler
2	> Type of Fuel used with	Bio-gas approx. 14400 cum/day
2.	consumption	Bagasse approx. 40 MT/Day
3.	> Stack details	Stack height >30 mtrs.
4.	> APCS details	1. Twin cyclone
		2.
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-> Municipal main sewer/Nalla ---Discharge to River Yamuna via line -

seasonal drain.

1	Name of officials inspecting	Name & Designations	Signature
		Sh. Suneel Dave, Sc 'D', CPCB	Jank 08/09/2014
		Sh. Vivek Roy, R.O UPPCB, Muzaffarnagar.	V. wb 16 2/14
		Sh. Yogender, UPPCB, Muzaffarnagar.	08/9/14
		Sh. Azad Singh, RA-1, CPCB	0 gral 2
2	Date of repo Submission	t	08/09/20

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Joint Inspection Report

Sugar & Distillery Industries

Saharanpur Distt. U.P

Hon'ble Tribunal directed CPCB & UPPCB to carry out the Joint Inspection of the Sugar and Distilleries Industries operating and discharging the effluent in Rivers Ganga and Yamuna.

In this view, team of CPCB & UPPCB comprises of following officials visited the Sugar & Distillery Industries in Saharanpur areas:

Team from CPCB, Delhi	Team from UPPCB
Sh. Sharandeep Singh, Scientist 'C'	Sh. Rajiv, Regional Officer, Saharanpur Distt
Dr. Ishaq Ahmad ,RA-I	Sh. A.K Mishra , SA, Saharanpur

The following Industries were inspected by the above team between 2nd September, 2014 & 3rd September, 2014

S.No	Units Visited	Industrial Detail
1	M/s Kissan Cooperative Sugar Factory Ltd, Sarsawa	Annexure -I
2	M/s Pilakhni Distillery & Chemical Works, Pilakhni, Saharanpur	Annexure -II
3	M/s U.P Cooperative Sugar Factory Federation, Nanautaa Distillery Unit, Nanautaa	Annexure –III
4	M/sThe Kisan Sahkari Chini Mill,Nanauta, Saharanpur	Annexure –IV
5	M/s Triveni Engg & Industries Ltd (Sugar Unit) –Deoband, Distt Saharanpur	Annexure –V
6	M/s Bajaj Hindusthan Ltd.Unit Gangnauli (Distillery Unit) ,Saharanpur	Annexure –VIA
7	M/s Bajaj Hindusthan Ltd.Unit Gangnauli (Sugar Unit) ,Saharanpur	Annexure –VIB

Overall Observations:

1. All the Plants were found closed during inspection

2. There was no production process going on during the period of inspection.

3. In all the above industries Effluent Treatment Plant. were not operational

(Sharandeep Singh)

(Rajiv)

Regional Officer Saharanpur, (UPPCB)

Scientist "C"

CPCB, Delhi

and

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CENTRAL POLLUTION CONTROL BOARD **NGRBA** Cell Joint inspection Report: Sugar

02/9/14. Date of Inspection: A: General Information Name of the unit and address 1. Kison Cooperative Bugar factory 14d Sazzawa (Scharanpus, U.P Sn Sako Saraf 2. Name of the Proprietor/ Contact person - Designation . Contact NO - 01331 -244235 Contact No. 3. Year of Commissioning. NO11 1962 4. Cooperative/Public/Private Sector 5. Product - Sugar Installed Capacity at Prevent-= 2750 TCD Production details. Products • Installed Prod. Cap • Operating capacity Cane crushing capacity 6. 2750 Ton Cane Chiebed Per Day 2992915:57 Otto in Chishing Season 2013-14 7. Cane crushed last year Molasses generation Tolae Mol Produk = 157374 8. Season Season Press Mud generation 9. 118/00 015 during Season2013.14 10. Operational status 1. Operating Non operational due rainy season
 Closed by direction off Season 4. Closed by own **B: Water Pollution and its Control:** 1. Water Supply Source(s) 1. OWN Tubewell. Appo 4250 Kulday Industrial Water Consumption (KLD) Dyring Chisting Domestic Appa 197 Kilday 2. Water Meter to show consumption Available / Not available -3. Flow measuring device installed at Available / Not available V Notch . outiet of ETP

