

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

O.A. NO.913 OF 2022

IN THE MATTER OF:

MANAV SEWA SANSTHAN AND ANR.

..APPLICANTS

VERSUS

UNION OF INDIA & ORS.

...RESPONDENTS

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FILED BY:

 
[SANJEEV KUMAR SINGH & SHIGHRA KUMAR]
(ADVOCATES FOR THE RESPONDENT NO.4)

LEGAL VIBES (ADVOCATES & SOLICITORS)

G-27, FIRST FLOOR,

JANGPURA EXTENSION,

NEW DELHI-110014.

NEW DELHI

Dated: 30.01.2024

PH: 011-43580335; 9560306295

EMAIL: legalvibes.lawfirm@gmail.com

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

O.A. NO.913 OF 2022

IN THE MATTER OF:

MANAV SEWA SANSTHAN AND ANR. ..APPLICANTS

VERSUS

UNION OF INDIA & ORS. ...RESPONDENTS

**REPLY FILED ON BEHALF OF THE RESPONDENT NO.4 M/S.
BAJAJ HINDUSTHAN SUGAR LIMITED ALONG WITH
AFFIDAVIT.**

MOST RESPECTFULLY SHOWETH:

1. At the very outset, it is humbly submitted that Bajaj Hindusthan Sugar Limited, Respondent No.4 herein, is a law abiding organisation and has not violated any provisions of the Environment Laws in respect of the subject matter Unit(s). The present Reply is being filed on behalf of the Respondent No.4 through Mr. Amit Kumar Pandey, who has been duly authorised vide Board Resolution dated 14.08.2017. The falsity of the allegations of any/all violations raised in the Application are evident from contents of the Joint inspection report submitted by the UPPCB/CPPCB pursuant to the directions of this Hon'ble Tribunal.
2. It is humbly submitted that the present Application has been filed with ulterior motives by two entities who have

no presence or existence in the area where the Respondent units are located. The Applicants have not placed on record any material to show and demonstrate how either of them have any locus to file the above titled Application before this Hon'ble Tribunal. There is no document on record to even remotely substantiate the averments made in paragraph 1 of the above titled Application. The above titled application is a gross abuse of process of law and has been filed with ulterior motive of causing obstructions in the business of the answering Respondent No.4. A bare perusal of the prayer clause demonstrates the *mala fide* intentions behind filing of the above titled application is to somehow seek closure of the Sugar unit of Respondent No.4.

A. REPLY TO THE ALLEGATION OF ILLEGAL DISCHARGE OF UNTREATED EFFLUENTS FROM THE ANSWERING RESPONDENT'S SUGAR MILL.

3. The Applicants have falsely alleged that there is illegal discharge of untreated industrial effluents from sugar mill and distillery unit of the answering Respondent into a nearby storm water drain/nullah, which is then released into the Suwaon Nala, a rain fed rivulet. The falsity in the allegation of the Applicants is evident from the fact that in fact, no distillery unit is existing at the alleged site. The fact that the distillery unit has not been set up yet is also

confirmed in the Joint Inspection Report submitted vide letter dated 06.01.2024 before this Hon'ble Tribunal. Furthermore, there is no illegal discharge from the Sugar Mill of the answering Respondent, of any nature whatsoever, in Suwaon Nala or any nearby storm water drain/nullah as alleged or at all. In fact, pursuant to the directions of this Hon'ble Tribunal passed in the above titled Application, the UPPCB/CPCB/MoEF & CC has subsequently filed its report which shows and demonstrates that the allegations being made by the Applicants are completely false and frivolous.

B. REPLY TO THE ALLEGATION OF PHOTOGRAPHS AND SAMPLES BEING COLLECTED FROM THE ANSWERING RESPONDENT'S SUGAR MILL.

4. The fact that the Applicants on one hand claim that they have visited the site whereas there is no distillery unit existing at the site itself demonstrates that the Applicants are making false concocted imaginary stories to seek closure of the answering respondent's sugar mill.
5. It is categorically denied that the alleged photographs were taken from the sugar mill unit of the answering Respondent, or that the said photographs in any manner even remotely show and demonstrate any illegal discharge of untreated industrial effluents from the sugar mill of the

answering Respondent. It is also categorically denied that any sample of any waste water discharged from the answering Respondent's Sugar Mill, was collected by the Applicants as alleged or at all. It is submitted that the Applicants have unilaterally got created false reports/records at their behest with the ulterior motive of seeking closure of the Sugar Mill of the answering Respondent.

C. REPLY TO THE ALLEGATION OF VIOLATION OF CONDITIONS OF THE ENVIRONMENTAL CLEARANCE DATED 17.09.2007.

6. It is categorically submitted that the distillery project for which environmental clearance vide no. J-11011/604/2007.IA II (I) dated 17.09.2007 was obtained but the said project for which EC was granted has not been setup so far by the Respondent -4 and said EC has also expired. The Respondentno-4 is not violating any conditions mentioned in EC issued to the Respondent-4 . The Joint Inspection Committee has also verified that Distillery project for which EC was granted has not installed till now and same is mentioned at point no (a) General Details sub point 1.3 (Environmental Clearance).
7. The reliance placed by the Applicants on the decision of this Hon'ble Tribunal in **Saviour Park Apartment**

Owners Vs. State of Uttar Pradesh (Original Application No.199/2021 (PB)) is entirely misplaced and misconceived, in as much as the answering Respondent is not only fully complying with the Environmental Clearance dated 17.09.2007, as distillery project was not established against the said Environment Clearance, but has also been granted further permissions/clearances by the concerned authorities/Pollution Control Board from time to time. These permissions/clearances/no Objections are granted subject to stringent compliance norms which are being continuously adhered to by the answering Respondent's Sugar Unit till date. It also stands confirmed in the Joint Inspection Report submitted before this Hon'ble Tribunal on 06.01.2024, that the answering Respondent's Unit is having valid consent to operate under section 21/22 of the Air (Prevention & Control of Pollution) Act, 1981 (as amended) and under section 25/26 of Water (Prevention & Control of Pollution) Act, 1974 (as amended) for discharge of effluent, as well as valid authorisation issued under the provisions of Hazardous and Other Wastes (Management and Trans-Boundary Movement) Rules, 2016.

D. REPLY TO THE ALLEGATION OF VIOLATION OF THE WATER (PREVENTION AND CONTROLL OF POLLUTION) ACT, 1974

8. It is reiterated that since there is no illegal discharge of any untreated effluents by the answering Respondent's Unit, the Applicants have made false allegation that the answering Respondent's Unit is violating the provisions of The Water (Prevention and Control of Pollution) Act, 1974. It is stated that the Applicants have made bald and unsubstantiated allegations which have been proved wrong by the subsequent Joint Inspection Report placed on record by CPCB/UPPCB/MoEF&CC before this Hon'ble Tribunal. The reliance placed by the Applicants on Section 24, Section 25, Section 43 or any other provision of The Water (Prevention and Control of Pollution) Act, 1974 is therefore entirely misplaced and misconceived in law.

E. REPLY TO THE ALLEGATION OF VIOLATION OF ZERO LIQUID DISCHARGE GUIDELINES PRESCRIBED BY CPCB:

9. The Applicants have falsely alleged that the answering Respondent's Unit is not complying and is in violation of the Zero Liquid Discharge Guidelines prescribed by CPCB. In this regard, it is submitted that the Joint Inspection Report submitted by UPPCB/CP PCB before this Hon'ble Tribunal in fact confirms that, the answering Respondent's Unit is having valid consent to operate under section 21/22 of the Air (Prevention & Control of Pollution)

Act, 1981 (as amended) and under section 25/26 of Water (Prevention & Control of Pollution) Act, 1974 (as amended) for discharge of effluent. No violation of the said permission has been found to be existing at the Unit during the joint inspection. It is therefore apparent that the Applicants have knowingly made false and baseless allegations against the answering Respondent.

10. It is further submitted that the reliance placed by the Applicants on the case of **MC Mehta Vs. UoI 2017 SCC Online NGT 1980** is entirely misplaced and misconceived for the reason that the answering Respondent's Unit is fully compliant with all applicable norms, rules and regulations and has not violated any Environmental laws.

F. REPLY TO THE ALLEGATION THAT THE ANSWERING RESPONDENT HAS EXCEEDED THE STANDARDS PRESCRIBED UNDER ENVIRONMENT (PROTECTION) RULES, 1986

11. The Applicants have falsely alleged that the effluent discharged by the answering Respondent's Sugar Unit is polluting the ground water and the ground water has exceeded the prescribed standards with regard to Biological Oxygen Demand, Chemical Oxygen Demand, suspended solids, oil & grease etc. It is submitted that the falsity in the allegation made by the Applicants stands completely exposed in the subsequent joint inspection

report filed by the CPCB/UPPCB pursuant to the directions of this Hon'ble Tribunal in the abovetitled Application.

12. Furthermore, a perusal of the Joint Inspection Report placed on record would show and demonstrate that the sample collected from the treated effluent lagoon was found to be marginally exceeding the notified discharge standards under the Environment (Protection) Rules, 1986. It is pertinent to note here that during the joint inspection two set of samples were collected by the joint inspection team at BHSL Utraula and one set of duplicate sealed samples collected by the inspection team was handed over to the answering Respondent. The sealed samples were sent for analysis by an independent agency NABL accredited laboratory duly recognised by Ministry of Environment, Forest & Climate Change as well as UPPCB, i.e. Noida Testing Laboratories. The analysis report dated 04.01.2024 sent by Noida Testing Laboratories demonstrates that even these samples were found to be well within the prescribed standards. A copy of Form-1 duly signed by CPCB during joint inspection at Respondent No.4' Sugar Unit is annexed as **ANNEXURE-R-4/1**. The analysis report of duplicate sealed samples of ETP outlet and Lagoon sealed by CPCB/UPPCB at Respondent No.4' Sugar Unit and handed over to

Respondent No.4 and analysed by NABL & EPA approved laboratory is attached as **ANNEXURE-R-4/2.**

13. Furthermore, the Joint Inspection Report also confirms that the samples collected from the STP of the answering Respondent's Unit were found to be complying with the consented discharge norms.
14. Also, the Joint Inspection Report also confirms that the samples collected from the groundwater of borewell of the industrial premises of the answering Respondent were also found to be within the permissible limits as per BIS IS 10500:2012 Drinking Water Standards.
15. It is further submitted that the Joint Inspection Report submitted before this Hon'ble Tribunal on 06.01.2024 inter alia records six recommendations for the answering Respondent's Sugar Unit. The answering Respondent has taken bonafide steps to comply with all the six recommendations and the current status of the compliance of the said recommendations is as under;

SNO	RECOMMENDATIONS	COMPLIANCE STATUS
1	<i>The industry shall install electromagnetic flowmeter at STP Inlet and shall maintain</i>	The Electromagnetic flow meter already stands installed in the STP at the Respondent No.4's Unit.

	<i>logbooks for STP Inlet & Outlet</i>	<p>The photograph of the Electronic flow meter installed at Respondent No.4's Sugar Unit is attached herewith as <u>ANNEXURE-R-4/3</u></p> <p>The updated STP Inlet and outlet logbook at Respondent No.4's Sugar Unit is attached herewith as <u>ANNEXURE-R-4/4</u></p>
2	<i>The unit improve overall operation and maintenance of STP and dismantle all flexible pipes in the STP except one to be used for gardening purpose.</i>	<p>STP is being operated efficiently to achieve the notified discharge norms. All flexible pipes in STP have been dismantled except the pipe used for irrigation. The Photographs of STP at Respondent No.4's Sugar Unit are annexed as <u>ANNEXURE-R-4/5.</u></p>
3	<i>Unit shall ensure colour coding on pipelines in ETP & process area.</i>	<p>The colour coding in ETP area is already completed. Photographs of the ETP at Respondent No.4's Sugar Unit are annexed herewith as <u>ANNEXURE-R-4/6.</u></p>
4	<i>Unit shall ensure to operate its ETP optimally in order to</i>	<p>ETP is being operated efficiently to achieve the notified discharge norm. Copy of logbook with</p>

	<i>comply with notified discharge norms.</i>	energy meter reading at Respondent No.4's Sugar Unit is annexed as <u>ANNEXURE R-4/7.</u>
5	<i>The unit shall improve the housekeeping of the ETP area by cleaning the shrubs and vegetation and develop landscaping around ETP</i>	The cleaning of shrubs and vegetation is completed. The landscaping is under progress. The Current photographs of ETP at Respondent No.4's Sugar Unit are annexed as <u>ANNEXURE R-4/8.</u>
6	<i>The unit shall obtain valid CCA to operate from UPPCB</i>	CCA (Consolidated Consent & authorization) has been obtained from UPPCB and same is valid up to 31.12.2025. Copy of the CCA issued by UPPCB to Respondent No.4 is annexed as <u>ANNEXURE-R-4/9.</u>

16. It is categorically denied that the ground water in the vicinity of the answering Respondent's unit is either becoming unsuitable for human consumption or is otherwise exceeding the standards prescribed for Biological Oxygen Demand, Chemical Oxygen Demand, suspended solids, oil & grease etc, on account of any action/omission on the part of the answering Respondent's Sugar Unit. It is denied that any residents of

the area have suffered any adverse health issues on account of the answering Respondent's Sugar Unit as alleged or at all. The allegation is again unsubstantiated and bald allegation which is ex facie false.

17. It is submitted that the reliance placed by the Applicants on the categorisation of Sugar Mills as "Red" Category industries by the CPCB is also entirely misplaced and misconceived. Even for the sake of arguments if the CPCB has categorised the Sugar Mills as "Red" Category, it does not by itself imply that all sugar mills in India should automatically be closed. It is a matter of record and now also confirmed by the Joint Inspection Report placed on record by CPCB/UPPCB on 06.01.2024, that the answering Respondent's Sugar Mill is fully compliant with the applicable Environment laws and for this purpose the answering Respondent's Sugar Mill has applied for and obtained, from time to time, all the applicable permissions, consents, no objections from the concerned authorities. Notably such permissions, consents, no objections are issued subject to stringent compliance norms after ensuring that the answering Respondent's Unit is fully compliant with the applicable standards.
18. It is further submitted that the reliance placed by the Applicants in the case of **Krishna Kant Singh Vs.**

Daurala Sugar Works Distillery (Original Application No.328 of 2014) is entirely misplaced and misconceived for the reason that the answering Respondent's Unit is fully compliant with all applicable norms, rules and regulations and has not violated any Environmental laws.

19. It is most respectfully submitted that similarly, the claim of the Applicants that the answering Respondent is liable to pay compensation while placing reliance on the case of ***Bajri Lease LOI Holders Welfare Society Vs. State of Rajasthan & Ors (Interlocutory Application No.29984 of 2021 in Special Leave Petition (Civil) No.10587 of 2019)*** and ***Vinit Kumar Vs. M/s. Sir Shadilal Distillery & Chemical Works Pvt. Ltd. & Ors. (Original Application No.206/2020)*** is entirely misplaced and misconceived for the reason that the answering Respondent's Unit is fully compliant with all applicable norms, rules and regulations and has not violated any Environmental laws.
20. It is submitted that similarly, the claim of the Applicants that the answering Respondent's Sugar Unit is liable to be shut down while placing reliance on the case of ***MC Mehta Vs. UoI (1987) 4 SCC 463*** is entirely misplaced and misconceived for the reason that the answering Respondent's Unit is fully compliant with all applicable

norms, rules and regulations and has not violated any Environmental laws.

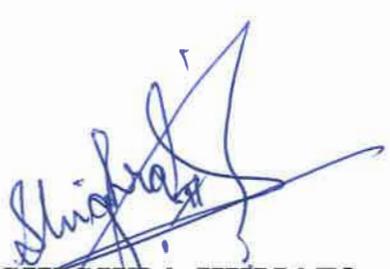
21. It is denied that any violation has been committed by the answering Respondent's Sugar Unit. As such there is no occasion of any continuing violation as alleged by the Applicants. The alleged interviews with the local residents are denied as false and incorrect. There is no material on record to substantiate the allegations made by the Applicants. The allegations are ex facie false and incorrect and hence the Polluter Pays Principle is not applicable in the facts and circumstances of the present case.
22. In response to the prayer clause it is reiterated that the above titled Application is a gross abuse of process of law by the Applicants. The Applicants have no locus standi to file the above titled Application. The above titled Application has been filed with the sole ulterior motive of some how obtaining a direction for closure of the Sugar Mill of the answering Respondent by creating false records, concocting imaginary stories and making bald, unsubstantiated allegations which are false even to the knowledge of the applicants. The answering Respondent's Sugar Unit is fully compliant with the provisions of the Environment laws and is not causing the alleged pollution in any manner whatsoever.

23. It is therefore most respectfully prayed that not only the answering Respondent has been dragged into frivolous litigation, but rather considerable precious time of this Hon'ble Tribunal has been wasted in unscrupulous litigation at the hands of the Applicants and the present case is fit for imposition of exemplary costs to discourage unscrupulous litigants from abusing the process of law by filing frivolous Applications and as such, the present application is liable to be dismissed and the reliefs as claimed thereunder be disallowed.




RESPONDENT NO.4

THROUGH BY:


[SANJEEV KUMAR SINGH & SHIGHRA KUMAR]
(ADVOCATES FOR THE RESPONDENT NO.4)

LEGAL VIBES (ADVOCATES & SOLICITORS)

G-27, FIRST FLOOR,

JANGPURA EXTENSION,

NEW DELHI-110014.

NEW DELHI

Dated: 30.01.2024

PH: 011-43580335; 9560306295

EMAIL: legalvibes.lawfirm@gmail.com



FORM 1

(See rule 7 of the E (P) Rules, 1986)

Notice of intention to have sample analyzed

To,

M/S Bajaj Hindustan Sugar Ltd.,
Unit - Utraula, Itai Maida Ibrahim,
Balrampur - 271607

Take this notice that it is intended to have analyzed the samples of ETP, Borewell
 which has been taken today, the 30th
 day of December 2023 from M/S Bajaj Hindustan Sugar Ltd.,
Unit - Utraula, Itai Maida Ibrahim, Balrampur
- 271607.

(Name and designation of the person who takes the sample).

Ms. Reena Satavan, Scientist-E, CPCB Delhi
Dr. Ram Karan, CEO, UPPCB, Lucknow.

Locations of the place where the sample were taken.

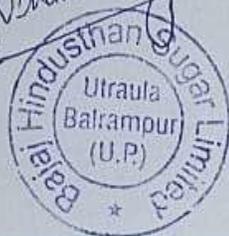
Equalization tank / ETP Inlet (1 no.)
Aeration tank (1 no.)
Primary clarifier (1 no.)
Secondary clarifier outlet (1 no.)
ETP outlet (2 no.)
Lagoon (1 no.)

SRS Inlet (1 no.)
SRS outlet (1 no.)
Borewell (0 nos.)
Cora Yard Handpump 2 No.

(Duplicate samples were given to the unit)

(SEAL) Jaymoheshwar Shandha Ray
Assistant Manager (EHS)

DATE

30/12/23

Signature:

Reena
30/12/23Name: Ms. Reena SatavanDesignation: Scientist-E
CPCB

**NOIDA TESTING LABORATORIES****(A Government of India Approved Testing Laboratory)**(An ISO : 9001 : 2015, ISO 45001 : 2018 (OH&S) Certified & NABL Accredited Laboratory)
MoEF & CC (Ministry of Environment, Forest & Climate Change), UPPCB Recognized Laboratory

+91-9313611642, 8510081921, 7503031145, 8527870572, 7503031146, 9999794369

Analyzing for an Assured
Future**TEST CERTIFICATE****Issued To: M/s Bajaj Hindusthan Sugar Ltd.**
Address: Unit – Itai Maida, Utraula
District – Balrampur (U.P), India**Report Code : WW-010124-01**
ULR No. : TC68142400000879F
Test Report of : Waste Water
Service Request No : NTL/SRF/01/24-014
Service Request Date : 30/12/2023
Report Issue Date : 04/01/2024**SAMPLING & ANALYSIS DATA**

Production of Industry with installed capacity : 12000 TCD& 33 MW Power

Sample Drawn On : 30/12/2023
Sample Drawn By : CPCB Team (Ms. Reena Satawan-CPCB & Dr. Ram Karan- UPPCB)
Sample Description : ETP Outlet
Sample Received On : 31/12/2023 by BHSL Utraula Unit Representative
Sample Quantity/Packing detail : 2 lt/Shield Plastic Cane
Weather Conditions : Normal
Analysis Duration : 01/01/2024 to 04/01/2024**TEST RESULTS**

S.No	Parameter	Test Method	Results	Units	Limits as per land disposal under E(P)A Rules, 1986
1.	pH	IS:3025(Part-11):1983	8.03	-	5.5 -8.5
2.	Colour	IS:3025(Part-04):1983	Colorless	Physical	-
3.	Odour	IS:3025(Part-05):1983	Odorless	-	-
4.	Total Dissolved Solid	IS:3025(Part-16):1984	2045	mg/l	2100.0
5.	Total Suspended Solid	IS:3025(Part-17):1984	97	mg/l	100.0
6.	Chemical Oxygen Demand(as O ₂)	APHA 5220 B:2005	129	mg/l	250.0
7.	Biological Oxygen Demand(as O ₂)	IS:3025(Part-44):1993	26.2	mg/l	100.0
8.	Oil & grease	IS:3025(Part-19):1984	<6.12	mg/l	10.0

Notes:

- The results given above are related to the tested sample, as received & mentioned parameters. The customer asked for the above tests only.
- Responsibility of the Laboratory is limited to the invoiced amount only.
- This test report will not be generated again, either wholly or in part, without prior written permission of the laboratory.
- The test samples will be disposed off after two weeks from the date of issue of test report, unless until specified by the customer.

CHECKED BY

AUTHORIZED SIGNATORY

Laboratory : GT-20, Sector-117, NOIDA, Gautam Budh Nagar - 201301

Branch Office :

HARIDWAR | RUDRAPUR | CHANDIGARH | DEHRADUN | PUNE

E.: noida.laboratory@gmail.com, info@noidalabs.com W.: www.noidalabs.com



NOIDA TESTING LABORATORIES

(A Government of India Approved Testing Laboratory)

(An ISO : 9001 : 2015, ISO 45001 : 2018 (OH&S) Certified & NABL Accredited Laboratory)
MoEF & CC (Ministry of Environment, Forest & Climate Change), UPPCB Recognized Laboratory

+91-9313611642, 8510081921, 7503031145, 8527870572, 7503031146, 9999794369

Analyzing for an Assured Future

TEST CERTIFICATE

Issued To: M/s Bajaj Hindusthan Sugar Ltd.
Address: Unit – Itai Maida, Utraula
District – Balrampur (U.P), India

Report Code : WW-010124-02
ULR No. : TC68142400000880F
Test Report of : Waste Water
Service Request No : NTL/SRF/01/24-015
Service Request Date : 30/12/2023
Report Issue Date : 04/01/2024

SAMPLING & ANALYSIS DATA

Production of Industry with installed capacity : 12000 TCD & 33 MW Power
Sample Drawn On : 30/12/2023
Sample Drawn By : CPCB Team (Ms. Reena Satawan-CPCB & Dr. Ram Karan- UPPCB)
Sample Description : Lagoon (Sugar)
Sample Received On : 31/12/2023 by BHSL Utraula Unit Representative
Sample Quantity/Packing detail : 2 lt/Shield Plastic Cane
Weather Conditions : Normal
Analysis Duration : 01/01/2024 to 04/01/2024

TEST RESULTS

S.No	Parameter	Test Method	Results	Units	Limits as per land disposal under E(P)A Rules, 1986
1.	pH	IS:3025(Part-11):1983	7.84	-	5.5 – 8.5
2.	Colour	IS:3025(Part-04):1983	Clear	Physical	-
3	Odour	IS:3025(Part-05):1983	Odorless	-	-
4	Total Dissolved Solid	IS:3025(Part-16):1984	2067	mg/l	2100.0
5.	Total Suspended Solid	IS:3025(Part-17):1984	96	mg/l	100.0
6.	Chemical Oxygen Demand(as O ₂)	APHA 5220 B:2005	161	mg/l	250.0
7.	Biological Oxygen Demand(as O ₂)	IS:3025(Part-44):1993	29.8	mg/l	100.0
8	Oil & grease	IS:3025(Part-19):1984	<1.0	mg/l	10.0

Notes:

- The results given above are related to the tested sample, as received & mentioned parameters. The customer asked for the above tests only.
- Responsibility of the Laboratory is limited to the invoiced amount only.
- This test report will not be generated again, either wholly or in part, without prior written permission of the laboratory.
- The test samples will be disposed off after two weeks from the date of issue of test report, unless until specified by the customer.

CHECKED BY

AUTHORIZED SIGNATORY

Laboratory : GT-20, Sector-117, NOIDA, Gautam Budh Nagar - 201301

Branch Office :

HARIDWAR | RUDRAPUR | CHANDIGARH | DEHRADUN | PUNE

E.: noida.laboratory@gmail.com, info@noidalabs.com W.: www.noidalabs.com

ANNEXURE-R-4/3

ANNEXURE-R-4/4

bajaj SUGAR bajaj hindusthan STP

Date	Flow Meter Reading M ³	STP Inlet Parameters					
		Colour	PH	COD	BOD	TSS	TDS
11/11/23	52070/47	Yellowish	7.18	154	73.8	144	674
21/11/23	52117/46	Yellowish	7.71	150.8	33.0	131	641
31/11/23	52163/45	Yellowish	7.84	140.7	26.4	119	653
1/12/23	52208/42	Yellowish	7.78	157.8	30.0	146	657
5/12/23	52250/43	Pale yellow	7.73	154.2	30.4	133	652
6/12/23	52293/48	Pale yellow	7.68	150.6	24.8	148	658
7/12/23	52341/46	Pale yellow	7.67	140.8	36.4	175	684
8/12/23	52387/47	Yellowish	7.63	147.7	22.2	151	655
9/12/23	52434/45	Yellowish	7.67	140.6	30.8	147	641
10/12/23	52479/42	Pale yellow	7.63	132	36.2	131	639
11/12/23	52521/46	Pale yellow	7.23	132.4	32.4	137	675
12/12/23	52567/45	Yellowish	7.68	144.8	34.8	147	684
13/12/23	52612/43	Yellowish	7.67	140.0	34.0	151	671
14/12/23	52655/44	Yellowish	7.78	138	36.8	129	662
15/12/23	52699/45	Yellowish	7.80	134	38.8	134	654
16/12/23	52744/46	Yellowish	7.81	140	36.4	135	674
17/12/23	52790/47	Yellowish	7.71	140	36.0	138	701
18/12/23	52837/46	Pale yellow	7.73	142	32.5	142	728
19/12/23	52883/45	Yellowish	7.70	150	34	143	682
20/12/23	52928/42	Yellowish	7.69	152.7	29	139	697
21/12/23	52970/46	Yellowish	7.73	148.8	30.8	152	684
22/12/23	53016/48	Pale yellow	7.71	152	32.4	129	654
23/12/23	53064/46	Pale yellow	7.78	146.9	30	153	713
24/12/23	53110/45	Pale yellow	7.81	138	32.8	143	733
25/12/23	53157/47	Yellowish	7.85	144	32.5	171	648
26/12/23	53202/48	Yellowish	7.88	142.7	30	144	672
27/12/23	53250/46	Pale yellow	7.78	160.2	31.5	131	632
28/12/23	53296/45	Yellowish	7.74	144.4	31.5	138	644
29/12/23	53341/43	Yellowish	7.71	178.7	22.0	137	687
30/12/23	53384/46	Pale yellow	7.69	142	32.4	144	655
31/12/23	53430/49	Yellowish	7.71	164	20.0	135	703

Plant Operator _____ Plant Operator _____

sugar ltd. UTRAULA (BALRAMPUR) LOGBOOK Month: December 2023

Colour	PH	COD	BOD	TSS	TDS	Energy Meter Reading (KWH)	Remark
Clear	7.74	40.8	10.6	19	655	2524.340	OK
Clear	7.78	40.2	10.4	19	667	2524.120	OK
Clear	7.76	42.0	10.6	19	654	2524.710	OK
Clear	7.74	44.8	10.8	20	652	2524.380	OK
Clear	7.73	44.0	10.4	21	650	2519.650	OK
Clear	7.77	43.6	10.6	22	652	2522.153	OK
Clear	7.74	43.0	10.2	21	650	2524.457	OK
Clear	7.78	44.2	10.6	20	658	2530.191	OK
Clear	7.81	42.8	10.6	21	654	2524.160	OK
Clear	7.82	40.7	10.8	19	649	2526.211	OK
Clear	7.79	42.2	10.6	22	654	2527.477	OK
Clear	7.81	43.8	10.8	19.8	667	2528.171	OK
Clear	7.83	43.8	11.0	20	671	2527.610	OK
Clear	7.80	43.8	11.2	20	672	2529.498	OK
Clear	7.86	40.10	11.2	20	672	2529.244	OK
Clear	7.78	38.00	10.8	21	688	2519.690	OK
Clear	7.78	40.6	10.5	21	687	2517.422	OK
Clear	7.74	42.8	10.5	22	683	2522.083	OK
Clear	7.81	42.2	11.0	21	654	2527.618	OK
Clear	7.80	44.7	11.7	21	682	2517.070	OK
Clear	7.78	44	12.4	20	653	2560.376	OK
Clear	7.77	44.8	12.0	20	659	2421.268	OK
Clear	7.78	48.2	12.3	21	678	2422.010	OK
Clear	7.76	46.8	14.0	22	644	2521.553	OK
Clear	7.73	46.0	14.2	21	654	2523.302	OK
Clear	7.73	44.0	14.8	20	678	2526.158	OK
Clear	7.75	45.9	15.5	20	688	2626.650	OK
Clear	7.76	45.4	16.0	19	697	2728.610	OK
Clear	7.78	42.8	16.0	20	614	2728.150	OK
Clear	7.76	42.7	15.8	20	678	2822.150	OK

Plant Operator _____ Plant Incharge _____

bajaj SUGAR bajaj hindusthan STP

Date	Flow Meter Reading M ³	Colour	STP Inlet Parameters				
			PH	COD	BOD	TSS	TDS
01/01/24	-	Yellowish	7.67	177.0	58.1	138	714
02/01/24	15254/26	Yellowish	7.51	169.9	26.4	122	676
03/01/24	15280/25	Yellowish	7.48	152.40	26.0	121	695
04/01/24	15425/49	Yellowish	7.45	148.8	35.4	136	649
05/01/24	15474/45	Pale Yellow	7.41	146.14	26.4	142	688
06/01/24	15519/44	Pale Yellow	7.46	148.3	27.4	141	642
07/01/24	15563/46	Yellowish	7.53	162.8	32.4	163	654
08/01/24	15609/47	Yellowish	7.54	170.1	32.8	157	656
09/01/24	15657/46	Yellowish	7.48	154.10	32.0	147	703
10/01/24	15702/48	Yellowish	7.64	156.2	38.8	153	683
11/01/24	15750/44	Pale Yellow	7.61	144.8	24.0	162	682
12/01/24	15794/46	Pale Yellow	7.65	148.8	22.0	148	698
13/01/24	15840/43	Yellowish	7.58	143.8	28.8	131	684
14/01/24	15883/45	Yellowish	7.44	152.8	32.6	150	652
15/01/24	15928/47	Pale yellow	7.53	149.2	31.2	141	662
16/01/24	15975/48	Yellowish	7.61	144.7	31.5	118	662
17/01/24	16023/47	Yellowish	7.44	162.2	30.8	128	653
18/01/24	16070/46	Yellowish	7.51	160.8	36.2	141	617
19/01/24	16116/42	Yellowish	7.57	158.4	35.8	120	661
20/01/24	16158/45	Yellowish	7.48	154.0	28.8	132	653
21/01/24	16203/43	Yellowish	7.55	178.2	22.4	143	669
22/01/24	16246/46	Yellowish	7.44	148.0	28.0	130	633
23/01/24	16282/47	Yellowish	7.51	144.0	22.8	107	654
24/01/24	16339/45	Yellowish	7.57	141.8	38.4	143	667
25/01/24	16384/46	Yellowish	7.43	148.2	14.0	140	671
26/01/24	16430/42	Yellowish	7.52	142.0	13.8	138	642
27/01/24	16472/						

Plant Operator

sugar ltd. UTRALA (BALRAMPUR) LOGBOOK

Month: January 2024

Colour	PH	STP Outlet Parameters				Energy Meter Reading (KWH)	Outlet Flow Meter Reading
		COD	BOD	TSS	TDS		
Clean	7.78	48.7	15.8	20	657	3060/181	52479/48
Clean	7.73	48.8	14.2	22	659	3131/453	52527/46
Clean	7.81	50.3	16.4	21	662	3171/450	52573/45
Clean	7.88	50.8	12.3	20	691	3217/270	52618/49
Clean	7.86	51.4	16.6	20	690	4274/690	52667/45
Clean	7.84	51.8	16.4	21	698	4125/671	52712/44
Clean	7.84	50.4	16.3	21	684	4168/270	52751/46
Clean	7.83	51.2	16.2	20	694	4219/651	52807/47
Clean	7.83	51.8	16.0	20	679	4263/270	52849/46
Clean	7.83	50.4	18.2	19	680	4324/430	52895/48
Clean	7.83	52.2	16.4	20	684	4391/638	52943/45
Clean	7.81	53.4	16.3	20	688	4417/660	52988/46
Clean	7.83	54.3	16.0	20	681	4470/371	53024/43
Clean	7.74	53.6	15.8	19	680	4511/419	53071/45
Clean	7.80	53.0	15.6	19	672	4560/512	53122/47
Clean	7.83	52.8	15.6	18	676	4624/671	53169/48
Clean	7.80	51.8	15.8	19	674	4668/380	53213/47
Clean	7.73	52.2	16.2	18	673	4723/120	53264/46
Clean	7.74	52.8	16.8	18	674	4771/117	53310/42
Clean	7.73	53.6	16.6	17	676	4820/181	53352/45
Clean	7.71	53.2	16.4	15	679	4864/157	53397/43
Clean	7.68	54.0	16.3	20	680	4921/615	53440/46
Clean	7.61	54.2	16.0	15	678	4968/710	53486/47
Clean	7.78	54.0	15.8	17	671	5017/353	53532/45
Clean	7.72	53.8		15	674	5070/610	53578/46
Clean	7.68	53.6		18	680	5124/601	53624/42

Plant Operator

ANNEXURE-R-4/5

Bajaj Hindusthan Sugar Ltd.

