

**Energy (Barmer) Limited**

(Formerly: Raj WestPower Limited)

Vill. & Post : Bhadresh, Post Box No.30,

Distt : Barmer – 344001 (Rajasthan)

CIN : U31102MH1996PLC185098

Phone : +91 2982 229100

Fax : +91 2982 229222

Website : www.jsw.in

Ref: JSWE(B)L/ENV/2021-22/010

Date: 20.05.2021

To,

Member Secretary

Rajasthan State Pollution Control Board

4-Institutional Area, Jhalana Doongari,

Jaipur – 302004

Sub: Environmental Statement of JSWE(B)L (RWPL) – Residential Colony for the Year 2020-2021
UNIT ID – 5276

Dear Sir,

We herewith enclose duly filled form – V of Environmental statement of JSWE(B)L Residential Colony for the financial year 2020 – 2021.

Please acknowledge the same.

Thanking you,

Yours faithfully

For JSW Energy (BARMER) Ltd

Vinod Kumar Jindal

Asst. General Manager –LHS, Environment & Chemistry

Enclosure

1. Form – V
2. Annexure _ I Water Consumption Data
3. Annexure _ II Treated Water Quality Reports

CC. Regional Officer, RSPCB - Balotara



Part of O.P.Jindal Group

Regd. Office : JSW Energy (BARMER) Limited., JSW Center, BKC Complex, Bandra (E), Mumbai – 400051

Jaipur Office: Office No. 2 & 3, 7th Floor, Man Upasana Plaza, C-44, Sardar Patel Marg, C-Scheme, Jaipur – 302 001 Ph : 0141 2369772 Fax 0141 2369774

FORM - V
(See Rule 14)

From:

Vinod Kumar Jindal
Head -LHS, Environment & Chemistry
JSW Energy (Barmer) Limited
Tehsil- Barmer.
Dist. – Barmer-344 001

To:

Environment Engineer
Rajasthan State Pollution Control Board,
4, Institutional Area”,
Jhalan Dungari,
Jaipur, Rajasthan-302 004

Environmental Statement for the financial year 2020– 2021

PART – A

- (i) Name and address of the owner / occupier : ASHESH KUMAR PADHY
of the industry operation or process JSW Energy (Barmer) Limited
JSWE(B)L Residential Colony
Shivkar Marg, City & Dist - Barmer-
344001
- (ii) Industry category – : Residential Colony
Primary – (STC Code)
Secondary – (SIC Code)
- (iii) Production capacity Units : 300 Flats
- (iv) Year of establishment : August 2012
- (v) Date of the last Environmental Statement : 16.06.2020
submitted

PART – B

Water and Raw Material Consumption

Water consumption m ³ /day	95.52
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• **Annexure-I**

Name of Product	Process Water Consumption per unit of Product Output
---NA---	---NA---

(ii) Raw material consumption- ---NA---

PART – C

Pollution discharged to environment / unit of output
(Parameter as specified in the consent issued)

Pollutants	Concentration of pollutants in discharged (mass / volume) mg/l	Percentage of variation from prescribed standards with reasons
Sewage Treatment Plant		
pH	7.69	Within Limit
TSS	18.56	Within Limit
Oil & Grease	<2.0	Within Limit
BOD@ 25° C-3 days	15.28	Within Limit
COD	83.55	Within Limit

- Annexure-II

PART – D

[As specified under Hazardous Wastes (Management and Handling) Rules, 1989]

Hazardous Waste	Total Quantity (Kg.)
From pollution control facilities	---N.A---

PART – E Solid Waste

	Total Quantity (MT.)	
	During the Previous financial year (2019-20)	During the current financial year (2020-21)
From process	1890 kg	1905 kg

PART – F

Please specify the characterizations (in terms of composition and quantity) of hazardous as well as solid and indicate disposal practice adopted for both these categories of wastes.

1. Characterizations of Hazardous waste: - ---N. A---

Disposal Method: - ---N. A---

2. Characterizations of solid waste: -

Disposal Method: - Utilized as manure for plantation within Township premises.

PART – G

Impact of the pollution abatement measures taken on conservation of natural resources and on the cost of production.

WATER CONSERVATION MEASURES

- Metered water usage.
- Drip irrigation system is used for the lawns and other green areas. Drip irrigation can save between 15-40% of the water use, compared with other watering techniques.
- Well design storm water network to collect rainwater - Rainwater harvesting for optimum utilization of rainwater to recharge ground water level to be adopted.