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4	Wacto Min	-				
	(before treatment)) 9 00 1	hazi -	1.		· · · · · · · · · · · · · · · · · · ·
	> Industriai	SUCI	10/0	ing		
	> Domestic	1	ppo			
	Waste Water treatment capacit	/	. ?	1 1		
1	> Industrial	120	r M-3	1 den	-/	
	> Domestic				,	
6.	Details of ETP					
	BIP Description with flow	Eß	Cluss.	ed f	lere ETP	
	> Details of Reverse Osmosia			í l'	6-11	
1	plant, if any					
	 Details of Multi Effect Evaporator, if any 					
7.	Waste water discharged (after					
	treatment)(KLD)	11 Sed	In	irrid	iehia.	
	> Industrial	RR	crict			et
8.	Mode of disposal of tracted of	1 7				ſ
	(Details)	On land/ Sur	face wat	ter		
9.	Sample dictributed it	etro-On Ka	nd an	e per	cyclie	\$
	parts (2/3)	-				
10	Sludgo diana l	· ·				:
1 - 0.	Siddye ulsposal mode	111.5	in the			
11	Effluent	Uled a	s fre	mare	for fa	whites -
11.	Effluent collection locations &	Uled a	s Ma	Para	ter for meters	irmiess-
11.	Effluent collection locations & analysis results (if collected)	ULed C. Locations	s Алс рн	Para BOD	for for meters COD	TSS
11.	Effluent collection locations & analysis results (if collected)	ULED C. Locations	s Алс рн	Para BOD (mg/l)	meters COD (mg/l)	TSS (mg/1)
11.	Effluent collection locations & analysis results (if collected)	ULEd C. Locations Outlet	s Ме рн	Para BOD (mg/l)	for fa meters COD (mg/i)	TSS (mg/1)
11.	Effluent collection locations & analysis results (if collected)	ULed C Locations Outlet Others	s Ме	Para BOD (mg/l)	meters COD (mg/l)	TSS (mg/I)
(I)	Effluent collection locations & analysis results (if collected)	ULed C) Locations Outlet Others	s Але рн	Para BOD (mg/l)	for fa meters COD (mg/l)	TSS (mg/l)
(I) 11.	Effluent collection locations & analysis results (if collected) Information regarding Ferti-irriga Details of treatment effluent before	ULed C Locations Outlet Others	s Алс	Para BOD (mg/i)	ter fa meters COD (mg/l)	TSS (mg/l)
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11. (I) 1. 2. 3. 4.	Effluent collection locations & analysis results (if collected) Information regarding Ferti-irriga Details of treatment effluent before Ferti-irrigation Command area for irrigation (available land area) System for dilution of treated effluent required for ferti-irrigation System of transportation of treated effluent upto field.	ULed Q Locations Outlet Others tion	рн	Para BOD (mg/l)	for fa	TSS (mg/!)
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6.	Storage facility available for	Trecolor water Annals
	treated effluent during low demand	Documere installed
	period	
7.	Quality of effluent being used for ferti-irrigation	
8.	Ground water monitoring network	(Available /Not available)
C: /	Air Pollution and its Control	
1.	Sources of Air Pollution	BOLEV'S.
2.	Type of Fuel used with consumption	L. Bagasse.
3.	> Stack details	Chimney 1 - Hight = 30 Mi 2 - " = 20 Mi
4.	> APCS details	1. WelsCrubba take installe
		2. In both Stack
		3.
		4.
5	Samples collections points	
5.	(if collected)	(mg/nm):
		NOT LOULEDFO -
Ph	otographs indicating locations:	
Ph	otographs indicating locations:	
Ph	otographs indicating locations:	
Ph 3.2	otographs indicating locations:	
Ph 3.2	otographs indicating locations:	wed
Ph 3.2	otographs indicating locations:	selvered
Ph	otographs indicating locations:	eveloped
Ph	otographs indicating locations:	englowed
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Ph 3.2	otographs indicating locations:	endurad
Ph 3.2	ba.cpcb@gmail.com Sugar Format modified conside	endlowed ring NGI directions

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ngrba.cpcb@gmail.com Sugar Format modified considering NGT directions



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Annexure-II

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CENTRAL POLLUTION CONTROL BOARD NGRBA Cell Joint inspection Report: Distillery

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Date of Inspection: ______

A: (Seneral Information	
1	Name of the welt	
1.	Name of the unit and address	Pilkhami Distillery & chemic
		works, Piklahani
2,	Name of the Proprietor/ Contact person - Designation	Sh. R.B. Singh (Vice - Predident)
	Contact No.	04 568 994 989
3.	Year of Commissioning.	19 59 111 808
4,	Sector	
5.	Production details.	Cooperative/Public/Private Private
	Products	Dect Hed whisit
	 Installed Prod. Cap. 	TLOUION
	 Consented Prod. Cap 	20-0-1-1-1-1-
<i>c</i>	 Restricted Prod. Cap. 	
6.	Raw materials & their requirement	Molano, ISOMT/day
7.	Operational statue	and many and the second s
		1. Operating No
		3 Closed Buddenational due rainy season yes
		4. Closed by our No
8: W	ater Pollution and its Control	No
1.	Water Supply Source	
		Deep Tubewell
	Water Consumption (KLD)	Industrial 835 KLPD
		Domestic 20KLPD
	Water Meter to show consumption	Available / Not available Available
s.	Flow measuring device installed at outlet of ETP	Available / Not available zero discharge
4. \	Waste Water generation (KLD)	
	(before treatment)	MIL WLT D
	> industrial	432-10-12
i.	Waste Water treatmont	14 KLPD to Bio-composti
	(KLD)	432 KUPD
	> Industrial	432 KLPD
	> Domestic	Miles an in Dimension
	and the second	TIMUND TO MO- comporti

