



Half -Yearly Compliance Report
On
Environmental Clearance Conditions

(Environmental Clearance Ref. No-177/Parya/SEAC/3739/2017, Dated-17 February, 2018)

Period: September 2020 – March 2021

Submitted By:
M/s The Seksaria Biswan Sugar Factory Ltd.
Division-Sugar
P.O-Biswan,
Distt.-Sitapur-261201 (U.P)

THE SEKSARIA BISWAN SUGAR FACTORY LIMITED

(An ISO 9001 : 2015, ISO 14001:2015 & ISO 22000:2005 Certified Company)

P.O. : BISWAN - 261201, DISTT - SITAPUR (U P.)

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CIN : U40102MH1939PLC002892

A/1097/2021-22

Dated: 31-07-2021

The Joint Director (Scientist)
Ministry of Environment, Forest and Climate Change
Kendriya Bhawan, 5th Floor
Sector-H, Aliganj,
Lucknow-226024

Sub: Six Monthly Environmental Compliance Report & Data Sheet

Ref.: Environmental Clearance letter Ref. No-177/Parya/SEAC/3739/2017, dated-17th February, 2018 issued by the Member Secretary SEIAA, UP, Directorate of Environment, UP, Lucknow.

Dear Sir/Madam,

With reference to above, we are enclosing herewith six monthly Environmental Compliance Report along with Data Sheet of our Distillery unit for the period from **October-2020 to March-2021** as per Environmental Clearance issued by the issued by the Member Secretary SEIAA, UP, Directorate of Environment, UP, Lucknow. vide his Environmental Clearance letter Ref. No-177/Parya/SEAC/3739/2017, dated-17th February, 2018 for your needful please.

Thanking you,

Yours faithfully

For The Seksaria Biswan Sugar Factory Ltd.

Division-Sugar

Ramank Singh
AUTHORISED SIGNATORY

Encl: As above

Sub-Six Monthly Compliance Report of Environmental Clearance letter Ref. No-177/Parya/SEAC/3739/2017, Dated-17 February, 2018 issued for 32 MW Co-generation & Expansion cum Modernization of Existing Sugar Plant from 7500 TCD to 8500 TCD, M/S The Seksaria Biswan Sugar Factory Ltd., P.O-Biswan, Distt-Sitapur-261201(U.P).

Period of Compliance-October 2020-March 2021

(A)	<u>General Conditions:</u>	
Sl.No.	Conditions	Compliance Status
1.	The project authorities must strictly adhere to the stipulations made by the Uttar Pradesh State Pollution Control Board and the State Government.	Being adhered as per the stipulation made by UP Pollution Control Board and the State Government.
2.	No further expansion or modifications in the plant shall be carried out without prior approval of the SEIAA, UP.	No expansion or modification job has been carried out without prior approval of the SEIAA, UP.
3.	The gaseous emissions from various process units shall conform to the load/mass based standards notified by this Ministry on 19th May, 1993 and standards prescribed from time to time. The State Pollution Control Board may specify more stringent standards for the relevant parameters keeping in view the nature of the industry and its size and location.	The gaseous emissions from various process units is as per load/mass based standards notified by the Ministry on 19th May, 1993 and standards prescribed from time to time by CPCB and UP Pollution Control Board.
4.	At least four ambient air quality monitoring stations should be established in the downward direction as well as where maximum ground level concentration of PM ₁₀ , PM _{2.5} , SO ₂ and NO _x are anticipated in consultation with the SPCB. Data on ambient air quality and stack emission shall be regularly submitted to UPPCB/CPCB and Regional Office, of MoEF&CC at Lucknow once in six months.	Ambient Air quality monitoring stations have been set up in consideration of maximum ground level concentration of PM ₁₀ , PM _{2.5} , SO ₂ and NO _x are anticipated in consultation with the SPCB. Data on ambient air quality and stack emission are regularly submitted to UPPCB/CPCB and Regional Office, of MoEF&CC at Lucknow once in six months. A Copy of monitored data is enclosed as <u>ANNEXURE-1.</u>
5.	Industrial wastewater shall be properly collected, treated so as to conform to the standards prescribed under GSR 422 (E) dated 19th May, 1993 and 31st December, 1993 or as amended from time to time. The treated wastewater	We are already made a proper method for collecting industrial effluents. The effluents generated in all the process are already treated in Adequate capacity of ETP as per standards prescribed under GSR 422 (E) dated 19th May, 1993 and 31st