GREEN-BELT DEVELOPMENT

- Horticulture development work is under progress, plants namely **Neem, Siris, Gulmohar, Tecoma, Inermi, Rahlia, Bottle palm, Date palm, Foxtail palm etc.** are planted as per green belt development plan.
- Treated Sewage Effluent is being utilized in Green Belt Development

PART – H

Additional measure / investment proposal for environmental protection including abatement of pollution prevention of pollution.

- Awareness campaign to disseminate knowledge on strategies and technologies that can be used for water conservation.
- Selecting drought resistant grass, and using lawn chemicals and fertilizer sparingly to reduces watering needs

For JSW Energy (Barmer) Limited.



(VINOD KUMAR JINDAL)
AGM- LHS, ENV. & CHEM.

**JSW Energy (Barmer) Limited
Residential Colony – Barmer**

JSWE(B)L has completed construction of Residential Colony for Employee (JSW(B)L Township) in Town Planning area of Nagar Parishad Barmer, City & District Barmer in August – 2012 and Consent to Operate received on 17.08.12.

Houses been allotted to employees in Month of December – 12 with reference to availability of Water supply from PHED, Barmer.

A detail of Water Consumed is as under.

Month	Portable water Quantity consumed in KL	Portable water Quantity consumed in KLD
Apr-20	12000	2955
May-20		3136
Jun-20		2955
Jul-20		2954
Aug-20	3126	3126
Sep-20	3126	3126
Oct-20	1671	1671
Nov-20	1671	1671
Dec-20	6636	3318
Jan-21		3318
Feb-21	6636	3318
Mar-21		3318
Total	34866	34866

*PHED Bill Enclosed

Annexure _ I

जन स्वास्थ्य अभियान्त्रिकी विभाग राजस्थान
प्रति-पार्श्व (उपभोक्ता)

पानी बचाओ, बिजली बचाओ, सबको पढ़ाओ

उपभोक्ता का नाम व पता	बिल नं.	बिल का माह	उपभोक्ता कोड	उपभोक्ता का पता	उपभोक्ता का पता	उपभोक्ता का पता	उपभोक्ता का पता	उपभोक्ता का पता	उपभोक्ता का पता
राजवेस्ट प्रा. लि. RAJWEST LTD राजवेस्ट लिमिटेड स्कूल के पास डि. नं. 1000000 बाजमेर E-Mitra Code 04011-01-00253	9/19840	00253	003001053	5.00	ND	APR&JUL20			
मीटर नं.	पानी का पठन	उपभोक्ता का पता	उपभोक्ता का पता	उपभोक्ता का पता	उपभोक्ता का पता	उपभोक्ता का पता	उपभोक्ता का पता	उपभोक्ता का पता	उपभोक्ता का पता
14350				24/08/20	14/09/2020	16/09/2020			
मूल उपभोक्ता (लीटर में)	पानी का पठन	उपभोक्ता का पता	उपभोक्ता का पता	उपभोक्ता का पता	उपभोक्ता का पता	उपभोक्ता का पता	उपभोक्ता का पता	उपभोक्ता का पता	उपभोक्ता का पता
1000000				290400					
उपभोक्ता का पता	उपभोक्ता का पता	उपभोक्ता का पता	उपभोक्ता का पता	उपभोक्ता का पता	उपभोक्ता का पता	उपभोक्ता का पता	उपभोक्ता का पता	उपभोक्ता का पता	उपभोक्ता का पता
290400		154	01640.00	880 CH	277.20	130680	39474	170154	

उपभोक्ता बिना पानी का पठन है, बिजली का पठन है।

जन स्वास्थ्य अभियान्त्रिकी विभाग राजस्थान
प्रति-पार्श्व (उपभोक्ता)

उपभोक्ता का नाम व पता

सीमा क्रमांक	उपभोक्ता संख्या	कोड नं.	बिल का माह	वितरण तिथि	भुगतान तिथि (चैक)	भुगतान तिथि (नक)
119840	00253		APR 2020	24/10/20	27/10/20	25/11/20

उपभोक्ता का नाम व पता

मीटर नं.	गत पठन	वर्तमान पठन	उपभोग (लीटर में)	उपभोग का पुराना समावेष
	3795900	38765100	746600	

उपभोग का नाम व पता

कुल उपभोग	नियत तिथि तक जल राशि	नियत तिथि के बाद जल राशि	नियत तिथि तक सीवरज राशि	नियत तिथि के बाद सीवरज राशि
746600	759800			