ngrba.cpcb@gmail.com Distillery Format modified considering NGT directions

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6	Datally of FTD	
α.	 ETP Description with flow diagram 	8345 m ³ (Bio-digestro) Row Dia granne (Harland
ļ	 Details of Reverse Osmosis plant, if any Details 	360 KLPD
	Evaporator, if any	NA.
7,	Waste water discharged (after treatment)(KLD) > Industrial Domestic	152 KLPD
8,	Mode of disposal of treated effluent (Details)	On land/ Surface water Achieving zere discharge
9.	Sample distributed into no. of parts (2/3)	Plant Mored & no effluent avail
10.	Studge disposal mode	Bio-comporting.
11.	Effluent collection locations & analysis results (if collected)	Locations Parameters PH BOD COD TSS
	Plant cloved since April - 2013, Presently up	(mg/l) (mg/l) (mg/l) Outlet N
	effluent available	Others
(I) I	Information regarding Bio-compos	iting
1.	Active area for bio compost preparation (m ²)	S.71 Acres
2.	Area for press mud storage (m ²)	0.60 Arres
3.	Area for bio compost storage (m ²)	ossi Aeres
4.	Spent wash storage capacity	for 30 days
5.	Availability of pressmud	Available as per requiremen
6.	Quantity of compost prepared (Monthly statement of last year)	390.0m.T (As pur last y
7,	Quantity of pressmen procured (Monthly statement)	NIL, fince plant not in objections!
8.	Details of wind roses (Number, length, height, width of stacking, space between two wind rose)	7Nos, 84 mtr, 1.25 mtr & 3.0 mtr 1.5 mtr - 3.0 mtr for maning Area tiller
9.	Quantity of Effluent being used for	S6.8 m3 / days (As her last

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10. Quarity of press mud being used for one cycle Av. 9 bomt / cycle 11. Maturity time in days for one cycle 60 days 12. Arrangement for reiny season and depth of ground water in the area and depth of ground water table Chronick Atladie for Gile, Tamprieme Meath 4 13. Quality of ground water table Chronick Atladie for Gile, Tamprieme Meath 4 14. Details of treatment of spent wash (details of the attrached) Fartheringation 12. Command area for infigation (available land area) Arrangement wath farmers for using treated effluent 2. System of transportation of treated effluent upot field. Available for treated effluent during low demand period 3. System for Freiti-trigation Available for treated effluent during low demand period 7. Quality of effluent being used for fecti-trigation Available /Not available) 1. Sources of Air Pollution Available /Not available) 2. Type of Fuel used with consumption Area & Bagane 3. > Stack details H= Ht:Smetr, Aix = 1:68 mtr 4. > APCS details 1. 5. Samples collections points (if collected) PM (mg/Nm ¹): Planut cubred).			3 - 1 geographic - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -
for one cycle Av. 9 bomt / cycle 11. Maturity time in days for one cycle 60 days 12. Arrangement for reiny season covered Ahode for Bic, Tampetere About for Bic, Bic, Tampetere About for Bic, Tampe	10	. Quantity of press mud being used	d
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12. Arrangement for rainy season covered Anode for Gic. Tapprise Aloge for Gic. Tapprise for Gic. Tapprise Aloge for Gic. Tapprise for Gic. Tapprise for Aloge for Gic. Tapprise fo	11	. Maturity time in days for one cycle	A served with the server
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and depth of ground water table Analysis Auport attached (II) Information regarding Ferti-irrigation Chornal water table attached 1. Details of treatment of spent wash (details of treatment of spent wash (details of the methanisation, primary and secondary treatment) Command area for irrigation 2. Command area for irrigation (available land area) If the methanisation, primary and secondary treatment) 3. System for dilution of treated effluent required for ferti-irrigation If the primary and secondary treatment 4. System for dilution of treated effluent upto field. If the primary available for treated effluent during low demand period 7. Quality of effluent being used for fert-irrigation Available /Not available) 1. Sources of Air Pollution Available /Not available) 2. Yipe of Fuel used with consumption Sio-gao & Bagane 3. > Stack details I= 41:Simtr, dia = 1:68 mtr 4. > APCS details I= 2. 3. 3. 4. 4. 5. Samples collections points 5. Samples collections points (if collected) PM (mg/Nm ³): Chored.	13	· Quality of ground water in the	covered shade for B/c, Tanpolene sheet +
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treated effluent during low demand period 7. Quality of effluent being used for ferti-irrigation 8. Ground water monitoring network (Available /Not available) C: Air Pollution and its Control (Available /Not available) 1. Sources of Air Pollution Stack of Boiler 900 Nm² / hr , 2:0mr / hm 2. > Type of Fuel used with consumption Stock of Bogane 3. > Stack details H = 41:Smtr , dix = 1:68 mtr 4. > APCS details 1. 2. 4. 5. Samples collections points (if collected) PM (mg/Nm³): Planet closed.	5.	Storage facility available for	
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3. 4. 5. Samples collections points PM (mg/Nm ³): (if collected) Planet closed.			2. Mutte effect dust
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(if collected) PM (mg/Nm ³): Plant closed.	5		
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Planet closed.		(in conected)	- 1919년 개월
			Planet closed.
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ngrba.cpcb@gmail.com Distillery Format modified considering NGT directions