	shall be recycled in the plant and there shall not be any discharge of industrial waste water as committed by the project proponent during the presentation.	December, 1993 or as amended form time to time. The treated wastewater are used in ash quenching, gardening, spray pond make-up and remaining treated water are stored in our 15 days holding capacity storage pacca lined lagoon and it is used in irrigation purposes by farmers through pipe network and we are complying the norms as required by the Board. Analysis report of treated effluent is enclosed as <u>Annexure -2.</u>
6.	The overall noise levels in and around the plant area shall be kept well within the standards (85 dBA) by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise levels shall conform to the standards prescribed under EPA Rules, 1989 viz. 75 dBA (daytime) and 70 dBA (night times).	We have already provided noise control measures including acoustic hoods, silencers, enclosures etc. on all the noise generating sources to maintain the overall noise level in and around the plant area are within the Standards (85dBA). Noise control measures has already been planned and enclosures would be put to keep the ambient noise level below 75 dBA (day time) and 70 dBA (night time). Analysis report of noise level is enclosed as <u>Annexure -3.</u>
7.	Occupational health surveillance of the workers should be done on a regular basis and records maintained as per the Factories Act.	Occupational health Surveillance programme is already in our system. Medical facilities have been provided by industry for proper check up the health of employees. For this purpose industry has well equipped hospital inside the factory Campus. One MBBS Doctor & three other trained staff have been appointed for regular monitoring of the employee's health and medical records of each employee are also maintained.
8.	The company shall develop surface water harvesting structures to harvest the rain water for utilization in the lean season besides recharging the ground water table.	Rain water harvesting measures are already put for the recharging of the ground water. We have already installed rain water harvesting system inside factory premises at different locations as per Central Ground Water Board guidelines.
9.	The project proponent shall also comply with all the environmental protection measures and safeguards recommended in the EIA/EMP report. Further, the company must undertake socio-economic development activities	All the environmental protection measures and safeguards have been effectively implemented. We have already doing socio-economic development activities in the surrounding villages like community development programmes, educational

	in the surrounding villages like community development programmes, educational programmes, drinking water supply and health care etc.	programmes, drinking water supply and health care etc. Besides this Every Monday we have organize a free medical health check-up camp for all at our factory hospital under supervision of expert Doctors of Vivekanand Hospital Lucknow.
10.	As proposed, budget shall be earmarked towards capital cost and recurring cost/annum for environment pollution control measures to implement the conditions stipulated by SEIAA as well as the State Government. An implementation schedule for implementing all the conditions stipulated herein shall be submitted to the Regional Office of MoEF&CC at Lucknow. The funds so provided shall not be diverted for any other purpose.	There is no paucity of funds for environmental pollution control measures (i.e.-Air Pollution Control, Water pollution control, Noise pollution control, Solid waste management, Environmental monitoring and Surveillance, Occupational Health Management & Green belt development) to implement the conditions stipulated by SEIAA as well as the State Pollution Control Board.
11.	A copy of clearance letter shall be sent by the proponent to concerned Panchayat, Zila Parishad/Municipal Corporation, Urban Local Body and the local NGO, if any, from whom suggestions/representations, if any, were received while processing the proposal. The clearance letter shall also be put on the web site of the company by the proponent.	A copy of Clearance Letter are already send to Zila panchayat Sitapur and Nagar Palika Biswan, we have not receive any comments/proposal. We have already put the clearance letter on the company website.
12.	The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of the MoEF at Lucknow, CPCB and UPPCB. The criteria pollutant levels namely; PM10, PM2.5, SO2, NOx (ambient levels as well as stack emissions) for the projects shall be monitored and displayed at a convenient location near the main gate of the company in the public domain	We have timely submitted the status of compliance of the stipulated environment clearance conditions, including results of monitored data and update the data time to time to the Regional Office of the MoEF at Lucknow, CPCB and UPPCB. The criteria pollutant levels namely; PM10, PM2.5, SO2, NOx (ambient levels as well as stack emissions) for the projects are already monitored and displayed at a convenient location near the main gate of the company in the public domain. Analysis report of ambient air & stack emissions is enclosed as <u>Annexure -2</u> .
13.	The project proponent shall also submit six monthly reports on the	Six monthly compliance reports (both in hard copies as well as by e-mail) along

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	status of the compliance of the stipulated environmental conditions including results of monitored data (both in hard copies as well as by e-mail) to the Regional Office of MoEF, CPCB and UPPCB. The Regional Office of MoEF&CC at Lucknow / CPCB / SPCB shall monitor the stipulated conditions.	with monitored data is submitted to the Regional Office of MoEF&CC, CPCB and UPPCB after every six month.
14.	The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental conditions and shall also be sent to the Regional Office of the MoEF&CC at Lucknow.	We assure that By 31 st march or before 13 th September of Every year we will submit the environmental statement report in Form-V to the state Pollution control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and also submitted to the Regional Office of the MoEF&CC at Lucknow.
15.	The Project Proponent shall inform the public that the project has been accorded Environmental Clearance by the SEIAAUP and copies of the clearance letter are available with the SPCB and may also be seen at Website of the SEIAAUP at www.seiaaup.com . This shall be advertised within seven days from the date of issue of the clearance letter, at least in two local newspapers that are widely circulated in the region of which one shall be in the vernacular language of the locality concerned and a copy of the same should be forwarded to the Regional office at Lucknow.	Already advertised in two local newspapers i.e. Amar Ujala dated 15.04.2017 & Dainik Jagaran dated. 14.04.2017 in Sitapur edition.
16.	Project authorities shall inform the Regional Office of MoEF&CC, Lucknow as well as the SEIAA the date of financial closure and final approval of the project by the concerned authorities and the date of commencing the land development work.	Industry has informed to regional office timely and officials of Ministry is inspecting in a regular way.