Unit- Itai Maida, Utraula, Balrampur

STP Flexible Pipeline Photograph



ANNEXURE-R-4/6

Bajaj Hindusthan Sugar Ltd.

Unit- Itai Maida, Utraula, Balrampur

Colour Coding Photos of ETP



Bajaj Hindusthan Sugar Ltd.

Unit- Itai Maida, Utraula, Balrampur

Colour Coding Photos of ETP



ANNEXURE-R-4/7

bajaj hindusthan sugar ltd. Utrala (Balrampur)

E.T.P. LOG BOOK

Date
28/11/2023

Date
28/11/23

Time	Inlet						Oil & Grease Tank		Evaporation Tank		Primary Clarifier		Aeration Tank						Secondary Clarifier / Outlet				Chemical Nutrients Consumption				Remarks
	Flow in (m ³ /hr)	pH	Temp	COD	BOD	TSS	Trash Sugar	Mechanical Oil Skimmer	O & G Collected (Kg)	pH	Mechanical Scraper	pH	Temp	DO	M.S.S	Sludge Volume Index	Air Compressor	pH	TSS	COD	BOD	Final flow in per flow meter installed	Mechanical Scraper	Urea (Kg)	DAP (Kg)	Lime (Kg)	
7 A.M.	5.5	19	-	-	-	-	Run	7.74	Run	7.65	-	-	-	-	-	-	Run	7.60	-	-	-	137911	Run	-	-	20	
8 A.M.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
9 A.M.	5.5	19	-	-	-	-	Run	7.86	Run	-	-	-	-	-	-	-	Run	7.62	-	-	-	-	-	10	5	-	
10 A.M.	-	27	141	58	101	-	-	-	-	7.63	24	2.5	24	-	-	-	-	7.47	24	222	24	-	-	-	-	10	
11 A.M.	5.0	-	-	-	-	-	Run	7.72	Run	-	-	-	-	-	-	-	Run	-	-	-	-	-	-	-	-	-	
12 Noon	-	20	-	-	-	-	-	-	-	7.72	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1 P.M.	5.0	-	-	-	-	-	Run	7.72	Run	-	-	-	-	-	-	-	Run	7.68	-	-	-	-	-	-	-	15	
2 P.M.	-	20	-	-	-	-	-	-	-	7.76	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Operator																											
3 P.M.	5.0	-	-	-	-	-	Run	7.78	Run	7.76	-	-	-	-	-	-	Run	7.72	-	-	-	-	-	-	-	-	
4 P.M.	-	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20	
5 P.M.	5.5	-	-	-	-	-	Run	7.80	Run	7.65	-	-	-	-	-	-	Run	7.76	-	-	-	-	-	-	-	-	
6 P.M.	-	21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
7 P.M.	5.5	-	-	-	-	-	Run	7.92	Run	7.78	-	-	-	-	-	-	Run	7.58	-	-	-	-	-	4	6	-	
8 P.M.	-	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20	
9 P.M.	-	-	-	-	-	-	-	7.92	Run	7.62	-	-	-	-	-	-	Run	7.62	-	-	-	-	-	-	-	-	
10 P.M.	5.5	22	-	-	-	-	Run	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15	
Operator																											
11 P.M.	-	-	-	-	-	-	-	7.86	-	7.71	-	-	-	-	-	-	Run	7.78	-	-	-	-	-	-	-	-	
12 Night	5.5	20	-	-	-	-	Run	-	Run	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10	
1 A.M.	-	-	-	-	-	-	-	7.78	-	7.74	-	-	-	-	-	-	Run	7.78	-	-	-	-	-	-	-	-	
2 A.M.	-	-	-	-	-	-	Run	-	Run	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10	
3 A.M.	5.0	20	-	-	-	-	-	7.82	-	7.72	-	-	-	-	-	-	Run	7.79	-	-	-	-	-	-	-	-	
4 A.M.	-	-	-	-	-	-	Run	-	Run	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	6	20	
5 A.M.	-	-	-	-	-	-	-	7.94	-	7.78	-	-	-	-	-	-	Run	7.76	-	-	-	-	-	-	-	-	
6 A.M.	5.0	20	-	-	-	-	Run	-	Run	-	-	-	-	-	-	-	-	-	-	-	-	137915	-	-	-	15	
Operator																											

Electrical Consumption	Initial Reading	Final Reading	Total Consumption (KW)
	723173	713675	502

Srinath

Manish

Mohit

Srinath Roy

Date
27/11/2023

bajaj hindusthan sugar Ltd. Utrala (Balrampur)

E.T.P. LOG BOOK

Time	Influent						Oil & Grease Tank		Equalization Tank	Primary Clarifier	Aeration Tank					Secondary Clarifier / Outlet				Chemical Nutrients Consumption			Remarks	
	Flow (m ³ /hr)	pH	Temp	COD	BOD	TSS	Mechanical/Oil Skimmer	D & G Collected (Kg)			pH	Temp	DO	MLSS	Sludge Volume Index	Air Compressor	pH	TSS	COD	BOD	Final flow in per flow meter installed	Mechanical/Scraper		Urea (Kg)
7 A.M.	5.5	21	-	-	-	-	Run	7.78	Run	-	24	2.2	208	Run	7.76	-	-	-	137995	Run	-	-	-	20
8 A.M.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9 A.M.	5.5	21	-	-	-	-	Run	7.76	Run	-	24	-	-	Run	7.69	-	-	-	-	Run	10	5	-	-
10 A.M.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11 A.M.	5.5	22	274	148	60	Nil	Run	7.72	Run	7.78	24	2.2	208	Run	7.68	1405	1245	85	Run	-	-	-	10	
12 Noon	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1 P.M.	5.5	22	-	-	-	-	Run	7.68	Run	-	26	-	-	Run	7.72	-	-	-	-	Run	-	-	-	-
2 P.M.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15
Operator																								
3 P.M.	5.0	23	-	-	-	-	Run	7.58	Run	-	26	-	-	Run	7.76	-	-	-	-	Run	-	-	-	-
4 P.M.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20
5 P.M.	5.0	24	-	-	-	-	Run	7.66	Run	-	27	-	-	Run	7.66	-	-	-	-	Run	4	6	-	-
6 P.M.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7 P.M.	5.5	24	-	-	-	-	Run	7.64	Run	-	24	-	-	Run	7.70	-	-	-	-	Run	-	-	-	20
8 P.M.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9 P.M.	6.0	22	-	-	-	-	Run	7.70	Run	-	24	-	-	Run	7.64	-	-	-	-	Run	-	-	-	15
10 P.M.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Operator																								
11 P.M.	5.5	22	-	-	-	-	Run	7.72	Run	-	24	-	-	Run	7.67	-	-	-	-	Run	-	-	-	10
12 Night	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1 A.M.	5.5	21	-	-	-	-	Run	7.70	Run	-	22	-	-	Run	7.72	-	-	-	-	Run	-	-	-	10
2 A.M.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3 A.M.	5.5	21	-	-	-	-	Run	7.68	Run	-	22	-	-	Run	7.74	-	-	-	-	Run	-	-	-	20
4 A.M.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	6	-	-
5 A.M.	5.5	21	-	-	-	-	Run	7.72	Run	-	22	-	-	Run	7.68	-	-	-	-	Run	-	-	-	15
6 A.M.	5.5	21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	138003
Operator																								

Electrical Consumption	Initial Reading	Final Reading	Total Consumption (KW)
	713675	714290	615

Bramanah
Operator Shift A

Manish
Operator Shift B

insaid
Operator Shift C

Site Incharge

Date
20/11/2023

bajaj hindusthan sugar ltd. Utrala (Balrampur)
E.T.P. LOG BOOK

Time	Inlet					Oil & Grease Tank			Equalization Tank		Primary Clarifier		Aeration Tank					Secondary Clarifier / Outlet				Chemicals/Nutrients Consumption			Remarks		
	Flow of Flow (L/Sec)	pH	Temp	COD	BOD	TSS	Trace Sugar	Mechanical Oil Skimmer	D & G Collected (Kg)	pH	Mechanical Skimmer	pH	Temp	DO	MLSS	Sludge Volume Index	Air Compressor	pH	TSS	COD	BOD	Final flow in per flow meter installed	Mechanical Scraper	Lime (Kg)		GAP (Kg)	Lime (Kg)
7 AM	4.45	5.5	21	-	-	-	N/A	Run	7.62	Run	7.49	24	-	25	-	-	Run	7.72	-	-	-	138863	Run	5	8	20	
8 AM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9 AM	-	5.1	21	-	-	-	N/A	Run	7.68	Run	7.64	24	-	-	-	-	Run	7.74	-	-	-	-	Run	-	-	15	
10 AM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11 AM	-	5.5	22	350	152	30	N/A	Run	7.90	Run	7.62	24	2.3	201	-	-	Run	7.70	21	128	24	-	Run	-	-	10	
12 Noon	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1 PM	-	5.5	22	-	-	-	N/A	Run	-	Run	7.69	25	-	-	-	-	Run	7.76	-	-	-	-	Run	-	-	20	
2 PM	-	-	-	-	-	-	-	-	7.76	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Operator	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3 PM	-	5.5	23	-	-	-	N/A	Run	7.66	Run	7.60	21	-	-	-	-	Run	7.74	-	-	-	-	Run	-	-	10	
4 PM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	6	-	
5 PM	-	6.0	23	-	-	-	N/A	Run	7.52	Run	7.72	21	-	-	-	-	Run	7.74	-	-	-	-	Run	-	-	15	
6 PM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7 PM	-	6.0	24	-	-	-	N/A	Run	-	Run	7.75	25	-	-	-	-	Run	7.72	-	-	-	-	Run	-	-	15	
8 PM	-	-	-	-	-	-	-	-	7.72	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9 PM	-	5.5	23	-	-	-	N/A	Run	-	Run	7.72	24	-	-	-	-	Run	7.76	-	-	-	-	Run	-	-	20	
10 PM	-	-	-	-	-	-	-	-	7.68	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Operator	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11 PM	-	5.5	21	-	-	-	N/A	Run	7.58	Run	7.72	24	-	-	-	-	Run	7.74	-	-	-	-	Run	-	-	20	
12 Night	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	5	-	
1 AM	-	5.5	21	-	-	-	N/A	Run	7.65	Run	7.74	24	-	-	-	-	Run	7.74	-	-	-	-	Run	-	-	15	
2 AM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3 AM	-	5.5	21	-	-	-	N/A	Run	7.57	Run	7.76	24	-	-	-	-	Run	7.74	-	-	-	-	Run	-	-	20	
4 AM	-	-	-	-	-	-	-	-	7.59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5 AM	-	5.5	21	-	-	-	N/A	Run	-	Run	7.76	24	-	-	-	-	Run	7.75	-	-	-	-	Run	-	-	15	
6 AM	4736	-	-	-	-	-	-	-	7.84	-	-	-	-	-	-	-	-	-	-	-	-	138163	-	-	-	-	
Operator	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Electric Consumption	Initial Reading	Final Reading	Total Consumption (KW)
	714200	714917	627

Brunnath
Operator Shift A

Manish
Operator Shift B

Manish
Operator Shift C

Manish
20/11/2023

Date
11/11/2023

bajaj hindusthan sugar ltd. Utrala (Balrampur)
E.T.P. LOG BOOK

Time	Inlet					Oil & Grease Tank			Equalization Tank		Primary Clarifier		Aeration Tank					Secondary Clarifier / Outlet					Chemical/Nutrients Consumption			Remarks	
	Flow to Pw (M ³ /hr)	pH	Temp	CO ₂	BOD	TSS	Tram Stage	Mechanical Oil Skimmer	O & G Collected (Kg)	pH	Mechanical Scraper	pH	Temp	DO	MLSS	Sludge Volume Index	Air Compressor	pH	TSS	CO ₂	BOD	Final flow in per flow meter installed	Mechanical Scraper	Line (Kg)	SDP (Kg)		Line (Kg)
7 AM	4.13	8.5	22	-	-	-	Nil	Run	7.62	Run	7.72	24	-	201	-	Run	7.76	-	-	-	138169	Run	4	6	20		
8 AM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
9 AM	-	5.5	22	-	-	-	Nil	Run	7.60	Run	7.77	24	-	-	-	Run	7.74	-	-	-	-	-	-	-	-	15	
10 AM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
11 AM	-	5.5	22	-	-	-	Nil	Run	7.64	Run	7.71	25	-	-	-	Run	7.74	-	-	-	-	-	-	-	-	10	
12 Noon	-	-	-	208	-	62	-	-	-	-	-	-	-	215	207	-	-	14	132	-	-	-	-	-	-	-	
1 PM	-	5.5	23	-	-	-	Nil	Run	7.72	Run	7.72	25	-	-	-	Run	7.78	-	-	-	-	-	-	-	-	15	
2 PM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Operator																											
3 PM	-	5.5	24	-	-	-	Nil	Run	7.74	Run	7.74	25	-	202	-	Run	7.76	-	-	-	-	-	-	-	-	20	
4 PM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
5 PM	-	6.5	24	-	-	-	Nil	Run	7.74	Run	7.74	26	-	-	-	Run	7.78	-	-	-	-	-	4	6	15		
6 PM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
7 PM	-	5.5	23	-	-	-	Nil	Run	7.76	Run	7.78	25	-	-	-	Run	7.51	-	-	-	-	-	-	-	-	-	
8 PM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10	
9 PM	-	5.5	23	-	-	-	Nil	Run	7.74	Run	7.72	26	-	-	-	Run	7.82	-	-	-	-	-	-	-	-	-	
10 PM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Operator																											
11 PM	-	5.5	22	-	-	-	Nil	Run	7.72	Run	7.78	26	-	201	-	Run	7.68	-	-	-	-	-	-	-	-	10	
12 Night	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1 AM	-	5.5	22	-	-	-	Nil	Run	7.72	Run	7.76	24	-	-	-	Run	7.58	-	-	-	-	-	-	-	-	-	
2 AM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	6	15		
3 AM	-	4.5	21	-	-	-	Nil	Run	7.74	Run	7.76	24	-	-	-	Run	7.68	-	-	-	-	-	-	-	-	-	
4 AM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
5 AM	-	5.5	21	-	-	-	Nil	Run	7.76	Run	7.78	24	-	-	-	Run	7.52	-	-	-	-	-	-	-	-	15	
6 AM	4.85	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	138256	Run	-	-	-		
Operator																											

Electrical Consumption	Initial Reading	Final Reading	Total Consumption (KW)
	714517	715485	568

Bhanu Nath
Operator Shift A

Manish
Operator Shift B

Udit
Operator Shift C

[Signature]
S. K. Singh

Date
21/11/2023

bajaj hindusthan sugar ltd. Utrala (Balrampur)
E.T.P. LOG BOOK

Time	Inlet					Oil & Grease Tank			Coagulator Tank	Primary Clarifier		Aeration Tank					Secondary Clarifier / Outlet				Remarks						
	Flow (m ³ /hr)	pH	Temp	COD	BOD	TSS	Trace Sugar	Mechanical Oil Strainer		O & G Collected (Kg)	pH	Mechanical Scraper	pH	Temp	DO	MLSS	Sludge Volume Index	Air Compressor	pH	TSS		COD	BOD	Final flow as per flow meter installed	Mechanical Scraper	Urea (kg)	DAP (kg)
7 AM	400	5.5	19	-	-	-	N/A	Run	-	7.72	Run	7.72	21	-	20%	-	Run	7.68	-	-	-	Run	Run	-	-	2.0	
8 AM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
9 AM	-	5.5	19	-	-	-	N/A	Run	-	7.68	Run	7.74	21	-	-	-	Run	7.66	-	-	-	Run	Run	4	10	15	
10 AM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
11 AM	-	5.5	20	-	-	-	N/A	Run	-	7.74	Run	7.76	24	-	-	-	Run	7.68	-	-	-	Run	Run	-	-	10	
12 Noon	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1 PM	-	5.5	20	322	201	32	N/A	Run	Very	7.70	Run	7.76	24	2.4	20%	-	Run	7.70	120	100	16	Run	Run	-	-	2.0	
2 PM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Operator																											
3 PM	-	5.5	23	-	-	-	-	Run	-	7.72	Run	7.74	-	-	20%	-	Run	7.68	-	-	-	-	Run	-	-	-	
4 PM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	6	20	
5 PM	-	5.0	25	-	-	-	N/A	Run	-	7.74	Run	7.78	-	-	-	-	Run	7.60	-	-	-	-	Run	-	-	-	
6 PM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15	
7 PM	-	5.0	27	-	-	-	-	Run	-	7.74	Run	7.78	-	-	-	-	-	-	-	-	-	Run	-	-	-	-	
8 PM	-	5.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Run	7.67	-	-	-	-	-	-	-	2.0	
9 PM	-	-	-	-	-	-	-	-	-	7.76	Run	7.72	-	-	-	-	-	-	-	-	-	Run	-	-	-	-	
10 PM	-	5.0	21	-	-	-	N/A	Run	-	-	-	-	-	-	-	-	Run	7.57	-	-	-	-	-	-	-	-	
Operator																											
11 PM	-	5.5	21	-	-	-	N/A	Run	-	7.76	Run	7.78	-	-	20%	-	Run	7.80	-	-	-	-	Run	-	-	-	
12 Night	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15	
1 AM	-	5.5	20	-	-	-	N/A	Run	-	7.73	Run	7.72	-	-	-	-	Run	7.76	-	-	-	-	Run	6	8	-	
2 AM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20	
3 AM	-	5.0	-	-	-	-	N/A	Run	-	7.72	Run	7.74	-	-	-	-	Run	7.63	-	-	-	-	Run	-	-	-	
4 AM	-	-	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10	
5 AM	-	5.5	-	-	-	-	N/A	Run	-	7.74	Run	7.72	-	-	-	-	Run	7.52	-	-	-	-	Run	-	-	-	
6 AM	11 AM	-	16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Operator																											

Electrical Consumption	Initial Reading	Final Reading	Total Consumption (KW)
	715485	716021	536

Rajyath
Operator Shift A

Manish
Operator Shift B

Mohit
Operator Shift C

Shankar Roy
Shift Incharge

Date
25/10/2023

bajaj hindusthan sugar ltd. Utrala (Balrampur)

E.T.P. LOG BOOK

Time	Inlet						Oil & Grease Tank			Coagulation Tank		Primary Clarifier		Aeration Tank						Secondary Clarifier / Outlet					Chemical/Nutrients Consumption			Remarks
	Flow as per V-Note	pH	Temp	COD	BOD	TSS	Trickles Suppl	Mechanical Oil Separator	O & G Collected (Kg)	pH	Mechanical Scraper	pH	Temp	DO	MLSS	Sludge Volume Index	Air Compressor	pH	TSS	COD	BOD	Flow as per flow meter installed	Mechanical Scraper	Urea (Kg)	DAP (Kg)	Lime (Kg)		
7 A.M	11000	5.5	21	-	-	-	N/A	Run	-	7.72	Run	7.68	24	-	-	-	Run	7.72	-	-	-	132844	Run	5	8	2.3		
8 A.M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
9 A.M	-	5.5	21	-	-	-	N/A	Run	-	7.72	Run	7.72	24	-	-	-	Run	7.72	-	-	-	-	Run	-	-	1.0		
10 A.M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
11 A.M	-	5.5	22	80	-	85	N/A	Run	-	7.74	Run	7.74	25	2.5	20%	-	Run	7.74	12.8	11	-	Run	-	-	1.5			
12 Noon	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1 P.M	-	5.5	22	-	-	-	N/A	Run	-	7.76	Run	7.76	25	-	-	-	Run	7.76	-	-	-	-	Run	-	-	2.0		
2 P.M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Operator	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
3 P.M	-	5.5	23	-	-	-	N/A	Run	-	7.72	Run	7.72	26	-	-	-	Run	7.53	-	-	-	-	-	-	-	1.5		
4 P.M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Run	-	-	-		
5 P.M	-	5.5	23	-	-	-	N/A	Run	-	7.74	Run	7.68	24	-	-	-	Run	7.63	-	-	-	-	Run	5	6	-		
6 P.M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.0		
7 P.M	-	5.5	24	-	-	-	N/A	Run	-	7.74	Run	7.74	25	-	-	-	Run	7.51	-	-	-	-	Run	-	-	-		
8 P.M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
9 P.M	-	6.5	24	-	-	-	N/A	Run	-	7.72	Run	7.8	25	-	-	-	Run	7.76	-	-	-	-	Run	-	-	2.0		
10 P.M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Operator	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
11 P.M	-	5.5	25	-	-	-	N/A	Run	-	7.76	Run	7.72	24	-	-	-	Run	7.76	-	-	-	-	Run	4	3	2.0		
12 Night	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1 A.M	-	5.5	22	-	-	-	N/A	Run	-	7.72	Run	7.70	24	-	-	-	Run	7.80	-	-	-	-	Run	-	-	1.0		
2 A.M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
3 A.M	-	5.5	22	-	-	-	N/A	Run	-	7.72	Run	7.68	22	-	-	-	Run	7.66	-	-	-	-	Run	-	-	-		
4 A.M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.0		
5 A.M	-	5.5	21	-	-	-	N/A	Run	-	7.73	Run	7.6	21	-	-	-	Run	7.76	-	-	-	-	Run	-	-	-		
6 A.M	12000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	132833	-	-	-	2.0		
Operator	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		

Electrical Consumption	Initial Reading	Final Reading	Total Consumption (KW)
	716621	716577	556

Pran Nath
Operator Shift A

Manish
Operator Shift B

Manish
Operator Shift C

Manish Roy
Site Manager

Date: 23/11/23

bajaj hindusthan sugar Ltd. Utrala (Balrampur)
E.T.P. LOG BOOK

Date	Inlet							Oil & Grease Tank		Effluent Tank		Primary Clarifier		Aeration Tank							Secondary Clarifier / Outlet					Chemical Nutrients Consumption			Remarks
	Time on Flow Rate	pH	Temp	CO2	BOD	TSS	Total Solids	Mechanical Oil Skimmer	Oil Collected (kg)	pH	Mechanical Skimmer	pH	Temp	DO	MLSS	Sludge Volume Index	Air Compressor	pH	TSS	CO2	DO	Free flow air rate (m ³ /min)	Mechanical Scraper	Time (Hr)	DWP (Hr)	Line (Hr)			
7 AM	5:5	7.4	-	-	-	-	Run	-	7.72	Run	7.64	24	-	-	-	Run	7.36	-	-	-	15.0/33	Run	-	-	-	15			
8 AM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
8 AM	5:5	7.1	-	-	-	-	Run	-	7.74	Run	7.68	24	-	-	-	Run	7.56	-	-	-	-	-	-	6	15				
10 AM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
11 AM	5:5	7.1	115	-	85	10.0	Run	-	7.72	Run	7.70	23	2.3	207	-	Run	7.46	13.45	115	-	-	-	-	-	-	-			
12 Noon	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20			
1 PM	5:5	7.1	-	-	-	-	Run	-	7.74	Run	7.72	23	-	-	-	Run	7.56	-	-	-	-	-	-	-	-	-			
2 PM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15			
Operator																													
3 PM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20			
4 PM	6:0	7.2	-	-	-	-	Run	-	7.66	Run	7.71	-	-	-	-	Run	7.60	-	-	-	-	-	-	-	-	-			
5 PM	-	-	-	-	-	-	-	-	-	-	-	-	-	207	-	-	-	-	-	-	-	-	4	6	-	-			
6 PM	6:0	7.1	-	-	-	-	Run	-	7.72	Run	7.68	-	-	-	-	Run	7.54	-	-	-	-	-	-	-	-	20			
7 PM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
8 PM	5:5	7.4	-	-	-	-	Run	-	7.76	Run	7.70	-	-	-	-	Run	7.60	-	-	-	-	-	-	-	-	15			
9 PM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
10 PM	5:5	7.1	-	-	-	-	Run	-	7.74	Run	7.74	-	-	-	-	Run	7.72	-	-	-	-	-	-	-	-	20			
Operator																													
11 PM	-	-	-	-	-	-	-	-	7.60	Run	-	-	-	-	-	Run	7.50	-	-	-	-	-	-	-	-	-			
12 Night	5:5	7.3	-	-	-	-	Run	-	-	Run	7.54	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10			
1 AM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Run	7.67	-	-	-	-	-	-	-	-	-			
2 AM	5:5	7.3	-	-	-	-	Run	-	7.57	Run	7.50	-	-	207	-	-	-	-	-	-	-	-	-	-	-	5			
3 AM	-	-	-	-	-	-	-	-	-	Run	7.61	-	-	-	-	Run	7.73	-	-	-	-	-	-	-	-	10			
4 AM	5:5	7.3	-	-	-	-	Run	-	-	-	-	-	-	-	-	Run	-	-	-	-	-	-	4	-	-				
5 AM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Run	7.07	-	-	-	-	-	-	-	-	15			
6 AM	5:15	5.3	22	-	-	-	Run	-	7.80	Run	7.50	-	-	-	-	Run	-	-	-	-	-	13.0/62	Run	-	-	-			
Operator																													

Electrical Consumption	Initial Reading	Final Reading	Total Consumption (KW)
	716577	717163	586

Dhanath
Operator Shift A

Manish
Operator Shift B

Ushil
Operator Shift C

[Signature]
Sri

Date 25/11/2022

bajaj hindusthan sugar ltd. Utrala (Balrampur)

E.T.P. LOG BOOK

Time	Inlet						DI & Grease Tank			Equalization Tank		Aeration Tank					Secondary Clarifier / Outlet					Chemical Nutrients Consumption			Remarks		
	Flow (l Per V-Meter)	pH	Temp	COD	BOD	TSS	Trace Sugar	Mechanical Oil Separator	O & G Collected (Kg)	pH	Mechanical Scraper	pH	Temp	DO	MLSS	Sudge Volume Index	Air Compressor	pH	TSS	COD	BOD	Final flow in per flow meter installed	Mechanical Scraper	Urea (Kg)		DAP (Kg)	Lime (Kg)
7 AM	215M	5.0	24	-	-	-	NIB	Run	-	7.72	Run	7.67	23	2	-	-	Run	7.72	-	-	-	130550	Run	-	-	15	
8 AM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
9 AM	5.5	20	-	-	-	-	NIB	Run	-	7.74	Run	7.67	23	-	-	-	Run	7.63	-	-	-	-	Run	4	6	10	
10 AM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
11 AM	5.5	21	815	-	-	-	NIB	Run	-	7.76	Run	7.68	24	2.5	20%	-	Run	7.56	12.5	111	-	Run	-	-	20		
12 Noon	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1 PM	5.5	21	-	-	-	-	NIB	Run	-	7.72	Run	7.74	24	-	-	-	Run	7.72	-	-	-	-	Run	-	-	-	
2 PM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15	
Operator																											
3 PM	5.5	22	-	-	-	-	NIB	Run	-	7.71	Run	7.74	24	-	-	-	Run	7.80	-	-	-	-	Run	-	-	-	
4 PM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10	
5 PM	5.0	24	-	-	-	-	NIB	Run	-	7.72	Run	7.76	24	-	-	-	Run	7.57	-	-	-	-	Run	-	-	-	
6 PM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	6	20	
7 PM	5.0	22	-	-	-	-	NIB	Run	-	7.74	Run	7.72	24	-	-	-	Run	7.67	-	-	-	-	-	-	-	-	
8 PM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Run	-	-	15	
9 PM	5.5	22	-	-	-	-	NIB	Run	-	7.76	Run	7.74	24	-	-	-	Run	-	-	-	-	-	-	-	-	-	
10 PM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7.57	-	-	-	-	Run	-	-	-	
Operator																											
11 PM	5.5	22	-	-	-	-	NIB	Run	-	7.68	Run	7.72	24	-	-	-	Run	7.56	-	-	-	-	Run	-	-	20	
12 Night	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	6	-	
1 AM	5.5	22	-	-	-	-	NIB	Run	-	7.70	Run	7.60	24	-	-	-	Run	7.58	-	-	-	-	Run	-	-	15	
2 AM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
3 AM	5.5	22	-	-	-	-	NIB	Run	-	7.75	Run	7.68	24	-	-	-	Run	7.67	-	-	-	-	Run	-	-	20	
4 AM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
5 AM	5.5	22	-	-	-	-	NIB	Run	-	7.76	Run	7.74	24	-	-	-	Run	7.62	-	-	-	-	Run	-	-	10	
6 AM	11.27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	138734	-	-	-	-	
Operator																											

Electrical Consumption	Initial Reading	Final Reading	Total Consumption (KW)
	717163	717890	727