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CENTRAL POLLUTION CONTROL BOARD NGRBA Cell Joint inspection Report: Distillery

		Date of Inspection:
A: (General Information	
1.	Name of the unit and address	U.P. Cooperative Sugar Funtaria
		Foderadon 121 March
		National Init of the
		Schargenbur
2.	Name of the Proprietor/ Contact	Sh. D.C. Gubtu, General Manautr
.	person – Designation Contact No.	sh. G. C. Sharma, Alstillery Manuser -0336
3.	Year of Commissioning.	1985-86
4.	Sector	Cooperative/Public/Private
5.	Production details.	Pac Flied Spirit
	Products	2-ki ha Agu
	Installed Prod. Cap. Consented Prod. Cap.	sout put put
	Restricted Prod. Cap.	
6.	Raw materials & their requirement	Molasses, 16482=20MT (2013-14)
7.	Operational status	 Operating Non operational due rainy season Closed by direction Closed by own
B: 1	Nater Pollution and its Control:	
1.	Water Supply Source	Tube well
	Water Consumption (KLD)	Industrial 2800 KL Day
		Domestic 100 KL / Day
2.	Water Meter to show consumption	Available / Not available
3.	Flow measuring device installed at outlet of ETP	Available / Not available
4.	Waste Water generation (KLD)	
ų	(before treatment)	450K2/Duy
	> Industrial	100 Ks/ Day
5	Waste Water treatment canacity	
J.	(KLD)	he to the second s
	> Industrial	450ac/ Day
	> Domestic	100 KL/Day

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5	an terster an and a strategy and a s	2			•	
	 Details of ETP ETP Description with flow diagram Details of Reverse Osmosis plant, if any Details of Multi Effect Evaporator, if any 	H A .				
	Waste water discharged (after treatment)(KLD) > Industrial Domestic Mode of disposal of treated effluent (Datails)	Zero- d	ace wat	ye [.]		1
).	Sample distributed into no. of parts (2/3)	lised in	biod	omport	ing	
11.	Effluent collection locations & analysis results (if collected)	Locations	рн	Parat BOD (mg/l)	neters COD (mg/l)	
	the second bio-compo	Others				
1.	Active area for bio composi	7.5	acre			
	preparation (m ²)					
2.	preparation (m ²) Area for press mud storage (m ²)	0.1	<u>30 al</u>	YC		1
2.	preparation (m ²) Area for press mud storage (m ²) Area for bio compost storage (m ²)	01	30 al	re re		
2.	preparation (m ²) Area for press mud storage (m ²) Area for bio compost storage (m ²) Spent wash storage capacity	0	30 ac 20 ac 000 k	re .1. 1.7.		
2. 3. 4. 5. 6	preparation (m ²) Area for press mud storage (m ²) Area for bio compost storage (m ²) Spent wash storage capacity Availability of pressmud Quantity of compost prepared (Monthly statement of last year)	0 0 20 23 90	30 ac 20 ac 000 k 5000 N NO M.	re .1. 1.T. T. (201	3-143	
2. 3. 4. 5. 6. 7	preparation (m ²) Area for press mud storage (m ²) Area for bio compost storage (m ²) Spent wash storage capacity Availability of pressmud Quantity of compost prepared (Monthly statement of last year) Quantity of pressmen procure (Monthly statement)	0 20 23 90 ed -	30 ac 20 ac 000 k 5000 h NO M.	re re 1. 1. T. (201	3-14J	2. Cmbr
2. 3. 4. 5. 6. 7	preparation (m ²) Area for press mud storage (m ²) Area for bio compost storage (m ²) Spent wash storage capacity Availability of pressmud Quantity of compost prepared (Monthly statement of last year) Quantity of pressmen procure (Monthly statement) Details of wind roses (Number length, height, width of stacking space between two wind rose)	0 20 20 20 20 90 ed er, 40, 6 Spuc	30 ac 20 ac 20 ac 20 ac 20 ac 5000 M - 90.0 M e 250	re ire 1. 1. T. (201 Ht., 1.00 pomtr.	3-14J Mfr. , ,	2-5mtr.
2. 3. 4. 5. 6. 7	preparation (m ²) Area for press mud storage (m ²) Area for bio compost storage (m ²) Spent wash storage capacity Availability of pressmud Quantity of compost prepared (Monthly statement of last year) Quantity of pressmen procure (Monthly statement) Details of wind roses (Number length, height, width of stackin space between two wind rose) Quantity of Effluent being used composting (m ³ /day) :	ed -	30 ac 20 ac 20 ac 20 ac 20 ac 50 M 90.0 M 90.0 M 90.0 M	re re 1. 1. T. T. C201 Ht., 1.00 pomtr. Dany	3-14J Mfr. ,	2-Smfr.