(B).	<u>Specific Conditions:</u>	
Sl.No.	Conditions	Compliance Status
1.	NOC from Fire Department should be submitted within a month, in case of failure this EC will deem to be cancelled.	We have already submitted a copy of Fire NOC received from Fire Department to SEAC/SEIAA.
2.	Solid waste, vermin composting will be done.	1. Fly ash - Inert properties. Some quantity is mixed with Bio-compost & rest is dumped in nearby low-land areas. 2. Filter cake - Being used in manufacturing of Bio-enriched Organic manure with Distillery spent wash. 3. Settled sludge - Has fertilizer value. Given to farmers free of cost. 4. Bagasse - High Calorific value. Total Bagasse are used in Boiler as a fuel for Steam and 32MW Power Generation.
3.	Two (02) continuous ambient air Quality Monitoring Station one in up wind and other in predominant wind direction shall be installed immediately after the plant is in operation.	We have installed Two (02) continuous ambient Air Quality Monitoring Station one in up wind and other in predominant wind direction. Monitoring Report is attached as <u>Annaxure-1.</u>
4.	Flow measurement device should be installed at the outlet of ETP.	We have already installed Water Flow meter at the outlet of ETP as per CPCB/UPPCB guidelines and connected to UPPCB/CPCB server.
5.	Minimum 33% of total plot area shall be developed as green belt as per norms of MoEF&CC.	Industry has been developing green belt regularly inside and outside factory premises. Company has modified & reconstructed Jhabra Talab (Govt. Properties besides Biocompost Yard) as per written order of D.M. Sitapur & planted Ashok, Jangal jalebi, Arjun, Neem & other plants around the Jhabra Talab in & out

		side, in the Month of August & September 2010. Company has also modified/reconstructed JANUA TALAB (Govt. Properties besides JHABRA TALAB) ABOUT 10 acre as per order of D.M. Sitapur. We have planted new trees around in & out side of Janua Talab from April 2012 to Sept. 2012
6.	Water meter shall be installed at the points of effluent generation.	We have already installed Water flow meter at each point of water supply sources and the data will be sent to the UPPCB from time to time.
7.	Storage of ash and baggase shall not be left open. Storage places should be on remote sides of the villages.	Fly ash Disposal areas and Bagasse area are already on remote sides of villages. The Factory area is barricaded and proper water sprinkler system is installed to control the fugitive emission.
8.	Authorization for hazardous waste shall be obtained as per law.	We have already taken Authorization for hazardous waste from UPPCB Lucknow.
9.	Corporate Social Responsibility (CSR) plan along with budgetary provision amounting to minimum 2% of the total project cost shall be prepared and approved by Board of Directors of the company. A copy of resolution as above shall be submitted to the authority alongwith list of beneficiaries with their mobile nos. /address.	Under Corporate Social Responsibility (CSR) Industry has already allocated a separate budget for various purposes like, health, education, water and sanitation missions, environmental sustainability, ecological balance, protection of flora and fauna, animal welfare, agro forestry, conservation of natural resources and maintaining quality of soil, air and water and other Rural development programmes.
10.	SPM level from chimney should be restricted under current norms.	We have maintained the SPM level as per the emission Norms for the boiler Stacks, which are prescribed by UPPCB/CPCB/MOEF & CC/ or otherwise mandatory. We have already Installed Online dust monitoring system at our Boiler stack. Monitoring Report of Flue gas is attached as <u>Annaxure-4</u> .
11.	No Effluent Discharge shall be made in public domain.	We have already installed Effluent treatment Plant of adequate capacity for the treatment of industrial effluent before its disposal we maintained all the parameters as per CPCB/UPBCB guidelines.
12.	No Additional Land, No Additional Water, No Additional Fuel shall be used	Not any additional fuel, land and water are required for the Industry.