Pram nath
Operator Shift A

Manish
Operator Shift B

masil
Operator Shift C

Site Incharge

Date
26/11/2023

bajaj hindusthan sugar ltd. Utrala (Balrampur)
E.T.P. LOG BOOK

Time	Inlet						Oil & Grease Tank			Filtration Tank		Primary Clarifier		Aeration Tank					Secondary Clarifier / Outlet				Chemicals/Nutrients Consumption			Remarks	
	Flow as per V-Note	pH	Temp	COD	BOD	TSS	Flow Sugar	Mechanical Oil Slimes	D & G Collected (kg)	pH	Mechanical Sludge	pH	Temp	DO	MLSS	Sludge Volume Index	Air Compressor	pH	TSS	COD	BOD	Final flow as per flow meter installed	Mechanical Sludge	Urea (Kg)	DAP (Kg)		Lime (Kg)
7 AM	210	6.0	22	-	-	-	Nil	Run	-	7.61	Run	7.72	24	-	-	-	Run	7.58	-	-	-	156776	Run	-	-	15	
8 AM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
9 AM	-	6.0	22	-	-	-	Nil	Run	-	7.56	Run	7.76	24	-	-	-	Run	7.64	-	-	-	-	Run	6	6	-	
10 AM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10	
11 AM	-	6.0	23	-	-	-	-	Run	-	7.60	Run	7.68	24	-	-	-	Run	7.72	-	-	-	-	Run	-	-	-	
12 Noon	-	-	-	810	-	-	85	Nil	-	-	-	-	-	1.5	250	-	-	14	108	-	-	-	-	-	-	20	
1 PM	-	6.0	23	-	-	-	-	Run	-	7.68	Run	7.70	24	-	-	-	Run	7.70	-	-	-	-	Run	-	-	-	
2 PM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Operator																											
3 PM	-	5.5	23	-	-	-	Nil	Run	-	7.72	Run	7.72	25	-	-	-	Run	7.67	-	-	-	-	Run	-	-	15	
4 PM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
5 PM	-	5.5	24	-	-	-	Nil	Run	-	7.60	Run	7.74	25	-	-	-	Run	7.68	-	-	-	-	Run	4	6	20	
6 PM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
7 PM	-	5.5	24	-	-	-	Nil	Run	-	7.58	Run	7.72	24	-	-	-	Run	7.57	-	-	-	-	Run	-	-	-	
8 PM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15	
9 PM	-	5.5	23	-	-	-	Nil	Run	-	7.60	Run	7.68	24	-	-	-	Run	7.68	-	-	-	-	Run	-	-	-	
10 PM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20	
Operator																											
11 PM	-	5.5	23	-	-	-	Nil	Run	-	7.62	Run	7.78	24	-	-	-	Run	7.52	-	-	-	-	Run	-	-	15	
12 Night	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1 AM	-	5.5	22	-	-	-	Nil	Run	-	7.64	Run	7.70	22	-	-	-	Run	7.58	-	-	-	-	Run	-	-	15	
2 AM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	6	-	-	
3 AM	-	6.0	22	-	-	-	Nil	Run	-	7.68	Run	7.76	22	-	-	-	Run	7.68	-	-	-	-	Run	-	-	20	
4 AM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
5 AM	-	6.0	21	-	-	-	Nil	Run	-	7.72	Run	7.68	24	-	-	-	Run	7.74	-	-	-	-	Run	-	-	10	
6 AM	210	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20934	-	-	-	-	
Operator																											

Electrical Consumption	Initial Reading	Final Reading	Total Consumption (KW)
	717890	718492	602

Bram Nath
Operator Shift A

Manish
Operator Shift B

usmit
Operator Shift C

(Signature)
Site In-charge

Date
07/11/2023

bajaj hindusthan sugar ltd. Utrala (Bairampur)
E.T.P. LOG BOOK

Time	Inlet						Oil & Grease Tank			Coagulation Tank	Primary Clarifier	Aeration Tank					Secondary Clarifier / Outlet				Chemical Nutrients Consumption			Remarks			
	Flow rate (m ³ /hr)	pH	Temp	COD	BOD	TSS	Trace Sugar	Mechanical Oil Skimmer	O & G Collected (Kg)			pH	Mechanical Scraper	pH	Temp	DO	MLSS	Sludge Volume Index	Air Compressor	pH	TSS	COD	BOD		Final flow rate (m ³ /hr)	Mechanical Scraper	Urea (Kg)
7 AM	2100	8.5	22	-	-	Nil	Run	-	7.60	Run	7.68	24	-	-	-	Run	7.70	-	-	-	158939	Run	-	-	-	10	
8 AM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	6	-	-	
9 AM	55	2.2	-	-	-	Nil	Run	1500	7.62	Run	7.70	24	-	-	-	Run	7.68	-	-	-	-	-	-	-	-	15	
10 AM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
11 AM	55	2.3	84	425	112	Nil	Run	-	7.69	Run	7.62	25	2.2	352	-	Run	7.72	12	110	17	-	-	-	-	24		
12 Noon	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1 PM	55	2.3	-	-	-	Nil	Run	-	7.72	Run	7.70	25	-	-	-	Run	7.70	-	-	-	-	-	-	-	-	15	
2 PM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Operator																											
3 PM	55	2.3	-	-	-	Nil	Run	-	7.72	Run	7.72	25	-	-	-	Run	7.55	-	-	-	-	-	-	-	-	-	
4 PM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15	
5 PM	55	2.1	-	-	-	Nil	Run	-	7.68	Run	7.75	24	-	-	-	Run	7.65	-	-	-	-	-	-	4	6	-	
6 PM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
7 PM	55	2.2	-	-	-	Nil	Run	-	7.70	Run	7.48	24	-	-	-	Run	7.59	-	-	-	-	-	-	-	-	10	
8 PM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
9 PM	55	2.1	-	-	-	Nil	Run	-	7.72	Run	7.72	24	-	-	-	Run	7.60	-	-	-	-	-	-	-	-	25	
10 PM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Operator																											
11 PM	55	2.1	-	-	-	Nil	Run	-	7.74	Run	7.74	22	-	-	-	Run	7.65	-	-	-	-	-	-	-	-	-	
12 Night	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20	
1 AM	60	2.1	-	-	-	Nil	Run	-	7.68	Run	7.72	22	-	-	-	Run	7.65	-	-	-	-	-	-	4	6	-	
2 AM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15	
3 AM	60	2.0	-	-	-	Nil	Run	-	7.62	Run	7.70	22	-	-	-	Run	7.64	-	-	-	-	-	-	-	-	-	
4 AM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10	
5 AM	60	2.0	-	-	-	Nil	Run	-	7.66	Run	7.72	20	-	-	-	Run	7.78	-	-	-	-	-	-	-	-	-	
6 AM	1173	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	90	
Operator																											

Electrical Consumption	Initial Reading	Final Reading	Total Consumption (KW)
	718492	719088	596

Ram Nath
Operator Shift A

Manshi
Operator Shift B

incalid
Operator Shift C

Shankar Roy
S.M.

Date
08/12/2023

bajaj hindusthan sugar ltd. Utrala (Balrampur)

E.T.P. LOG BOOK

Time	Inlet					Oil & Grease Tank		Evaporator Tank		Primary Clarifier		Aeration Tank					Secondary Clarifier / Outlet					Chemical/Nutrients Consumption			Remarks			
	Flow as per V-notch	pH	Temp	COD	BOD	TSS	Trace Sugar	Mechanics Oil Sumner	O & G Collected (kg)	pH	Mechanics Scraper	pH	Temp	DO	MLSS	Sludge Volume Index	Air Compressor	pH	TSS	COD	BOD	Final line as per flow meter installed	Mechanics Scraper	Urea (kg)		DAP (kg)	Lime (kg)	
7 AM	1070	5.7	21	-	-	-	N/A	Run	-	7.66	Run	7.72	24	-	-	-	Run	7.66	-	-	-	139773	Run	-	-	15		
8 AM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	10	-			
9 AM	5.5	2.1	-	-	-	-	N/A	Run	-	7.68	Run	7.70	24	-	-	-	Run	7.70	-	-	-	-	-	-	-	2.0		
10 AM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
11 AM	5.5	2.2	-	-	-	-	N/A	Run	-	7.72	Run	7.74	25	-	-	-	Run	7.62	-	-	-	-	-	-	-	2.0		
12 Noon	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1 PM	5.5	2.2	-	-	-	-	-	-	-	7.70	Run	7.74	25	-	-	-	Run	7.64	-	-	-	-	-	-	-	15		
2 PM	-	-	500	-	116	N/A	Run	1	-	-	-	-	2.4	25%	-	-	-	17.02	11	-	-	-	-	-	-	-		
Operator																												
3 PM	5.5	2.3	-	-	-	-	N/A	Run	-	7.72	Run	7.72	25	-	-	-	Run	7.59	-	-	-	-	-	-	-	15		
4 PM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
5 PM	5.5	2.1	-	-	-	-	N/A	Run	-	7.74	Run	7.74	25	-	-	-	Run	7.63	-	-	-	-	-	-	-	20		
6 PM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	6	-			
7 PM	5.5	2.1	-	-	-	-	N/A	Run	-	7.72	Run	7.72	24	-	-	-	Run	7.68	-	-	-	-	-	-	-	10		
8 PM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
9 PM	5.5	2.1	-	-	-	-	N/A	Run	-	7.76	Run	7.72	24	-	-	-	Run	7.78	-	-	-	-	-	-	-	-		
10 PM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15		
Operator																												
11 PM	5.5	2.2	-	-	-	-	N/A	Run	-	7.72	Run	7.74	24	-	-	-	Run	7.58	-	-	-	-	-	-	-	-		
12 Night	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20		
1 AM	5.0	2.1	-	-	-	-	N/A	Run	-	7.72	Run	7.74	24	-	-	-	Run	7.62	-	-	-	-	-	-	-	-		
2 AM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	8	10			
3 AM	5.0	2.1	-	-	-	-	N/A	Run	-	7.76	Run	7.78	21	-	-	-	Run	7.66	-	-	-	-	-	-	-	-		
4 AM	-	-	-	-	-	-	N/A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.5		
5 AM	5.0	2.1	-	-	-	-	-	-	-	7.72	Run	7.72	24	-	-	-	Run	7.65	-	-	-	-	-	-	-	-		
6 AM	10.0	-	-	-	-	-	N/A	Run	-	-	-	-	-	-	-	-	-	-	-	-	-	139759	-	-	-	10		
Operator																												

Electrical Consumption	Initial Reading	Final Reading	Total Consumption (KW)
	719086	719747	659

Bram Nath
Operator Shift A

Manish
Operator Shift B

Manish
Operator Shift C

Abhishek Roy
Site Manager

Date
09/12/2023

bajaj hindusthan sugar ltd. Utrala (Balrampur)
E.T.P. LOG BOOK

Time	Inlet						Oil & Grease Tank		Equalization Tank	Primary Clarifier	Aeration Tank					Secondary Clarifier / Outlet					Chemical/Nutrients Consumption			Remarks		
	Flow in Per Minute	pH	Temp	COD	BOD	TSS	Trace Sugar	Mechanical/ Oil Summed	O & G Collected (Kg)	pH	Mechanical Scraper	pH	Temp	DO	MLSS	Sludge Volume Index	Air Compressor	pH	TSS	COD	BOD	Final flow as per flow meter installed	Mechanical Scraper		Urea (Kg)	DAP (Kg)
7 AM	666	5.5	21	-	-	-	N/A	Run	-	7.68	Run	7.71	24	-	25%	-	Run	7.67	-	-	-	139459	Run	-	-	15
8 AM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	10	-	
9 AM	-	5.5	21	-	-	-	N/A	Run	-	7.68	Run	7.74	24	-	-	-	Run	7.57	-	-	-	-	-	-	20	
10 AM	-	-	-	-	-	-	-	15%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
11 AM	-	5.5	22	-	-	-	N/A	Run	-	7.71	Run	7.72	25	-	-	-	Run	7.50	-	-	-	-	-	-	10	
12 Noon	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1 PM	-	5.5	22	80	-	120	N/A	Run	-	7.74	Run	7.76	25	2.5	282	-	Run	-	122	110	-	-	-	-	20	
2 PM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Operator																										
3 PM	-	5.5	22	-	-	-	N/A	Run	-	7.64	Run	7.50	-	-	95%	-	Run	-	-	-	-	-	-	-	-	15
4 PM	-	-	-	-	-	-	-	-	-	-	-	7.60	-	-	-	-	-	-	-	-	-	-	-	-	-	
5 PM	-	5.5	22	-	-	-	N/A	Run	-	7.86	Run	-	-	-	-	-	Run	-	-	-	-	-	4	6	-	
6 PM	-	-	-	-	-	-	-	-	-	-	-	7.61	-	-	-	-	-	-	-	-	-	-	-	-	20	
7 PM	-	5.5	23	-	-	-	N/A	Run	-	7.96	Run	-	-	-	-	-	Run	-	-	-	-	-	-	-	-	
8 PM	-	-	-	-	-	-	-	-	-	-	-	7.63	-	-	-	-	-	-	-	-	-	-	-	-	-	
9 PM	-	5.5	23	-	-	-	N/A	Run	-	7.84	Run	-	-	-	-	-	Run	-	-	-	-	-	-	-	10	
10 PM	-	-	-	-	-	-	-	-	-	-	-	7.54	-	-	-	-	-	-	-	-	-	-	-	-	-	
Operator																										
11 PM	-	5.5	22	-	-	-	N/A	Run	-	7.60	Run	7.51	-	-	25	-	Run	-	-	-	-	-	-	-	-	15
12 Night	-	-	-	-	-	-	-	-	-	7.76	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1 AM	-	5.5	23	-	-	-	N/A	Run	-	-	Run	7.50	-	-	-	-	Run	-	-	-	-	-	6	8	50	
2 AM	-	-	-	-	-	-	-	-	-	7.90	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
3 AM	-	5.5	22	-	-	-	N/A	Run	-	-	Run	7.52	-	-	-	-	Run	-	-	-	-	-	-	-	10	
4 AM	-	-	-	-	-	-	-	-	-	7.57	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
5 AM	-	5.5	22	-	-	-	N/A	Run	-	-	Run	7.61	-	-	-	-	Run	-	-	-	-	-	-	-	20	
6 AM	1402	-	-	-	-	-	-	-	-	7.63	-	-	-	-	-	-	-	-	-	-	-	139818	-	-	-	
Operator																										

Electrical Consumption	Initial Reading	Final Reading	Total Consumption (KW)
	719747	720516	769

Bram Nath
Operator Shift A

Manish
Operator Shift B

Umesh
Operator Shift C

Signature
Site Incharge

Date
10/12/2022

bajaj hindusthan sugar Ltd. Utrala (Balrampur)

E.T.P. LOG BOOK

Time	Inlet					Oil & Grease Tank			Equalization Tank		Primary Clarifier		Aeration Tank					Secondary Clarifier / Outlet					Chemical/Nutrients Consumption			Remarks	
	Flow (m ³ /hr)	pH	Temp	COD	BOD	TSS	Trime Sugar	Mechanical Oil Skimmer	O & G Collected (Kg)	pH	Mechanical Scraper	pH	Temp	DO	MLSS	Sludge Volume Index	Air Compressor	pH	TSS	COD	BOD	Total flow (m ³ /hr)	Mechanical Scraper	Line (Kg)	DAP (Kg)		Line (Kg)
7 AM	1000	6.0	22	-	-	-	N/A	Run	7.56	Run	7.65	24	-	-	-	Run	7.62	-	-	-	139818	Run	-	-	20		
8 AM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
9 AM	-	6.0	22	-	-	-	N/A	Run	7.72	Run	7.70	24	-	-	-	Run	7.65	-	-	-	-	-	3	5	15		
10 AM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
11 AM	-	6.0	23	-	-	125	N/A	Run	7.66	Run	7.75	25	24	25%	-	Run	7.64	13.4	111	-	-	-	-	-	10		
12 Noon	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1 PM	-	6.0	23	-	-	-	N/A	Run	7.70	Run	7.74	25	-	-	-	Run	7.78	-	-	-	-	-	-	-	-		
2 PM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20		
Operator																											
3 PM	-	6.0	24	-	-	-	N/A	Run	7.68	Run	7.72	26	-	-	-	Run	7.76	-	-	-	-	-	-	5	8	20	
4 PM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
5 PM	-	6.0	24	-	-	-	N/A	Run	7.66	Run	7.72	26	-	-	-	Run	7.75	-	-	-	-	-	-	-	-	15	
6 PM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
7 PM	-	6.0	25	-	-	-	N/A	Run	7.65	Run	7.74	26	-	-	-	Run	7.78	-	-	-	-	-	-	-	-	10	
8 PM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
9 PM	-	6.0	24	-	-	-	N/A	Run	7.67	Run	7.74	25	-	-	-	Run	7.76	-	-	-	-	-	-	-	-	15	
10 PM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Operator																											
11 PM	-	5.5	23	-	-	-	N/A	Run	7.60	Run	7.56	24	-	-	-	Run	7.71	-	-	-	-	-	-	-	-	-	
12 Night	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20	
1 AM	-	5.5	23	-	-	-	N/A	Run	7.63	Run	7.68	24	-	-	-	Run	7.60	-	-	-	-	-	-	5	6	-	
2 AM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
3 AM	-	5.5	22	-	-	-	N/A	Run	7.63	Run	7.72	23	-	-	-	Run	7.62	-	-	-	-	-	-	-	-	25	
4 AM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
5 AM	-	5.5	22	-	-	-	N/A	Run	7.64	Run	7.74	23	-	-	-	Run	7.65	-	-	-	-	-	-	-	-	15	
6 AM	2000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14053	-	-	-	-		
Operator																											

Electrical Consumption	Initial Reading	Final Reading	Total Consumption (kWh)
	720516	721263	747

P. S. N. N. N.
Operator Shift A

M. M. M.
Operator Shift B

M. M. M.
Operator Shift C

M. M. M.
Site In-charge

bajaj hindusthan sugar ltd. Utrala (Balrampur)
E.T.P. LOG BOOK

Time	Inlet			Oil & Grease Tank		Coagulation Tank	Primary Clarifier	Aeration Tank					Secondary Clarifier / Outlet				Chemicals/Nutrients Consumption			Remarks								
	Flow in Pipe (m ³ /hr)	pH	Temp	COO	BOO			TSS	Mechanical Oil Skimmer	O & G Collected (Kg)	pH	Mechanical Scraper	pH	Temp	DO	M.S.S	Sludge Volume Index	Air Compressor	pH		TSS	COO	BOO	Final flow in per flow meter installed	Mechanical Scraper	Urea (Kg)	DAP (Kg)	lime (Kg)
7 AM	5.5	5.5	19	-	-	-	N/A	Run	-	7.70	Run	7.71	21	-	-	Run	7.72	-	-	-	14055	Run	4	6	20			
8 AM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
9 AM	5.5	5.5	20	-	-	-	N/A	Run	-	7.75	Run	7.75	21	-	-	Run	7.70	-	-	-	-	Run	-	-	15			
10 AM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
11 AM	5.5	5.5	20	505	425	118	N/A	Run	-	7.67	Run	7.64	23	24	25	Run	7.71	12.48	115	178	-	Run	4	-	20			
12 Noon	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1 PM	5.5	5.5	21	505	425	118	N/A	Run	-	7.68	Run	7.64	23	-	-	Run	7.75	-	-	-	-	Run	-	-	-			
2 PM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Operator																												
3 PM	6.0	6.0	23	-	-	-	N/A	Run	-	7.72	Run	7.64	24	-	-	Run	7.64	-	-	-	-	Run	4	6	15			
4 PM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
5 PM	6.0	6.0	21	-	-	-	N/A	Run	-	7.59	Run	7.61	24	-	-	Run	7.58	-	-	-	-	Run	-	-	-			
6 PM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
7 PM	6.0	6.0	21	-	-	-	N/A	Run	-	7.66	Run	7.54	24	-	-	Run	7.70	-	-	-	-	Run	-	-	-			
8 PM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
9 PM	5.5	5.5	22	-	-	-	N/A	Run	-	7.65	Run	7.58	24	-	-	Run	7.68	-	-	-	-	Run	-	-	20			
10 PM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Operator																												
11 PM	5.5	5.5	23	-	-	-	N/A	Run	-	7.66	Run	7.70	23	-	-	Run	7.74	-	-	-	-	Run	4	6	20			
12 Night	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1 AM	5.5	5.5	22	-	-	-	N/A	Run	-	7.72	Run	7.74	23	-	-	Run	7.72	-	-	-	-	Run	-	-	20			
2 AM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
3 AM	5.5	5.5	22	-	-	-	N/A	Run	-	7.73	Run	7.71	22	-	-	Run	7.74	-	-	-	-	Run	-	-	15			
4 AM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
5 AM	5.5	5.5	21	-	-	-	N/A	Run	-	7.74	Run	7.75	22	-	-	Run	7.74	-	-	-	-	Run	-	-	10			
5 AM	5.5	5.5	21	-	-	-	N/A	Run	-	7.74	Run	7.75	22	-	-	Run	7.74	-	-	-	-	Run	-	-	10			
Operator																												

Electrical Consumption	Initial Reading	Final Reading	Total Consumption (KW)
	721263	721995	732

Operator Shift A

Operator Shift B

Operator Shift C

Site Engineer

Date
12/11/2023

bajaj hindusthan sugar ltd. Utrala (Balrampur)
E.T.P. LOG BOOK

Time	Inlet						Oil & Grease Tank			Crystallizer Tank	Primary Clarifier	Aeration Tank						Secondary Clarifier / Outlet					Chemical Reagents Consumption			Remarks		
	Flow as per V. Gauge	pH	Temp	COD	BOD	TSS	Trick Sugar	Mechanical Oil Separator	D & O Collected (Kg)	pH	Mechanical Escaper	pH	Temp	DO	MLSS	Sudge Volume Index	Air Compressor	pH	TSS	COD	BOD	Final flow as per flow meter outlet	Mechanical Scraper	Line (Kg)	GAP (Kg)		Line (Kg)	
7 AM	55	22	-	-	-	-	Run	-	7.62	Run	7.72	24	-	-	-	Run	7.72	-	-	-	140580	Run	4	6	15			
8 AM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
9 AM	55	22	-	-	-	-	Run	-	7.63	Run	7.68	24	-	-	-	Run	7.68	-	-	-	-	-	-	-	-	10		
10 AM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
11 AM	55	21	66	-	90	Nil	Run	500	7.68	Run	7.68	25	24	250	-	Run	7.70	13	110	-	-	-	Run	-	-	15		
12 Noon	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1 PM	55	23	-	-	-	-	Run	-	7.72	Run	7.71	25	-	-	-	Run	7.74	-	-	-	-	-	-	-	-	20		
2 PM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Operator																												
3 PM	55	23	-	-	-	Nil	Run	-	7.71	Run	7.68	-	-	-	-	Run	7.72	-	-	-	-	-	Run	4	6	20		
4 PM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
5 PM	60	23	-	-	-	Nil	Run	-	7.73	Run	7.66	-	-	-	-	Run	7.71	-	-	-	-	-	Run	-	-	-		
6 PM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15		
7 PM	60	24	-	-	-	Nil	Run	-	7.60	Run	7.62	-	-	-	-	Run	7.68	-	-	-	-	-	Run	-	-	-		
8 PM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
9 PM	60	24	-	-	-	Nil	Run	-	7.62	Run	7.66	-	-	-	-	Run	7.72	-	-	-	-	-	Run	-	-	20		
10 PM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Operator																												
11 PM	55	23	-	-	-	Nil	Run	-	7.68	Run	7.71	-	-	-	-	Run	7.71	-	-	-	-	-	Run	4	6	20		
12 Night	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1 AM	55	23	-	-	-	Nil	Run	-	7.73	Run	7.75	-	-	-	-	Run	7.72	-	-	-	-	-	Run	-	-	20		
2 AM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
3 AM	55	22	-	-	-	Nil	Run	-	7.71	Run	7.78	-	-	-	-	Run	7.73	-	-	-	-	-	Run	-	-	15		
4 AM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
5 AM	55	21	-	-	-	Nil	Run	-	7.70	Run	7.60	-	-	-	-	Run	7.75	-	-	-	-	-	Run	-	-	10		
6 AM	1178	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	140967	-	-	-	-		
Operator																												

Electrical Consumption	Initial Reading	Final Reading	Total Consumption (KW)
	721475	722873	1398

Ravi
Operator Shift A

Manish
Operator Shift B

Udit
Operator Shift C

Subhan Singh
Site Manager

Date
11/11/2023

bajaj hindusthan sugar ltd. Utrala (Balrampur)

E.T.P. LOG BOOK

Time	Inlet				Oil & Grease Tank		Equalization Tank		Primary Clarifier		Aeration Tank						Secondary Clarifier / Outlet				Chemicals/Slime Consumption			Remarks					
	Flow in Pipe (m ³ /hr)	pH	Temp	COO	BOO	TSS	Total Sugar	Mechanical Oil Skimmer	O & G Collected (Kg)	pH	Mechanical Scraper	pH	Temp	DO	M.S.S	Sludge Volume Index	Air Compressor	pH	TSS	COO	BOO	Total flow per flow meter installed	Mechanical Scraper		Urea (Kg)	DAP (Kg)	Slime (Kg)		
7 AM	5.5	19	-	-	-	-	Nil	Run	-	7.72	Run	7.71	22	4.5	257	-	Run	7.66	-	-	-	140757	Run	6	8	20			
8 AM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
9 AM	5.5	19	-	-	-	-	Nil	Run	-	7.73	Run	7.72	22	-	-	-	Run	7.72	-	-	-	-	Run	-	-	-	-		
10 AM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15	
11 AM	5.5	20	795	-	122	Nil	Run	-	7.75	Run	7.74	23	2.4	251	-	Run	7.74	15	119	-	-	-	Run	-	-	-	-		
12 Noon	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20	
1 PM	5.5	21	-	-	-	Nil	Run	-	7.68	Run	7.68	24	-	-	-	-	Run	7.70	-	-	-	-	Run	-	-	-	-		
2 PM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10	
Operator																													
3 PM	6.0	23	-	-	-	Nil	Run	-	7.68	Run	7.68	24	-	-	-	-	Run	7.71	-	-	-	-	Run	-	-	-	-	20	
4 PM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
5 PM	6.6	23	-	-	-	Nil	Run	-	7.72	Run	7.72	23	-	-	-	-	Run	7.73	-	-	-	-	Run	-	-	-	-		
6 PM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20	
7 PM	6.6	24	-	-	-	Nil	Run	-	7.72	Run	7.75	23	-	-	-	-	Run	7.74	-	-	-	-	Run	-	-	-	-		
8 PM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15	
9 PM	6.6	24	-	-	-	Nil	Run	-	7.74	Run	7.68	23	-	-	-	-	Run	7.66	-	-	-	-	Run	-	-	-	-		
10 PM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10	
Operator																													
11 PM	5.5	22	-	-	-	Nil	Run	-	7.73	Run	7.72	24	-	-	-	-	Run	7.70	-	-	-	-	Run	-	-	-	-	20	
12 Night	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1 AM	5.5	22	-	-	-	Nil	Run	-	7.71	Run	7.70	22	-	-	-	-	Run	7.72	-	-	-	-	Run	-	-	-	-	15	
2 AM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
3 AM	5.0	21	-	-	-	Nil	Run	-	7.74	Run	7.75	21	-	-	-	-	Run	7.76	-	-	-	-	Run	-	-	-	-	10	
4 AM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
5 AM	5.0	21	-	-	-	Nil	Run	-	7.75	Run	7.76	21	-	-	-	-	Run	7.78	-	-	-	-	Run	-	-	-	-	15	
6 AM	5.119	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	141361	-	-	-	-	-		
Operator																													

Electrical Consumption	Initial Reading	Final Reading	Total Consumption (KW)
	722875	723842	969

Operator Shift A

Operator Shift B

Operator Shift C

(Signature)

Date: 10/11/2017

bajaj hindusthan sugar ltd. Utrala (Balrampur)

E.T.P. LOG BOOK

Time	Inlet						Oil & Grease Tank		Equalization Tank		Primary Clarifier		Aeration Tank						Secondary Clarifier / Outlet				Chemical/Nutrients Consumption			Remarks	
	Flow (m ³ /hr)	pH	Temp	COO	BOD	TSS	Total Sugar	Mechanical Oil (litres)	O & G Collected (Kg)	pH	Mechanical Scraper	pH	Temp	DO	MLSS	Solids Volume Index	Air Compressor	pH	TSS	COO	BOD	Flow (m ³ /hr) meter installed	Mechanical Scraper	Line (Kg)	DAP (Kg)		Line (Kg)
7 AM	2700	5.5	19	-	-	-	Nil	Run	-	7.66	Run	7.76	22	2.4	257	-	Run	7.66	-	-	-	1413.81	Run	4	6	20	
8 AM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
9 AM	-	5.5	19	-	-	-	Nil	Run	-	7.70	Run	7.72	22	-	-	-	Run	7.70	-	-	-	-	Run	-	-	15	
10 AM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
11 AM	-	5.5	20	798	-	111	Nil	Run	-	7.72	Run	7.61	22	-	-	-	Run	7.66	12	116	-	-	Run	-	-	20	
12 Noon	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1 PM	-	5.5	20	798	-	111	Nil	Run	-	7.74	Run	7.66	23	2.4	257	-	Run	7.70	12	116	-	-	Run	-	-	15	
2 PM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Operator																											
3 PM	-	6.0	21	-	-	-	Nil	Run	-	7.68	Run	7.70	23	-	-	-	Run	7.71	-	-	-	-	Run	4	6	20	
4 PM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
5 PM	-	6.0	21	-	-	-	Nil	Run	-	7.70	Run	7.72	23	-	-	-	Run	7.72	-	-	-	-	Run	-	-	10	
6 PM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
7 PM	-	5.5	22	-	-	-	Nil	Run	-	7.72	Run	7.74	24	-	-	-	Run	7.75	-	-	-	-	Run	-	-	15	
8 PM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
9 PM	-	5.5	20	-	-	-	Nil	Run	-	7.75	Run	7.72	23	-	-	-	Run	7.76	-	-	-	-	Run	-	-	20	
10 PM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Operator																											
11 PM	-	5.5	20	-	-	-	Nil	Run	-	7.68	Run	7.71	23	-	-	-	Run	7.68	-	-	-	-	Run	4	6	15	
12 Night	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1 A.M	-	6.0	19	-	-	-	Nil	Run	-	7.66	Run	7.73	22	-	-	-	Run	7.77	-	-	-	-	Run	-	-	20	
2 A.M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
3 A.M	-	6.0	19	-	-	-	Nil	Run	-	7.64	Run	7.75	22	-	-	-	Run	7.62	-	-	-	-	Run	-	-	10	
4 A.M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
5 A.M	-	6.0	19	-	-	-	Nil	Run	-	7.66	Run	7.76	22	-	-	-	Run	7.74	-	-	-	-	Run	-	-	15	
6 A.M	11000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14174.5	-	-	-	-	
Operator																											

Electrical Consumption	Initial Reading	Final Reading	Total Consumption (KW)
	725642	724979	663

Kanishk
Operator Shift A

Monish
Operator Shift B

Manoj
Operator Shift C

[Signature]
Operator Shift D

Date
17/11/20

bajaj hindusthan sugar ltd. Utrala (Balrampur)