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		3
10.	Quantity of press mud being used for one cycle	440020 MT.
11.	Maturity time in days for one cycle	45 Days.
12.	Arrangement for rainy season	Productional R.S. Stopped.
13.	Quality of ground water in the area	
	and depth of ground water table	
(11)	Information regarding Ferti-irrig	ation $\mathcal{U} \cdot \mathcal{A}$.
1.	Details of treatment of spent wash	
	(details of bio methanisation,	
	primary and secondary treatment)	
2.	Command area for irrigation	
	(available land area)	
3.	System for dilution of treated	
	effluent required for ferti-irrigation	
4,	System of transportation of treated	
	effluent upto field.	
5.	Formal agreements with farmers	
	for using treated effluent	
6.	Storage facility available for	
-	treated effluent during low demand	
	neriod	
7.	Ouglity of effluent being used for	
	ferti-irrigation	in the second seco
8.	Ground water monitoring network	(Available /Not available)
C: A	ir Pollution and its Control	
1.	Sources of Air Pollution	s.o Top per th. Bailer.
2.	> Type of Fuel used with	Baynote of Rico hush
	consumption	
3.	Stack details	30.0 WK. Hladd multiculdone
4.	> APCS details	1. Multicyclone, 24 ms.
		2.
		3.
5+	Samples collections points	PM (mg/Nm ³): μ. Δ.
	(if collected)	
	and an	and and a second state and a second and a second state and a second state of the second state and the second state and a second state a second state and a second state a second

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Annexure

CDCD CENTRAL POLLUTION CONTROL BOARD NGRBA Cell Joint Inspection Report: Sugar

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Date of Inspection: 219114

	<u>A: G</u>	eneral Information	
	1.	Name of the unit and address	RECAND ALLON DE DOUL
			ALLAN SHHICHKI CHINI MILL LD
			NANAUTA, SAHARANPUR
		٨,	01336-254264
			254255
	2.	Name of the Proprietory Contract	0100
		Person - Designation	Charlman D. m. Saharanbur
		Contact No.	4 eneral Manager Chief Chemst-
	3.	Year of Commissioning	9912873578
	4.	Sector	1979-1980
	5.	Production details	Cooperative/Public/Private
		 Products 	Sugar
		 Installed Prod. Cap 	500 Time Com clush Days
		 Operating capacity 	
	G		Sout Tone Care elun Day
	ο.	cane crushing capacity (expanded)	5000 Tone /Day
	7.	Cane crushed last year	EP las Tours
			So have this
	8.	Molasses generation	
			D. 2. 78 La Tome S. S.J. ori Cane
	0		
,	9.	Press Mud generation	0.22 lactores: 3.5%. on Cane!
	10.	Operational status	1 Operating
			2. Non operational due rainy season
			3. Closed by direction
			4. Closed by own
	B: N	later Pollution and its Control:	
	1.	Water Supply Source(s)	1. The well
			1 July well
		Water Consumption (KLD)	Industrial 0.255 m ³ /dam
		(KLD)	y 200 m Jacky
			Domestic R50 m ³ /day
	da e	Water Meter to show consumption	Available / Not available
Ì	3	Flow monsuring david	
		outlet of ETP	Available / Not available V Nrch
L.		JOGUCE OF LIF	