	for the proposed modernization.	
13.	Online Monitoring Systems for effluent monitoring shall be installed.	We have already installed Online Monitoring Systems for effluent monitoring at our ETP .Monitoring Report of ETP is attached as <u>Annaxure-5</u> .
14.	To reduce the emission of particulate matter and gasses, Electrostatic Precipitator shall be installed and connected with Boiler duct.	For reduce the emission of particulate matter and gasses, we have installed ESP/Wet scrubber and alredy connected with Boiler duct.
15.	The Solid waste generated from the process will be mainly bagasse, filter cake (press mud) and boiler ash. 100 % Bagasse shall be reused as fuel in the boiler and excess bagasse, if any, shall be sent to other sugar plants for power generation. Molasses will be sent to the Distillery unit. Filter cake shall be sent for bio-composting in the Distillery.	The Solid waste generated from the process are mainly- (i) Bagasse -It is used in Boiler as a fuel for Steam and power generation. (ii) Filter Cake (Press-mud) -Its used in our Distillery Unit for Bio-composting manufacturing. (iii) Boiler ash -Boiler ash is used for Bio-composting purposes and remaining quantity of ash is used for filling of low land. (iv) Molasses -It is used in our Distillery unit for production for RS/ENA/Absolute Alcohol.
16.	Commitments made during the Public Hearing shall be complied with.	All the Commitments made during the Public Hearing are complied.
17.	The company shall provide housing for construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures and to be removed after the completion of the project.	We have already provided temporary housing for construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, safe drinking water, medical health care, crèche etc. After the completion of the project we will completely removed the structures.
18.	Plan for 12 m peripheral green belt and plantation in three rows of 4.0 m distance. C/w 5.0 m is to be submitted and shown on layout plant.	We are regularly taking up the plantation inside the factory premises as well as outside factory premises .Details of plantation work are attached as <u>Annexure-6</u> .

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19.	All storm water drain and conveyor belt should be covered.	We have properly covered and cleaned our all drainage and conveyor belt and maintained good housekeeping within factory premises.
20.	Any litigation pending in the Courts of Law it shall be binding on project proponent.	We have not any litigation pending in the Courts of Law.
21.	Parking facility should be provided within the project premises.	We have already provided parking facility within the project premises.
22.	Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 11 of the National Environment Appellate Authority Act, 1997.	No any appeal is lying against this Environmental Clearance with the National Green Tribunal.

We once again assure you that we are conscious to our Environmental and Social responsibilities and also committed towards creating a safe, clean & green environment in an around manufacturing facility and continued our efforts for the same.

Thanking you,

Yours faithfully,
For The Seksaria Biswan Sugar Factory Ltd.
(Division-Sugar)

Ramen Lal Singh
Authorised Signatory
M. P. Singh

MONITORING REPORT
PART-1
DATA SHEET

1.	Project Type : (SUGAR & COGEN PLANT)	8500 TCD Sugar Plant along with 32 MW Co-generation power plant.
2.	Name of Project	The Seksaria Biswan Sugar Factory Ltd., Division-Sugar & 32 MW Co-generation P.O-Biswan, Distt-Sitapur-261201(U.P)
3.	Clearance letter/OM No. & Date	Environmental clearance Letter. No-177/Parya/SEAC/3739/2017,Dated-17 th , February, 2018
4.	Location District State Latitude/Longitude	Sitapur Uttar Pradesh Latitude 27° 29'08"N and Longitude 80° 59'43"E
5.	Address for Correspondence Address of concerned Project Incharge	Shri R.C.Singhal Chief Executive The Seksaria Biswan Sugar Factory Ltd., Division-Distillery P.O-Biswan, Distt-Sitapur-261201(U.P) Ph. 05863-233166/67 Email- rc.singhal@seksaria.in
	Name & address of Nodal Officer with Phone No./Fax Number(s)/Mobile Nos.	Shri Sudhir Kumar Singh AGM (Environment & Q.C.) The Seksaria Biswan Sugar Factory Ltd., Division-Distillery P.O-Biswan, Distt-Sitapur-261201(U.P) Ph. 05863-233166/67 Email- biswan@seksaria.in
6. (a)	Salients Features of the Project	(a) Sugar Plant & Co-generation power plant. (b) Plant Capacity - 8500 TCD Sugar Plant along with 32 MW Co-generation power plant.
(b)	of the Environmental Management Plan	(a) AIR: We have installed ESP at 160TPH Boiler and Wet scrubbing system at 60TPH Boiler and Ash disposal system. After ESP/Wet scrubbers were installed on all the boilers, the treated air quality was having SPM level around 80-115 mg/Nm ³ . This air doesn't affect any inhabitant and it also causes no loss in crop yield of surrounding fields. We have already installed Continuous Online Stack Monitoring System for Particulate Matter to maintain the pollution level.