E.T.P. LOG BOOK

Time	Infl					Oil & Grease Tank		Equalizer Tank		Primary Clarifier		Aeration Tank					Secondary Clarifier / Outlet				Chemical/Reagents Consumption			Remarks				
	Flow (m ³ /hr)	pH	Temp	COO	BOD	TSS	Thick Sludge	Mechanics/Oil Sample	O & G Collected (Kg)	pH	Mechanics/Sludge	pH	Temp	DO	MLSS	Sludge Volume Index	Air Compressor	pH	TSS	COO	BOO	Flow (m ³ /hr)	Mechanics/Sludge		Line (Mg)	GAP (Kg)	Line (kg)	
7AM	5.5	7.5	20	-	-	-	Run	-	7.76	Run	7.68	24	2.5	2.5	-	Run	7.71	-	-	-	141743	Run	4	6	10			
8AM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
9AM	5.5	24	-	-	-	Run	-	7.72	Run	7.72	24	2.5	-	-	-	Run	7.74	-	-	-	-	Run	-	-	20			
10AM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
11AM	5.5	20	819	-	116	Run	-	7.70	Run	7.70	24	2.5	-	-	-	Run	7.75	12.0	12.0	-	-	Run	-	-	15			
12 Noon	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1PM	6.0	21	-	-	-	Run	-	7.68	Run	7.72	24	2.5	-	-	-	Run	7.76	-	-	-	-	Run	-	-	20			
2PM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Operator																												
3PM	6.0	22	-	-	-	Run	-	7.72	Run	7.68	24	2.5	-	-	-	Run	7.68	-	-	-	-	Run	4	6	20			
4PM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
5PM	6.0	22	-	-	-	Run	-	7.74	Run	7.68	24	2.5	-	-	-	Run	7.70	-	-	-	-	Run	-	-	10			
6PM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
7PM	6.0	21	-	-	-	Run	-	7.70	Run	7.64	24	2.5	-	-	-	Run	7.72	-	-	-	-	Run	-	-	15			
8PM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
9PM	5.5	21	-	-	-	Run	-	7.75	Run	7.69	24	2.5	-	-	-	Run	7.66	-	-	-	-	Run	-	-	20			
10PM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Operator																												
11PM	5.5	21	-	-	-	Run	-	7.73	Run	7.72	24	2.5	-	-	-	Run	7.68	-	-	-	-	Run	4	6	15			
12 Night	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1AM	5.5	20	-	-	-	Run	-	7.72	Run	7.70	23	2.5	-	-	-	Run	7.71	-	-	-	-	Run	-	-	15			
2AM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
3AM	5.5	20	-	-	-	Run	-	7.74	Run	7.68	23	2.5	-	-	-	Run	7.73	-	-	-	-	Run	-	-	20			
4AM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
5AM	5.5	14	-	-	-	Run	-	7.76	Run	7.74	23	2.5	-	-	-	Run	7.75	-	-	-	-	Run	-	-	25			
6AM	5.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14204	-	-	-	-		
Operator																												

Electric Consumption	Initial Reading	Final Reading	Total Consumption (KW)
	724979	726176	1197

Pranish
Operator Shift A

Manish
Operator Shift B

Manish
Operator Shift C

Manish
Signature

Date: 17/11/2015

bajaj hindusthan sugar ltd. Utrala (Balrampur)

E.T.P. LOG BOOK

Time	Inlet					Oil & Grease Tank		Evaporation Tank		Aeration Tank					Secondary Clarifier / Outlet				Chemical/Nutrients Consumption			Remarks					
	Flow as per meter	pH	Temp	COD	BOD	TSS	Trickles Sugar	Mechanical/ Oil Skimmer	O & G Collected (Kg)	pH	Mechanical Scraper	pH	Temp	DO	MLSS	Sludge Volume Index	Air Compressor	pH	TSS	COD	BOD		Flow as per flow meter installed	Mechanical/ Scraper	Urea (Kg)	DAP (Kg)	Lime (Kg)
7 AM	8128	5.5	21	-	-	-	Nil	Run	-	7.51	Run	7.67	29	-	-	-	Run	7.67	-	-	-	142104	Run	-	-	-	
8 AM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20	
9 AM	-	5.5	21	-	-	-	-	-	-	-	Run	22	-	-	-	-	-	-	-	-	-	-	-	4	0	-	
10 AM	-	-	-	-	-	-	Nil	Run	-	7.67	-	7.73	-	25%	-	-	Run	7.74	-	-	-	-	-	-	-	-	
11 AM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20	
12 Noon	-	5.5	22	-	-	-	-	-	-	-	Run	22	-	35%	-	-	-	-	-	-	-	-	-	-	-	-	
1 PM	-	-	22	-	-	-	115	Run	-	7.54	-	7.52	-	-	-	-	-	7.68	12-01	115	-	-	-	-	-	-	
2 PM	-	6.0	22	-	-	-	Nil	-	-	-	Run	23	-	-	-	-	Run	-	-	-	-	-	-	-	-	20	
Operator																											
3 PM	-	-	-	-	-	-	-	-	-	7.68	-	7.62	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
4 PM	-	6.0	22	-	-	-	-	Run	-	-	Run	23	-	-	-	-	Run	7.73	-	-	-	-	-	-	-	-	
5 PM	-	-	-	-	-	-	Nil	-	-	-	-	-	-	28%	-	-	-	-	-	-	-	-	-	3	5	15	
6 PM	-	-	-	-	-	-	-	-	-	7.55	-	7.74	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
7 PM	-	6.0	21	-	-	-	-	Run	-	-	Run	24	-	-	-	-	Run	7.60	-	-	-	-	-	-	-	-	
8 PM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
9 PM	-	-	-	-	-	-	Nil	-	-	7.63	-	7.59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15
10 PM	-	6.0	21	-	-	-	-	Run	-	-	Run	24	25%	-	-	-	Run	7.63	-	-	-	-	-	-	-	-	
Operator																											
11 PM	-	-	-	-	-	-	-	-	-	-	-	7.62	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20
12 Night	-	6.0	-	-	-	-	Nil	Run	-	7.73	Run	23	-	-	-	-	Run	7.63	-	-	-	-	-	-	-	-	
1 AM	-	-	20	-	-	-	-	-	-	-	-	-	-	-	-	-	Run	-	-	-	-	-	-	-	-	-	
2 AM	-	-	-	-	-	-	-	-	-	-	-	7.64	-	25%	-	-	-	-	-	-	-	-	-	-	-	-	20
3 AM	-	6.0	20	-	-	-	-	Run	-	7.60	-	23	-	-	-	-	2-29	-	-	-	-	-	Run	4	5	-	
4 AM	-	-	-	-	-	-	Nil	-	-	-	Run	-	-	25%	-	-	Run	-	-	-	-	-	-	-	-	-	
5 AM	-	-	-	-	-	-	-	-	-	-	-	7.60	22	-	-	-	-	7.60	-	-	-	-	-	-	-	-	15
6 AM	910	6.0	23	-	-	-	-	Run	-	7.53	-	-	-	-	-	-	-	-	-	-	-	142476	Run	-	-	-	
Operator																											

Electrical Consumption	Initial Reading	Final Reading	Total Consumption (KW)
	726176	727304	1128

Bhramanath
Operator Shift A

Manish
Operator Shift B

udit
Operator Shift C

J. S. Roy

bajaj hindusthan sugar Ltd. Utrala (Balrampur)
E.T.P. LOG BOOK

Time	PWT							C1 & C2 Feed Tank			Evaporator Tank	Primary Clarifier	Aeration Tank					Secondary Clarifier / Gade				Chemicals/Fuel/Consumption			Remarks		
	Flow in the Pipe	PH	Temp	SS	DO	TSS	Water Supply	Mechanics / Operator	12 & 15 (liters/hr)	PH			Mechanics / Operator	PH	Temp	DO	MLSS	Sludge Volume Index	Air Consumption	PH	Temp	DO	SS	Flow in the Pipe (liters/hr)		Mechanics / Operator	10kg (kg)
7 AM	6.15	6.0	22				Nil	Run	7.60		Run	7.60	22	2.5	247		Run	7.60				142096	Run			2.5	
8 AM											Run																
9 AM													23														
10 AM	6.40	6.0	22				Nil	Run	7.76		Run	7.76		267		Run	7.76										
11 AM							Nil	Run			Run																15
12 Noon			21										23														
1 PM	6.0	6.0	21	41.5	65				7.67			7.67					Run	7.66	11.07	11.1	10.5						
2 PM			21								Run		23														15
Operator																											
3 PM	6.0						Nil						25														
4 PM			21					Run	7.60			7.60					Run	7.74									
5 PM											Run		23												5	6	2.0
6 PM	5.5	5.5	21																				Run				
7 PM												7.56		20													
8 PM							Nil	Run	7.72				22				Run										2.0
9 PM	5.5	5.1									Run																
10 PM												7.76											Run				
Operator																											
11 PM	5.5						Nil		7.85				22	2.5													1.5
12 Night			20					Run			Run	7.67					Run						Run	3	7		
1 AM																		7.60									
2 AM	5.5																										2.0
3 AM			20				Nil		7.60	Run	7.81	21		267									Run				
4 AM																	Run	7.60									
5 AM	6.0	5.9						Run				21															1.5
6 AM	5.4						Nil		7.81	Run	7.81							7.53				142062	Run				
Operator																											

Electrical Consumption	Initial Reading	Final Reading	Total Consumption (kWh)
	727304	728429	1125

Prasenjit Operator Shift A
 Manish Operator Shift B
 Mustaf Operator Shift C
 Chandra Pr

Date: 13/01/22

bajaj hindusthan sugar ltd. Utrala (Balrampur)

E.T.P. LOG BOOK

Time	Inlet							Evaporator Tank			Primary Clarifier		Aeration Tank				Secondary Clarifier / Outlet				Chemicals/Sludge Consumption			Remarks	
	Flow at the Inlet (MGD)	PH	Temp	DO	BOD	TSS	Sludge Supply	Mechanics (OK/Down)	T & O (Checked/Not)	PH	Temp	DO	MLSS	Sludge Volume Index	Air Compressor	PH	TSS	DO	BOD	Flow Rate at the outlet (MGD)	Mechanics (OK/Down)	Line (OK/NG)	Sludge (kg)		Line (kg)
1AM	7.00	5.0	23	-	-	-	-	Run	-	7.00	-	7.60	22	-	Run	-	-	-	-	142862	Run	-	-	-	-
2AM	-	-	-	-	-	-	Nil	-	-	Run	-	-	-	-	7.50	-	-	-	-	-	-	-	-	-	15
3AM	-	-	-	-	-	-	-	-	-	-	-	-	260	-	-	-	-	-	-	-	-	4	6	-	-
4AM	5.5	21	20	-	-	-	-	Run	-	7.90	-	7.70	23	-	Run	-	15	100	-	-	Run	-	-	-	20
5AM	-	-	-	-	-	-	Nil	-	-	Run	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6AM	5.5	23	-	-	-	-	Nil	-	-	-	-	-	2.5	-	-	-	-	-	-	-	-	-	-	-	-
7AM	5.5	-	-	-	-	-	-	Run	-	7.60	-	7.60	23	-	-	-	-	-	-	-	Run	-	-	-	15
8AM	-	-	-	-	-	-	-	-	-	Run	-	-	-	-	Run	-	-	-	-	-	-	-	-	-	-
9AM	5.5	22	-	-	-	-	Nil	Run	-	-	-	-	-	-	7.70	-	-	-	-	-	Run	-	-	-	15
10AM	-	-	-	-	-	-	-	Run	-	7.80	-	7.70	-	-	-	-	-	-	-	-	-	-	-	-	-
11AM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12Might	6.0	20	-	-	-	-	-	-	-	7.60	Run	-	22	-	-	-	-	-	-	-	Run	-	-	-	20
1AM	-	-	-	-	-	-	Nil	Run	-	-	-	7.60	-	-	Run	7.70	-	-	-	-	-	3	6	-	-
2AM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15
3AM	6.5	-	-	-	-	-	-	-	-	7.90	Run	-	22	-	-	-	-	-	-	-	Run	-	-	-	-
4AM	-	20	-	-	-	-	Nil	Run	-	-	-	7.60	-	-	-	-	-	-	-	-	-	-	-	-	-
5AM	6.0	-	-	-	-	-	-	-	-	-	-	-	-	Run	-	-	-	-	-	-	-	-	-	-	15
6AM	7.0	20	-	-	-	-	-	-	-	8.0	Run	7.50	23	-	-	-	-	-	-	-	143733	Run	-	-	-

Electrical Consumption	Initial Reading	Final Reading	Total Consumption (kWh)
	726459	729506	3047

Prasanna
Operator Shift A

Manish
Operator Shift B

Manish
Operator Shift C

Manish
Date: 13/01/22

Date
10/11/2023

bajaj hindusthan sugar ltd. Utrala (Balrampur)

E.T.P. LOG BOOK

Time	Inlet				G1 & Grease Tank				Equalization Tank		Primary Clarifier		Aeration Tank				Secondary Clarifier / Outlet				Chemical/Sludge Consumption			Remarks			
	Flow as per meter	pH	Temp	CO2	BOD	TSS	Flow Rate	Mechanics Oil Summary	G & G Collected (kg)	pH	Mechanics Sludge	pH	Temp	DO	MLSS	Sludge Volume Index	Air Compressor	pH	TSS	CO2	600	Final flow as per flow meter outlet	Mechanics Sludge		Line (kg)	GAP (kg)	Line (kg)
7 AM	60	22	-	-	-	-	Nil	Run	-	7.67	Run	7.69	-	-	-	-	Run	7.60	-	-	-	143533	Run	-	-	20	
8 AM	-	-	-	-	-	-	-	-	-	-	-	20	9.6	-	-	-	-	-	-	-	-	-	-	4	6	-	
9 AM	-	-	-	-	-	-	-	-	-	-	-	9.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
10 AM	60	21	-	-	-	-	Nil	Run	-	7.68	Run	7.69	-	-	-	-	Run	7.61	-	-	-	-	-	-	-	25	
11 AM	-	-	-	-	-	-	-	-	-	-	-	23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
12 Noon	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1 PM	60	22	2.4	-	112	-	Nil	Run	-	7.74	Run	7.81	-	-	-	-	-	7.58	133	119	-	-	-	-	-	20	
2 PM	-	-	-	-	-	-	-	-	-	-	-	23	-	-	-	-	Run	-	-	-	-	-	-	-	-	-	
Operator																											
3 PM	-	-	22	-	-	-	-	Run	-	-	-	7.67	-	-	-	-	-	7.61	-	-	-	-	-	-	-	-	
4 PM	55	-	-	-	-	-	Nil	-	-	7.68	Run	-	-	-	-	-	Run	-	-	-	-	-	-	-	3	4	20
5 PM	-	-	-	-	-	-	-	-	-	-	-	23	267	-	-	-	-	-	-	-	-	-	-	-	-	-	
6 PM	-	23	-	-	-	-	-	Run	-	-	-	7.60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
7 PM	55	-	-	-	-	-	Nil	-	-	7.73	Run	-	-	-	-	-	Run	7.69	-	-	-	-	-	-	-	-	15
8 PM	-	-	-	-	-	-	-	-	-	-	-	24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
9 PM	-	23	-	-	-	-	-	-	-	-	-	7.71	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
10 PM	55	-	-	-	-	-	Nil	Run	-	7.65	Run	-	-	-	-	-	Run	7.52	-	-	-	-	-	-	-	-	10
Operator																											
11 PM	-	-	-	-	-	-	-	-	-	-	-	24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
12 Night	-	23	-	-	-	-	-	-	-	-	Run	7.70	-	-	267	-	-	-	-	-	-	-	-	-	3	5	20
1 AM	55	-	-	-	-	-	Nil	Run	-	7.70	-	-	-	-	-	-	Run	7.51	-	-	-	-	-	-	-	-	
2 AM	-	-	-	-	-	-	-	-	-	-	-	24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
3 AM	-	22	-	-	-	-	-	-	-	-	Run	7.67	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20
4 AM	60	-	-	-	-	-	Nil	-	-	7.67	-	-	-	-	-	-	-	7.76	-	-	-	-	-	-	-	-	
5 AM	-	-	-	-	-	-	-	Run	-	-	-	23	-	-	-	-	Run	-	-	-	-	-	-	-	-	-	
6 AM	60	20	-	-	-	-	-	-	-	-	Run	7.60	-	-	-	-	-	-	-	-	-	143569	-	-	-	-	
Operator																											

Electrical Consumption	Initial Reading	Final Reading	Total Consumption (kWh)
	729706	730712	1206

Hemant
Operator Shift A

Manish
Operator Shift B

msi
Operator Shift C

[Signature]
Sig. Incharge

bajaj hindusthan sugar ltd. Utrala (Balrampur)

E.T.P. LOG BOOK

Time	Inlet					Dilution Tank					Aeration Tank					Secondary Clarifier / Outlet					Chemical/Nutrient Consumption			Remarks	
	Flow Rate (L/Min)	PH	Temp	DO	BOD	Flow Rate	Mechanics Run/Stop	D.O. Level (mg/l)	PH	Mechanics Run/Stop	DO	Temp	DO	MLSS	Sludge Volume Index	Air Compressor	PH	TSS	DO	BOD	Flow Rate (per 100 m ³ effluent)	Mechanics Run/Stop	Urea Kg		SP Kg
7 AM	5.0	7.0	25	-	-	N/A	-	7.82	-	7.67	23	25	-	-	-	Run	7.65	-	-	-	143769	Run	-	-	10
8 AM	-	-	-	-	-	Run	-	-	Run	-	-	-	27	-	-	-	-	-	-	-	-	-	4	6	-
9 AM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10 AM	6.0	7.0	25	-	-	N/A	-	7.76	-	7.66	23	25	-	-	-	Run	7.73	-	-	-	-	-	-	-	10
11 AM	-	-	-	-	-	Run	-	-	Run	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12 Noon	-	-	-	-	-	-	-	-	-	-	-	25	-	-	-	-	-	-	-	-	-	-	-	-	-
1 PM	5.5	7.0	25	4.2	114	-	-	7.82	-	-	23	27	-	-	-	7.61	12.0	11.5	21.5	-	Run	-	-	20	
2 PM	-	-	-	-	-	N/A	Run	-	Run	7.67	-	-	-	-	-	Run	-	-	-	-	-	-	-	-	-
Operator	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3 PM	5.5	-	-	-	-	-	-	-	-	24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4 PM	-	8.2	-	-	-	Run	-	7.68	Run	-	-	-	-	-	-	7.72	-	-	-	-	Run	5	5	20	
5 PM	-	-	-	-	-	N/A	-	-	-	7.8	-	27	-	-	-	Run	-	-	-	-	-	-	-	-	-
6 PM	5.5	-	-	-	-	-	-	-	-	24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7 PM	-	8.1	-	-	-	Run	-	7.67	Run	-	-	-	-	-	-	7.54	-	-	-	-	-	-	-	-	-
8 PM	-	-	-	-	-	N/A	-	-	-	23	-	-	-	-	-	Run	-	-	-	-	Run	-	-	25	
9 PM	5.5	-	-	-	-	-	-	-	-	23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10 PM	-	8.1	-	-	-	Run	-	7.67	-	-	-	-	-	-	-	7.61	-	-	-	-	-	-	-	-	-
Operator	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11 PM	5.5	-	-	-	-	N/A	-	-	Run	23	-	-	-	-	-	Run	-	-	-	-	Run	-	-	20	
12 Night	-	-	-	-	-	-	-	-	-	7.68	-	-	-	-	-	-	-	-	-	-	-	3	6	-	
1 AM	-	8.0	-	-	-	Run	-	7.75	-	-	27	-	-	-	-	7.74	-	-	-	-	-	-	-	-	
2 AM	5.5	-	-	-	-	N/A	-	-	-	22	-	-	-	-	-	-	-	-	-	-	Run	-	-	10	
3 AM	-	-	-	-	-	-	-	-	Run	7.62	-	-	-	-	-	Run	-	-	-	-	-	-	-	-	
4 AM	-	8.0	-	-	-	Run	-	7.52	-	-	-	-	-	-	-	7.58	-	-	-	-	-	-	-	-	
5 AM	6.0	-	-	-	-	N/A	-	-	-	22	-	-	-	-	-	-	-	-	-	-	-	-	-	15	
6 AM	5.5	7.0	20	-	-	-	-	-	Run	7.64	-	-	-	-	-	Run	-	-	-	-	143970	Run	-	-	-
Operator	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

Overall Consumption	Initial Reading	Final Reading	Total Consumption (KWh)
	774	7916.80	11.68

Premendra
Operator Shift A

Mamun
Operator Shift B

Umesh
Operator Shift C

Siddhanta Ray
Site Manager

bajaj hindusthan sugar ltd. Utrala (Balrampur)
E.T.P. LOG BOOK

Handwritten notes:
Date: 11/11/17

Time	Inlet						Oil & Grease Tank		Equalizer Tank		Primary Clarifier		Aeration Tank						Secondary Clarifier / Outlet						Chemical/Nutrients Consumption			Remarks
	Flow in Pipe (M ³ /hr)	pH	Temp	COD	BOD	TSS	Trace Sugar	Mechanical Oil Skimmer	O & G Collected (kg)	pH	Mechanical Scraper	pH	Temp	DO	MLSS	Sludge Volume Index	Air Compressor	pH	TSS	COD	BOD	Final flow in per flow meter installed	Mechanical Scraper	Urea (Kg)	DAP (Kg)	Lime (Kg)		
7 AM	6.0	6.0	-	-	-	-	Nil	Run	7.83	Run	7.69	23	25	-	-	Run	-	-	-	-	-	143770	Run	-	-	-		
8 AM	-	2.2	-	-	-	-	-	-	-	-	-	-	-	277	-	-	-	7.56	-	-	-	-	-	-	-	1.0		
9 AM	-	5.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	-		
10 AM	-	23	8.20	-	-	-	Nil	Run	7.76	Run	7.67	23	25	277	-	Run	7.67	14	116	-	-	-	Run	-	-	-	-	
11 AM	-	23	8.20	-	-	-	Nil	Run	-	-	-	-	-	-	-	-	-	7.63	14	116	-	-	-	-	-	20		
12 Noon	-	5.5	-	-	-	-	-	-	-	-	-	-	-	24	-	-	-	-	-	-	-	-	-	-	-	-	-	
1 PM	-	-	-	-	-	-	Nil	Run	7.88	Run	7.60	-	-	-	-	-	-	-	-	-	-	-	Run	-	-	-	-	
2 PM	-	23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Run	7.60	-	-	-	-	-	-	-	15		
Operator																												
3 PM	-	5.5	-	-	-	-	-	-	-	-	-	-	-	24	-	277	-	-	-	-	-	-	-	-	-	-	-	
4 PM	-	22	-	-	-	-	Nil	Run	7.67	Run	-	-	-	-	-	Run	-	-	-	-	-	-	Run	-	-	15		
5 PM	-	-	-	-	-	-	-	-	-	-	7.63	-	-	-	-	-	-	7.61	-	-	-	-	-	-	3	5	-	
6 PM	-	-	-	-	-	-	-	-	-	-	-	-	-	24	-	-	-	-	-	-	-	-	-	-	-	-	-	
7 PM	-	5.0	22	-	-	-	Nil	Run	7.40	Run	-	-	-	-	-	Run	-	-	-	-	-	-	Run	-	-	20		
8 PM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7.64	-	-	-	-	-	-	-	-	-	
9 PM	-	-	-	-	-	-	-	-	-	-	-	-	-	6.60	23	-	-	-	-	-	-	-	-	-	-	-	-	
10 PM	-	5.4	22	-	-	-	Nil	-	80	Run	-	-	-	-	-	Run	-	-	-	-	-	-	-	-	-	20		
Operator																												
11 PM	-	-	-	-	-	-	-	Run	-	-	-	23	-	-	-	-	-	7.61	-	-	-	-	Run	-	-	-	-	
12 Night	-	5.5	21	-	-	-	-	-	-	-	6.74	-	-	277	-	Run	-	-	-	-	-	-	-	-	4	5	15	
1 AM	-	-	-	-	-	-	Nil	-	8.0	Run	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
2 AM	-	-	-	-	-	-	-	Run	-	-	-	23	-	-	-	-	-	7.64	-	-	-	-	-	-	-	-	-	
3 AM	-	6.0	21	-	-	-	-	-	-	-	-	-	-	-	-	Run	-	-	-	-	-	Run	-	-	-	20		
4 AM	-	-	-	-	-	-	Nil	-	7.66	Run	7.64	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
5 AM	-	-	-	-	-	-	-	Run	-	-	-	22	-	-	-	-	-	7.60	-	-	-	-	-	-	-	-	-	
6 AM	107	6.0	20	-	-	-	-	-	7.59	-	-	-	-	-	-	-	Run	-	-	-	-	144377	Run	-	-	20		
Operator																												

Electrical Consumption	Initial Reading	Final Reading	Total Consumption (KW)
	731880	733089	12.09

Premnath
Operator Shift A

Munish
Operator Shift B

manil
Operator Shift C

Signature
Site Incharge

bajaj hindusthan sugar ltd. Utrala (Balrampur)
E.T.P. LOG BOOK

Time	Inlet					Oil & Grease Tank		Equalization Tank	Primary Clarifier	Aeration Tank					Secondary Clarifier / Outlet				Chemical/Nutrients Consumption			Remarks						
	Flow Rate (m ³ /hr)	pH	Temp	COD	BOD	TSS	Flow Sugar	Mechanical Oil Skimmer	O & G Collected (kg)	pH	Mechanical Scoper	pH	Temp	DO	MLSS	Sludge Volume Index	Air Compressor	pH	TSS	COD	BOD		Final flow in per flow meter installed	Mechanical Scoper	Urea (kg)	DAP (kg)	Lime (kg)	
7 AM	147	5.5	-	-	-	-	Nil	-	7.83	Run	7.67	-	-	-	-	-	Run	7.52	-	-	-	145399	Run	-	-	-		
8 AM	-	2.1	-	-	-	-	Run	-	-	-	2.3	-	2.7	-	-	-	-	-	-	-	-	144391	-	-	-	20		
9 AM	-	-	-	-	-	-	-	-	-	Run	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
10 AM	5.5	-	-	-	-	-	Nil	-	7.75	-	6.6	2.3	-	-	-	-	Run	7.63	-	-	-	-	-	-	-	-		
11 AM	-	2.3	-	-	-	-	Run	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20		
12 Noon	-	-	-	-	-	-	-	-	-	Run	2.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1 PM	5.5	2.3	850	-	114	Nil	-	-	7.56	-	7.91	2.5	2.7	-	-	-	Run	7.68	1.4	116	-	-	-	-	-	-		
2 PM	-	2.3	-	-	-	-	Run	-	-	-	2.4	-	-	-	-	-	Run	-	-	-	-	-	-	-	-	25		
Operator																												
3 PM	6.0	-	-	-	-	-	-	-	-	-	7.52	-	-	-	-	-	-	7.74	-	-	-	-	-	-	-	-		
4 PM	-	2.2	-	-	-	-	Nil	-	8.0	Run	2.4	-	2.7	-	-	-	-	-	-	-	-	-	-	-	-	15		
5 PM	-	-	-	-	-	-	Run	-	-	-	-	-	-	-	-	-	Run	-	-	-	-	-	-	-	-	-		
6 PM	6.0	-	-	-	-	-	-	-	-	-	7.66	2.5	2.4	-	-	-	-	7.67	-	-	-	-	-	-	-	4.5		
7 PM	-	2.2	-	-	-	-	Nil	-	8.0	Run	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
8 PM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Run	-	-	-	-	-	-	-	-	20		
9 PM	5.5	-	-	-	-	-	Run	-	-	-	7.68	2.4	-	-	-	-	-	7.60	-	-	-	-	-	-	-	-		
10 PM	-	2.2	-	-	-	-	Nil	-	7.80	Run	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Operator																												
11 PM	-	-	-	-	-	-	-	-	-	-	2.4	-	-	-	-	-	-	7.64	-	-	-	-	-	-	-	-	20	
12 Night	6.0	2.0	-	-	-	-	Run	-	-	Run	7.76	-	2.7	-	-	-	Run	-	-	-	-	-	-	-	-	3.6		
1 AM	-	-	-	-	-	-	Nil	-	7.59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
2 AM	-	-	-	-	-	-	-	-	-	-	2.3	-	-	-	-	-	-	7.59	-	-	-	-	-	-	-	-	20	
3 AM	6.0	2.0	-	-	-	-	-	-	-	-	7.76	-	-	-	-	-	Run	-	-	-	-	-	-	-	-	-		
4 AM	-	-	-	-	-	-	Nil	Run	7.83	Run	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15		
5 AM	-	-	-	-	-	-	-	-	-	-	2.2	-	-	-	-	-	-	7.67	-	-	-	-	-	-	-	-		
6 AM	5.5	1.9	-	-	-	-	-	-	7.80	-	7.8	-	-	-	-	-	Run	-	-	-	-	144785	Run	-	-	-		
Operator																												

Electrical Consumption	Initial Reading	Final Reading	Total Consumption (kWh)
	733069	734294	1225

Pranav
Operator Shift A

Manish
Operator Shift B

Mohit
Operator Shift C

Pranav
Signature

Date
23/10/23

bajaj hindusthan sugar ltd. Utrala (Balrampur)
E.T.P. LOG BOOK

Time	Inlet						Oil & Grease Tank		Evaporation Tank		Primary Clarifier		Aeration Tank						Secondary Clarifier / Outlet					Chemical/Nutrients Consumption			Remarks	
	Flow as per S-Note	pH	Temp	COD	BOD	TSS	Trace Sugar	Mechanics/Oil Summed	O & G Collected (Kg)	pH	Mechanics/Scrapor	pH	Temp	DO	MLSS	Sudge Volume Index	Air Compressor	pH	TSS	COD	BOD	Flow as per flow meter installed	Mechanics/Scrapor	Urea (Kg)	DAP (Kg)	Live (Kg)		
7 AM	145	7.0	20	-	-	-	Run	-	7.53	Run	7.63	23	2.9	351	-	Run	7.74	-	-	-	-	144785	Run	4	6	20		
8 AM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
9 AM	60	7.0	-	-	-	-	Run	-	7.60	Run	7.64	27	-	-	-	Run	7.70	-	-	-	-	-	-	-	-	-	15	
10 AM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
11 AM	60	7.1	805	-	115	-	Run	-	7.72	Run	7.70	24	25	357	-	Run	7.74	13	112	-	-	-	-	-	-	-		
12 Noon	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1 PM	60	7.1	-	-	-	-	Run	-	7.68	Run	7.72	24	-	-	-	Run	7.68	-	-	-	-	-	-	-	-	-	20	
2 PM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Operator																												
3 PM	55	7.2	-	-	-	-	Run	-	7.63	Run	7.74	24	-	-	-	Run	7.72	-	-	-	-	-	4	6	25			
4 PM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
5 PM	55	7.2	-	-	-	-	Run	-	7.65	Run	7.76	24	-	-	-	Run	7.74	-	-	-	-	-	-	-	-	-	20	
6 PM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
7 PM	55	7.3	-	-	-	-	Run	-	6.68	Run	7.78	25	-	-	-	Run	7.76	-	-	-	-	-	-	-	-	-	20	
8 PM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
9 PM	55	7.3	-	-	-	-	Run	-	7.70	Run	7.76	24	-	-	-	Run	7.68	-	-	-	-	-	-	-	-	-	25	
10 PM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Operator																												
11 PM	55	7.2	-	-	-	-	Run	-	7.72	Run	7.74	24	-	-	-	Run	7.76	-	-	-	-	-	4	6	20			
12 Night	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1 AM	55	7.2	-	-	-	-	Run	-	7.74	Run	7.76	24	-	-	-	Run	7.66	-	-	-	-	-	-	-	-	-	15	
2 AM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
3 AM	55	7.1	-	-	-	-	Run	-	7.76	Run	7.70	24	-	-	-	Run	7.70	-	-	-	-	-	-	-	-	-	20	
4 AM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
5 AM	55	7.1	-	-	-	-	Run	-	7.78	Run	7.72	24	-	-	-	Run	7.76	-	-	-	-	-	-	-	-	-	25	
6 AM	1034	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	145204	-	-	-	-		
Operator																												

Electrical Consumption	Initial Reading	Final Reading	Total Consumption (KW)
	734294	735501	1207

Operator Shift A: *[Signature]*
 Operator Shift B: *[Signature]*
 Operator Shift C: *[Signature]*
 Site Incharge: *[Signature]*