सीवरज किराया	IDC/LT	मीटर साईज	जल संबंध प्रकार	स्थाई सेवा शुल्क	मीटर मासिक	मीटर किराया	बकाया	ब्याज व अन्य
		6 IN	110	1000	100	1540	0	26042

समावोजित राशि	नियत तिथि के बाद भुगतान राशि	कुल छुट	नियत तिथि तक भुगतान राशि
	115678.00	10516	105162.00

सहायक अभियन्ता

जन स्वास्थ्य अभियान्त्रिकी विभाग राजस्थान
प्राप्ति-पार्व (उपभोक्ता)

पानी बचाओ, बेजली बचाओ, सबको पढ़ाओ

उपभोक्ता का नाम व पता	क्रमा सं.	सेवा क्रमांक	खारा संख्या	मुद्रा संख्या संख्या	उपभोक्ता संख्या	मीटर पढ़ाव	उपभोक्ता श्रेणी	वर्ग
राजवेस्ट प्रा. लि. RAJWEST P LTD. टाकमसिंग रोडपील स्कूल के पास विष्णु कोलोनी बाड़मेर 0 E-Mitra Code 04011-01- 00253		B/19840	00253	003001053		6.00	ND	OCT-NOV 20
मीटर क्रमांक	पठन तिथि	वर्तमान पठन	गत पठन	वितरण तिथि	अंतिम मुद्रापान तिथि केक द्वारा	अंतिम मुद्रापान तिथि कमेट द्वारा		
14350		40376000	38705000	07/12/20	28/12/2020	30/12/2020		
कुल उपभोग (लीटर में)	पूर्य उपभोग का समावेशन	मुद्रा उपभोग (लीटर में)	मीटर का	कुल उपभोग राशि	समावेशन उपभोग राशि	समावेशन उपभोग राशि	समावेशन उपभोग राशि	समावेशन उपभोग राशि
1671000		1671000	2	75900				
कुल उपभोग राशि	अतिरिक्त उपभोग राशि	मीटर राशि	अपभोग राशि	समावेशन राशि	L/T	नियत तिथि तक कुल देय राशि	वितरण राशि	वितरण तिथि तक कुल देय राशि
75900		1540	26565.00	880.00	0	0.00	277.20	105162
								10516
								115678

उपभोक्ता किराई का मुद्रापान ई-मित्र पर कर सकते हैं।

(जयराम दास)
सहायक अभियन्ता
जन. स्वा. अभि. विभाग

जन स्वास्थ्य अभियान्त्रिकी विभाग राजस्थान
प्राप्ति-पार्व (उपभोक्ता)

सेवा क्रमांक	खारा संख्या	कोड नं.	बिल का महीना	वितरण तिथि	मुद्रापान तिथि (बैक)	मुद्रापान तिथि (नकद)
19840	00253		DEC 21	5/2/21	24/2/21	26/2/21
उपभोक्ता का नाम व पता		मीटर नं.	गत पठन	वर्तमान पठन	उपभोग (लीटर में)	उपभोग का मुद्रापान समावेशन
राजवेस्ट प्रा. लि. टाकमसिंग रोड पील स्कूल के पास विष्णु कोलोनी						
कुल उपभोग	नियत तिथि तक जल राशि	नियत तिथि के बाद जल राशि	नियत तिथि तक सीवरेज राशि	नियत तिथि के बाद सीवरेज राशि		
6635600	160567					
मीटर क्रमांक	IDC/LT	मीटर साईज	जल संबंध प्रकार	स्थाई सेवा शुल्क	मीटर मासिक	मीटर किराया
		6.00	ND	880	PM	1540
समावेशन राशि	नियत तिथि के बाद मुद्रापान राशि	कुल मुद्रा	नियत तिथि तक मुद्रापान राशि			
	241409	21946	219463			

मुख्य सूचनाएं नीचे देंगे।

(जयराम दास)
सहायक अभियन्ता
जन. स्वा. अभि. विभाग

जन स्वास्थ्य अभियान्त्रिकी विभाग राजस्थान
प्राप्ति-पार्व (उपभोक्ता)