		(b) WATER RECYCLE/REUSE: • Further extensive cold-water conservation system has been adopted by collection and re-circulation of cold water. One R.C.C. Underground reservoir, one M.S. rectangular tank and one M.S. circular tank have been installed. This system is fully operative and resulted in plant operation at rated capacity with the operation of one tube well only. Further to reduce the tube well operation, we have started recycling the treated effluent in to the cold-water reservoir to be used in cooling the machinery in place of raw water. Hot condensate being cooled in three stage cooling Tower for minimizing the tube well water requirement. • The factory has already completed closed loop cold water recirculation system resulting in substantial reduction of total waste water generation. Further the factory has reduced the waste water generation and its substantial portion has been recycled back to the factory for which proper arrangement has been made. • The factory is collecting Oil & grease with the help of 2 Nos. Oil & grease skimmers. The collected Oil & Grease is being cleaned by heat & filtering. A part quantity is being re-used in mill and remaining quantity is being mixed with Bagasse for burning in Boilers. • Treated water is used in Wet scrubber, gardening ,spray pond make-up etc and for remaining treated water we have already constructed one no storage lagoon of 15 days storage capacity to store the treated water from where part, is recycled and rest is used for irrigation where farmers use in their crops. • To reduce the Organic load of the ETP we are use high pressure water jet cleaning in place of chemical cleaning in all the Evaporator bodies, juice heater etc. in Boiling House. • We are strictly following the standards mentioned in Gazette Notification G.S.R.35 (E) dated 14.01.2016 for sugar industry. • We have already installed Continuous Online Treated Effluent monitoring System (pH, Flow, TSS, COD & BOD) at our ETP outlet and link to CPCB/UPPCB Server. • We have installed Bagasse Dryer for utilization
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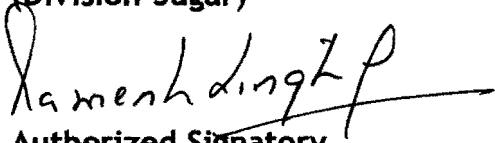
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		of flue gas heat to dry the bagasse and improve the efficiency of Boiler.	
7.	Breakup of the Project area	Total Project area - 214542 SQM Area for Cogeneration plant-22620SQM(10.54% of Total Plot Area) Green belt - 70798.86 SQM (33% of Total Plot Area)	
8.	Breakup of the project affected population with enumeration of those losing houses/ dwelling unit only units and agricultural land less labourers/ artisans. (a) SC/ST Adivasis (b) Others (c) Number of villages affected (d) Name and other particulars of Identified area for settlement. (e) Compensation package (f) Budget (g) Status	----- Not applicable -----	
9.	Financial details		
(a)	Project cost of original planned subsequent revised estimated and the years of price referen.	Actual Expenditure from October 2020 to March 2021.(In Rs.) (a)-ETP Plant- 1943797.00 (b)-ESP/Wet Scrubber- 617421.00 (c)-Water Management- 1688795.00 (d)-Ash Handling- 722323.00 Total- 4972336.00	
(b)	Allocations made for Environment Management plans, with item wise breakup.	S.No	Description
			Recurring Cost/annum (Lakhs)
		1.	Air Pollution control
		2.	Water Pollution Control(ETP Plant)
		3.	Solid waste management(Ash/Sludge handling area)
		4.	Environmental monitoring and Management

		5.	Green belt Development	1.50
		6.	Rain water harvesting Measures & others	0.50
		7.	Water Management	20.00
		8.	Miscellaneous (Online monitoring system & web camera)	1.50
		Total		56.50
(c)	Benefit cost ratio/internal rate of return and the year of assessment.	Shall be submitted as soon as possible		
(d)	Whether (c) includes the cost of environmental management as shown in (b) above.			
(e)	Actual expenditure incurred on the Environmental Management plan so far.	We have invested Rs. 56.50 Lacs up to 31.03.2021.		
10.	Forest and requirement (a) The status of approval for a diversion of forest land for forest use. (b) The status of compensatory afforestation's, if any. (c) The status of clear felling. (d) Comments on the viability & sustainability of compensatory afforestation programme in the light of actual field experience so far.	----- Not Applicable -----		
11.	The status of clear felling in non-forest is.	----- Not Applicable -----		
12.	Status of construction :			
(a)	Date of Commencement (actual and / or planned).	Feburary-2018		

(b)	Date of Completion (actual and/or planned)	Plant is running under consent to operate of UPPCB.
13.	Compliance report on Environmental clearance conditions.	Enclosed herewith

For The Seksaria Biswan Sugar Factory Ltd.
(Division-Sugar)


Authorized Signatory



Parameter Report

Generated On 2021-07-31 17:50:44
 Period 2021-02-01 00:00:00 - 2021-02-28 17:48:00
 Stations ETP 1

Generated By biswan
 Station Type EQMS
 Parameters Flow Rate,TSS,BOD,pH,COD

S.No.	Time	ETP 1 BOD (mg/L)(avg)	ETP 1 COD (mg/L)(avg)	ETP 1 Flow Rate (m³/hr)(avg)	ETP 1 pH (pH)(avg)	ETP 1 TSS (mg/L)(avg)
1	2021-02-02 00:00:00:000	16.99	82.67	20.55	7.75	20.37
2	2021-02-03 00:00:00:000	16.89	82.65	26.52	7.65	20.3
3	2021-02-04 00:00:00:000	16.73	82.63	16.68	7.63	20.2
4	2021-02-05 00:00:00:000	16.75	82.62	20.07	6.75	20.19
5	2021-02-06 00:00:00:000	16.83	82.65	13.36	7.68	20.31
6	2021-02-07 00:00:00:000	16.9	82.64	14.27	7.64	20.26
7	2021-02-08 00:00:00:000	16.98	82.67	17.38	7.68	20.4
8	2021-02-09 00:00:00:000	16.92	82.64	15.35	7.46	20.28
9	2021-02-10 00:00:00:000	16.87	82.64	17.08	7.5	20.27
10	2021-02-12 00:00:00:000	16.85	82.65	16.13	7.58	20.3
11	2021-02-13 00:00:00:000	16.81	82.64	16.68	7.59	20.27
12	2021-02-14 00:00:00:000	16.72	82.62	20.8	7.69	20.18
13	2021-02-15 00:00:00:000	16.45	81.71	19.18	7.55	19.86