Date
24/11/2023

bajaj hindusthan sugar ltd. Utrala (Balrampur)
E.T.P. LOG BOOK

Time	Inlet					Oil & Grease Tank		Equalizer Tank	Primary Clarifier	Aeration Tank					Secondary Clarifier / Outlet				Chemical/Nutrients Consumption			Remarks						
	Flow as per meter	pH	Temp	COD	BOD	TSS	Trick Sugar			Mechanical Oil Separator	O & G Collected (kg)	pH	Mechanical Scraper	pH	Temp	DO	MLSS	Sludge Volume Index	Air Compressor	pH	TSS		COD	BOD	Flow as per flow meter outlet	Mechanical Scraper	Urea (Kg)	DAP (Kg)
7 AM	1850	5.5	20	-	-	-	-	Run	-	7.67	Run	7.71	20	-	-	-	Run	7.72	-	-	-	145504	Run	4	8	20		
8 AM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
9 AM	-	5.5	20	-	-	-	-	Run	-	7.70	Run	7.60	23	-	-	-	Run	7.74	-	-	-	-	-	-	-	-	-	
10 AM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15	
11 AM	-	5.5	21	-	-	-	-	Run	-	7.72	Run	7.65	24	25	350	-	Run	7.76	-	-	-	-	-	-	-	-	-	
12 Noon	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20	
1 PM	-	5.5	21	621	449	114	-	Run	-	7.68	Run	7.51	24	-	-	-	Run	7.68	12	116	225	-	-	-	-	-	-	
2 PM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10	
Operator																												
3 PM	-	6.0	21	-	-	-	-	Run	-	7.70	Run	7.68	25	-	-	-	Run	7.70	-	-	-	-	-	-	-	-	25	
4 PM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
5 PM	-	6.0	22	-	-	-	-	Run	-	7.72	Run	7.72	25	-	-	-	Run	7.71	-	-	-	-	-	-	-	-	20	
6 PM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
7 PM	-	6.0	22	-	-	-	-	Run	-	7.71	Run	7.74	24	-	-	-	Run	7.73	-	-	-	-	-	-	-	-	20	
8 PM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
9 PM	-	5.5	23	-	-	-	-	Run	-	7.75	Run	7.76	24	-	-	-	Run	7.75	-	-	-	-	-	-	-	-	15	
10 PM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Operator																												
11 PM	-	5.5	22	-	-	-	-	Run	-	7.68	Run	7.71	24	-	-	-	Run	7.79	-	-	-	-	-	-	-	-	20	
12 Night	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1 AM	-	5.5	21	-	-	-	-	Run	-	7.78	Run	7.78	23	-	-	-	Run	7.78	-	-	-	-	-	-	-	-	20	
2 AM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
3 AM	-	5.5	21	-	-	-	-	Run	-	7.80	Run	7.80	23	-	-	-	Run	7.72	-	-	-	-	-	-	-	-	15	
4 AM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
5 AM	-	5.5	21	-	-	-	-	Run	-	7.84	Run	7.74	23	-	-	-	Run	7.70	-	-	-	-	-	-	-	-	20	
6 AM	145503	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	145626	-	-	-	-	-	
Operator																												

Electrical Consumption	Initial Reading	Final Reading	Total Consumption (KW)
	735501	736704	1203

Operator Shift A

Operator Shift B

Operator Shift C

[Signature]
Site Manager

Date
5/12/23

bajaj hindusthan sugar Ltd. Urala (Balrampur)
E.T.P. LOG BOOK

Time	Inlet						Oil & Grease Tank		Equalization Tank		Primary Clarifier		Aeration Tank					Secondary Clarifier / Outlet				Chemicals/Reagents Consumption				Remarks		
	Flow in Pipe (m ³ /hr)	pH	Temp	COD	BOD	TSS	Sludge Depth	Mechanical Oil Skimmer	D & O Collected (Kg)	pH	Mechanical Skimmer	pH	Temp	DO	MLSS	Sludge Volume Index	Air Compressor	pH	TSS	COD	BOD	Final flow in per flow meter installed	Mechanical Scraper	Urea (Kg)	Cap (Kg)		Lime (Kg)	
7 A.M. 7:52	55	20	-	-	-	N/A	Run	-	772	Run	720	25	2.5	750	-	Run	770	-	-	-	145426	Run	4	6	20			
8 A.M.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
9 A.M.	55	20	-	-	-	N/A	Run	-	773	Run	720	27	-	-	-	Run	772	-	-	-	-	-	-	-	-	15		
10 A.M.	55	20	786	-	116	N/A	Run	-	770	Run	720	24	-	-	-	Run	769	14	116	-	-	-	-	-	-	-	26	
11 A.M.	55	21	-	-	-	N/A	Run	-	775	Run	768	24	2.5	350	-	Run	775	-	-	-	-	-	-	-	-	-	16	
12 Noon	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1 P.M.	55	21	-	-	-	N/A	Run	-	775	Run	768	24	2.5	350	-	Run	775	-	-	-	-	-	-	-	-	-	16	
2 P.M.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Operator																												
3 P.M.	60	21	-	-	-	N/A	Run	-	776	Run	729	24	-	-	-	Run	772	-	-	-	-	-	4	6	20			
4 P.M.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
5 P.M.	60	22	-	-	-	N/A	Run	-	776	Run	726	25	-	-	-	Run	774	-	-	-	-	-	-	-	-	-	26	
6 P.M.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
7 P.M.	60	23	-	-	-	N/A	Run	-	777	Run	720	24	-	-	-	Run	775	-	-	-	-	-	-	-	-	-	15	
8 P.M.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
9 P.M.	60	23	-	-	-	N/A	Run	-	775	Run	725	24	-	-	-	Run	770	-	-	-	-	-	-	-	-	-	15	
10 P.M.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Operator																												
11 P.M.	55	22	-	-	-	N/A	Run	-	774	Run	727	23	-	-	-	Run	773	-	-	-	-	-	4	6	20			
12 Night	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1 A.M.	55	22	-	-	-	N/A	Run	-	775	Run	726	23	-	-	-	Run	775	-	-	-	-	-	-	-	-	-	15	
2 A.M.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
3 A.M.	55	20	-	-	-	N/A	Run	-	777	Run	768	23	-	-	-	Run	769	-	-	-	-	-	-	-	-	-	26	
4 A.M.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
5 A.M.	55	20	-	-	-	N/A	Run	-	779	Run	720	23	-	-	-	Run	763	-	-	-	-	-	-	-	-	-	20	
6 A.M. 7:14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	146016	-	-	-	-	-	-	
Operator																												

Electrical Consumption	Initial Reading	Final Reading	Total Consumption (KW)
	736704	737091	1187

Operator Shift A

Operator Shift B

Operator Shift C

Signature
SME Manager

bajaj hindusthan sugar ltd. Utrala (Balrampur)
E.T.P. LOG BOOK

Time	Inlet					Oil & Grease Tank			Equalizer Tank	Primary Clarifier		Aeration Tank					Secondary Clarifier / Outlet				Chemical/Nutrients Consumption			Remarks				
	Flow as per LAAR	pH	Temp	COO	BOD	TSS	Traps Soggy	Mechanics Oil Skimmer		O & G Collected (Kg)	pH	Mechanics Scraper	pH	Temp	DO	MLSS	Sludge Volume Index	Air Compressor	pH	TSS	COO	BOD	Final flow as per flow meter installed		Mechanics Skoper	Line (Kg)	DAP (Kg)	Line (Kg)
7 AM	2443	5.5	20	-	-	-	N/D	Run	-	7.48	Run	7.76	22	2.4	357	-	Run	7.76	-	-	-	146016	Run	4	6	20		
8 AM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
9 AM	-	5.5	20	-	-	-	N/D	Run	-	7.70	Run	7.77	22	-	-	-	Run	7.77	-	-	-	-	Run	-	-	-		
10 AM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15	
11 AM	-	5.5	21	78	-	114	N/D	Run	1.500	7.72	Run	7.77	23	2.9	367	-	Run	7.73	15	114	-	-	Run	-	-	-		
12 Noon	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20	
1 PM	-	5.5	21	-	-	-	N/D	Run	-	7.71	Run	7.75	21	-	-	-	Run	7.75	-	-	-	-	Run	-	-	-		
2 PM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10	
Operator																												
3 PM	-	5.5	22	-	-	-	N/D	Run	-	7.74	Run	7.78	21	-	-	-	Run	7.77	-	-	-	-	Run	4	6	15		
4 PM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
5 PM	-	6.5	22	-	-	-	N/D	Run	-	7.73	Run	7.75	21	-	-	-	Run	7.78	-	-	-	-	Run	-	-	-	20	
6 PM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
7 PM	-	6.0	21	-	-	-	N/D	Run	-	7.73	Run	7.74	20	-	-	-	Run	7.78	-	-	-	-	Run	-	-	-	10	
8 PM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
9 PM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
10 PM	-	6.0	21	-	-	-	N/D	Run	-	7.75	Run	7.75	20	-	-	-	Run	7.72	-	-	-	-	Run	-	-	-		
Operator																												
11 PM	-	6.0	21	-	-	-	N/D	Run	-	7.76	Run	7.76	20	-	-	-	Run	7.60	-	-	-	-	Run	5	8	20		
12 Night	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1 AM	-	5.5	20	-	-	-	N/D	Run	-	7.78	Run	7.77	22	-	-	-	Run	7.64	-	-	-	-	Run	-	-	-	15	
2 AM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
3 AM	-	5.5	20	-	-	-	N/D	Run	-	7.79	Run	7.79	22	-	-	-	Run	7.68	-	-	-	-	Run	-	-	-	20	
4 AM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
5 AM	-	5.5	20	-	-	-	N/D	Run	-	7.77	Run	7.74	22	-	-	-	Run	7.72	-	-	-	-	Run	-	-	-		
6 AM	2756	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	146388	-	-	-	15		
Operator																												

Electrical Consumption	Initial Reading	Final Reading	Total Consumption (KW)
	737891	738910	1019

Anand
Operator Shift A

Manish
Operator Shift B

Arvind
Operator Shift C

Shankar
Site Incharge

bajaj hindusthan sugar ltd. Utrala (Balrampur)
E.T.P. LOG BOOK

Time	Inlet					Oil & Grease Tank		Equalization Tank		Primary Clarifier		Aeration Tank					Secondary Clarifier / Outlet				Chemicals/Inhibitors Consumption			Remarks			
	Flow as per V-Meter	pH	Temp	COD	BOD	TSS	Tram Sample	Mechanical Oil Sumner	O & G Collected (Kg)	pH	Mechanical Scraper	pH	Temp	DO	MLSS	Sludge Volume Index	Air Compressor	pH	TSS	COD	BOD	Final flow as per flow meter outlet	Mechanical Scraper		Lines (Kg)	SAP (Kg)	Lines (Kg)
7 AM	5.1	2.0	-	-	-	N/A	Run	-	7.74	Run	7.73	23	2.0	3.0	-	Run	7.72	-	-	-	166388	Run	4	7	2.5		
8 AM	5.1	2.0	-	-	-	N/A	Run	-	7.72	Run	7.73	23	-	-	-	Run	7.73	-	-	-	-	-	-	-	-	-	
9 AM	5.1	2.0	-	-	-	N/A	Run	-	7.72	Run	7.73	23	-	-	-	Run	7.73	-	-	-	-	-	-	-	-	-	
10 AM	5.1	2.0	-	-	-	N/A	Run	-	7.72	Run	7.73	23	-	-	-	Run	7.73	-	-	-	-	-	-	-	-	1.0	
11 AM	5.1	2.1	-	-	-	N/A	Run	-	7.73	Run	7.72	24	2.3	3.5	-	Run	7.74	-	-	-	-	-	-	-	-	-	
12 Noon	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1 PM	5.5	2.1	8.1	-	1.9	N/A	Run	-	7.75	Run	7.75	24	-	-	-	Run	7.75	15	1.5	-	-	-	-	-	-	1.5	
2 PM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Operator																											
3 PM	6.0	2.2	-	-	-	N/A	Run	-	7.76	Run	7.76	25	-	-	-	Run	7.75	-	-	-	-	-	-	-	-	2.5	
4 PM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
5 PM	6.0	2.2	-	-	-	N/A	Run	-	7.76	Run	7.76	24	-	-	-	Run	7.76	-	-	-	-	-	-	-	-	-	
6 PM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
7 PM	6.0	2.3	-	-	-	N/A	Run	-	7.77	Run	7.69	24	-	-	-	Run	7.77	-	-	-	-	-	-	-	-	2.5	
8 PM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
9 PM	6.0	2.2	-	-	-	N/A	Run	-	7.77	Run	7.72	23	-	-	-	Run	7.79	-	-	-	-	-	-	-	-	-	
10 PM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.5	
Operator																											
11 PM	6.0	2.1	-	-	-	N/A	Run	-	7.68	Run	7.71	23	-	-	-	Run	7.72	-	-	-	-	-	-	-	-	6	
12 Night	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.5	
1 AM	6.0	2.0	-	-	-	N/A	Run	-	7.69	Run	7.72	23	-	-	-	Run	7.70	-	-	-	-	-	-	-	-	-	
2 AM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
3 AM	5.5	2.0	-	-	-	N/A	Run	-	7.70	Run	7.73	23	-	-	-	Run	7.72	-	-	-	-	-	-	-	-	2.5	
4 AM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
5 AM	5.5	2.0	-	-	-	N/A	Run	-	7.72	Run	7.74	20	-	-	-	Run	7.73	-	-	-	-	-	-	-	-	-	
6 AM	5.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	146715	-	-	-	2.5		
Operator																											

Electrical Consumption	Initial Reading	Final Reading	Total Consumption (KW)
	738940	739850	910

Asa nath
Operator Shift A

Manish
Operator Shift B

manish
Operator Shift C

Satish Kumar Roy
Signature

12/12/20

bajaj hindusthan sugar ltd. Utrala (Balrampur)
E.T.P. LOG BOOK

Time	Inlet						Oil & Grease Tank		Evaporation Tank		Primary Clarifier		Aeration Tank					Secondary Clarifier / Outlet					Chemical/Nutrients Consumption			Remarks		
	Flow (m ³ /hr)	pH	Temp	COO	BOD	TSS	Trace Sugar	Mechanical Oil Sumner	O & G Collected (Kg)	pH	Mechanical Scraper	pH	Temp	DO	MLSS	Sudge Volume Index	Air Compressor	pH	TSS	COO	BOD	Flow rate in per flow meter installed	Mechanical Scraper	Urea (Kg)	Cap (Kg)		Lime (Kg)	
7 AM	341	5.5	19	-	-	-	N/A	Run	7.70	Run	7.71	23	2.1	357	-	Run	7.66	-	-	-	Run	146735	4	5	10			
8 AM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
9 AM	-	5.5	19	-	-	-	N/A	Run	7.72	Run	7.74	23	-	-	-	Run	7.70	-	-	-	Run	-	-	-	-	15		
10 AM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
11 AM	-	5.5	20	819	-	177	N/A	Run	7.77	Run	7.77	23	-	-	-	Run	7.71	14	119	-	Run	-	-	-	-	20		
12 Noon	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1 PM	-	5.5	20	-	-	-	N/A	Run	7.75	Run	7.75	24	24	358	-	Run	7.72	-	-	-	Run	-	-	-	-	25		
2 PM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Operator																												
3 PM	-	5.5	21	-	-	-	N/A	Run	7.74	Run	7.77	24	-	-	-	Run	7.75	-	-	-	Run	-	4	5	20			
4 PM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
5 PM	-	5.5	22	-	-	-	N/A	Run	7.76	Run	7.72	24	-	-	-	Run	7.76	-	-	-	Run	-	-	-	-	-		
6 PM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15		
7 PM	-	5.5	22	-	-	-	N/A	Run	7.76	Run	7.60	23	-	-	-	Run	7.76	-	-	-	Run	-	-	-	-	-		
8 PM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
9 PM	-	6.0	21	-	-	-	N/A	Run	7.73	Run	7.63	23	-	-	-	Run	7.75	-	-	-	Run	-	-	-	-	25		
10 PM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Operator																												
11 PM	-	6.0	21	-	-	-	N/A	Run	7.72	Run	7.65	23	-	-	-	Run	7.76	-	-	-	Run	-	4	5	20			
12 Night	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1 AM	-	5.5	20	-	-	-	N/A	Run	7.74	Run	7.67	23	-	-	-	Run	7.72	-	-	-	Run	-	-	-	-	-		
2 AM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15		
3 AM	-	5.5	20	-	-	-	N/A	Run	7.75	Run	7.72	23	-	-	-	Run	7.75	-	-	-	Run	-	-	-	-	-		
4 AM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
5 AM	-	5.5	20	-	-	-	N/A	Run	7.73	Run	7.73	23	-	-	-	Run	7.76	-	-	-	Run	-	-	-	-	25		
6 AM	5620	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	167101	-	-	-	-		
Operator																												

Electrical Consumption	Initial Reading	Final Reading	Total Consumption (KW)
	739650	740857	1207

Operator Shift A

Operator Shift B

Operator Shift C

Site Incharge

Date
20/12/23

bajaj hindusthan sugar ltd. Utrala (Balrampur)

E.T.P. LOG BOOK

Time	Inlet					Oil & Grease Tank			Equalization Tank		Primary Clarifier		Aeration Tank					Secondary Clarifier / Outlet					Chemical/Nutrients Consumption			Remarks		
	Flow in Pipe (MLD)	pH	Temp	COO	BOD	TSS	Trick Sugar	Mechanical Oil (Sumner)	O & G Collected (Kg)	pH	Mechanics Scooper	pH	Temp	DO	MLSS	Sludge Volume Index	Air Compressor	pH	TSS	COO	BOD	Final flow in pipe flow meter installed	Mechanical Scooper	Urea (Kg)	DAP (Kg)		Lime (Kg)	
7 AM	5.6	5.5	20	-	-	-	Run	Run	774	Run	7.6	23	-	-	-	Run	774	-	-	-	147181	Run	4	5	15			
8 AM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
9 AM	-	5.5	20	-	-	-	Nil	Run	-	777	Run	7.7	23	-	-	-	Run	774	-	-	-	-	-	-	-	-	-	
10 AM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	25	
11 AM	-	5.5	21	50	4.5	115	Nil	Run	-	775	Run	7.2	24	2.9	357	-	Run	775	14	115	245	-	-	-	-	-	-	
12 Noon	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1 PM	-	5.5	22	-	-	-	Nil	Run	-	775	Run	7.2	24	-	-	-	Run	772	-	-	-	-	-	-	-	-	-	
2 PM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20	
Operator																												
3 PM	-	5.5	22	-	-	-	Nil	Run	-	777	Run	7.75	25	2.9	357	-	Run	773	-	-	-	-	-	4	5	40	-	
4 PM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
5 PM	-	5.5	23	-	-	-	Nil	Run	-	772	Run	7.2	25	-	-	-	Run	775	-	-	-	-	-	-	-	-	-	
6 PM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20		
7 PM	-	5.5	23	-	-	-	Nil	Run	-	773	Run	7.7	24	-	-	-	Run	774	-	-	-	-	-	-	-	-	-	
8 PM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
9 PM	-	5.5	22	-	-	-	Nil	Run	-	775	Run	7.7	24	-	-	-	Run	774	-	-	-	-	-	-	-	-	10	
10 PM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Operator																												
11 PM	-	5.5	22	-	-	-	Nil	Run	-	777	Run	7.7	24	2.9	357	-	Run	780	-	-	-	-	-	4	5	-	-	
12 Night	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	45	
1 AM	-	6.0	20	-	-	-	Nil	Run	-	766	Run	7.8	23	-	-	-	Run	779	-	-	-	-	-	-	-	-	-	
2 AM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
3 AM	-	6.0	20	-	-	-	Nil	Run	-	770	Run	7.7	23	-	-	-	Run	778	-	-	-	-	-	-	-	-	20	
4 AM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
5 AM	-	6.0	20	-	-	-	Nil	Run	-	772	Run	7.7	23	-	-	-	Run	776	-	-	-	-	-	-	-	-	15	
6 AM	4755	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	147603	-	-	-	-	-	
Operator																												

Electrical Consumption	Initial Reading	Final Reading	Total Consumption (KW)
	740857	742039	1182

Manish
Operator Shift A

Manish
Operator Shift B

Rohit
Operator Shift C

Site Incharge
Site Incharge

Date
30/12/23

bajaj hindusthan sugar ltd. Utrala (Balrampur)

E.T.P. LOG BOOK

30/12/23

Time	Inlet					Oil & Grease Tank		Equalization Tank	Primary Clarifier	Aeration Tank					Secondary Clarifier / Outlet				Chemical/Nutrients Consumption				Remarks					
	Flow in Per V.Meter	pH	Temp	COD	BOD	TSS	Time Sugar			Mechanical Oil Separator	O & G Collected (Kg)	pH	Mechanical Scraper	pH	Temp	DO	MLSS	Sudge Volume Index	Air Compressor	pH	TSS	COD		BOD	Final flow in per flow meter installed	Mechanical Scraper	Urea (Kg)	DAP (Kg)
7 AM	5.5	20	-	-	-	N/A	Run	-	7.72	Run	7.67	23	23	3.0	-	Run	7.67	-	-	-	147603	Run	4	6	20			
8 AM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
9 AM	5.5	20	-	-	-	N/A	Run	-	7.74	Run	7.69	23	-	-	-	Run	7.69	-	-	-	-	Run	-	-	-	15		
10 AM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
11 AM	5.5	21	80	-	114	N/A	Run	500	7.75	Run	7.70	24	23	3.5	-	Run	7.70	13	114	-	-	Run	-	-	-	-		
12 Noon	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1 PM	5.5	21	-	-	-	N/A	Run	-	7.73	Run	7.72	24	-	-	-	Run	7.72	-	-	-	-	Run	-	-	-	20		
2 PM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Operator																												
3 PM	6.0	22	-	-	-	N/A	Run	-	7.79	Run	7.74	25	-	-	-	Run	7.74	-	-	-	-	Run	-	-	-	25		
4 PM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
5 PM	6.0	22	-	-	-	N/A	Run	-	7.75	Run	7.74	25	-	-	-	Run	7.74	-	-	-	-	Run	-	-	-	-		
6 PM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15		
7 PM	6.0	22	-	-	-	N/A	Run	-	7.72	Run	7.75	24	-	-	-	Run	7.75	-	-	-	-	Run	-	-	-	-		
8 PM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
9 PM	6.0	22	-	-	-	N/A	Run	-	7.76	Run	7.74	24	-	-	-	Run	7.72	-	-	-	-	Run	-	-	-	-		
10 PM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20		
Operator																												
11 PM	5.5	21	-	-	-	N/A	Run	-	7.70	Run	7.70	24	-	-	-	Run	7.70	-	-	-	-	Run	4	8	-	-		
12 Night	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20		
1 AM	5.5	20	-	-	-	N/A	Run	-	7.69	Run	7.71	24	-	-	-	Run	7.72	-	-	-	-	Run	-	-	-	-		
2 AM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	18		
3 AM	5.5	20	-	-	-	N/A	Run	-	7.74	Run	7.73	23	-	-	-	Run	7.75	-	-	-	-	Run	-	-	-	-		
4 AM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
5 AM	5.5	20	-	-	-	N/A	Run	-	7.74	Run	7.75	23	-	-	-	Run	7.78	-	-	-	-	Run	-	-	-	25		
6 AM	5.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14803	-	-	-	-	-		
Operator																												

Electrical Consumption	Initial Reading	Final Reading	Total Consumption (KW)
	742039	743066	1027

Manish
Operator Shift A

Manish
Operator Shift B

Manish
Operator Shift C

Manish
Site Incharge

Date 31/12/2025

bajaj hindusthan sugar ltd. Utrala (Balrampur)
E.T.P. LOG BOOK

Time	Inlet					Oil & Grease Tank			Equalization Tank		Aeration Tank					Secondary Clarifier / Outlet				Chemical Nutrients Consumption			Remarks					
	Flow (m ³ /hr)	pH	Temp	COD	BOD	TSS	Total Sugar	Mechanical Oil Strainer	O & G Collected (Kg)	pH	Mechanical Skimmer	pH	Temp	DO	MLSS	Sludge Volume Index	Air Compressor	pH	TSS	COD	BOD	Flow Rate at per flow meter installed		Mechanical Scraper	Urea (Kg)	GAP (Kg)	Lime (Kg)	
7 A.M	0777	5.5	20	-	-	-	Nil	Run	-	7.67	Run	7.72	24	2.4	35%	-	Run	7.65	-	-	-	146015	Run	5	8	25		
8 A.M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
9 A.M	-	5.5	20	-	-	-	Nil	Run	-	7.60	Run	7.5	-	-	-	-	Run	7.71	-	-	-	-	-	-	-	-		
10 A.M	-	-	-	-	-	-	-	-	-	-	-	7.4	-	-	-	-	-	-	-	-	-	-	-	-	-	20		
11 A.M	-	5.5	21	-	-	-	Nil	Run	-	7.73	Run	-	-	-	-	-	Run	7.81	-	-	-	-	-	-	-	-		
12 Noon	-	-	-	-	-	-	-	-	-	-	-	7.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1 P.M	-	5.5	21	9%	-	115	Nil	Run	-	7.63	Run	-	24	-	-	-	Run	7.51	12.5	17	-	-	-	-	-	15		
2 P.M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Operator	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
3 P.M	-	5.5	22	-	-	-	Nil	Run	-	7.78	Run	7.5	24	-	25%	-	Run	7.58	-	-	-	-	-	-	-	10		
4 P.M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Run	-	-	-	-	-	-	-	-	-		
5 P.M	-	5.5	22	-	-	-	Nil	Run	-	-	Run	7.5	-	-	-	-	-	7.59	-	-	-	-	-	-	-	-		
6 P.M	-	-	-	-	-	-	-	-	-	7.98	-	-	29	-	-	-	Run	-	-	-	-	-	-	-	-	20		
7 P.M	-	5.5	23	-	-	-	Nil	Run	-	-	Run	-	-	-	-	-	-	7.41	-	-	-	-	-	-	-	-		
8 P.M	-	-	-	-	-	-	-	-	-	7.76	-	7.5	-	-	-	-	Run	-	-	-	-	-	-	-	-	-		
9 P.M	-	5.5	22	-	-	-	Nil	Run	-	-	Run	-	24	-	-	-	-	7.62	-	-	-	-	-	-	-	15		
10 P.M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Run	-	-	-	-	-	-	-	-	-		
Operator	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
11 P.M	-	5.5	22	-	-	-	Nil	Run	-	7.67	Run	7.70	24	2.4	35%	-	Run	7.60	-	-	-	-	-	-	-	5	6	25
12 Night	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1 A.M	-	5.5	21	-	-	-	Nil	Run	-	7.61	-	7.34	24	2.5	35%	-	-	7.72	-	-	-	-	-	-	-	-		
2 A.M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	25		
3 A.M	-	5.5	20	-	-	-	Nil	Run	-	7.65	-	7.10	23	2.4	-	-	-	7.64	-	-	-	-	-	-	-	-		
4 A.M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
5 A.M	-	5.5	20	-	-	-	Nil	Run	-	7.70	-	7.41	23	2.4	-	-	-	7.65	-	-	-	-	-	-	-	20		
6 A.M	115	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	148419	Run	-	-	-		
Operator	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		

Electrical Consumption	Initial Reading	Final Reading	Total Consumption (KW)
	743066	744308	1242

Ran Nath
Operator Shift A

Mamish
Operator Shift B

Mohit
Operator Shift C

S. Chandan Reddy
Site Engineer

bajaj hindusthan sugar ltd. Utrala (Balrampur)
E.T.P. LOG BOOK

Time	Infl					Oil & Grease Tank			pH	Mechanical Scraper	Aeration Tank				Secondary Clarifier / Ditch				Chemical/Instruments Consumption			Remarks			
	Flow (m ³ /hr)	pH	Temp	CO2	BOD	Flow (m ³ /hr)	Mechanical Oil Scraper	O & G Collected (kg)			pH	Temp	DO	M.S.S	Sludge Volume Index	Air Compressor	pH	TSS	CO2	BOD	Final flow in per flow meter installed		Mechanical Scraper	Lime (kg)	CaCl ₂ (kg)
7 A.M	1.2	7.2	22	121	119	Run	Run	7.60	Run	7.0	2.1	2.1	36	Run	7.70	-	-	-	145.43	Run	3	5	2.5		
8 A.M	-	7.4	-	-	-	Run	Run	7.2	Run	7.2	-	-	-	Run	7.7	-	-	-	-	3	5	-	-		
9 A.M	-	7.4	-	-	-	Run	Run	7.5	Run	-	-	-	-	-	-	-	-	-	-	Run	-	-	-	-	
10 A.M	-	-	-	-	-	Run	Run	7.61	Run	-	-	-	-	-	-	-	-	-	-	Run	-	-	-	-	
11 A.M	-	-	-	-	-	Run	Run	-	Run	-	-	36	-	-	-	-	-	-	-	Run	-	-	-	2.5	
12 Noon	-	7.2	22	121	119	Run	Run	7.60	Run	2.1	2.1	-	Run	-	117	103	-	-	-	-	-	-	-	-	
1 P.M	-	7.4	-	-	-	Run	Run	7.20	Run	7.0	-	-	-	-	7.67	-	-	-	-	Run	-	-	-	2.5	
2 P.M	1.2	7.2	22	121	119	Run	Run	7.60	Run	2.1	2.1	36	-	-	-	-	-	-	-	-	-	-	-	-	
Operator																									
3 P.M	-	-	-	-	-	Run	Run	-	Run	-	-	-	-	-	-	-	-	-	-	Run	-	-	-	-	
4 P.M	-	-	-	-	-	Run	Run	-	Run	7.5	2.1	-	-	-	7.50	-	-	-	-	Run	-	-	-	1.5	
5 P.M	-	-	-	-	-	Run	Run	-	Run	-	-	-	-	-	-	-	-	-	-	Run	-	-	-	-	
6 P.M	-	-	-	-	-	Run	Run	-	Run	-	-	-	-	-	7.43	-	-	-	-	Run	-	-	-	2.5	
7 P.M	-	7.2	22	121	119	Run	Run	7.60	Run	2.1	2.1	36	-	-	-	-	-	-	-	Run	-	-	-	-	
8 P.M	-	-	-	-	-	Run	Run	-	Run	-	-	-	-	-	-	-	-	-	-	Run	-	-	-	1.5	
9 P.M	-	-	-	-	-	Run	Run	-	Run	-	-	-	-	-	-	-	-	-	-	Run	-	-	-	-	
10 P.M	-	-	-	-	-	Run	Run	-	Run	-	-	-	-	-	-	-	-	-	-	Run	-	-	-	1.0	
Operator																									
11 P.M	1.2	7.2	22	121	119	Run	Run	7.60	Run	2.1	2.1	36	-	Run	7.71	-	-	-	-	Run	-	5	2.5	-	
12 Night	-	-	-	-	-	Run	Run	-	Run	-	-	-	-	-	-	-	-	-	-	Run	-	-	-	-	
1 A.M	-	-	-	-	-	Run	Run	7.61	Run	7.0	2.1	2.1	36	-	-	-	-	-	-	Run	-	-	-	-	
2 A.M	-	-	-	-	-	Run	Run	-	Run	-	-	-	-	Run	7.80	-	-	-	-	Run	-	-	-	2.5	
3 A.M	-	-	-	-	-	Run	Run	-	Run	7.01	2.1	-	-	-	-	-	-	-	-	Run	-	-	-	-	
4 A.M	1.2	7.2	22	121	119	Run	Run	7.60	Run	2.1	2.1	36	-	-	-	-	-	-	-	Run	-	-	-	-	
5 A.M	-	-	-	-	-	Run	Run	-	Run	-	-	-	-	-	-	-	-	-	-	Run	-	-	-	-	
6 A.M	1.2	7.2	22	121	119	Run	Run	7.60	Run	2.1	2.1	36	-	-	-	-	-	-	-	Run	-	-	-	-	
Operator																				14809					

Electrical Consumption	Initial Reading	Final Reading	Total Consumption (KW)
	744905	744906	590

[Signature]
Operator Shift A

[Signature]
Operator Shift B

[Signature]
Operator Shift C

[Signature]

bajaj hindusthan sugar ltd. Utrala (Balrampur)