सेवा क्रमांक	खारा संख्या	कोड नं.	बिल का महीना	वितरण तिथि	मुद्रापान तिथि (बैक)	मुद्रापान तिथि (नकद)
19840	00253		FEB MAR 21	16/03/21	24/03/21	26/3/21
उपभोक्ता का नाम व पता		मीटर नं.	गत पठन	वर्तमान पठन	उपभोग (लीटर में)	उपभोग का मुद्रापान समावेशन
राजवेस्ट प्रा. लि. टाकमसिंग रोड पील स्कूल के पास विष्णु कोलोनी						
कुल उपभोग	नियत तिथि तक जल राशि	नियत तिथि के बाद जल राशि	नियत तिथि तक सीवरेज राशि	नियत तिथि के बाद सीवरेज राशि		
6635600	160567					
मीटर क्रमांक	IDC/LT	मीटर साईज	जल संबंध प्रकार	स्थाई सेवा शुल्क	मीटर मासिक	मीटर किराया
		6.00	ND	880.00	PM	1540
समावेशन राशि	नियत तिथि के बाद मुद्रापान राशि	कुल मुद्रा	नियत तिथि तक मुद्रापान राशि			
	241409	21946	219463.00			

मुख्य सूचनाएं नीचे देंगे।

219463 जन स्वा. अभि. विभाग
नगर उपखण्ड (राजस्व/वितरण)
बाड़मेर

219463 427814 / 25/03/2021

(जयराम दास)
सहायक अभियन्ता
जन. स्वा. अभि. विभाग

ARIHANT ANALYTICAL LABORATORY PVT. LTD.
 AN ISO 9001:2015, ISO 14001:2004, OHSAS 18001:2007 CERTIFIED LABORATORY
 272, Phase-IV, Sec-57, HSIIDC, Kundli, Sonapat-131028 (Haryana)
 Ph. : 7082301442, 9250014551 Email : aalkundli@gmail.com
 Website : www.aalkundli.com

TEST CERTIFICATE

Page 1 of 1

Issued To:	M/s Environze Global Limited 110, Laxmi Deep Tower, District Centre Laxmi Nagar, Delhi - 110 092	Report No.	AAL WQT-20200515001
Sample Description:	One Sample described as STP Outlet Water, was received.	Date of Receiving:	15/05/2020
Sample ID:	JSW Township	Date of Starting:	15/05/2020
		Date of Completion:	20/05/2020
		Date of Reporting:	20/05/2020
		Sample Quantity:	1 Litre
		Sample Packing Condition:	Plastic Bottle
		Sample Submitted By:	Customer

TEST RESULT

S. No.	Test parameters	Unit	Results	Requirement as per CPCB Guideline		Testing Method
				Into Inland Surface Water	On land for Irrigation	
1	pH Value	-	7.42	5.5 - 9.0	5.5 - 9.0	IS 3025(P-11)-1983
2	Total Suspended Solids	mg/l	24.6	100 Max.	200 Max.	IS 3025(P-17)-1984
3	Oil & Grease	mg/l	<2.0	10 Max.	10 Max.	IS 3025(P-39)-1991
4	Biochemical Oxygen Demand (BOD - 3 days at 27°C)	mg/l	19.0	30 Max.	100 Max.	IS 3025(P-44)-1993
5	Chemical Oxygen Demand (COD)	mg/l	98.0	250 Max.	-	IS 3025(P-58)-2006
6	Total Nitrogen (as N)	mg/l	11.3	-	-	IS 3025(P-34)-1988
7	Ammonical Nitrogen (as N)	mg/l	2.6	50 Max.	-	IS 3025(P-34)-1988
8	Faecal Coliform	MPN/100ml	50	<100	-	IS 1622-1981

****End of Report****


Vinay Dixit
 (Microbiologist)


Ashutosh Srivastava
 (SR. ANALYST)
 Authorised Signatory

Note: 1. The Result Indicated above refer to the tested sample and listed test parameters only, endorsement of products is neither inferred nor implied.
 2. Total liability of our laboratory is limited to the invoice amount.
 3. This report shall not be reproduced wholly or in part without written consent of the laboratory.
 4. This report shall not be used in any advertising media or as evidence in the court of law without prior written consent of the laboratory.
 5. The non-perishable sample received shall be destroyed after one month and perishable sample shall be destroyed after one week from the date of issue of report unless specified.



ARIHANT ANALYTICAL LABORATORY PVT. LTD.

AN ISO 9001:2015, ISO 14001:2004, OHSAS 18001:2007 CERTIFIED LABORATORY

272, Phase-IV, Sec-57, HSIIDC, Kundli, Sonapat-131028 (Haryana)

Ph. : 7082301442, 9250014551 Email : aalkundli@gmail.com

Website : www.aalkundli.com

TEST CERTIFICATE

Page 1 of 1

Issued To: M/s Environze Global Limited
110, Laxmi Deep Tower,
District Centre Laxmi Nagar,
Delhi - 110 092

Sample Description: One Sample described as STP Outlet Water,
was received.