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 4. Waste Water generation (KLD) (before treatment) > Industrial > Domestic 5. Waste Water treatment capacity (KLD) > Industrial > Domestic 6. Details of ETP > ETP Description with flow diagram 			
 5. Waste Water treatment capacity (KLD) > Industrial > Domestic 6. Details of ETP > ETP Description with flow Alfached 		a y gir.clay. yre alef-ra ann e maand	
 6. Details of ETP > ETP Description with flow Attached diagram 			
 Details of Reverse Osmosis plant, if any Details of Multi Effect Quentaple Elf- Evaporator, if any Boily House. 	I- ENape	taln d	_f-
7. Waste water discharged (after treatment)(KLD) > Industrial Domestic			
8. Mode of disposal of treated effluent On land/ Surface w (Details)	t On land/ Surface water		
9. Sample distributed into no. of 2-3 parts (2/3)		,	
10. Sludge disposal mode Used as man	ure		
11. Effluent collection locations & Locations analysis results (if collected)	Para BOD	coD	TSS
Outlet 7.3	(mg/l) し スタ	<u>(mg/l)</u> スリク	(mg/1 20
Others			
(1) Information regarding Ferti-irrigation			
1. Details of treatment effluent before Ferti-irrigation			
2. Command area for irrigation		9999 - Allaham II 900 - Anna - 984 Allah I	PP NP 1 P and thick a second
(available land area)			
3. System for dilution of treated			
effluent required for ferti-irrigation			
effluent required for ferti-irrigation4.System of transportation of treated effluent upto field.Though dia	ens		

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6.	Storage facility available for	, N/) Ø
	period	
7.	Quality of effluent being used for ferti-irrigation	treated
8.	Ground water monitoring network	(Available /Not available)
C: /	Air Pollution and its Control	
1.	Sources of Air Pollution	
۷.	Type of Fuel used with consumption	Bagasle 30 - 221. On Cane
3.	Stack details	Reegin-30 Mil Calh
4.	> APCS details	1. Labet Scrubber
		2.
		3.
		4.
5,	Samples collections paints	
	(if collected)	(mg/Nm ³):
		2 115:74
		3927.00
Pho	stographs indicating locations:	
3.2	// _マ つ つバ	
5.2	X3.2	
		o A
		June
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		to deva
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1	Name of officials inspecting	Name & Designations	Signature
		Sh. Kay'i, RU	lajin
		Sh. Shavancleep Singh !	havenbleck
		Sh. A.K. Mishra,	AM
2	Date of report Submission		n da na ann ann ann ann ann ann ann ann

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CDC CENTRAL POLLUTION CONTROL BOARD NGRBA Cell Joint inspection Report: Sugar

Date of Inspection: 02-09-2014

A: G	eneral Information	6
1.	Name of the unit and address	TRIVENI ENGLY OF IND. LTD
		SUGAO UNIT- DEOBAND
		COURSON PUR - U.P
		54H4RAHNIVA = 0 942554
2.	Name of the Proprietor/ Contact person - Designation	SH. DEENA NATH MISHRA CVICE PRESIDENT)
	Contact No.	01336-222185, 222497, 222866
<u>ح.</u>	Year of Commissioning.	1933
4.	Sector	Cooperative/Public/Private
5.	 Production details. Products Installed Prod. Cap Operating capacity 	SUGAR 14000 TCD 9000 TCD
6.	Cane crushing capacity	14000 TCD
7.	Cane crushed last year	8040722.65 QHs
8.	Molasses generation	429545 QTLS
9.	Press Mud generation	457262.91 QTLS
10.	Operational status	1. Operating 2. Non operational due rainy season (off-56 3. Closed by direction 4. Closed by own
B: V	Vater Pollution and its Control:	
1.	Water Supply Source(s)	1. GROUND WATER
	Water Consumption (KLD)	Industrial APRIL 2014 CONSUMPTION Domestic REPORT IS ATTACHED
2.	Water Meter to show consumption	Available / Not available Available
3.	Flow measuring device installed at	t Available / Not available //- NoTCH

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4.	Waste Water generation (KLD) (before treatment)	12.00	KLD			
1	> Industrial		,			
5.	Waste Water treatment capacity (KLD) > Industrial > Domestic	2592 KLD				
6.	Details of ETP > ETP Description with flow diagram	FLOH E) IAGRE	₩ A-7	TACHED	
	 Details of Reverse Osmosis plant, if any Details of Multi Effect Evaporator, if any 				ı	
7.	Waste water discharged (after treatment)(KLD) ≻ Industrial Domestic	1120 KLD .				
8.	Mode of disposal of treated effluent (Details)	On land/ Surfa	ice wate	er		
9.	Sample distributed into no. of parts (2/3)					
10.	Sludge disposal mode	SLUDGE	DRYI	NG BE	D	
11.	Effluent collection locations &	Locations	Parameters			
	analysis results (if collected)		рН	BOD (mg/l)	COD (mg/l)	TSS (mg/l)
	RESOLTS ARE AF PER TEST	Outlet	7.4	26	118	132
	REPORT OF 16.12.2013	Others				
(I)	Information regarding Ferti-irriga	L ation				·
1.	Details of treatment effluent before			, an de mark herren de de arren a lat me		
	Ferti-Irrigation	· · · ·	•			
2.	Command area for irrigation		n para a daga ngkang kara da kadi s			
	(available land area)					
3.	System for dilution of treated	1. · · · · · · · · · · · · · · · · · · ·				
	effluent required for ferti-irrigation					
4.	System of transportation of treated	· · · · · · · · · · · · · · · · · · ·	· · · ·	N	· · ·	
	effluent upto field.	TARD	UGH	DRAW	22	
5.	Formal agreements with farmers		· · ·			
	for using treated effluent		· · ·			