E.T.P. LOG BOOK

Time	Inlet					Oil & Grease Tank			Equalization Tank		Aeration Tank					Secondary Clarifier / Outlet				Chemical/Nutrients Consumption			Remarks					
	Flow as per V. Note	pH	Temp	COD	BOD	TSS	Free Sugar	Mechanical Oil Skimmer	O & G Collected (Mg)	pH	Mechanical Scraper	pH	Temp	DO	MLSS	Sludge Volume Index	Air Compressor	pH	TSS	COD	BOD	Flow in per flow meter installed		Mechanical Scraper	Urea (Kg)	DAP (Kg)	Lime (Kg)	
7 AM 3:54 AM	6.0	20					Nil	Run	7.60	Run	7.0	21	20	35		Run	7.67					14895	Run	4	6	25		
8 AM																												
9 AM																												
10 AM				616		954												16.25	118.8									
11 AM	6.0	21					Nil	Run	7.63	Run	7.3	22					7.71											
12 Noon																												
1 PM															35		Run	7.61										
2 PM	6.0	20					Nil	Run		Run	7.5	23																
Operator																												
3 PM	5.5						Nil	Run	7.98	Run	7.5						7.56											10
4 PM		2.0										23																
5 PM																	Run	7.58										15
6 PM	5.5	20									7.5																	
7 PM							Nil	Run	7.79	Run		23					Run	7.59										25
8 PM																												
9 PM																												
10 PM	5.5								7.87	Run	7.5						Run	7.52										
Operator																												10
11 PM		5.0					Nil	Run	7.64	Run	7.0	21	20	35		Run	7.60											25
12 Night																									3	4		
1 AM																												25
2 AM																												
3 AM	5.0						Nil	Run	7.70	Run	7.9	22		35		Run												
4 AM																		7.59										
5 AM																												25
6 AM 5:55 AM	6.0						Nil	Run	7.0	Run	7.3	22				Run	7.8					149204	Run					
Operator																												

Electrical Consumption	Initial Reading	Final Reading	Total Consumption (KW)
	744906	745539	633

[Signature]
Operator Shift A

[Signature]
Operator Shift B

[Signature]
Operator Shift C

[Signature]
Site Incharge

Date
3/1/2024

bajaj hindusthan sugar ltd. Utrala (Balrampur)
E.T.P. LOG BOOK

Time	Influent				Oil & Grease Tank			Equalizer Tank	Primary Clarifier	Aeration Tank					Secondary Clarifier / Outlet				Chemical/Nutrients Consumption			Remarks						
	Flow as per V/Note	pH	Temp	DO	BOD	TSS	Traps Sludge	Mechanical/Oil Skimmer	O & G Collected (Kg)	pH	Mechanical/Scraper	pH	Temp	DO	MLSS	Sludge Volume Index	Air Compressor	pH	TSS	CCD	BOD		Final flow as per flow meter installed	Mechanical/Scraper	Urea (Kg)	DAP (Kg)	Lime (Kg)	
7 AM	55	5.5	20	-	-	-	Nil	Run	-	7.60	Run	7.56	23	2.5	-	-	Run	7.5	-	-	-	149204	Run	2	3	15		
8 AM																	Run											
9 AM			20				Nil	Run	-	7.60	Run	7.59	23	-	3.01	-	Run	7.5	-	-	-		Run	-	-	10		
10 AM		5.5		405	-	90	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13-4	114-6	-	-	-	-	
11 AM			21				Nil	Run	-	7.60	Run	7.64	24	-	-	-	Run	7.5	-	-	-		Run	-	-	15		
12 Noon																												
1 PM		5.5	22				Nil	Run	-	7.76	Run	7.51	24	3.5	-	-	Run	7.63	-	-	-		Run	-	-	-		
2 PM																												
Operator																												
3 PM		6.0	22				Nil	Run	-	7.65	Run	7.51	25	-	-	-	Run	7.62	-	-	-		Run	-	-	-		
4 PM																												
5 PM			22				Nil	Run	-	7.56	Run	7.69	25	-	3.51	-	Run	7.59	-	-	-		Run	-	-	-	25	
6 PM		6.0																										
7 PM			23				Nil	Run	-	7.65	Run	7.56	25	-	-	-	Run	7.57	-	-	-		Run	-	-	15		
8 PM																												
9 PM		5.5	23				Nil	Run	-	7.82	Run	7.64	24	-	-	-	Run	7.67	-	-	-		Run	-	-	-		
10 PM																												
Operator																												
11 PM		5.5	23				Nil	Run	-	7.73	Run	7.74	23	-	3.51	-	Run	7.65	-	-	-		Run	2	3	15		
12 Night																												
1 AM			21				Nil	Run	-	7.62	Run	7.66	22	-	-	-	Run	7.71	-	-	-		Run	-	-	20		
2 AM		6.0																										
3 AM			20				Nil	Run	-	7.65	Run	7.74	22	-	-	-	Run	7.62	-	-	-		Run	-	-	10		
4 AM																												
5 AM		6.0	20				Nil	Run	-	7.64	Run	7.63	23	-	-	-	Run	7.64	-	-	-		Run	-	-	15		
6 AM	6760																					749514						
Operator																												

Electrical Consumption	Initial Reading	Final Reading	Total Consumption (KW)
	745539	746265	726

Pranath
Operator Shift A

Manish
Operator Shift B

Pranath
Operator Shift C

Shankar Singh
Site Manager

Date
4/1/2024

bajaj hindusthan sugar ltd. Utrala (Balrampur)
E.T.P. LOG BOOK

Time	Inlet						Oil & Grease Tank		Equalization Tank	Primary Clarifier	Aeration Tank					Secondary Clarifier / Outlet				Chemical Nutrients Consumption			Remarks				
	Flow as Per Meter	pH	Temp	COO	BOD	TSS	Trane Sugar	Mechanical Oil Skimmer	O & G Collected (Kg)	pH	Mechanical Scraper	pH	Temp	DO	MLSS	Sludge Volume Index	Air Compressor	pH	TSS	COO	BOD	Flow Rate as per flow meter installed		Mechanical Scraper	Urea (Kg)	GAP (Kg)	Lime (Kg)
7 A.M.	2124	5.8	21	-	-	-	Nil	Run	-	7.98	Run	7.5	23	2.4	351	-	Run	7.62	-	-	-	14954	Run	2	4	15	
8 A.M.																											
9 A.M.		5.0	21	-	-	-	Nil	Run	-	7.69	Run	7.5	23	-	-	-	Run	7.58	-	-	-		Run	-	-	-	
10 A.M.				845	442	95													14.98	112	1826						25
11 A.M.		5.5	23	-	-	-	Nil	Run	-	7.86	Run	7.5	24	-	-	-	Run	-	-	-	-		Run	-	-	-	
Noon								0.540										7.56	-	-	-						
1 P.M.		5.5	24	-	-	-	Nil	Run	-	7.88	Run	7.5	24	-	-	-	Run	-	-	-	-		Run	-	-	-	15
2 P.M.																											
Operator																											
3 P.M.		6.0	24	-	-	-	Nil	Run	-	7.80	Run	7.5	25	-	35%	-	Run	7.63	-	-	-		Run	-	-	-	
4 P.M.																											20
5 P.M.		6.5	24	-	-	-	Nil	Run	-	7.86	Run	7.5	25	-	-	-	Run	-	-	-	-		Run	-	-	-	
6 P.M.																		7.68	-	-	-						
7 P.M.							Nil	Run	-	7.67	Run	7.5	25	-	-	-	Run	-	-	-	-		Run	-	-	-	25
8 P.M.		5.0	23	-	-	-																					
9 P.M.							Nil	Run	-	7.76	Run	7.5	24	-	-	-	Run	7.52	-	-	-		Run	-	-	-	
10 P.M.																											25
Operator																											
11 P.M.		6.0	22	-	-	-	Nil	Run	-	7.89	Run	7.5	24	-	35%	-	Run	7.62	-	-	-		Run	2	4	25	
12 Night																											
1 A.M.		5.0	22	-	-	-	Nil	Run	-	7.90	Run	7.5	23	-	-	-	Run	7.68	-	-	-		Run	-	-	-	
2 A.M.																											20
3 A.M.							Nil	Run	-	7.98	Run	7.5	23	-	-	-	Run	7.66	-	-	-		Run	-	-	-	
4 A.M.		5.5	21	-	-	-																					15
5 A.M.							Nil	Run	-	8.10	Run	7.5	23	-	-	-	Run	7.84	-	-	-		Run	-	-	-	
6 A.M.	514	6.5	21	-	-	-																14933					10
Operator																											

Electrical Consumption	Initial Reading	Final Reading	Total Consumption (KW)
	746265	7475901	1037

Shamath
Operator Shift A

Mamith
Operator Shift B

Manoj
Operator Shift C

Sanjay
Site Incharge

5/1/2011

bajaj hindusthan sugar ltd. Utrala (Balrampur)
E.T.P. LOG BOOK

Time	Inlet						Oil & Grease Tank		Equalization Tank		Aeration Tank					Secondary Clarifier / Outlet				Chemicals/Slimes Consumption			Remarks					
	Flow (M ³ /hr)	pH	Temp	COD	BOD	TSS	Trick Sugar	Mechanics/ Oil-Scanner	O & G Collected (Kg)	pH	Mechanics/ Scraper	pH	Temp	DO	MLSS	Sludge Volume Index	Air Compressor	pH	TSS	COD	BOD	Flow (M ³ /hr) near outlet		Mechanics/ Stripper	Urea (Kg)	DAP (Kg)	Lime (Kg)	
7 AM	6.75	7.0	20	-	-	-	Nil	Run	-	7.87	Run	7.52	23	-	-	-	Run	7.57	-	-	-	149.33	Run	-	-	-		
8 AM	6.0	7.0	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
9 AM	6.0	7.3	-	-	-	-	Nil	Run	-	7.93	Run	7.65	24	-	-	-	Run	7.60	-	-	-	-	Run	3	5	20		
10 AM	6.0	7.3	-	-	-	-	-	-	-	-	-	-	-	35%	-	-	-	-	-	-	-	-	-	-	-	-		
11 AM	6.0	7.2	-	-	-	-	Nil	Run	-	7.81	Run	7.57	24	2.4	-	-	Run	7.72	-	-	-	-	Run	-	-	-		
12 Noon	6.0	7.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1 PM	6.0	7.3	21.6	-	-	205	Nil	Run	-	7.69	Run	7.64	26	-	-	-	Run	7.65	22.0	108.1	-	-	Run	-	-	20		
2 PM	6.0	7.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Operator																												
3 PM	6.0	7.4	-	-	-	-	Run	-	7.76	Run	7.76	25	-	-	-	-	Run	7.72	-	-	-	-	Run	-	-	20		
4 PM	5.5	7.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
5 PM	5.5	7.2	-	-	-	-	Run	-	7.80	Run	7.67	26	-	-	-	-	Run	7.66	-	-	-	-	Run	-	-	20		
6 PM	5.5	7.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
7 PM	5.5	7.2	-	-	-	-	Run	-	7.82	Run	7.58	25	-	35%	-	-	Run	7.59	-	-	-	-	Run	-	-	-		
8 PM	5.5	7.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20		
9 PM	5.5	7.2	-	-	-	-	Run	-	7.78	Run	7.66	25	-	-	-	-	Run	7.67	-	-	-	-	Run	-	-	-		
10 PM	5.5	7.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Operator	5.5																											
11 PM	6.0	7.1	-	-	-	-	Nil	Run	-	7.89	Run	7.62	23	-	35%	-	Run	7.62	-	-	-	-	Run	-	-	-		
12 Night	6.0	7.1	-	-	-	-	Nil	-	-	-	-	7.5	23	-	-	-	-	7.64	-	-	-	-	-	-	-	15		
1 AM	6.0	7.2	-	-	-	-	Nil	-	-	-	-	-	-	-	-	-	Run	7.70	-	-	-	-	-	-	-	-		
2 AM	6.0	7.2	-	-	-	-	Nil	Run	-	7.90	Run	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20		
3 AM	7.0	7.1	116	412	95.4	-	Nil	-	-	-	-	7.5	24	-	35%	-	-	-	-	-	-	Run	-	-	-	-		
4 AM	7.0	7.1	-	-	-	-	Nil	-	-	-	-	24	-	-	-	-	Run	7.64	-	-	-	-	-	-	-	20		
5 AM	7.0	7.1	-	-	-	-	Nil	-	-	7.72	Run	7.5	25	-	-	-	-	7.20	-	-	-	-	-	-	-	-		
6 AM	7.0	7.2	-	-	-	-	Nil	Run	-	-	-	-	-	-	-	-	Run	7.61	-	-	-	-	-	-	150.43	20		
Operator																												

Electrical Consumption	Initial Reading	Final Reading	Total Consumption (KW)
	747502	748328	1038

Operator Shift A

Operator Shift B

Operator Shift C

Signature

bajaj hindusthan sugar ltd. Utrala (Balrampur)
E.T.P. LOG BOOK

Time	Inlet					Oil & Grease Tank			Evaporator Tank		Aeration Tank					Secondary Clarifier / Outlet				Chemical Reagents Consumption			Remarks				
	Flow in Per 15 Min	pH	Temp	COD	BOD	TSS	Trick Sugar	Mechanical Oil Scrubber	O & G Collected (Kg)	pH	Mechanical Scraper	pH	Temp	DO	MLSS	Sludge Volume Index	Air Compressor	pH	TSS	COD	BOD	Flow in per 15 min water treated		Mechanical Scraper	Chas (Kg)	GAP (Kg)	Lime (Kg)
7 AM	6.0	5.1	-	-	-	260	Run	-	7.65	Run	7.67	24	-	-	-	Run	7.65	-	-	-	25000	Run	-	-	-	-	
8 AM	6.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10	
9 AM	5.5	5.1	-	-	-	260	Run	-	7.66	Run	7.71	26	2.3	35	-	Run	7.65	-	-	-	-	Run	3	5	-	-	
10 AM	6.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
11 AM	6.0	5.2	5.25	-	-	245	Run	-	7.96	Run	7.60	52	-	-	-	Run	7.60	13.4	11.11	-	-	Run	-	-	-	80	
12 Noon	6.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1 PM	6.0	2.3	-	-	-	260	Run	-	7.63	Run	7.74	26	-	-	-	Run	7.65	-	-	-	-	Run	-	-	-	-	
2 PM	6.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Operator																											
3 PM	6.0	2.3	-	-	-	Null	Run	-	7.61	-	-	-	35	-	Run	7.61	-	-	-	-	-	Run	-	-	-	15	
4 PM	-	-	-	-	-	-	-	-	-	Run	7.05	25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
5 PM	5.5	2.2	-	-	-	-	Run	-	7.88	-	-	-	-	-	-	Run	7.52	-	-	-	-	Run	-	-	-	-	
6 PM	-	-	-	-	-	-	-	-	-	Run	7.9	24	-	-	-	-	-	-	-	-	-	-	-	-	-	50	
7 PM	5.5	2.2	-	-	-	-	Run	-	7.98	-	-	-	-	-	-	Run	7.58	-	-	-	-	Run	-	-	-	-	
8 PM	5.5	-	-	-	-	-	-	-	-	Run	7.5	24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
9 PM	-	2.1	-	-	-	Null	Run	-	7.79	-	-	-	-	-	-	Run	7.62	-	-	-	-	Run	2	3	2.5	-	
10 PM	6.0	-	-	-	-	-	-	-	-	Run	7.5	24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Operator																											
11 PM	6.0	6.0	2.1	-	-	Null	Run	-	7.68	Run	7.75	26	-	-	-	Run	7.60	-	-	-	-	Run	-	-	-	-	
12 Night	6.0	6.0	-	-	-	Null	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1 AM	6.0	6.0	-	-	-	-	-	-	-	Run	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
2 AM	6.0	6.0	-	-	-	-	-	-	-	-	-	2.3	35	-	Run	7.73	-	-	-	-	-	Run	-	-	-	25	
3 AM	6.0	6.0	-	-	-	Null	Run	-	7.69	-	7.75	25	-	-	-	-	-	-	-	-	-	-	-	-	-	25	
4 AM	6.0	6.0	2.2	-	-	Null	-	-	7.96	Run	-	25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
5 AM	6.0	6.0	2.3	-	-	-	-	-	-	-	-	-	-	-	-	Run	7.65	-	-	-	-	Run	-	-	-	25	
6 AM	6.0	6.0	2.1	-	-	-	Run	-	7.84	-	7.60	2.3	-	-	-	-	-	-	-	-	-	Run	-	-	-	25	

Electrical Consumption	Initial Reading	Final Reading	Total Consumption (KW)
	74 83 33	74 90 34	6 94

[Signature]
Operator Shift A

[Signature]
Operator Shift B

[Signature]
Operator Shift C

[Signature]
Site Incharge

bajaj hindusthan sugar ltd. Utrala (Balrampur)

E.T.P. LOG BOOK

Handwritten signature and date: 7/2/2024

Time	Inlet					Oil & Grease Tank		Coagulation Tank		Primary Clarifier		Aeration Tank					Secondary Clarifier / Outlet					Sludge/Chemicals Consumption			Remarks			
	Flow (m ³ /hr)	pH	Temp	COD	BOD	TSS	Flow Sugar	Mechanical Oil Scraper	O & G Collected (Kg)	pH	Mechanical Scraper	pH	Temp	DO	MLSS	Sludge Volume Index	Air Compressor	pH	TSS	COD	BOD	Flow in per flow meter installed	Mechanical Scraper	Line (Kg)		GAP (Kg)	Line (Kg)	
7 AM	6.0	7.0	21	-	-	-	Run	-	7.89	Run	7.17	24	-	-	-	Run	7.65	-	-	-	-	150264	Run	-	-	-		
8 AM	-	-	-	-	-	-	-	-	7.97	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
9 AM	6.0	7.2	-	-	-	-	Run	-	7.96	Run	7.75	24	-	-	-	Run	7.57	-	-	-	-	-	Run	2	3	-		
10 AM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
11 AM	6.0	7.2	910	-	111	-	Run	-	7.79	Run	7.66	25	2.4	350	-	Run	7.60	13.10	11.21	-	-	-	Run	-	-	-		
12 Noon	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1 PM	6.0	7.4	-	-	-	-	Run	-	7.85	Run	7.60	26	-	-	-	Run	7.65	-	-	-	-	-	Run	-	-	20		
2 PM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Operator																												
3 PM	5.5	7.4	-	-	-	Nil	Run	-	7.66	Run	7.5	24	2.4	350	-	Run	7.54	-	-	-	-	-	Run	-	-	25		
4 PM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
5 PM	5.5	7.3	-	-	-	-	Run	-	7.71	Run	7.5	24	-	-	-	Run	7.62	-	-	-	-	-	Run	-	-	-		
6 PM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20		
7 PM	5.5	7.2	-	-	-	-	Run	-	7.91	Run	7.5	23	-	-	-	Run	7.44	-	-	-	-	-	Run	2	3	-		
8 PM	-	-	-	-	-	-	Nil	-	-	-	7.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
9 PM	6.0	7.2	-	-	-	-	Run	-	7.98	Run	-	25	-	-	-	Run	7.51	-	-	-	-	-	Run	-	-	15		
10 PM	-	-	-	-	-	-	-	-	-	-	7.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Operator																												
11 PM	6.0	7.0	21	-	-	-	Run	-	7.97	Run	7.60	24	-	-	-	Run	7.65	-	-	-	-	-	Run	-	-	-		
12 Night	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1 AM	-	-	-	-	-	-	Run	-	-	-	-	-	-	-	-	Run	7.57	-	-	-	-	-	-	-	-	25		
2 AM	6.0	7.0	22	-	420	-	-	-	7.79	Run	7.75	24	-	-	-	-	-	-	-	-	-	-	Run	-	-	-		
3 AM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
4 AM	6.0	7.2	910	-	116	-	-	-	-	-	7.66	25	2.4	350	-	Run	7.60	13.14	11.14	11.21	-	-	-	-	-	25		
5 AM	-	-	-	-	-	-	Run	-	7.87	Run	-	-	-	-	-	-	-	-	-	-	-	-	Run	-	-	-		
6 AM	6.0	7.2	-	-	-	-	-	-	7.85	-	7.68	26	-	-	-	Run	7.61	-	-	-	-	1511.29	-	-	-	-		
Operator																												

Electrical Consumption	Initial Reading	Final Reading	Total Consumption (KW)
	749034	749724	690

Signature
Operator Shift A

Signature
Operator Shift B

Signature
Operator Shift C

Signature
Site Engineer

Date
01/2/24

bajaj hindusthan sugar ltd. Utrala (Balrampur)
E.T.P. LOG BOOK

Time	Inlet					Oil & Grease Tank		Equalization Tank	Primary Clarifier	Aeration Tank					Secondary Clarifier / Outlet					Chemicals/Nutrients Consumption			Remarks				
	Flow at Dist. V. Area	pH	Temp	COD	BOD	TSS	Trick Filter	Mechanical Oil Skimmer	O & G Collected (Kg)	pH	Mechanical Scraper	pH	Temp	DO	MLSS	Sudge Volume Index	Air Compressor	pH	TSS	COD	BOD	Free lime ml per liter raw water		Mechanical Scraper	Urea (Kg)	DAP (Kg)	Lime (Kg)
7 AM	6.0	21	-	-	-	260	Run	-	7.87	Run	7.79	21	-	-	-	Run	7.65	-	-	-	151132	Run	-	-	-	-	
8 AM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20	
9 AM	6.0	21	-	-	-	Nil	Run	-	7.89	Run	7.69	23	-	-	-	Run	7.54	-	-	-	-	Run	3	5	-	-	
10 AM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
11 AM	5.5	22	-	-	-	Nil	Run	-	8.0	Run	7.48	24	-	-	-	Run	7.59	-	-	-	-	Run	-	-	-	-	
12 Noon	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15	
1 PM	5.5	23	865	99	Nil	Run	-	-	7.92	Run	7.69	25	2.4	35%	-	Run	7.5	140	111	-	-	Run	-	-	-	-	
2 PM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20	
Operator																											
3 PM	5.5	24	-	-	-	Nil	Run	-	7.66	Run	7.5	-	-	35%	-	Run	7.09	-	-	-	-	Run	-	-	-	10	
4 PM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
5 PM	5.5	23	-	-	-	-	Run	-	7.70	Run	7.5	-	-	-	-	Run	7.55	-	-	-	-	Run	-	-	-	-	
6 PM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15	
7 PM	5.5	23	-	-	-	-	Run	-	7.76	Run	7.5	-	-	-	-	Run	7.61	-	-	-	-	Run	9	9	-	-	
8 PM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20	
9 PM	5.5	22	-	-	-	Nil	Run	-	7.81	Run	7.5	-	-	-	-	Run	7.64	-	-	-	-	Run	-	-	-	-	
10 PM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10	
Operator																											
11 PM	6.0	21	-	425	-	-	Run	-	7.82	-	7.73	21	-	-	-	Run	7.66	-	-	-	-	Run	-	-	-	-	
12 Night	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1 AM	-	21	-	-	-	-	-	-	7.67	Run	7.69	23	-	-	-	Run	7.54	-	-	-	-	-	-	-	-	20	
2 AM	6.0	-	-	-	-	Nil	Run	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
3 AM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20	
4 AM	5.5	22	925	93	-	-	-	-	8.0	Run	7.67	24	-	-	-	Run	7.54	-	-	-	-	Run	-	-	-	-	
5 AM	-	-	-	-	-	-	Nil	Run	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
6 AM	6.0	23	-	-	-	-	-	-	7.97	Run	7.6	25	2.3	35%	-	-	7.5	140	112	15	151484	Run	-	-	-	-	
Operator																											

Electrical Consumption	Initial Reading	Final Reading	Total Consumption (KW)
	749724	750463	739

Jaynath
Operator Shift A

Manish
Operator Shift B

Mohit
Operator Shift C

S. Srinivas Rao
Site Incharge

Date
9/3/2024

bajaj hindusthan sugar ltd. Utrala (Balrampur)
E.T.P. LOG BOOK

Time	Inlet						Oil & Grease Tank		Equalization Tank		Primary Clarifier		Aeration Tank					Secondary Clarifier / Outlet				Chemical/Nutrients Consumption			Remarks			
	Flow as per U/Acft	pH	Temp	COD	BOD	TSS	Temp	Mechanics/ Oil Summed	O & G Collected (Kg)	pH	Mechanics/ Scrapper	pH	Temp	DO	MLSS	Sludge Volume Index	Air Compressor	pH	TSS	COD	BOD	Final flow as per flow meter installed	Mechanics/ Scrapper	Line (Kg)		DAP (Kg)	Line (Kg)	
7 AM	5.5	22	-	-	-	-	Nil	Run	-	7.92	Run	7.64	23	-	-	-	Run	7.65	-	-	-	15182	Run	-	-	-		
8 AM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20	
9 AM	5.5	22	-	-	-	-	Nil	Run	-	7.92	Run	7.64	22	-	-	-	Run	7.74	-	-	-	-	Run	3	4	-	-	
10 AM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
11 AM	5.5	23	865	434	110	Nil	Run	-	7.69	Run	7.84	24	2.4	357	-	Run	7.69	13.11	2.09	17.11	-	Run	-	-	-	-	-	
12 Noon	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20	
1 PM	6.0	24	-	-	-	-	Nil	Run	-	7.72	Run	7.77	24	-	-	-	Run	7.04	-	-	-	-	Run	-	-	-	-	
2 PM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15	
Operator																												
3 PM	5.5	24	-	-	-	-	Nil	Run	-	7.80	Run	7.61	24	-	-	-	Run	7.72	-	-	-	-	Run	-	-	-	20	
4 PM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
5 PM	5.5	25	-	-	-	-	Run	-	7.79	Run	7.35	25	-	-	-	Run	7.71	-	-	-	-	Run	-	-	-	-	20	
6 PM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
7 PM	5.5	23	-	-	-	-	Run	-	7.78	Run	7.74	24	-	-	-	Run	7.77	-	-	-	-	Run	3	5	15	-	-	
8 PM	-	-	-	-	-	-	Nil	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
9 PM	5.5	22	-	-	-	-	Run	-	7.65	Run	7.76	24	-	-	-	Run	7.74	-	-	-	-	Run	-	-	-	-	10	
10 PM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Operator																												
11 PM	5.5	22	-	-	-	-	Nil	Run	-	7.67	Run	7.65	24	-	352	-	Run	7.67	-	-	-	-	Run	-	-	-	20	
12 Noon	9.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1 AM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20	
2 AM	-	-	-	-	-	-	-	-	7.7	Run	7.74	25	-	-	-	-	-	7.60	-	-	-	-	Run	-	-	-	-	
3 AM	5.5	23	-	-	-	-	Nil	Run	-	-	-	-	-	352	-	Run	-	-	-	-	-	-	-	-	-	-	-	
4 AM	-	-	-	-	-	-	-	-	7.14	Run	7.28	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
5 AM	5.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7.21	-	-	-	-	Run	-	-	-	20	
6 AM	6.0	23	-	-	-	-	Nil	Run	-	7.91	Run	7.24	22	-	-	-	-	-	-	-	-	15185	-	-	-	-	-	
Operator																												

Electrical Consumption	Initial Reading	Final Reading	Total Consumption (KW)
	750 463	75 12 19	756

Prasanna
Operator Shift A

Manish
Operator Shift B

Manish
Operator Shift C

Manish
Site Incharge

Date
20/12/24

bajaj hindusthan sugar Ltd. Utrala (Balrampur)
E.T.P. LOG BOOK

Time	Inlet						Oil & Grease Tank		Equalization Tank	Primary Clarifier	Aeration Tank					Secondary Clarifier / Outlet					Chemical/Nutrients Consumption			Remarks				
	Flow as per Ultrasonic	pH	Temp	COD	BOD	TSS	Tracer Sugar	Mechanical Oil Skimmer	O & G Collected (Kg)	pH	Mechanical Scraper	pH	Temp	DO	MSS	Sludge Volume Index	Air Compressor	pH	TSS	COD	BOD	Flow as per flow meter installed	Mechanical Scraper		Urea (Kg)	DAP (Kg)	Lime (Kg)	
7 AM	155	6.0	21	-	-	-	Nil	Run	-	7.02	Run	7.25	23	-	-	-	Run	7.50	-	-	-	15182	Run	-	-	20		
8 AM	-	-	-	-	-	-	-	500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
9 AM	-	6.0	21	-	-	-	-	Run	-	7.09	Run	7.60	23	2-4	35%	-	Run	7.62	-	-	-	-	-	-	-	4	6	20
10 AM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
11 AM	-	5.5	22	-	-	-	Nil	Run	-	7.00	Run	7.25	24	-	-	-	Run	7.65	-	-	-	-	Run	-	-	-	20	
12 Noon	-	-	-	27	-	-	11	-	-	-	-	-	-	-	-	-	-	-	1305	110	-	-	-	-	-	-	-	
1 PM	-	5.5	23	-	-	-	-	Run	-	7.92	Run	7.65	25	-	-	-	Run	7.55	-	-	-	-	Run	-	-	-	20	
2 PM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Operator																												
3 PM	55	5.5	24	-	-	-	Nil	Run	-	7.21	Run	7.25	25	-	-	-	Run	7.61	-	-	-	-	Run	-	-	-	20	
4 PM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
5 PM	55	5.5	24	-	-	-	Nil	Run	-	7.85	Run	7.25	25	-	-	-	Run	7.52	-	-	-	-	Run	4	5	25		
6 PM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
7 PM	55	5.5	25	-	-	-	Nil	Run	-	7.85	Run	7.25	25	-	-	-	Run	7.58	-	-	-	-	Run	-	-	-	20	
8 PM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
9 PM	55	5.5	22	-	-	-	Nil	Run	-	7.88	Run	7.25	24	-	-	-	Run	7.59	-	-	-	-	Run	-	-	-	15	
10 PM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Operator																												
11 PM	-	6.0	21	-	-	-	Nil	Run	-	7.89	Run	7.80	24	-	35%	-	Run	7.50	-	-	-	-	Run	-	-	-	25	
12 Night	-	6.0	-	-	-	-	-	-	-	7.31	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1 AM	-	-	-	-	-	-	-	-	-	7.34	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
2 AM	-	-	21	-	-	-	-	Run	-	-	-	-	23	24	-	-	-	-	-	-	-	-	Run	-	-	-	25	
3 AM	-	-	-	-	-	-	-	-	-	-	Run	7.40	-	-	-	-	Run	-	-	-	-	-	-	-	-	-	-	
4 AM	-	6.0	-	-	-	-	Nil	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
5 AM	-	6.0	-	-	-	-	-	Run	-	7.92	-	-	23	25%	-	-	-	-	-	-	-	-	Run	-	-	-	-	
6 AM	155	-	23	-	-	-	Nil	-	-	-	Run	7.31	-	-	-	-	Run	7.20	-	-	-	152140	-	-	-	-		
Operator																												

Power Consumption	Initial Reading	Final Reading	Total Consumption (KW)
	751955	751969	14