Sample ID: JSW Township

Report No. AAL WQT-20200612027

Date of Receiving: 12/06/2020

Date of Starting: 12/06/2020

Date of Completion: 17/06/2020

Date of Reporting: 17/06/2020

Sample Quantity: 1 Litre

Sample Packing Condition: Plastic Bottle

Sample Submitted By: Customer

TEST RESULT

S. No.	Test parameters	Unit	Results	Requirement as per CPCB Guideline		Testing Method
				Into Inland Surface Water	On land for Irrigation	
1	pH Value	-	7.38	5.5 - 9.0	5.5 - 9.0	IS 3025(P-11)-1983
2	Total Suspended Solids	mg/l	21.5	100 Max.	200 Max.	IS 3025(P-17)-1984
3	Oil & Grease	mg/l	<2.0	10 Max.	10 Max.	IS 3025(P-39)-1991
4	Biochemical Oxygen Demand (BOD - 3 days at 27°C)	mg/l	17.5	30 Max.	100 Max.	IS 3025(P-44)-1993
5	Chemical Oxygen Demand (COD)	mg/l	90.0	250 Max.	-	IS 3025(P-58)-2006
6	Total Nitrogen (as N)	mg/l	13.6	-	-	IS 3025(P-34)-1988
7	Ammonical Nitrogen (as N)	mg/l	3.3	50 Max.	-	IS 3025(P-34)-1988
8	Faecal Coliform	MPN/100ml	40	<100	-	IS 1622-1981

****End of Report****

Vinay Dixit
(Microbiologist)

Ashutosh Srivastava
(SR. ANALYST)
Authorised Signatory

Note: 1. The Result indicated above refer to the tested sample and listed test parameters only, endorsement of products is neither inferred nor implied.
2. Total liability of our laboratory is limited to the invoice amount.
3. This report shall not be reproduced wholly or in part without written consent of the laboratory.
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5. The non-perishable sample received shall be destroyed after one month and perishable sample shall be destroyed after one week from the date of issue of report unless specified.



ARIHANT ANALYTICAL LABORATORY PVT. LTD.

AN ISO 9001:2015, ISO 14001:2004, OHSAS 18001:2007 CERTIFIED LABORATORY

272, Phase-IV, Sec-57, HSIIDC, Kundli, Sonapat-131028 (Haryana)

Ph. : 7082301442, 9250014551 Email : aalkundli@gmail.com

Website : www.aalkundli.com

TEST CERTIFICATE

Page 1 of 1

Report No.	AAL WQT-20200713009
Issued To:	M/s Environze Global Limited 110, Laxmi Deep Tower, District Centre Laxmi Nagar, Delhi - 110 092
Date of Receiving:	13/07/2020
Date of Starting:	13/07/2020
Date of Completion:	18/07/2020
Date of Reporting:	18/07/2020
Sample Description:	One Sample described as STP Outlet Water, was received.
Sample Quantity:	1 Litre
Sample ID:	JSW Township
Sample Packing Condition:	Plastic Bottle
Sample Submitted By:	Customer

TEST RESULT

S. No.	Test parameters	Unit	Results	Requirement as per CPCB Guideline		Testing Method
				Into Inland Surface Water	On land for Irrigation	
1	pH Value		6.87	5.5 - 9.0	5.5 - 9.0	IS 3025(P-11)-1983
2	Total Suspended Solids	mg/l	17.4	100 Max.	200 Max.	IS 3025(P-17)-1984
3	Oil & Grease	mg/l	<2.0	10 Max.	10 Max.	IS 3025(P-39)-1991
4	Biochemical Oxygen Demand (BOD - 3 days at 27°C)	mg/l	15.0	30 Max.	100 Max.	IS 3025(P-44)-1993
5	Chemical Oxygen Demand (COD)	mg/l	74.0	250 Max.	-	IS 3025(P-58)-2006
6	Total Nitrogen (as N)	mg/l	10.2	-	-	IS 3025(P-34)-1988
7	Ammonical Nitrogen (as N)	mg/l	2.0	50 Max.	-	IS 3025(P-34)-1988
8	Faecal Coliform	MPN/100ml	34	<100	-	IS 1622-1981

****End of Report****

Vinay Dixit
(Microbiologist)

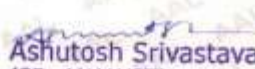
Ashutosh Shrivastava
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Authorised Signatory

