

Format No.: UES/FORM/09

 Ultimate ENVIRONMENTAL SOLUTIONS <small>मानव पर्यावरण के लिए सुरक्षित और स्वस्थ समाधान</small>	HDD-272, PHASE III- NEAR JP CHOWK, RING ROAD NO -2, KABIR NAGAR, RAIPUR, C.G. -99 PH - 0771-2972364 / EMAIL-ultimatenviro@gmail.com	 

<i>Name & Address Of The Customer</i> TO, HINDALCO INDUSTRIES LIMITED, GARE PALMA - IV/4, COAL MINE, VILLAGE - BANKHETA, POST -MILUPARA, DISTT. - RAIGARH (C.G.) 496 107		REPORT NO UES/TR/II/18-19/0015
		LAB REF NO UES/18-19/W/015
		DATE OF SAMPLING 11/04/2018
		DATE OF RECEIPT 12/04/2018
		DATE OF REPORT 18/04/2018
		DATE OF ANALYSIS START:12/04/18 END:17/04/18
SAMPLE DETAILS		
SAMPLE TYPE	EFFLUENT WATER	ORDER /REFERENCE: M/PO/SRV/1718/0115, dtd. 02.08.2017
CUSTOMER SAMPLE ID	ETP OUTLET BANJIKHOL	SAMPLE CONDITION AT RECEIPT OK
PACKING OF SAMPLE	5 L X 1 NO. PVC CAN 1 L X 1 NO. PVC CAN 1 L X 1 NO. GLASS BOTTLE	SEALED SAMPLE COLLECTED BY CHEMIST
SAMPLING PROCEDURE	IS: 3025 (PART I): 1987 RA 2003; APHA 22ND ED. 2012, 1060-B, 1-39	QUANTITY RECEIVED 5 LTR

REPORT NO. - 0015

TEST REPORT

SR. NO.	PARAMETER	UNIT	METHOD OF TEST	THE ENVIRONMENT (PROTECTION) RULES, 1986 [SCHEDULE-VI] PART-A INLAND SURFACE WATER	RESULT
1	Colour and Odour	Hazen	APHA 22 nd Ed. 2012,2120-B,2-6	See 6 of Annexure-I	Absent
2	Temperature	NTU	APHA 22 nd Ed.2012,2130-B,2-13	Shall not exceed 5°C above the receiving water temperature	26.4
3	pH*	-	APHA 22 nd Ed.2012,4500-H ⁺ -B, 4-92	5.5 to 9.0	7.24
4	Total Residual Chlorine	mg/Lit	APHA 22 nd Ed.2012,4500-CI-G, 4 - 69	1.0	N.D.
5	Total Suspended Solids*	mg/Lit	APHA 22 nd Ed.2012,2540-D, 2-66	100	52
6	Dissolved Phosphate (as P)	mg/Lit	APHA 22 nd Ed.2012,4500-P-C, 4-153	5.0	N.D.
7	Fluoride (as F)*	mg/Lit	APHA 22 nd Ed.2012,4500-F-B &D, 4-84 & 87	2.0	0.16
8	Lead (as Pb)	mg/Lit	APHA 22 nd Ed.2012,3111-B, 3-18	0.1	N.D.
9	Zinc (as Zn)	mg/Lit	APHA 22 nd Ed.2012,3111-B, 3-18	5.0	N.D.
10	Copper (as Cu)*	mg/Lit	APHA 22 nd Ed.2012,3111-B, 3-18	3.0	N.D.
11	Cadmium (as Cd)	mg/Lit	APHA 22 nd Ed.2012,3500-Cd, 3-105	2.0	N.D.

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 Ultimate ENVIROLYTICAL SOLUTIONS <small>NAH, ACP, SECTOR 16, GATEWAY INDUSTRIAL ESTATE</small>	HDD-272, PHASE III- NEAR JP CHOWK, RING ROAD NO -2, KABIR NAGAR, RAIPUR, C.G. -99 PH - 0771-2972364 / EMAIL-ultimatenviro@gmail.com	 
	REPORT NO. - 0015	