Srinath
Operator Shift A

Manish
Operator Shift B

Manoj
Operator Shift C

Srinath
Site Incharge

22/10
11-11-2014

bajaj hindusthan sugar ltd. Utrala (Balrampur)
E.T.P. LOG BOOK

Time	Inlet					Oil & Grease Tank			Equalization Tank	Primary Clarifier	Aeration Tank					Secondary Clarifier / Outlet				Chemicals/Nutrients Consumption			Remarks				
	Flow as Per V-Notch	pH	Susp	COD	BOD	TSS	Trick Sugar	Mechanical Oil Sample			D & G Collected (Kg)	pH	Mechanical Scraper	pH	Temp	DO	MLSS	Sudge Volume Index	Air Compressor	pH	TSS	COD		BOD	Flow in per flow meter installed	Mechanical Scraper	Urea (Kg)
7 A.M. 5:50	5.5	21	-	-	-	-	Nil	Run	7.82	Run	7.69	22	-	-	-	Run	7.56	-	-	-	15230	Run	-	-	-	-	-
8 A.M.	5.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20	
9 A.M.	5.5	21	-	-	-	-	Run	-	7.80	Run	7.69	22	-	-	-	Run	7.56	-	-	-	-	Run	3	4	-	-	
10 A.M.	5.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
11 A.M.	5.5	22	-	-	-	-	Nil	Run	7.89	Run	7.71	23	-	-	-	Run	7.56	-	-	-	-	Run	-	-	-	20	
12 Noon	5.5	21	-	-	-	113	-	-	-	-	-	-	9.5	307	-	-	-	17.2	110.5	-	-	-	-	-	-	-	
1 P.M.	5.5	22	-	-	-	-	Run	-	7.90	Run	7.20	24	-	-	-	Run	7.51	-	-	-	-	Run	-	-	-	-	
2 P.M.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15	
Operator																											
3 P.M.	5.5	23	-	-	-	Nil	Run	-	7.85	Run	7.74	21	-	-	-	Run	7.56	-	-	-	-	Run	4	5	20	-	
4 P.M.	-	-	-	-	-	-	-	-	-	-	-	-	-	39	-	-	-	-	-	-	-	-	-	-	-	-	
5 P.M.	5.5	23	-	-	-	-	Nil	Run	7.84	Run	7.76	25	-	-	-	Run	7.58	-	-	-	-	Run	-	-	-	20	
6 P.M.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Run	-	-	-	-	-	-	-	-	-	-	
7 P.M.	5.5	22	-	-	-	-	Nil	Run	7.82	Run	7.75	24	-	-	-	-	7.59	-	-	-	-	Run	-	-	-	20	
8 P.M.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Run	-	-	-	-	-	-	-	-	-	-	
9 P.M.	5.0	23	-	-	-	-	Nil	Run	7.88	Run	7.77	24	-	35	-	-	-	-	-	-	-	Run	-	-	-	15	
10 P.M.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Run	7.56	-	-	-	-	-	-	-	-	-	
Operator																											
11 P.M.	5.5	21	-	-	-	-	Nil	Run	7.82	-	7.22	23	-	35	Run	-	7.71	-	-	-	-	-	-	-	-	-	
12 Night	-	-	-	-	-	-	-	-	7.80	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1 A.M.	-	-	-	-	-	-	-	-	7.71	-	-	-	-	-	-	-	-	-	-	-	-	Run	-	-	-	-	
2 A.M.	5.5	25	-	-	-	-	Nil	Run	-	Run	-	24	-	-	-	Run	7.72	-	-	-	-	-	-	-	-	-	
3 A.M.	-	-	-	-	-	-	-	-	-	-	7.18	-	-	35	-	-	-	-	-	-	-	-	-	-	-	-	
4 A.M.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Run	-	-	-	-	-	-	Run	-	-	-	-	
5 A.M. 5:50	-	-	-	-	-	-	Nil	Run	7.81	Run	-	23	-	35	-	Run	7.80	-	-	-	-	-	-	-	-	25	
6 A.M.	5.5	22	-	-	-	-	-	-	-	-	7.30	-	-	-	Run	-	-	-	-	-	-	158435	-	-	-	-	
Operator																											

Electrical Consumption	Initial Reading	Final Reading	Total Consumption (KW)
	7 5 3 3 6 5	7 5 2 6 0 0	7 2 2

Prasanna
Operator Shift A

Manish
Operator Shift B

Manish
Operator Shift C

S. Dandekar
Site Incharge

bajaj hindusthan sugar Ltd. Utrala (Balrampur)
E.T.P. LOG BOOK

Date: 27/11/2024

Time	Inlet					Oil & Grease Tank		Evaporator Tank	Primary Clarifier	Aeration Tank					Secondary Clarifier / Outlet					Remarks								
	Flow (m ³ /hr)	pH	Temp	COD	BOD	TSS	Trick Filter			Mechanical Oil Summer	O & G Collected (Kg)	pH	Mechanical Scraper	pH	Temp	DO	MLSS	Sudge Volume Index	Air Compressor		pH	TSS	COD	BOD	Flow (m ³ /hr)	Mechanical Scraper	Urea (Kg)	DAP (Kg)
6 AM	55	22	-	-	-	-	Run	1500	7.67	Run	7.67	24	-	-	-	Run	7.56	-	-	-	1520	Run	-	-	-	-		
7 AM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20		
8 AM	55	22	-	-	-	-	Run	-	7.89	Run	7.75	29	-	-	-	Run	7.68	-	-	-	-	Run	4	4	-	-		
9 AM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
10 AM	55	23	-	-	-	-	Run	-	7.93	Run	7.74	23	-	357	-	Run	7.60	-	-	-	-	Run	-	-	-	20		
11 AM	-	-	515	-	-	112	-	-	-	-	-	-	-	-	-	-	-	1325	1110	-	-	-	-	-	-	-		
12 PM	55	23	-	-	-	-	Run	-	7.94	Run	7.68	23	-	-	-	Run	7.53	-	-	-	-	Run	-	-	-	20		
1 PM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Operator																												
2 PM	55	23	-	-	-	-	Run	-	7.74	Run	7.69	21	-	-	-	Run	7.60	-	-	-	-	Run	-	-	-	-		
3 PM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
4 PM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
5 PM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
6 PM	55	23	-	-	-	-	Run	-	7.83	Run	7.35	23	-	361	-	Run	7.75	-	-	-	-	Run	4	5	20	-		
7 PM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
8 PM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20		
9 PM	55	22	-	-	-	-	Run	-	7.91	Run	7.16	22	-	-	-	Run	7.80	-	-	-	-	Run	-	-	-	20		
Operator																												
10 PM	55	22	-	-	-	-	Run	-	7.87	Run	7.40	24	-	-	-	Run	7.71	-	-	-	-	Run	-	-	-	-		
11 PM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
12 AM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1 AM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
2 AM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
3 AM	55	23	-	-	-	-	Run	-	7.84	Run	7.29	23	-	351	-	Run	7.74	-	-	-	-	Run	-	-	-	25		
4 AM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
5 AM	65	22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
6 AM	55	22	-	-	-	-	Run	-	7.90	Run	7.40	23	-	-	-	Run	7.60	-	-	-	152832	Run	-	-	-	25		
Operator																												

Electric Consumption:	Initial Reading	Final Reading	Total Consumption (KW)
	759660	758367	767

Srinivasa
Operator Shift A

Manoj
Operator Shift B

Manoj
Operator Shift C

Srinivas
In-charge

bajaj hindusthan sugar ltd. Utrala (Balrampur)

E.T.P. LOG BOOK

Date: 13.12.2024

Time	Inlet				Oil & Grease Tank		Evaporation Tank	Primary Clarifier	Aeration Tank					Secondary Clarifier / Outlet				Chemical/Sludges Consumption				Remarks				
	Flow in Pipe (M ³ /hr)	pH	Temp	CO ₂	BOD	TSS			Titrable Sulphur	Mechanics Oil Summed	O & G Collected (Kg)	pH	Temp	DO	MLSS	Sludge Volume Index	Air Compressor	pH	TSS	CO ₂	BOD		Final flow in per flow meter installed	Mechanics Soap	Line (Kg)	GAP (Kg)
7 AM	6.0	8.1	-	-	-	-	Nil	Run	7.69	Run	7.65	21	-	-	Run	7.65	-	-	-	5530.33	Run	-	-	2.0		
8 AM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
9 AM	6.0	8.1	-	-	-	-	Run	7.78	Run	7.76	22	-	-	Run	7.56	-	-	-	-	-	Run	3	4	2.0		
10 AM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
11 AM	6.0	8.2	-	-	-	-	Nil	Run	7.77	Run	7.67	22	-	-	Run	7.57	-	-	-	-	Run	-	-	1.0		
12 Noon	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1 PM	5.0	8.3	8.7	-	113	-	Run	7.75	Run	7.65	2.3	2.5	35%	-	Run	7.60	18.25	109.5	-	-	Run	-	-	2.0		
2 PM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Operator																										
3 PM	-	-	-	-	-	-	Nil	Run	7.80	Run	7.61	21	-	-	Run	7.61	-	-	-	-	Run	-	-	-	-	
4 PM	6.0	8.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.0		
5 PM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
6 PM	-	-	-	-	-	-	Nil	Run	7.77	Run	7.64	23	-	-	Run	7.56	-	-	-	-	Run	-	-	-	-	
7 PM	6.0	8.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.0		
8 PM	-	-	-	-	-	-	-	-	-	-	35%	-	-	-	-	-	-	-	-	-	-	-	-	-		
9 PM	-	-	-	-	-	-	-	-	7.75	Run	7.76	22	-	-	Run	7.71	-	-	-	-	Run	-	-	2.0		
10 PM	6.0	8.3	-	-	-	-	Nil	Run	7.61	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.0		
Operator																										
11 PM	6.0	8.3	-	-	-	-	Nil	Run	7.70	Run	7.60	23	-	-	Run	-	-	-	-	-	Run	-	-	2.0		
12 Night	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1 AM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
2 AM	6.0	8.1	-	-	-	-	-	-	7.74	Run	7.64	22	35%	Run	-	-	-	-	-	-	Run	-	-	2.0		
3 AM	-	-	-	-	-	-	Nil	Run	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
4 AM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.0		
5 AM	-	-	-	-	-	-	-	-	7.75	Run	7.76	23	-	-	Run	-	-	-	-	-	-	-	-	-		
6 AM	6.0	8.3	-	-	-	-	Nil	Run	-	-	-	-	-	-	-	-	-	-	-	5530.70	Run	-	-	-		
Operator																										

Electrical Consumption	Initial Reading	Final Reading	Total Consumption (KW)
	7533.07	7541.40	753

Srinath
Operator Shift A
Mohan
Operator Shift B
Mohan
Operator Shift C
S. Chandu Roy
Site Incharge

bajaj hindusthan sugar ltd. Utrala (Balrampur)

E.T.P. LOG BOOK

Date
24/8/2024

Time	Inlet					Oil & Grease Tank		Equalization Tank	Primary Clarifier	Aeration Tank					Secondary Clarifier / Outlet					Chemicals/Nutrients Consumption			Remarks					
	Flow to Ponds (M ³ /hr)	pH	Temp	COD	BOD	TSS	Flow Sugar			Mechanical Oil (L/min)	O & G Collected (Kg)	pH	Mechanical Scraper	pH	Temp	DO	MLSS	Sludge Volume Index	Air Compressor	pH	TSS	COD		BOD	Flow to Ponds (M ³ /hr)	Mechanical Scraper	Urea (Kg)	DAP (Kg)
7 AM	5.5	7.5	21	-	-	-	Nil	Run	-	7.87	Run	7.64	21	-	-	-	Run	7.65	-	-	-	15.30	Run	-	-	20		
8 AM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
9 AM	-	5.5	21	-	-	-	Nil	Run	-	7.87	Run	7.71	22	-	-	-	Run	7.65	-	-	-	-	-	4	4	20		
10 AM	-	5.5	22	-	-	-	Nil	Run	-	7.90	Run	7.71	23	2.4	35%	-	Run	7.60	-	-	-	-	-	-	-	-	20	
11 AM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
12 Noon	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1 PM	-	5.5	22	817	-	10%	Nil	Run	-	7.93	Run	7.71	23	-	-	-	Run	7.60	2.2	110%	-	-	-	-	-	-	20	
2 PM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Operator																												
3 PM	-	5.5	22	-	-	-	Nil	Run	-	7.81	Run	7.71	23	-	-	-	Run	7.60	-	-	-	-	-	-	-	-	20	
4 PM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
5 PM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
6 PM	-	5.5	21	-	-	-	Nil	Run	-	7.93	Run	7.80	22	3.5%	-	-	Run	7.70	-	-	-	-	-	-	-	-	20	
7 PM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
8 PM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
9 PM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
10 PM	-	5.5	23	-	-	-	Nil	Run	-	7.83	Run	7.71	21	-	-	-	Run	7.61	-	-	-	-	-	-	-	-	20	
11 PM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
12 Night	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1 AM	-	5.5	21	-	-	-	Nil	Run	-	7.84	Run	7.71	22	3.5%	-	-	Run	7.70	-	-	-	-	-	-	-	-	20	
2 AM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
3 AM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
4 AM	-	5.5	22	-	-	-	Nil	Run	-	7.90	Run	7.71	21	-	-	-	Run	7.60	-	-	-	-	-	-	-	-	20	
5 AM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
6 AM	-	5.5	23	-	-	-	Nil	Run	-	7.85	Run	7.61	23	-	-	-	Run	7.74	-	-	-	15.30	Run	-	-	20		
Operator																												

Electric Consumption	Initial Reading	Final Reading	Totl Consumption (KW)
	754140	754650	730

Signature
Operator Shift A

Signature
Operator Shift B

Signature
Operator Shift C

Signature
Site Incharge

bajaj hindusthan sugar ltd. Utrala (Balrampur)

E.T.P. LOG BOOK

Time	Infl					Oil & Grease Tank			Equalization Tank		Primary Clarifier		Aeration Tank					Secondary Clarifier / Outlet					Chemical/Nutrients Consumption			Remarks	
	Flow in the V-Line	pH	Temp	COD	BOD	TSS	Total Sugar	Mechanical Oil Summed	O & G Collected (Kg)	pH	Mechanical Scraper	pH	Temp	DO	MLSS	Sudge Volume Index	Air Compressor	pH	TSS	COD	BOD	Final flow in per flow meter installed	Mechanical Scraper	Urea (Kg)	DAP (Kg)		Lime (Kg)
7 A.M.	5.5	2.1	-	-	-	Nil	Run	-	7.69	Run	7.63	22	-	-	-	Run	7.60	-	-	-	253530	Run	-	-	20		
8 A.M.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
9 A.M.	5.5	2.2	-	-	-	Nil	Run	-	7.68	Run	7.73	22	-	-	-	Run	7.65	-	-	-	-	Run	-	-	20		
10 A.M.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
11 A.M.	5.5	2.0	-	-	-	Nil	Run	-	7.65	Run	7.72	23	2.5	351	-	Run	7.60	-	-	-	-	Run	2	2	20		
12 Noon	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20	
1 P.M.	5.5	2.3	-	-	-	Nil	Run	-	7.67	Run	7.75	23	-	-	-	Run	7.52	-	-	-	-	Run	-	-	20		
2 P.M.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Operator																											
3 P.M.	-	2.1	815	425	BS	Nil	Run	-	7.71	Run	7.73	23	-	-	-	Run	7.60	12.17	109.5	14.8	-	Run	-	-	20		
4 P.M.	5.5	2.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
5 P.M.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
6 P.M.	5.5	2.1	-	-	-	Nil	Run	-	7.83	Run	7.63	22	-	-	-	Run	7.61	-	-	-	-	Run	-	-	20		
7 P.M.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
8 P.M.	-	-	-	-	-	-	-	-	-	-	-	-	-	362	-	-	-	-	-	-	-	-	-	-	-	20	
9 P.M.	5.5	2.3	-	-	-	Nil	Run	-	7.67	Run	7.72	23	-	-	-	Run	7.65	-	-	-	-	Run	-	-	-		
10 P.M.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20	
Operator																											
11 P.M.	5.5	2.2	-	-	-	Nil	Run	-	7.61	Run	7.61	23	-	-	-	Run	7.61	-	-	-	-	Run	-	-	20		
12 Night	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1 A.M.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
2 A.M.	5.5	2.1	-	-	-	Nil	Run	-	7.71	Run	7.44	23	362	-	Run	7.74	-	-	-	-	-	Run	-	-	20		
3 A.M.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
4 A.M.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20	
5 A.M.	5.5	2.3	-	-	-	Nil	Run	-	7.81	Run	7.72	23	-	-	-	Run	7.54	-	-	-	-	Run	-	-	-		
6 A.M. (19th)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	254440	-	-	-	20		
Operator																											

Electrical Consumption	Initial Reading	Final Reading	Total Consumption (KW)
		7540.50	75565.4

Srinath
Operator Shift A

Manoh
Operator Shift B

Arvind
Operator Shift C

[Signature]
Site Incharge

Date
26/12/2024

bajaj hindusthan sugar ltd. Utrala (Balrampur)
E.T.P. LOG BOOK

Time	Inlet						Oil & Grease Tank		Equalization Tank	Primary Clarifier	Aeration Tank						Secondary Clarifier / Outlet					Chemical/Nutrients Consumption			Remarks	
	Flow in (m ³ /hr)	pH	Temp	COD	BOD	TSS	Trace Sugar	Mechanical Oil Skimmer	OAG Collected (Kg)	pH	Mechanical Scraper	pH	Temp	DO	MLSS	Sudge Volume Index	Air Compressor	pH	TSS	COD	BOD	Final flow in per flow meter installed	Mechanical Scraper	Urea (Kg)		DAP (Kg)
7 A.M.	55	22	-	-	-	-	Nil	Run	7.70	Run	7.60	22	-	-	-	Run	7.60	-	-	-	254148	Run	-	-	20	
8 A.M.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
9 A.M.	55	22	-	-	-	-	Nil	Run	7.85	Run	7.61	23	-	-	-	Run	7.76	-	-	-	-	-	-	-	-	
10 A.M.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20	
11 A.M.	6.023	22	-	-	87.5	-	Nil	Run	7.85	Run	7.60	23	2.5	381	-	Run	7.67	16.6	185	-	-	-	-	-	-	
Noon	-	-	-	-	-	-	-	5500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1 P.M.	6.0	23	-	-	-	-	Nil	Run	7.80	Run	7.70	24	-	-	-	Run	7.56	-	-	-	-	-	-	-	20	
2 P.M.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Operator																										
3 P.M.	5.5	24	-	-	-	-	Nil	Run	7.77	Run	7.44	23	-	-	-	Run	7.20	-	-	-	-	-	-	-	-	
4 P.M.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
5 P.M.	5.5	24	-	-	-	-	Nil	Run	7.79	Run	7.70	23	-	-	-	Run	7.49	-	-	-	-	-	-	-	-	
6 P.M.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
7 P.M.	5.5	25	-	-	-	-	Nil	Run	7.82	Run	7.61	25	-	-	-	Run	7.49	-	-	-	-	-	-	-	-	
8 P.M.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
9 P.M.	6.4	23	-	-	-	-	Nil	Run	7.85	Run	7.75	24	-	-	-	Run	7.75	-	-	-	-	-	-	-	-	
10 P.M.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Operator																										
11 P.M.	6.0	22	-	-	-	-	Nil	Run	7.89	Run	7.42	22	-	-	-	Run	7.76	-	-	-	-	-	-	-	-	
12 Night	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1 A.M.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
2 A.M.	5.5	21	-	-	-	-	Nil	Run	7.70	Run	7.85	23	3.5	-	-	Run	7.67	-	-	-	-	-	-	-	20	
3 A.M.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20	
4 A.M.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
5 A.M.	5.5	22	-	-	-	-	Nil	Run	7.90	Run	7.61	24	-	-	-	Run	7.56	-	-	-	-	-	-	-	20	
6 A.M.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	354449	-	-	-	20	
Operator																										

Electrical Consumption	Initial Reading	Final Reading	Total Consumption (KW)
	755654	756438	784

Prerna
Operator Shift A

Manish
Operator Shift B

Manoj
Operator Shift C

[Signature]
Site Incharge

bajaj hindusthan sugar ltd. Utrala (Balrampur)
E.T.P. LOG BOOK

Time	Inlet						Oil & Grease Tank		Equalization Tank	Primary Clarifier	Aeration Tank					Secondary Clarifier / Outlet				Chemical/Nutrients Consumption			Remarks					
	Flow at Pipe / Mtr	pH	Temp	COD	BOD	TSS	Thick Sludge	Mechanical Oil Separator	O & G Collected (Kg)	pH	Mechanical Scraper	pH	Temp	DO	MLSS	Sludge Volume Index	Air Compressor	pH	TSS	COD	BOD	Flow in per flow meter installed		Mechanical Scraper	Urea (Kg)	DAP (Kg)	Lime (Kg)	
7 A.M.	5.5	22	-	-	-	-	Nil	Run	7.89	Run	7.26	22	-	-	-	Run	7.56	-	-	-	15449	Run	-	-	-	-	-	
8 A.M.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
9 A.M.	5.5	23	-	-	-	-	Nil	Run	7.86	Run	7.63	22	-	-	-	Run	7.96	-	-	-	-	Run	-	-	-	20	-	
10 A.M.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
11 A.M.	5.5	22	912	-	966	-	Nil	Run	7.85	Run	7.69	23	2.4	3.57	-	Run	7.55	162	1021	-	-	Run	-	-	-	-	-	
12 Noon	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20	-	
1 P.M.	5.5	22	-	-	-	-	Nil	Run	7.85	Run	7.26	23	-	-	-	Run	7.55	-	-	-	-	Run	-	-	-	-	-	
2 P.M.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Operator																												
3 P.M.	5.5	23	-	-	-	-	Nil	Run	7.85	Run	7.21	24	-	-	-	Run	7.60	-	-	-	-	Run	-	-	-	25	-	
4 P.M.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
5 P.M.	5.5	23	-	-	-	-	Nil	Run	7.86	Run	7.25	24	-	-	-	Run	7.62	-	-	-	-	Run	-	-	-	20	-	
6 P.M.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
7 P.M.	5.5	22	-	-	-	-	Nil	Run	7.84	Run	7.26	24	-	-	-	Run	7.98	-	-	-	-	Run	-	-	-	15	-	
8 P.M.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
9 P.M.	5.5	22	-	-	-	-	Nil	Run	7.85	Run	7.27	23	-	-	-	Run	7.57	-	-	-	-	Run	-	-	-	20	-	
10 P.M.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Operator																												
11 P.M.	5.5	21	-	-	-	-	Nil	Run	7.86	Run	7.26	22	-	-	-	Run	7.56	-	-	-	-	Run	-	-	-	20	-	
12 Night	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1 A.M.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
2 A.M.	5.5	23	-	-	-	-	Nil	Run	7.84	Run	7.24	23	2.4	3.61	-	Run	7.46	-	-	-	-	Run	-	-	-	20	-	
3 A.M.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
4 A.M.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
5 A.M.	5.5	21	-	-	-	-	Nil	Run	7.84	Run	7.26	22	-	-	-	Run	7.56	-	-	-	-	Run	-	-	-	-	-	
6 A.M.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Operator	595																											

Electrical Consumption	Initial Reading	Final Reading	Total Consumption (KW)
	756930	757280	349

S. Venkatesh
Operator Shift A

Mamun
Operator Shift B

M. Anand
Operator Shift C

S. Venkatesh
Site Incharge

bajaj hindusthan sugar ltd. Utrala (Balrampur)

E.T.P. LOG BOOK

Date: 18/11/24

Time	Inlet							Oil & Grease Tank			Equalizer Tank		Primary Clarifier		Aeration Tank						Secondary Clarifier / Outlet				Chemical/Nutrients Consumption			Remarks
	Flow as per V-Acre	pH	Temp	CO ₂	BOD	TSS	Free Sugar	Mechanical Oil Sumner	O & G Collected (Kg)	pH	Mechanical Scraper	pH	Temp	DO	MLSS	Sludge Volume Index	Air Compressor	pH	TSS	CO ₂	BOD	Flow in m ³ per hour meter rotated	Mechanical Scraper	Urea (Kg)	DAP (Kg)	Lime (Kg)		
7 A.M.	5.5	2.1	-	-	-	-	Nil	Run	7.89	Run	7.78	22	-	-	-	Run	7.53	-	-	-	154765	Run	5	6	20			
8 A.M.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
9 A.M.	5.5	2.2	-	-	-	-	Nil	Run	7.88	Run	7.81	22	-	-	-	Run	7.55	-	-	-	-	-	-	-	-	10		
10 A.M.	5.5	2.3	-	-	-	-	Nil	Run	7.85	Run	7.75	23	-	-	-	Run	7.55	-	-	-	-	-	-	-	-	10		
11 A.M.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1 P.M.	5.5	2.3	8.5	-	81.7	Nil	Run	7.86	Run	7.71	24	2.5	35.7	-	-	Run	7.50	17.2	105.6	-	-	-	-	-	-	10		
2 P.M.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Operator																												
3 P.M.	5.5	2.4	-	-	-	-	Nil	Run	7.86	Run	7.75	24	-	-	-	Run	7.56	-	-	-	-	-	-	-	-	10		
4 P.M.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
5 P.M.	5.5	2.4	-	-	-	-	Nil	Run	7.86	Run	7.71	25	-	-	-	Run	7.58	-	-	-	-	-	-	-	-	-		
6 P.M.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10		
7 P.M.	5.5	2.6	-	-	-	-	Nil	Run	7.87	Run	7.82	25	-	-	-	Run	7.60	-	-	-	-	-	-	-	-	-		
8 P.M.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15		
9 P.M.	5.5	2.5	-	-	-	-	Nil	Run	7.85	Run	7.76	24	-	-	-	Run	7.59	-	-	-	-	-	-	-	-	-		
10 P.M.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20		
Operator																												
11 P.M.	5.5	2.3	-	-	-	-	Nil	Run	7.71	Run	7.71	24	-	-	-	Run	7.60	-	-	-	-	-	-	-	-	-	-	
7 Night	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20	
1 A.M.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
2 A.M.	5.5	2.2	-	-	-	-	Nil	Run	7.87	Run	7.77	23	-	-	-	Run	7.64	-	-	-	-	-	-	-	-	-		
3 A.M.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20		
4 A.M.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
5 A.M.	5.5	2.1	-	-	-	-	Nil	Run	7.91	Run	7.71	23	-	-	-	Run	7.71	-	-	-	-	-	-	-	-	20		
6 A.M.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	155278	-	-	-	-	-		
Operator																												

Electrical Consumption	Initial Reading	Final Reading	Total Consumption (KW)
	757980	758077	99

Pramath
Operator Shift A

Manish
Operator Shift B

Manish
Operator Shift C

Shankar Ray
Site Incharge

11/20/24

20/2/2024

bajaj hindusthan sugar ltd. Utrala (Balrampur)
E.T.P. LOG BOOK

Time	Inlet					Oil & Grease Tank		Filtration Tank		Primary Clarifier		Aeration Tank					Secondary Clarifier / Outlet					Chemical/Nutrients Consumption			Remarks	
	Flow rate (m ³ /hr)	pH	Temp	COD	BOD	TSS	Trick Sugar	Mechanical Oil Skimmer	O & G Collected (kg)	pH	Mechanical Scraper	pH	Temp	DO	MLSS	Sludge Volume Index	Air Compressor	pH	TSS	COD	BOD	Flow rate per flow meter installed	Mechanical Scraper	Urea (Kg)		DAP (Kg)
8.A.M	5.5	21	-	-	-	-	Nil	Run	-	7.87	Run	7.87	22	-	-	-	Run	7.65	-	-	-	15540	Run	-	-	20
9.A.M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10.A.M	5.5	21	-	-	-	-	Nil	Run	-	7.90	Run	7.79	23	-	-	-	Run	7.64	-	-	-	-	Run	-	-	20
11.A.M	5.5	22	65	45	12.5	-	Nil	Run	-	7.88	Run	7.78	23	2.5	3.52	-	Run	7.64	11.68	11.9	17.1	-	Run	-	-	20
Noon	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.P.M	5.5	23	-	-	-	-	Nil	Run	-	7.87	Run	7.78	24	-	-	-	Run	7.65	-	-	-	-	Run	-	-	20
2.P.M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
generator	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3.P.M	5.5	23	-	-	-	-	Run	-	7.98	Run	7.5	24	-	-	-	Run	7.66	-	-	-	-	Run	-	-	15	
4.P.M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5.P.M	5.5	23	-	-	-	-	Run	-	7.86	Run	7.5	24	-	-	-	Run	7.57	-	-	-	-	Run	4	6	10	
6.P.M	-	-	-	-	-	-	-	-	-	-	-	-	25	-	-	-	-	-	-	-	-	-	-	-	-	-
7.P.M	5.5	22	-	-	-	-	Run	-	7.87	Run	7.5	23	-	-	-	Run	7.76	-	-	-	-	Run	-	-	20	
8.P.M	-	-	-	-	-	-	-	-	-	7.89	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.P.M	5.5	22	-	-	-	-	Run	-	-	Run	7.5	23	-	-	-	Run	7.51	-	-	-	-	Run	-	-	15	
10.P.M	-	-	-	-	-	-	-	-	-	7.76	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
generator	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11.P.M	5.5	22	-	-	-	-	Nil	Run	-	7.6	Run	7.80	22	3.52	-	Run	7.60	-	-	-	-	Run	-	-	20	
Noon	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.A.M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2.A.M	5.5	22	-	-	-	-	Nil	Run	-	7.74	Run	7.74	23	3.52	-	Run	7.71	-	-	-	-	Run	-	-	20	
3.A.M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4.A.M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5.A.M	5.5	22	-	-	-	-	Nil	Run	-	7.80	Run	7.78	22	3.52	-	Run	7.81	-	-	-	-	Run	-	-	20	
6.A.M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15543	-	-	-	
generator	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

Power Consumption	Initial Reading	Final Reading	Total Consumption (KW)
	750077	750739	662

Prasanna
Operator Shift A

Manish
Operator Shift B

Manoj
Operator Shift C

[Signature]
Site Incharge

bajaj hindusthan sugar ltd. Utrala (Balrampur)
E.T.P. LOG BOOK

Date
20/1/2024

Time	Inlet					Oil & Grease Tank		Evaporation Tank		Primary Clarifier		Aeration Tank					Secondary Clarifier / Outlet					Chemical Nutrients Consumption				Remarks		
	Flow to Pw (liters)	pH	Temp	COO	BOD	TSS	Trick Super	Mechanical Oil Separator	O & G Collected (Kg)	pH	Mechanical Scraper	pH	Temp	DO	MLSS	Sludge Volume Index	Air Compressor	pH	TSS	COO	BOD	Flow to Pw (liters)	Mechanical Scraper	Urea (Kg)	DAP (Kg)		Lime (Kg)	
7 AM	55	21	-	-	-	Nil	Run	-	7.82	Run	7.81	22	-	-	-	Run	7.55	-	-	-	155873	Run	-	-	20			
8 AM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
9 AM	55	22	-	-	-	Nil	Run	-	7.80	Run	7.83	23	-	-	-	Run	7.55	-	-	-	-	Run	-	-	20			
10 AM	50	23	-	-	-	Nil	Run	-	7.80	Run	7.8	24	-	-	-	Run	7.59	-	-	-	-	Run	-	-	20			
11 AM	50	23	870	-	420	Nil	Run	-	7.80	Run	7.84	24	35%	-	Run	7.58	11.55	11.55	-	-	-	Run	-	-	20			
12 PM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10		
Operator																												
3 PM	55	25	-	-	-	Nil	Run	0.500	7.84	Run	7.84	24	-	-	-	Run	7.68	-	-	-	-	Run	4	6	-			
4 PM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
5 PM	55	25	-	-	-	Nil	Run	-	7.87	Run	7.92	24	35%	-	Run	7.61	-	-	-	-	-	Run	-	-	25			
6 PM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
7 PM	55	22	-	-	-	Nil	Run	-	7.84	Run	7.76	24	-	-	-	Run	7.62	-	-	-	-	Run	-	-	15			
8 PM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
9 PM	55	22	-	-	-	Nil	Run	-	7.86	Run	7.84	23	-	-	-	Run	7.64	-	-	-	-	-	-	-	-	-		
10 PM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20		
Operator																												
11 PM	55	21	-	-	-	Nil	Run	-	7.84	Run	7.38	22	35%	-	Run	7.72	-	-	-	-	-	Run	-	-	20			
12 Night	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1 AM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
2 AM	65	23	-	-	-	Nil	Run	-	8.00	Run	7.34	22	-	-	-	Run	7.80	-	-	-	-	Run	-	-	20			
3 AM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
4 AM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
5 AM	65	23	-	-	-	Nil	Run	-	7.96	Run	7.40	22	-	-	-	Run	7.81	-	-	-	-	Run	-	-	20			
6 AM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Operator																												

Electrical Consumption	Initial Reading	Final Reading	Total Consumption (KW)
	750739	759513	774