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		 J	865
. (6. Storage facility available for		j
	treated effluent during low demand period	YES	
	7. Quality of effluent being used for ferti-irrigation		
	5. Ground water monitoring network	(Available /Not available) AVAILABLE	
ku I I I I I I I I I I I I I I I I I I I	C: Air Pollution and its Control	BOILEN	
	2. ≻ Type of Fuel used with consumption	D QD QD (D) 20TPH 28TTPH GSTPH 40TPH 20TPH BAGASSE	
1	3. > Stack details (HEIGHT IN ATRA)	30.5 30.5 40.0 40.0 30.5	
	4. > APCS details	1. WET SCRUBBER	
		2. WET SCRUBBER	
		3. WET SCRUBBER	
		4. WET SCRUBBER	
	5. Samples collections points (if collected)	PM (mg/Nm ²) /44	
τ	SAMPLE COLLECTED ON 16.12.13	5	
	1		
	3.2″ x3.2″	, sud	
	Richard		
n da serie de la compañía de series de la compañía de series de series de la compañía de series de series de s			
			••
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	Altre Altre	(R.K. Mittal) Dy.G.M. (Mittal) TELL - Deoband	
•••	Forcal or p- 12 of))	

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1	Name of official inspecting	S	Name & Designations	Signature
			Sh. Lajw, RO	la ju
	-	-	Sh. SharandeepSirph	Sharember
			Sh. A.K Mishva	Alin
				T BY
2	Date of Submission	report		

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CENTRAL POLLUTION CONTROL BOARD NGRBA Cell Joint inspection Report: Distillery

Date of Inspection:

A: G	eneral Information		
1.	Name of the unit and address	Bajai Mundusthian (Jel Unit: Gaugusuli to Tanst 1913) - Sala renorman (J.P. 2477 ST)	. K
2.	Name of the Proprietor/ Contact person – Designation Contact No.	V. F. Galdalet, Jude Hart 2 Nr. Gredatlet, Jude Hart 01236-2353, K. 2009	
<u>э</u> .	Center	Cooperative/Public/Private	
4.	 Sector Production details. Products Installed Prod. Cap. Consented Prod. Cap Restricted Prod. Cap. 	Rechfied spinit Abseluit direit	
6.	Raw materials & their requirement	Mobasses, there any any	
7.	Operational status	 Operating Non operational due rainy season Closed by direction Closed by own 	
R.V	Nater Pollution and its Control:	1	
1.	Water Supply Source	Tabe Well	
	Water Consumption (KLD)	Industrial 2900 KAL	
		Domestic 22 March	
2.	Water Meter to show consumption	Available / Not available	
3.	Flow measuring device installed at outlet of ETP	Available / Not available V . Maded	
4.	Waste Water generation (KLD) (before treatment) > Industrial > Domestic	BOOKLO IOKID	
5.	Waste Water treatment capacity (KLD) > Industrial > Domestic	g sok - D C are manually	

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Storadeet Lager

2 Althouse black and Details of ETP 6. > ETP Description with flow 1.3 diagram But coupor size : they Details of Reverse Osmosis plant, if any > Details of Multi Effect Cluc Box Experiation a and word Evaporator, if any HAR AR THERE IN HORE 7. Waste water discharged (after treatment)(KLD) s Elas Onterna Elastar Astar a 100 00 > Industrial ZEU LINA Domestic Mode of disposal of treated effluent | On land/ Surface water 8. (Details) 9. Sample distributed into no. of parts (2/3)10. Lested in Bit Campost Sludge disposal mode 11. Effluent collection locations & Locations Parameters analysis results (if collected)
 BOD
 COD
 TSS

 (mg/l)
 (mg/l)
 (mg/l)
 рН Outlet Others (I) Information regarding Bio-composting Active area for bio compost 1. 20 0000 preparation (m^2) 2. Area for press mud storage (m^2) $\mathcal{L}\mathcal{L} \neq \mathcal{C}$ Area for bio compost storage (m²) 3, 5.6 ar. 2 4, Spent wash storage capacity 5 7200 CV-> 5, Availability of pressmud 1 181.14 S. S. 6. Quantity of compost prepared (Monthly statement of last year) 7. Quantity of pressmen procured E. W. C. Cont (Monthly statement) S. Mak Details of wind roses (Number, 8. ₹C DA length, height, width of stacking, γ and ω space between two wind rose) 9. Quantity of Effluent being used for At Strange 1 and composting (m^3/day) :