THE SEKSARIA BISWAN SUGAR FACTORY LTD.**P.O-BISWAN,DISTT-SITAPUR-261201(U.P)****DETAILS OF PLANTATION**

S.NO.	NAME OF TREES	TOTAL PLANTATON TILL SEPTEMBER,2020	SURVIVAL OF TREE TILL MARCH 2021	NEW PLANTATION FROM SEPTEMBER 2020 TO MARCH 2021	TOTAL NO.OF TREES
1	KADAM	90.0	86.0	200.0	286.0
2	CHITWAN	220.0	214.0	15.0	229.0
3	SILVER OAK	71.0	68.0	34.0	102.0
4	NEEM	92.0	90.0	40.0	130.0
5	PHYCUS	290.0	286.0	75.0	361.0
6	PENDULA ASHOK	1140.0	1134.0	115.0	1249.0
7	SAGWAN	918.0	910.0	15.0	925.0
8	PIPAL	9.0	8.0	0.0	8.0
9	MANGO	112.0	100.0	40.0	140.0
10	JANGAL JALEBI	7860.0	7846.0	110.0	7956.0
11	ARJUN	550.0	548.0	30.0	578.0
12	BELL	25.0	25.0	0.0	25.0
13	IMALI	3.0	2.0	0.0	2.0
14	AMALA	2.0	2.0	0.0	2.0
15	SHISHAM	950.0	945.0	1200.0	2145.0
16	PAKAD	6.0	6.0	5.0	11.0
17	GULLAR	7.0	6.0	0.0	6.0
18	PALM	10.0	10.0	12.0	22.0
19	GOLD MOHAR	5.0	5.0	0.0	5.0
20	CANER	8.0	8.0	0.0	8.0
21	BAKAAYAN	215.0	215.0	55.0	270.0
22	BARGAD	4.0	4.0	5.0	9.0
23	PUTRANJEEVA	690.0	684.0	50.0	734.0
24	MANOKAMMINI	1450.0	1440.0	500.0	1940.0
25	SITA ASHOK	37.0	34.0	25.0	59.0
26	PONDA PHYCUS	18.0	18.0	25.0	43.0
27	AMRUD	3.0	3.0	0.0	3.0
28	PARIJAAT	1.0	1.0	0.0	1.0
29	GAMHAR	498.0	491.0	50.0	541.0
30	MAHOGANI	146.0	144.0	50.0	194.0
31	LATINAA LOVERA	3.0	3.0	3.0	6.0
32	JARUL	50.0	49.0	75.0	124.0
33	CHAKRESIA	50.0	48.0	50.0	98.0
	GRAND TOTAL	15533.0	15433.0	2779.0	18212.0

-:List of Enclosed Annexures:-

Sl.No.	Particulars	Annexure No.
1.	Ambient Air Monitoring Report	Annexure-1
2.	Analysis Report of ETP Treated effluent	Annexure-2
3.	Noise Monitoring Report	Annexure-3
4.	Stack Emission Monitoring Report	Annexure-4
5.	Online Monitoring System for Effluent Report	Annexure-5
6.	Plantation Details	Annexure-6

Test Report for Ambient Air Quality

URL- TC824119000002230



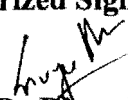
Report No.	Reference No.	Issue Date		
PCS/AA/01/2020	PCS/SBSF/01/2020	07/12/2020		
1. Name of Industry:	M/s Seksaria Biswan Sugar Factory Limited, P.O. Biswan Distt – Sitapur (U.P.)			
2. Type of Industry:	Distillery Division			
3. Monitoring done by:	Mr. Vipin Kannojiya & Mr.Ghanshyam Babu			
4. Weather Condition :	Clear Sky			
5. Method of sampling	As per Standard Method			
6. Date of Monitoring :	01/12/2020-02/12/2020			
7. Sample Receipt in Lab:	02/12/2020			
8. Date of Analyses	03/12/2020 -06/12/2020			
S.No.	Location	Pollutants Concentration $\mu\text{g}/\text{m}^3$		
		RSPM (PM ₁₀)	SO ₂	NO ₂
1.	Near Main Gate	98.6	18.6	36.5
2.	Near Distillery Plant	95.3	20.9	38.6
3.	Near Guest House	92.7	16.9	34.8
Standards*		100	80	80
Method		IS:5182 Part (23) 2006	IS:5182 (Part-2) 2001	IS:5182 (Part- 6) 2006
Range of Detection		05-1000 $\mu\text{g}/\text{m}^3$	04-1050 $\mu\text{g}/\text{m}^3$	9-750 $\mu\text{g}/\text{m}^3$