Operator Shift A: *[Signature]*
Operator Shift B: *[Signature]*
Operator Shift C: *[Signature]*
Site Incharge: *[Signature]*

bajaj hindusthan sugar ltd. Utrala (Balrampur)
E.T.P. LOG BOOK

Date
22/5/2024

Time	Inlet						Oil & Grease Tank		Filtration Tank		Primary Clarifier		Aeration Tank					Secondary Clarifier / Outlet					Chemical Nutrients Consumption			Remarks		
	Flow as Per U.A. Meter	pH	Temp	COD	BOD	TSS	Trickles Super	Mechanical Oil Separator	D & G Collected (Kg)	pH	Mechanical Scraper	pH	Temp	DO	MLSS	Sudge Volume Index	Air Compressor	pH	TSS	COD	BOD	Flow as per flow meter installed	Mechanical Scraper	Urea (Kg)	DAP (Kg)		Lime (Kg)	
7 A.M.	5.0	2.2	-	-	-	-	Nil	Run	-	7.73	Run	7.69	23	-	-	-	Run	7.59	-	-	-	155842	Run	-	-	20		
8 A.M.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20		
9 A.M.	5.0	2.2	-	-	-	-	Nil	Run	-	7.73	Run	7.69	22	-	-	-	Run	7.58	-	-	-	-	-	-	-	20		
10 A.M.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20		
11 A.M.	5.0	2.3	175	-	95.5	-	Nil	Run	-	7.74	Run	7.69	23	2.5	357	-	Run	7.56	11.96	12.0	-	-	-	-	-	20		
12 Noon	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1 P.M.	5.0	2.3	-	-	-	-	Nil	Run	-	7.74	Run	7.69	23	-	-	-	Run	7.58	-	-	-	-	-	-	-	10		
2 P.M.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Operator																												
3 P.M.	5.0	2.2	-	-	-	-	Nil	Run	-	7.69	Run	7.69	23	-	-	-	Run	7.56	-	-	-	-	-	-	-	20		
4 P.M.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
5 P.M.	5.0	2.2	-	-	-	-	Nil	Run	-	7.69	Run	7.69	22	-	-	-	Run	7.55	-	-	-	-	-	-	-	20		
6 P.M.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
7 P.M.	5.5	2.3	-	-	-	-	Nil	Run	-	7.69	Run	7.69	22	-	-	-	Run	7.55	-	-	-	-	-	-	-	20		
8 P.M.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
9 P.M.	5.5	2.2	-	-	-	-	Nil	Run	-	7.69	Run	7.69	23	-	-	-	Run	7.60	-	-	-	-	-	-	-	10		
10 P.M.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Operator																												
11 P.M.	5.0	2.3	-	-	-	-	Nil	Run	-	7.70	Run	7.69	23	-	-	-	Run	7.71	-	-	-	-	-	-	-	20		
12 Night	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1 A.M.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
2 A.M.	5.5	2.2	-	-	-	-	Nil	Run	-	7.74	Run	7.71	23	-	352	-	Run	7.71	-	-	-	-	-	-	-	20		
3 A.M.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
4 A.M.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
5 A.M.	5.0	2.3	-	-	-	-	Nil	Run	-	7.70	Run	7.69	23	-	-	-	Run	7.71	-	-	-	-	-	-	-	20		
6 A.M.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.45	232	-	-	-	-	
Operator																												

Electrical Consumption	Initial Reading	Final Reading	Total Consumption (KW)
	759523	760293	760

Prasanth
Operator Shift A
Manish
Operator Shift B
Asa
Operator Shift C
Site Incharge
Site Incharge

Date
22/3/2024

bajaj hindusthan sugar Ltd. Utrala (Balrampur)
E.T.P. LOG BOOK

Time	Inlet						Oil & Grease Tank			Equalizer Tank	Primary Clarifier	Aeration Tank						Secondary Clarifier / Outlet					Chemical/Nutrients Consumption			Remarks			
	Flow to the Units	pH	Temp	COD	BOD	TSS	Trace Sugar	Mechanical Oil Slimes	O & G Collected (Kg)	pH	Mechanical Scraper	pH	Temp	DO	MLSS	Sludge Volume Index	Air Compressor	pH	TSS	COD	BOD	Flow Rate per flow outlet	Mechanical Scraper	Urea (Kg)	DAP (Kg)		Lime (Kg)		
7 A.M	5.5	22	-	-	-	-	Nil	Run	7.62	Run	7.61	22	-	-	-	Run	7.55	-	-	-	15622	Run	-	-	20				
8 A.M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
9 A.M	5.5	22	-	-	-	-	Nil	Run	7.88	Run	7.69	23	-	-	-	Run	7.55	-	-	-	-	-	-	-	-	-	20		
10 A.M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20		
11 A.M	5.0	22	-	-	-	-	Nil	Run	7.88	Run	7.20	23	-	-	-	Run	7.58	-	-	-	-	-	-	-	-	-	20		
12 Noon	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20		
1 P.M	5.0	22	67	-	90	-	Nil	Run	7.84	Run	7.60	24	24	357	-	Run	7.64	12.94	110.11	-	-	-	-	-	-	-	20		
2 P.M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Operator																													
3 P.M	5.0	22	-	-	-	-	Nil	Run	7.80	Run	7.65	24	-	-	-	Run	7.62	-	-	-	-	-	-	-	-	-	-	20	
4 P.M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
5 P.M	5.0	23	-	-	-	-	Nil	Run	7.79	Run	7.64	23	-	-	-	Run	7.65	-	-	-	-	-	-	-	-	-	-	20	
6 P.M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
7 P.M	5.5	21	-	-	-	-	Nil	Run	7.79	Run	7.64	23	-	-	-	Run	7.65	-	-	-	-	-	-	-	-	-	-	20	
8 P.M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
9 P.M	5.5	21	-	-	-	-	Nil	Run	7.68	Run	7.61	22	-	-	-	Run	7.64	-	-	-	-	-	-	-	-	-	-	10	
10 P.M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Operator																													
11 P.M	5.5	21	-	-	-	-	Nil	Run	7.80	Run	7.61	22	-	-	-	Run	7.54	-	-	-	-	-	-	-	-	-	-	20	
12 Night	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1 A.M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
2 A.M	5.5	22	-	-	-	-	Nil	Run	7.74	Run	7.7	23	2.4	362	-	Run	7.70	-	-	-	-	-	-	-	-	-	-	20	
3 A.M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
4 A.M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20	
5 A.M	5.5	23	-	-	-	-	Nil	Run	7.70	Run	7.60	24	-	-	-	Run	7.74	-	-	-	-	-	-	-	-	-	-	-	
6 A.M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20	
Operator																													

Electrical Consumption	Initial Reading	Final Reading	Total Consumption (KW)
	760293	76031	738

P. Smith
Operator Shift A

Manish
Operator Shift B

Neel
Operator Shift C

[Signature]
SIS in charge

bajaj hindusthan sugar Ltd. Utrala (Balrampur)
E.T.P. LOG BOOK

Time	Inlet					O/E & Grease Tank			Equalization Tank		Primary Clarifier		Aeration Tank					Secondary Clarifier / Outlet				Chemical/Nutrients Consumption			Remarks	
	Flow (m ³ /hr)	pH	Temp	COO	BOD	TSS	Trick Super	Mechanical Oil Drummer	O & G Collected (Kg)	pH	Mechanical Scraper	pH	Temp	DO	MLSS	Sudge Volume Index	Air Compressor	pH	TSS	COO	BOD	Total flow in per flow meter installed	Mechanical Scraper	Urea (Kg)		DAP (Kg)
7 AM	60	8.4	20	-	-	-	Nil	Run	7.87	Run	7.8	22	-	-	-	Run	7.57	-	-	-	15663	Run	-	-	20	
8 AM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
9 AM	60	8.0	-	-	-	-	Nil	Run	7.88	Run	7.67	22	-	-	-	Run	7.50	-	-	-	-	-	Run	-	-	20
10 AM	60	8.1	-	-	-	-	Nil	Run	7.76	Run	7.6	22	-	957	-	Run	7.57	-	-	-	-	-	Run	-	-	20
11 AM	60	8.3	12.5	-	945	-	Nil	Run	7.76	Run	7.66	22	25	-	-	Run	7.57	12.5	194	-	-	-	Run	-	-	20
12 PM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1 PM	60	8.2	-	-	-	-	Nil	Run	7.79	Run	7.67	21	-	-	-	Run	7.64	-	-	-	-	-	Run	-	-	20
2 PM	60	8.1	-	-	-	-	Nil	Run	7.78	Run	7.67	21	-	-	-	Run	7.65	-	-	-	-	-	Run	-	-	20
3 PM	60	8.2	-	-	-	-	Nil	Run	7.79	Run	7.65	20	-	-	-	Run	7.67	-	-	-	-	-	Run	-	-	20
4 PM	60	8.2	-	-	-	-	Nil	Run	7.79	Run	7.65	20	-	-	-	Run	7.67	-	-	-	-	-	Run	-	-	20
5 PM	60	8.2	-	-	-	-	Nil	Run	7.79	Run	7.65	20	-	-	-	Run	7.67	-	-	-	-	-	Run	-	-	20
6 PM	60	8.1	-	-	-	-	Nil	Run	7.80	Run	7.64	21	350	-	-	Run	7.61	-	-	-	-	-	Run	-	-	20
7 PM	60	8.2	-	-	-	-	Nil	Run	7.74	Run	7.64	22	350	-	-	Run	7.71	-	-	-	-	-	Run	-	-	20
8 PM	60	8.2	-	-	-	-	Nil	Run	7.80	Run	7.64	23	-	-	-	Run	7.80	-	-	-	-	-	Run	-	-	20
9 PM	60	8.2	-	-	-	-	Nil	Run	7.80	Run	7.64	23	-	-	-	Run	7.80	-	-	-	-	-	Run	-	-	20
Operator																										

Electrical Consumption	Initial Reading	Final Reading	Total Consumption (KW)
	761031	761707	756

Srinath
Operator Shift A

Manish
Operator Shift B

Manish
Operator Shift C

Manish
Site Incharge

bajaj hindusthan sugar ltd. Utrala (Balrampur)

E.T.P. LOG BOOK

Date	Inlet					Oil & Grease Tank		Equalization Tank		Aeration Tank					Secondary Clarifier / Outlet				Chemicals/Sludge Consumption			Remarks			
	Flow to Pre-Filter (M ³ /hr)	pH	Temp	DO	BOD	TSS	Alum/Flux/Coagulant (Kg)	O&G Collector (Kg)	pH	Mechanical Scraper	pH	Temp	DO	M.S.S	Sludge Volume Index	Air Consumption	SP	TSS	DO	BOD	Flow to Effluent (M ³ /hr)		Mechanical Scraper	Line (Kg)	Cap (Kg)
1 AM	6.0	21	-	-	-	-	Nil	Run	7.60	Run	7.60	21	-	-	-	Run	7.50	-	-	-	15.69	Run	-	-	20
2 AM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3 AM	6.0	21	-	-	-	-	Nil	Run	7.60	Run	7.60	21	-	-	-	Run	7.52	-	-	-	-	-	-	-	40
4 AM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5 AM	6.0	21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6 AM	6.0	21	8.5	4.5	95	-	Nil	Run	7.65	Run	7.6	21	3.5	35	-	Run	7.52	11.5	12.5	13.5	-	Run	-	-	10
7 AM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8 AM	6.0	22	-	-	-	-	Nil	Run	6.0	Run	7.65	23	-	-	-	Run	7.60	-	-	-	-	Run	-	-	20
9 AM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10 AM	6.0	22	-	-	-	-	Nil	Run	6.0	Run	7.65	22	-	-	-	Run	7.65	-	-	-	-	-	-	-	40
11 AM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Run	-	-	-	-
12 PM	5.5	21	-	-	-	-	Nil	Run	6.0	Run	7.64	22	-	-	-	Run	7.65	-	-	-	-	-	-	-	20
1 PM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2 PM	5.5	21	-	-	-	-	Nil	Run	7.84	Run	7.64	21	-	-	-	Run	7.64	-	-	-	-	Run	-	-	20
3 PM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4 PM	5.5	23	-	-	-	-	Nil	Run	7.80	Run	7.63	21	-	35	-	Run	7.65	-	-	-	-	Run	-	-	10
5 PM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6 PM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7 PM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8 PM	5.5	21	-	-	-	-	Nil	Run	7.82	Run	7.67	22	-	-	-	Run	7.70	-	-	-	-	Run	-	-	20
9 PM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10 PM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11 PM	5.0	23	-	-	-	-	Nil	Run	7.80	Run	7.81	21	2.5	35	-	Run	7.81	-	-	-	-	Run	-	-	20
12 AM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1 AM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2 AM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3 AM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4 AM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5 AM	6.0	23	-	-	-	-	Nil	Run	7.91	Run	7.91	23	-	-	-	Run	7.91	-	-	-	-	Run	-	-	20
6 AM	6.25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15.735	-	-	-	-

Electrical Consumption	Initial Reading	Final Reading	Total Consumption (KW)
	763707	762507	8000

Srinivath
Operator Shift A

Mamish
Operator Shift B

Reddy
Operator Shift C

S. Chandrasekhar
Site Charge

ANNEXURE-R-4/8

Bajaj Hindusthan Sugar Ltd.

Unit- Itai Maida, Utraula, Balrampur

Current Photograph of ETP

ANNEXURE-R-4/9**Uttar Pradesh Pollution Control Board**

Building. No TC-12V Vibhuti Khand, Gomti Nagar, Lucknow-226010

Phone:0522-2720828,2720831, Fax:0522-2720764, Email: info@uppcb.in, Website: www.uppcb.com

196544/UPPCB/Basti(UPPCBRO)/CTO/both/BALRAMPUR/2023**Date: 28/12/2023****To,****M/s****BAJAJ HINDUSTHAN SUGAR LIMITED UTRAULA****Village itaimaida, post shriduttganj, tehsil ntraula, distt.-
Balrampur,BALRAMPUR,271607****Application Id-
23514745**

Consolidated Consent to Operate and Authorisation hereinafter referred to as the CCA (Consolidated Consent & authorization) (Fresh) under Section-25 of the Water (Prevention & Control of Pollution) Act, 1974 and under Section-21 of the Air (Prevention & Control of Pollution) Act, 1981

CCA is hereby granted to **BAJAJ HINDUSTHAN SUGAR LIMITED UTRAULA** located at **Village itaimaida, post shriduttganj, tehsil utraula, distt.- Balrampur,BALRAMPUR,271607**. subject to the provisions of the **Water Act, Air Act** and the orders that may be made further and subject to following terms and conditions :-

1. This CCA **BAJAJ HINDUSTHAN SUGAR LIMITED UTRAULA** granted for the period from **01/01/2024 to 31/12/2025** and valid for manufacturing of following products.

S No	Product	Quantity	Unit
1	Sugar Cane Crushing	12000	Metric Tonnes/Day
2	Power Co-generation	33	Megawatt

2. **Conditions under Water(Prevention and Control of Pollution) Act -1974 as amended :-**

(i) The daily quantity of effluent discharge (KLD) :-

Kind of Effluent	Quantity(KLD)	Treatment facility	Discharge point
Domestic	50 KLD	STP	
Industrial	2400 KLD	ETP	

(ii) **Trade Effluent Treatment and Disposal :-**The applicant shall operate Effluent Treatment Plant consisting of primary/secondary and tertiary treatment as is required with reference to influent quantity and quality.

In case of stoppage of functioning of ETP, production has to be stopped immediately and this Board has to be intimated by fax/phone/email with a report in this regard to be dispatched immediately.

(iii) The treated effluent shall be recycled to the maximum extent and should be reused within the premises for gardening etc. Quality of the treated effluent shall meet to the following general and specific standards as prescribed under Environment (Protection) Rules, 1986 and applicable to the unit from time-to-time :-

Industrial Effluent Quality Standard

S.No.	Parameter	Standard
1	pH	As per E(P)A Rules, 1986

2	BOD (mg/L)	As per E(P)A Rules, 1986
3	COD (mg/L)	As per E(P)A Rules, 1986
4	TSS (mg/L)	As per E(P)A Rules, 1986
5	Oil & Grease (mg/L)	As per E(P)A Rules, 1986

(iv) Sewage Treatment and Disposal :- The applicant shall provide comprehensive STP as is required with reference to influent quantity and quality. In case of stoppage of functioning of STP, production has to be stopped immediately and this Board has to be intimated by fax/phone/email with a report in this regard to be dispatched immediately.

(v) The treated sewage shall be reused in gardening as far as possible. The STP shall be maintained continuously so as to achieve the quality of the treated sewage to the following standards.

S No.	Parameters	Standards
1	pH	As per E(P)A Rules, 1986
2	BOD (mg/L)	As per E(P)A Rules, 1986
3	TSS (mg/L)	As per E(P)A Rules, 1986
4	Fecal Coliform (MPN/100ml)	As per E(P)A Rules, 1986

3. Conditions under Air (Prevention and Control of Pollution) Act -1981 as amended :-

i) The applicant shall use following fuel and install a comprehensive control system consisting of control equipment as required with reference to generation of emissions and operate and maintain the same continuously so as to achieve the level of pollutants to the following standards.

Air Pollution Source Details

S No.	Air Pollution Source	Type of fuel	Stack no	Control Device	Height of Stack
1	03 Boilers having Capacity 90 TPH each	Baggasse (40 TPH each)	1	Particulate Matter	As per E(P)A Rules, 1986
2	1500 KVA DG Set	Diesel Oil	2	Sulphur Dioxide	As per E(P)A Rules, 1986
3	1500 KVA DG Set	Diesel Oil	3	Sulphur Dioxide	As per E(P)A Rules, 1986
4	500 KVA DG Set	Diesel Oil	4	Sulphur Dioxide	As per E(P)A Rules, 1986

Emission Quality Standards

S No.	Stack no	Parameters	Standards
1	1	Particulate Matter	As per E(P)A Rules, 1986
2	3	Sulphur Dioxide	As per E(P)A Rules, 1986
3	2	Sulphur Dioxide	As per E(P)A Rules, 1986

4	4	Sulphur Dioxide	As per E(P)A Rules, 1986
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In case of stoppage of functioning of air pollution control equipment, production has to be stopped immediately and this Board has to be intimated by fax/phone/email with a report in this regard to be dispatched immediately

(ii) The unit will not use any type of restricted fuel.

iii) Noise from the D.G. Set and other source(s) should be controlled by providing an acoustic enclosure as is required for meeting the ambient noise standards for night and day time as prescribed for respective areas/zones (Industrial, Commercial, Residential, Silence) which are as follows :-

Day time : from 6.00 a.m. to 10.00 p.m., Night time: from 10.00 p.m. to 6.00 a.m.

Standards for Noise level in db(A) Leq	Industrial Area		Commercial Area		Residential Area		Silence Zone	
	Day Time	Night Time	Day Time	Night Time	Day Time	Night Time	Day Time	Night Time
	75	70	65	55	55	45	50	40

4. Essential documents to be submitted by the Industry/Unit as Applicable :-

(i) Environment Statement in Form-V of Environment (Protection) Rules, 1986.

(ii) Quarterly compliance report of the CCA, photograph of ETP/APCs/Waste Storage Area.

5. Competent Authority reserves the right to change/modify/add any time any condition of this CCA.

6. Unit has to comply with the following specific & general conditions. Non compliance of any provision of this CCA and provisions of the Water Act, Air Act and Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 will result in legal action under the aforesaid Acts and Rules.

7. In compliance to the G.O 1011/81-7-2021-09 (Writ)/2016 dated.13.10.2021 issued by Department of Environment, Forest and Climate Change, Uttar Pradesh. You are directed to develop Miyawaki Forest as per the SOP available at URL:-<http://www.upecp.in/TrainingSession.aspx> for ensuring timely compliance of this direction, you are hereby directed to submit a bank guarantee with minimum validity of one year of the amount equivalent to the sum of initial consent fees (Air and Water) or Rs. 50,000/- (Rs. Fifty Thousand Only) whichever is more, within 30 days from the date of issuance of this certificate. In case of non-compliance of this direction, your consent will be revoked by the Board.

8. If the unit uses the ground water and requires the permission from SGWA/CGWA for water abstraction then the industry will have to obtain No objection certificate for abstraction of ground water. It will be the responsibility of the industry to comply with the various conditions of the NOC obtained from the competent authority and submit to the Board, within 3 months time failing which CTO will be revoked.

General Conditions:-

1. The applicant shall get analysed the samples of effluent/emission/hazardous wastes at least once in a three month from the laboratory recognized by the MoEF and shall report to the UPPCB.

2. The applicant shall however, not without the prior consent of the Board bring into use any new or altered outlet for the discharge of effluent or gases emission or sewage waste from the unit.

3. Treated Industrial waste water and domestic waste water shall be disposed jointly at one disposal point. The applicant shall provide discharge measurement equipment at final disposal point.

4. The applicant shall strictly comply with conditions of this CCA and submit compliance report of stipulated conditions within 30 days of receipt of this CCA. If at any point of time, it is found that the industry is not complying with stipulated conditions or any further direction/instruction issued by the Board, legal action shall be initiated against the applicant.

5. The applicant shall maintain good house keeping. All valves/pipes/sewer/drains etc. must be leak-proof
6. The industry shall provide uninterrupted entry to the STP/ETP inlet and outlet points, Air Pollution Control equipment and stack for smooth sampling/monitoring of efficiency of pollution control systems.
7. The industry shall provide Inspection Book at the time of inspection to the Board's officials.
8. Whenever due to any accident or other unforeseen act or event, such emission occurs or is apprehended to occur in excess of standards laid down, such information shall be reported to the Board's offices and all other concerned offices. In case of failure of pollution control equipment, the production process connected to it shall be stopped with immediate effect.
9. The industry shall operate in a manner so that all emissions be emitted through designated chimney/stack only.
10. In case of any damage to the agriculture productivity, human habitation etc. by the operation of industry, it shall be imperative to stop production in the industry with immediate effect and such information shall be reported to Board's offices. The industry shall be liable to pay compensation also in such cases as decided by the Competent Authority.
11. The applicant shall apply before the 60 days of expiry of CCA or any change in production types/ production capacity/manufacturing process/capacity enhancement etc. or any change in effluent discharge point or emission point
12. The Board reserves the right to revoke/add/modify any stipulated condition issued along with CCA, as may be necessary.

Specific Conditions:-

1. This consent is valid for the production of Sugar cane crushing (12000 TCD) using raw material as sugar cane & sulfur etc. and Power Cogeneration of 33 MW only.
2. The industry shall maintain strict supervision upon fluctuations in operating parameters with respect to each treatment unit of the Effluent treatment plant.
3. The E.T.P. unit operation line up Strengthening is to be maintained.
4. The industry shall ensure deployment of qualified to step up self monitoring mechanism on 24 ×7 Hours basis.
5. The industry should follow the directions issued by the Ministry of Environment Forest and Climate Change, Delhi vide Notification no. GSR 35(E) dated 14/01/2016.
6. The E.I.A. studies shall include comprehensive study of water & waste water balance in Addition to the adequacy studies of E.T.P. relating to pollution load reduction impacts after implementation of treatment technology & discharge of treated effluent completely for irrigation purposes in place of discharge on surface water body.
7. The industry shall deploy self monitoring task force to strictly observe & monitor treated effluent discharge restriction on surface water body located in its proximity.
8. The industry shall also explore treated effluent re-cycle mechanism in furtherance to the application of treated effluent on land as a significant alternative mode of re-cycle. This step shall in turn reduce hydraulic loading of effluent discharge as well as shall eliminate extraneous treated effluent discharge possibility elsewhere.

9. The Unit shall submit the point wise compliance report of the conditions imposed in the CTO issued by the Board for year 2022 and the audited balance sheet for the current year and the details of fees deposited within a month failing which consent would be deemed void.

10. This consent is valid only for products and quantity mentioned above. Industry shall obtain prior approval before making any modification in product/process/fuel/ plant machinery failing which consent would be deemed void.

11. In compliance of the provisions of the Plastic Waste Management Rules 2016 as amended, the industry shall submit the Extended Producer Responsibility (EPR) for the disposal of Plastic waste generated within a month failing which consent would be deemed void.

12. The overall noise levels in and around area shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures etc, on all sources of noise generation. The ambient noise level shall conform to the standards under the Environment (Protection) Act 1986.

13. The Industry shall dispose the hazardous waste through authorized recyclers/TSDf and comply with the provisions of Hazardous and Other Wastes (Management and Trans-boundary Movement) Amendment Rules, 2016 and The Plastic Waste Management Rules, 2016 as amended.

14. If closure order is issued by CPCB or UPPCB against any defaulting unit, then CTO issued earlier will be suspended during the pendency of the closure period and after ensuring the compliance and after revocation of closure order, the CTO will be deemed to be restored subject to the effective date of revocation of the closure order, with imposed conditions thereof.

15. The order passed by Hon'ble National Green Tribunal, New Delhi in OA No 912 and 913 of 2022 in the matter of Manav Sewa Sansthan and Ors versus UoI shall prevail on this CTO.

16. Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this CTO and attract action under the provisions of Law.

**RAM
KARAN** Digitally signed
by RAM KARAN
Date: 2024.01.17
12:20:42 +05'30'
Chief Environmental Officer, Circle-6

Copy to:

Regional Officer, U.P. Pollution Control Board, Basti for information and necessary action.

Chief Environmental Officer, Circle-6
**RAM
KARAN** Digitally signed by
RAM KARAN
Date: 2024.01.17
12:20:57 +05'30'



मिशन LIFE - पर्यावरण के लिए जीवन शैली

(Lifestyle For Environment)

जनसहभागिता का सन्देश



- स्वच्छता – देशसेवा में अपने परिवेश की स्वच्छता हेतु अपना सक्रिय योगदान सुनिश्चित करें
- संकल्प लें -एकल उपयोग प्लास्टिक उत्पाद जैसे कप, तश्तरी, चम्मच, स्ट्रॉ, ईयरबड्स आदि का उपयोग न हो एवं पर्यावरण अनुकूल विकल्पों जैसे कागज/पत्तों से बने दोने या कटलरी को प्राथमिकता दी जाय |
- एकल उपयोग प्लास्टिक उत्पाद के प्रयोग को रोकने एवं प्लास्टिक बैग के बजाय कपड़े के थैले का उपयोग करने मात्र से 375 मिलियन टन ठोस (प्लास्टिक) कचरे का उत्सर्जन बचाया जा सकता है
- चक्रीय अर्थव्यवस्था (सर्कुलर इकोनॉमी) का समुचित कार्यान्वयन वर्ष 2030 तक लगभग 14 लाख करोड़ रुपये की अतिरिक्त बचत उत्पन्न कर सकता है | वेस्ट /अपशिष्ट फेकने के पूर्व सोचें, ये किसी का संसाधन तो नहीं ...?
- अनुपयोगी इलेक्ट्रिक / इलेक्ट्रॉनिक उत्पाद को कचरे में फेकने से रुकें | इसके उपयुक्त निस्तारण हेतु इसे प्राधिकृत ई – वेस्ट रीसाइकलर को दें | प्राधिकृत ई-रीसाइकिलिंग इकाई में अनुपयोगी इलेक्ट्रिक / इलेक्ट्रॉनिक उत्पाद को देने मात्र से 0.75 मिलियन टन तक ई-कचरे का पुनर्चक्रण किया जा सकता है एवं ई-कचरे के विषम पर्यावरणीय दुष्प्रभाव से बचा जा सकता है
- बाहर जाते समय - सोचें कि क्या आपको वास्तव में परिवहन की आवश्यकता है - वह भी क्या व्यक्तिगत रूप से ? छोटी दूरी के लिए पैदल चलना पसंद करें, अथवा सम्भव हो तो कार पूल के रूप में संसाधन को साझा करें अथवा सार्वजनिक परिवहन पर विचार करें
- घरेलू स्तर पर कम से कम ठोस अपशिष्ट का उत्सर्जन करें और इनका प्थाक्रीकरण करें
- उपयोगी शेष खाद्य सामग्री आपके स्वयं प्रयास अथवा निकटस्थ सक्रिय स्वयं सेवी संस्थाओं की सहायता से समाज के वंचित वर्ग तक पहुंचाई जा सकती है | वहीं अनुपयोगी भोजन /खाद्य सामग्री को कंपोस्ट (वर्मी कम्पोस्ट) करने से 15 अरब टन भोजन को नष्ट होने से बचाया जा सकता है
- ध्यान रखें - उपयुक्त नल और शावर के उपयोग से पानी की खपत को 30 - 40% तक कम किया जा सकता है। एवं उपयोग में न होने पर नलों को बंद रखने मात्र से 9 ट्रिलियन लीटर पानी बचाया जा सकता है
- ट्रैफिक लाइट/रेलवे क्रॉसिंग पर कार/स्कूटर के इंजन बंद करने मात्र से 22.5 बिलियन kWh तक ऊर्जा की बचत हो सकती है
- परम्परागत बल्ब के स्थान पर CFL का उपयोग बिजली की खपत में प्रभावी कमी लाते हैं | उपयोग में न होने पर बिजली उपकरणों को बंद करें | स्टार रेटेड विद्युत उपकरणों के उपयोग को प्राथमिकता दें

हमारे द्वारा अपनी जीवन शैली की प्राथमिकताओं का उचित और पर्यावरण अनुकूल पुनर्निर्धारण समाज और पर्यावरण के प्रति हमारा दायित्व है |

(Lifestyle For Environment)

Message for public participation.

- Cleanliness - Make sure to contribute actively to the cleanliness of your environment in the service of the country.
- Pledge that we should not use single-use plastic products like cups, saucers, spoons, straws, earbuds etc. and should give preference to eco-friendly options like cutlery made from paper/leaves.
- 375 million tonnes of solid (plastic) waste emissions can be saved simply by stopping the use of single-use plastic products and using cloth bags instead of plastic bags.
- Proper implementation of circular economy can generate additional savings of about Rs 14 lakh crore by the year 2030. Before throwing away waste, think, isn't it someone's resource?
- Stop throwing unused electric/electronic products in the garbage. Give it to an authorized e-waste recycler for proper disposal. By simply handing over unused electrical/electronic products to an authorized e-recycling unit, up to 0.75 million tonnes of e-waste can be recycled and adverse environmental effects of e-waste can be avoided.
- When going out, think about whether you really need transportation, that too in person? Choose to walk short distances or consider sharing resources such as carpooling or public transportation if possible.
- Minimize solid waste generation at household level and compost it.
- The remaining useful food items can be delivered to the deprived sections of the society with your own efforts or with the help of nearby active voluntary organizations. By composting unused food/food items (vermicompost), 15 billion tonnes of food can be saved from destruction.

- Keep in mind – water consumption can be reduced by 30-40% by using suitable taps and showers and 9 trillion litres of water can be saved just by keeping taps closed when not in use.
- Energy savings can be up to 22.5 billion kWh simply by switching off car/scooter engines at traffic lights/railway crossings.
- Use of CFL in place of traditional bulbs brings about effective reduction in electricity consumption. Turn off electrical appliances when not in use. Give preference to the use of star rated electrical appliances.

Appropriate and eco-friendly redefinition of our lifestyle priorities is our responsibility towards society and environment.



//TRUE TRANSLATED COPY//



Legal Vibes <legalvibes.lawfirm@gmail.com>

**O.A. No.913/2022 Titled as Manav Sewa Sansthan & Anr. Vs. Union of India & Ors.
(Reply)**

1 message

Legal Vibes <legalvibes.lawfirm@gmail.com>

Tue, Jan 30, 2024 at 7:29 PM

To: "litigation.life@gmail.com" <litigation.life@gmail.com>, secy-moef@nic.in, mscb.cpcb@nic.in, ms@uppcb.com

Dear all,

Please find the attached scanned copy of the reply filed on behalf of the Respondent No.4 (M/s. Bajaj Hindusthan Sugar Ltd.) Before the Hon'ble NGT in O.A No.913/2022.

Kindly accept the advance service in the above captioned matter.

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*Thanks & Regards,****Legal Vibes Law Firm****G-27, First Floor,**Jangpura Extension**New Delhi-110014**Ph: 011-43580335***Final Reply.pdf**

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