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3 155255 MT 10. Quantity of press mud being used for one cycle 11. Sonso day Maturity time in days for one cycle Removed trans videol stock & north 12. Arrangement for rainy season 13. Quality of ground water in the area Analysis Report Altachad and depth of ground water table (II) Information regarding Ferti-irrigation 1. Details of treatment of spent wash (details of bio methanisation, primary and secondary treatment) Command area for irrigation 2. (available land area) 3. System for dilution of treated effluent required for ferti-irrigation 4. System of transportation of treated effluent upto field. 5. Formal agreements with farmers for using treated effluent 6. Storage facility available for treated effluent during low demand period 7. Quality of effluent being used for ferti-irrigation Ground water monitoring network (Available /Not available) 8. **C: Air Pollution and its Control** REARCE (UN-F) Bailer Stack Linstalled at Sources of Air Pollution 1. > Type of Fuel used 2. with Bagasse and Biogan consumption ()65 milt physical: REC Mode, 3. Stack details S.SWIR dia 4. > APCS details NY S. type we 1. 1 ptely Stable 1 2. 3. 4. 5. Samples collections points **PM** (mg/Nm^3) : (if collected)

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1	Name of officials inspecting	Name & Designations	Signature
		Sh. Rajiv, RO.	laju
		Sh. Shamandeep Singh, Sc'c'	Charallere
		Sh. A.K. Mishra,	+Dan
2	Date of report Submission		

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CENTRAL POLLUTION CONTROL BOARD NGRBA Cell

Joint inspection Report: Sugar

Date of Inspection:

	Name of the unit and address	C
÷ :	Nome of the unit and address	nga ng mananana ang taong ang ang Ng Shi Agga bala di Panananan Ng Shi Ng Ng Ng Ng Ng Ng
2.	Name of the Proprietor/ Contact person - Designation Contact No	Und-Head Dist-Head Dist-Head
3,	Year of Commissioning.	Cataly 2002
4.	Sector	Cooperative/Public/Private
5.	Production details. Products Installed Prod. Cap Operating capacity	
6.	Cane crushing capacity	gray dietset≱
7.	Cane crushed last year	4.9.54·23-전 (185)
8.	Molasses generation	21926-1980
9,	Press Mud generation	
10.	Operational status	1. Operating 2. Non operational due rainy season 3. Closed by direction 24. Closed by own
B: 1	Water Pollution and its Control:	
1.	Water Supply Source(s)	1. The well
	Water Consumption (KLD)	Industrial Scool
		Dornestic
	Water Meter to show consumption	Available / Not available
3.	Flow measuring device installed at outlet of ETP	t Available / Not available / Second Second

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Waste Water generation (KLD) 4. (before treatment) 3 » Industrial 25 (20) > Domestic Waste Water treatment capacity 5. (KLD) ISBC VILL STR > Industrial Septhe Fank & Seall of ➤ Domestic had severe of several as Details of ETP 6 > ETP Description with flow prinder a galas diagram saccord and the > Details of Reverse Osmosis and sand when the plant, if any acd C Herson Mr Effect > Details of Multi Evaporator, if any Waste water discharged (after 7, Treatment opphases to the kyrt. augl used on the opphase treatment)(KLD) > Industrial Domestic On land/ Surface water Record Mode of disposal of treated effluent 8. and used in impact (Details) Sample distributed into no. of 9. parts (2/3)(sec. Court restances 10. Sludge disposal mode Parameters & Locations Effluent collection locations 11. TSS COD BOD pН analysis results (if collected) (mg/l) (mg/l) (mg/l) Outlet Others (1) Information regarding Ferti-Irrigation Details of treatment effluent before $(-1) \in [0,\infty)$ 1. e metatik and Ferti-irrigation Command area for irrigation 2. (available land area) System for dilution of treated 3. Ò. effluent required for ferti-irrigation System of transportation of treated 4. effluent upto field. Formal agreements with farmers S for using treated effluent

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6.	Storage facility available for	Ville 15 class and mark the second
	treated effluent during low demand period	Molating Contraction and the
7.	Quality of effluent being used for	his the standardard lader date
8.	Ground water monitoring network	(Available /Not available)
C: A	r Pollution and its Control	
<u>1.</u> 2.	Sources of Air Pollution Type of Fuel used with consumption	Maria Maria Carlos Carlos Anterios
3.	> Stack details	Rad Sterring and a state of the
4.	> APCS details	1. March frence fragme trade secondo
		3. 4.
5.	Samples collections points (if collected)	PM (mg/Nm ³):
Pho	otographs indicating locations:	
3.2	'' x3.2''	
and the second second second		

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