* National Ambient Air Quality Standards- dated 18.11.2009

**8 Hourly Standard

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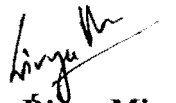
TEST REPORT FOR AMBIENT AIR QUALITY

Report No.	Reference No.	Issue Date
PCS/AA/01/2020	PCS/SBSF/01/2020	07/12/2020
1. Name of Industry:	M/s Seksaria Biswan Sugar Factory Limited, P.O. Biswan Distt – Sitapur (U.P.)	
2. Type of Industry:	Distillery Division	
3. Monitoring done by:	Mr. Vipin Kannojiya & Mr. Ghanshyam Babu	
4. Weather Condition :	Clear Sky	
5. Method of sampling	As per Standard Method	
6. Date of Monitoring :	01/12/2020-02/12/2020	
7. Sample Receipt in Lab:	02/12/2020	
8. Date of Analyses	03/12/2020 -06/12/2020	
S.No. Location	Pollutants Concentration $\mu\text{g}/\text{m}^3$	
	(PM _{2.5})	
1. Near Main Gate	55.6	
2. Near Distillery Plant	52.6	
3. Near Guest House	50.9	
Standards*	60	
Method	APHA (Gravimetric)	

* CPCB Notification, dated 18.11.2009

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TEST REPORT FOR WASTEWATER



URL- TC824119000002225

Report No. PCS/ETP/1/2020	Reference No. PCS/SBS/01/2020	Issue Date 07/12/2020
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1. Name & Address of Industry:	M/s Seksaria Biswan Sugar Factory Limited, P.O. Biswan, Distt - Sitapur (U. P.)
2. Type of Industry:	Sugar Factory
3. Sampling Location:	ETP Inlet
4. Weather Condition:	Clear
5. Quantity of Sample:	2 Litre Water Sample Collected in Bottle
6. Method of Sampling:	As per the standard Method
7. Sampling done by :	Mr. Vipin Kannojiya & Mr. Ghanshyam Babu
8. Date of Sampling:	02/12/2020
9. Sample receipt in lab:	02/12/2020
10. Date of Testing:	03/12/2020-06/12/2020

Sl. N	Parameter	Unit	Reference Method*	Inlet (Before Processing)
1	pH	-	4500 H	5.60
2	TSS	mg/l	2540 D	310
3	BOD	mg/l	IS-3025 (Part 44) RA-2009	450
4	COD	mg/l	5220 B	1615
5	Oil & Grease	mg/l	5520 B	9.9

*As per APHA/AWWA; 23rd Ed. (2017),

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Ground Water Board, Compliance of E.C., NOC from UPPCB, MoEF

TEST REPORT FOR WASTEWATER

URL- TC824119000002226



Report No.

PCS/ETP/2/2020

Reference No

PCS/SBS/01/2020

Issue Date

07/12/2020

1. Name & Address of Industry: M/s Seksaria Biswan Sugar Factory Limited, P.O. Biswan, Distt - Sitapur (U. P.)
2. Type of Industry: Sugar Factory
3. Sampling Location: ETP Outlet
4. Weather Condition: Clear
5. Quantity of Sample: 2 Litre Water Sample Collected in Bottle
6. Method of Sampling: As per the standard Method
7. Sampling done by : Mr. Vipin Kannojiya & Mr. Ghanshyam Babu
8. Date of Sampling: 02/12/2020
9. Sample receipt in lab: 02/12/2020
10. Date of Testing: 03/12/2020-06/12/2020

Sl. N	Parameter	Unit	Reference Method *	Outlet (After Processing)	Standard**
1	pH		4500 H	7.6	5.5-9.0
2	TSS	mg/l	2540 D	23.0	30
3	BOD	mg/l	IS-3025 (Part 44) RA-2009	28.0	30
4	COD	mg/l	5220B	122	-
5	Oil & Grease	mg/l	5520 B	3.5	10

*As per APHA/AWWA; 23rd Ed. (2017),

**Standard as per Schedule VI inserted by Rule 2(d) of the Environment (Protection) Second Amendment Rules, 1993 notified vide G.S.R. 422(E) dated 19.05.1993, published in the Gazette No. 174 dated 19.05.1993

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Test Report for Noise Monitoring