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Website : www.aalkundli.com		TEST CERTIFICATE	
Page 1 of 1		Report No. AAL WQT-20200817004	
Issued To:	M/s Environze Global Limited 110, Laxmi Deep Tower, District Centre Laxmi Nagar, Delhi - 110 092	Date of Receiving:	17/08/2020
Sample Description:	One Sample described as STP Outlet Water, was received.	Date of Starting:	17/08/2020
Sample ID:	JSW Security Barak	Date of Completion:	22/08/2020
		Date of Reporting:	22/08/2020
		Sample Quantity:	1 Litre
		Sample Packing Condition:	Plastic Bottle
		Sample Submitted By:	Customer

TEST RESULT					
S. No.	Test parameters	Unit	Results	Requirement as per CPCB Guideline	Testing Method
				Into Inland Surface Water 5.5 - 9.0	On land for Irrigation 5.5 - 9.0
1	pH Value	-	7.47		IS 3025(P-11)-1983
2	Total Suspended Solids	mg/l	18.6	100 Max.	200 Max. IS 3025(P-17)-1984
3	Oil & Grease	mg/l	<2.0	10 Max.	10 Max. IS 3025(P-39)-1991
4	Biochemical Oxygen Demand (BOD - 3 days at 27°C)	mg/l	16.4	30 Max.	100 Max. IS 3025(P-44)-1993
5	Chemical Oxygen Demand (COD)	mg/l	76.0	250 Max.	- IS 3025(P-58)-2006
6	Total Nitrogen (as N)	mg/l	10.6	-	- IS 3025(P-34)-1988
7	Ammonical Nitrogen (as N)	mg/l	2.5	50 Max.	- IS 3025(P-34)-1988
8	Faecal Coliform	MPN/100ml	46	<100	IS 1622-1981

End of Report


Ashutosh Srivastava
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Issued To:	M/s Environze Global Limited 110, Laxmi Deep Tower, District Centre Laxmi Nagar, Delhi - 110 092	Report No.	AAL WQT-20200909022		
Sample Description:	One Sample described as STP Outlet Water, was received.	Date of Receiving:	09/09/2020		
Sample ID:	JSW Township	Date of Starting:	09/09/2020		
		Date of Completion:	14/09/2020		
		Date of Reporting:	14/09/2020		
		Sample Quantity:	1 Litre		
		Sample Packing Condition:	Plastic Bottle		
		Sample Submitted By:	Customer		
TEST RESULT					
S. No.	Test parameters	Unit	Results	Requirement as per CPCB Guideline	Testing Method
1	pH Value	-	7.62	Into Inland Surface Water 5.5 - 9.0	IS 3025(P-11)-1983
2	Total Suspended Solids	mg/l	16.5	On land for Irrigation 5.5 - 9.0	IS 3025(P-17)-1984
3	Oil & Grease	mg/l	<2.0	100 Max.	IS 3025(P-39)-1991
4	Biochemical Oxygen Demand (BOD - 3 days at 27°C)	mg/l	13.5	10 Max.	IS 3025(P-44)-1993
5	Chemical Oxygen Demand (COD)	mg/l	64.0	30 Max.	IS 3025(P-58)-2006
6	Total Nitrogen (as N)	mg/l	9.7	250 Max.	-
7	Ammonical Nitrogen (as N)	mg/l	1.5	-	IS 3025(P-34)-1988
8	Faecal Coliform	MPN/100ml	26	50 Max.	IS 3025(P-34)-1988
				<100	IS 1622-1981
End of Report					
Viney Dixit (Microbiologist)		Ashutosh Srivastava (SR. ANALYST) Authorised Signatory			
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Issued To:	M/s Environze Global Limited 110, Laxmi Deep Tower, District Centre Laxmi Nagar, Delhi - 110 092	Date of Receiving:	14/10/2020
Sample Description:	One Sample described as STP Outlet Water, was received.	Date of Starting:	14/10/2020
Sample ID:	JSW Township	Date of Completion:	19/10/2020
		Date of Reporting:	19/10/2020
		Sample Quantity:	1 Litre
		Sample Packing Condition:	Plastic Bottle
		Sample Submitted By:	Customer

TEST RESULT					
S. No.	Test parameters	Unit	Results	Requirement as per CPCB Guideline	Testing Method
				Into Inland Surface Water 5.5 - 9.0	On land for Irrigation 5.5 - 9.0
1	pH Value	-	7.43		IS 3025(P-11)-1983
2	Total Suspended Solids	mg/l	19.4	100 Max.	200 Max. IS 3025(P-17)-1984
3	Oil & Grease	mg/l	<2.0	10 Max.	10 Max. IS 3025(P-39)-1991
4	Biochemical Oxygen Demand (BOD - 3 days at 27°C)	mg/l	15.0	30 Max.	100 Max. IS 3025(P-44)-1993
5	Chemical Oxygen Demand (COD)	mg/l	77.0	250 Max.	- IS 3025(P-58)-2006
6	Total Nitrogen (as N)	mg/l	8.7	-	- IS 3025(P-34)-1988
7	Ammonical Nitrogen (as N)	mg/l	1.3	50 Max.	- IS 3025(P-34)-1988
8	Faecal Coliform	MPN/100ml	34	<100	IS 1622-1981

End of Report


Vinay Dixit
 (Microbiologist)


Ashutosh Srivastava
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Issued To:	M/s Environze Global Limited 110, Laxmi Deep Tower, District Centre Laxmi Nagar, Delhi - 110 092	Report No.	AAL WQT-20201117003
Sample Description:	One Sample described as STP Outlet Water, was received.	Date of Receiving:	17/11/2020
Sample ID:	JSW Township	Date of Starting:	17/11/2020
		Date of Completion:	23/11/2020
		Date of Reporting:	23/11/2020
		Sample Quantity:	1 Litre
		Sample Packing Condition:	Plastic Bottle
		Sample Submitted By:	Customer

TEST RESULT

S. No.	Test parameters	Unit	Results	Requirement as per CPCB Guideline		Testing Method
				Into Inland Surface Water 5.5 - 9.0	On land for Irrigation 5.5 - 9.0	
1	pH Value		7.64			IS 3025(P-11)-1983
2	Total Suspended Solids	mg/l	22.5	100 Max.	200 Max.	IS 3025(P-17)-1984
3	Oil & Grease	mg/l	<2.0	10 Max.	10 Max.	IS 3025(P-39)-1991
4	Biochemical Oxygen Demand (BOD - 3 days at 27°C)	mg/l	17.5	30 Max.	100 Max.	IS 3025(P-44)-1993
5	Chemical Oxygen Demand (COD)	mg/l	89.6	250 Max.	-	IS 3025(P-58)-2006
6	Total Nitrogen (as N)	mg/l	11.3	-	-	IS 3025(P-34)-1988
7	Ammonical Nitrogen (as N)	mg/l	2.4	50 Max.	-	IS 3025(P-34)-1988
8	Faecal Coliform	MPN/100ml	40	<100		IS 1622-1981

End of Report

Vinay Dixit
(Microbiologist)

Ashutosh Srivastava
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Sample Description:	One Sample described as STP Outlet Water , was received.	Date of Receiving:	16/12/2020
Sample ID:	JSW Township	Date of Starting:	16/12/2020
		Date of Completion:	21/12/2020
		Date of Reporting:	21/12/2020
		Sample Quantity:	1 Litre
		Sample Packing Condition:	Plastic Bottle
		Sample Submitted By:	Customer

TEST RESULT

S. No.	Test parameters	Unit	Results	Requirement as per CPCB Guideline		Testing Method
				Into Inland Surface Water	On land for Irrigation	
1	pH Value		8.12	5.5 - 9.0	5.5 - 9.0	IS 3025(P-11)-1983
2	Total Suspended Solids	mg/l	17.6	100 Max.	200 Max.	IS 3025(P-17)-1984
3	Oil & Grease	mg/l	<2.0	10 Max.	10 Max.	IS 3025(P-39)-1991
4	Biochemical Oxygen Demand (BOD - 3 days at 27°C)	mg/l	14.5	30 Max.	100 Max.	IS 3025(P-44)-1993
5	Chemical Oxygen Demand (COD)	mg/l	68.4	250 Max.	-	IS 3025(P-58)-2006
6	Total Nitrogen (as N)	mg/l	9.2	-	-	IS 3025(P-34)-1988
7	Ammonical Nitrogen (as N)	mg/l	1.7	50 Max.	-	IS 3025(P-34)-1988
8	Faecal Coliform	MPN/100ml	34	<100		IS 1622-1981

End of Report

Vinay Dixit
(Microbiologist)

Ashutosh Srivastava
(SR. ANALYST)
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Sample Description: One Sample described as STP Outlet Water,
was received.