URL- TC824119000002231



Report No.	Reference No.	Issue Date	
PCS/AN/01/2020	PCS/SBSF/01/2020	07/12/2020	
1. Name of Industry:	M/s Seksaria Biswan Sugar Factory Limited, P.O. Biswan Distt – Sitapur (U.P.)		
2. Type of Industry:	Distillery Division		
3. Monitoring done by:	Mr. Vipin Kannojiya & Mr. Ghanshyam Babu		
4. Weather Condition :	Clear Sky		
5. Method of sampling	As per Standard Method		
6. Date of Monitoring :	01/12/2020-02/12/2020		
7. Sample Receipt in Lab:	02/12/2020		
8. Date of Analyses	03/12/2020 -06/12/2020		
S. No.	Monitoring Location	Noise Level leq dB(A) Day Time*	Noise Level leq dB(A) Night Time*
1.	Near Main Gate	71.5	63.4
2.	Near Distillery Plant	72.8	65.3
3.	Near Guest House	69.7	59.1
Standard (Ambient Noise)			
	Industrial area	75	70
	Commercial area	65	55
	Residential area	55	45
	Silence Zone	50	40

*The Noise Pollution (Regulation and Control) Rules, 2000

Note :-

1. Day time shall mean from 6.00 a.m. to 10.00 p.m.
2. Night time shall mean from 10.00 p.m. to 6.00 a.m.
3. Silence zone is an area comprising not less than 100 metres around hospitals, educational institutions, courts, religious places or any other area which is declared as such by the competent authority
4. Mixed categories of areas may be declared as one of the four above mentioned categories by the competent authority.

* dB(A) Leq denotes the time weighted average of the level of sound in decibels on scale A which is relatable to human hearing.

A "decibel" is a unit in which noise is measured.

"A", in dB (A) Leq, denotes the frequency weighting in the measurement of noise and corresponds to frequency response characteristics of the human ear.

5. No deviation as per the standard method.

Leq: It is energy mean of the noise level over a specified period.

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Test Report for Stack Monitoring

URL- TC824119000002229



Report No. PCS/SE/02/2020	Reference No PCS/SBSF/01/2020	Issue Date 07/12/2020
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1. Name of Industry:	M/s Seksaria Biswan Sugar Factory Limited, P.O. Biswan Distt – Sitapur (U. P.)
2. Type of Industry:	Sugar Industry
3. Weather Condition:	Clear
4. Sampling done by:	Mr. Vipin Kannojiya & Mr. Ghanshyam Babu
5. Method of Monitoring	As per standard Method
6. Date of Monitoring :	02/12/2020-03/12/2020
7. Sample Receipt in Lab:	03/12/2020
8. Date of Analysis:	03/12/2020- 06/12/2020

S. No.	Particulars	Value
1.	Stack Attached to	Boiler 70 TPH)
2.	Type of Stack	Circular
3.	Stack Height	50 m
4.	Type of Duct	Circular
5.	Material of Construction of duct	R.C.C.
6.	Type of fuel used	Bagasse (30 ton/hr)
7.	Air Pollution Control Device (APCD)	Vantury Type Wet Scrubber
8.	Sampling Duration(min)	40
9.	Atmospheric temperature ($^{\circ}$ K)	300
10.	Fuel Gas temperature ($^{\circ}$ K)	388
11.	Flue Gas Exist Velocity (m/s)	10.45
12.	Volume of Sample (Lt.)	600
13.	Concentration of	
	Pollutant in fuel Gas	
	Pollutant	Result
	PM (mg/Nm ³)	112.2
	SO ₂ (mg/Nm ³)	28.9
		Standard*
		150
		-

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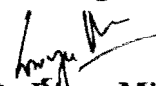
Test Report for Stack Monitoring

Report No.	Reference No	Issue Date
PCS/SE/02/2020	PCS/SBSF/01/2020	07/12/2020
1. Name of Industry:	M/s Seksaria Biswan Sugar Factory Limited, P.O. Biswan Distt –Sitapur (U. P.)	
2. Type of Industry:	Sugar Industry	
3. Weather Condition:	Clear	
4. Sampling done by:	Mr. Vipin Kannojiya & Mr.Ghanshyam Babu	
5. Method of Monitoring	As per standard Method	
6. Date of Monitoring :	02/12/2020-03/12/2020	
7. Sample Receipt in Lab:	03/12/2020	
8. Date of Analysis:	03/12/2020- 06/12/2020	

S. No.	Particulars	Value
11.	Stack Attached to	Boiler 70 TPH)
12.	Type of Stack	Circular
13.	Stack Height	50 m
14.	Type of Duct	Circular
15.	Material of Construction of duct	R.C.C.
16.	Type of fuel used	Bagasse (30 ton/hr)
17.	Air Pollution Control Device (APCD)	Vantury Type Wet Scrubber
18.	Sampling Duration(min)	40
19.	Atmospheric temperature ($^{\circ}$ K)	300
20.	Fuel Gas temperature ($^{\circ}$ K)	388
11.	Flue Gas Exist Velocity (m/s)	10.45
12.	Volume of Sample (Lt.)	600
13.	Concentration of	
	Pollutant in fuel Gas	
	Pollutant	Result
	NOx (mg/Nm ³)	24.5
	CO % (v/v)	0.3
		Standard*
		-
		-

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