Sample ID: JSW Township

Report No. AAL WQT-20210118005

Date of Receiving: 18/01/2021

Date of Starting: 18/01/2021

Date of Completion: 23/01/2021

Date of Reporting: 23/01/2021

Sample Quantity: 1 Litre

Sample Packing Condition: Plastic Bottle

Sample Submitted By: Customer

TEST RESULT

S. No.	Test parameters	Unit	Results	Requirement as per CPCB Guideline		Testing Method
				Into Inland Surface Water	On land for Irrigation	
1	pH Value	-	7.53	5.5 - 9.0	5.5 - 9.0	IS 3025(P-11)-1983
2	Total Suspended Solids	mg/l	18.6	100 Max.	200 Max.	IS 3025(P-17)-1984
3	Oil & Grease	mg/l	<2.0	10 Max.	10 Max.	IS 3025(P-39)-1991
4	Biochemical Oxygen Demand (BOD - 3 days at 27°C)	mg/l	17.5	30 Max.	100 Max.	IS 3025(P-44)-1993
5	Chemical Oxygen Demand (COD)	mg/l	89.4	250 Max.	-	IS 3025(P-58)-2006
6	Total Nitrogen (as N)	mg/l	10.4	-	-	IS 3025(P-34)-1988
7	Ammonical Nitrogen (as N)	mg/l	2.4	50 Max.	-	IS 3025(P-34)-1988
8	Faecal Coliform	MPN/100ml	30	<100	-	IS 1622-1981

****End of Report****

Vinay Dixit
(Microbiologist)

Ashutosh Srivastava
(SR. ANALYST)
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Sample Description:	One Sample described as STP Outlet Water, was received.	Date of Receiving:	12/02/2021
Sample ID:	JSW Township	Date of Starting:	12/02/2021
		Date of Completion:	17/02/2021
		Date of Reporting:	17/02/2021
		Sample Quantity:	1 Litre
		Sample Packing Condition:	Plastic Bottle
		Sample Submitted By:	Customer

TEST RESULT

S. No.	Test parameters	Unit	Results	Requirement as per CPCB Guideline		Testing Method
				Into Inland Surface Water	On land for Irrigation	
1	pH Value	-	7.73	5.5 - 9.0	5.5 - 9.0	IS 3025(P-11)-1983
2	Total Suspended Solids	mg/l	18.3	100 Max.	200 Max.	IS 3025(P-17)-1984
3	Oil & Grease	mg/l	<2.0	10 Max.	10 Max.	IS 3025(P-39)-1991
4	Biochemical Oxygen Demand (BOD - 3 days at 27°C)	mg/l	19.0	30 Max.	100 Max.	IS 3025(P-44)-1993
5	Chemical Oxygen Demand (COD)	mg/l	107.0	250 Max.	-	IS 3025(P-58)-2006
6	Total Nitrogen (as N)	mg/l	13.4	-	-	IS 3025(P-34)-1988
7	Ammonical Nitrogen (as N)	mg/l	4.4	50 Max.	-	IS 3025(P-34)-1988
8	Faecal Coliform	MPN/100ml	40	<100	-	IS 1622-1981

****End of Report****

Vijay Dixit
(Microbiologist)

Ashutosh Srivastava
(SR. ANALYST)
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Sample Description:	One Sample described as STP Outlet Water, was received.	Date of Receiving:	15/03/2021
Sample ID:	JSW Township	Date of Starting:	15/03/2021
		Date of Completion:	20/03/2021
		Date of Reporting:	20/03/2021
		Sample Quantity:	1 Litre
		Sample Packing Condition:	Plastic Bottle
		Sample Submitted By:	Customer

TEST RESULT

S. No.	Test parameters	Unit	Results	Requirement as per CPCB Guideline		Testing Method
				Into Inland Surface Water	On land for Irrigation	
1	pH Value	-	7.64	5.5 - 9.0	5.5 - 9.0	IS 3025(P-11)-1983
2	Total Suspended Solids	mg/l	21.5	100 Max.	200 Max.	IS 3025(P-17)-1984
3	Oil & Grease	mg/l	<2.0	10 Max.	10 Max.	IS 3025(P-39)-1991
4	Biochemical Oxygen Demand (BOD - 3 days at 27°C)	mg/l	15.0	30 Max.	100 Max.	IS 3025(P-44)-1993
5	Chemical Oxygen Demand (COD)	mg/l	79.5	250 Max.	-	IS 3025(P-58)-2006
6	Total Nitrogen (as N)	mg/l	9.6	-	-	IS 3025(P-34)-1988
7	Ammonical Nitrogen (as N)	mg/l	1.7	50 Max.	-	IS 3025(P-34)-1988
8	Faecal Coliform	MPN/100ml	34	<100		IS 1622-1981

****End of Report****

Vijay Dixit
(Microbiologist)

Ashutosh Srivastava
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