TEST REPORT

SR. NO.	PARAMETER	UNIT	METHOD OF TEST	THE ENVIRONMENT (PROTECTION) RULES, 1986 [SCHEDULE-VI] PART-A INLAND SURFACE WATER	RESULT
12	Mercury (as Hg)	mg/Lit	APHA 22 nd Ed.2012,3112-B, 3-23	0.01	N.D.
13	Arsenic (as As)	mg/Lit	APHA 22 nd Ed.2012,3114-C, 3-38	0.2	N.D.
14	Selenium (as Se)	mg/Lit	APHA 22 nd Ed.2012,3114-C, 3-38	0.05	N.D.
15	Total Chromium (as Cr)	mg/Lit	APHA 22 nd Ed.2012,3500-Cr-B, 3-69	2.0	N.D.
16	Chemical Oxygen Demand (COD)*	mg/Lit	APHA 22 nd Ed.2012, 5520-B, 5-17	250	48.0
17	Biochemical Oxygen Demand (BOD)	mg/Lit	IS 3025 (Part 44):1993, RA 2003	30	7.4
18	Oil & Grease	mg/Lit	IS 3025 (Part 39):1991, RA 2003, Ed 2.1	10.0	N.D.
19	Phenolic Compounds (as C ₆ H ₅ OH)	mg/Lit	IS 3025 (Part 43):1992, RA 2003	1.0	N.D.

Note: mg/lit.: milligram per liter, N.D. – Not Detected, * - These parameters are in scope

REMARKS: RESULTS ARE AS ABOVE

Terms & conditions

- The above analysis report refers to the particular sample received at our end and the use of the report for publication, arbitration or as legal dispute is forbidden.
- Test sample will be retained for 07 days after issue of test report unless otherwise agreed with customer.

	For ULTIMATE ENVIROLYTICAL SOLUTIONS  AUTHORIZED SIGNATORY
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-----End of the test report-----

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 Ultimate ENVIRONMENTAL SOLUTIONS <small>MANAGE YOUR ENVIRONMENT WITH US</small>	HDD-272, PHASE III- NEAR JP CHOWK, RING ROAD NO -2, KABIR NAGAR, RAIPUR, C.G. -99 PH - 0771-2972364 / EMAIL-ultimatenviro@gmail.com	

Name & Address Of The Customer TO, HINDALCO INDUSTRIES LIMITED, GARE PALMA - IV/4, COAL MINE, VILLAGE - BANKHETA, POST -MILUPARA, DISTT. - RAIGARH (C.G.) 496107		REPORT NO UES/TR/II/18-19/0235
		LAB REF NO UES/18-19/W/235
		DATE OF SAMPLING 09/05/2018
		DATE OF RECEIPT 10/05/2018
		DATE OF REPORT 16/05/2018
		DATE OF ANALYSIS START:10/05/18 START:15/05/18
SAMPLE DETAILS		
SAMPLE TYPE	EFFLUENT WATER	ORDER /REFERENCE: M/PO/SRV/1718/0115, DTD. 02.08.2017
CUSTOMER SAMPLE ID	ETP OUTLET BANJIKHOL	SAMPLE CONDITION AT RECEIPT OK
PACKING OF SAMPLE	3 L X 1 NO. PVC CAN 1 L X 1 NO. PVC CAN 1 L X 1 NO. GLASS BOTTLE	SEALED SAMPLE COLLECTED BY CHEMIST
SAMPLING PROCEDURE	IS: 3025 (PART I): 1987 RA 2003; APHA 22ND ED. 2012, 1060-B, 1-39	QUANTITY RECEIVED 5 LTR

REPORT NO. - 0235

TEST REPORT

SR. NO.	PARAMETER	UNIT	METHOD OF TEST	THE ENVIRONMENT (PROTECTION) RULES, 1986 [SCHEDULE-VI] PART-A INLAND SURFACE WATER	RESULT
1	Colour and Odour	Hazen	APHA 22 nd Ed. 2012,2120-B,2-6	See 6 of Annexure-I	Absent
2	Temperature	°C	APHA 22 nd Ed.2012,2130-B,2-13	Shall not exceed 5°C above the receiving water temperature	27.2
3	pH*	-	APHA 22 nd Ed.2012,4500-H ⁺ -B, 4-92	5.5 to 9.0	7.7
4	Total Residual Chlorine	mg/Lit	APHA 22 nd Ed.2012,4500-Cl-G, 4 - 69	1.0	N.D.
5	Total Suspended Solids*	mg/Lit	APHA 22 nd Ed.2012,2540-D, 2-66	100	52
6	Dissolved Phosphate (as P)	mg/Lit	APHA 22 nd Ed.2012,4500-P-C, 4-153	5.0	N.D.
7	Fluoride (as F)*	mg/Lit	APHA 22 nd Ed.2012,4500-F-B &D, 4-84 & 87	2.0	0.6
8	Lead (as Pb)	mg/Lit	APHA 22 nd Ed.2012,3111-B, 3-18	0.1	N.D.
9	Zinc (as Zn)	mg/Lit	APHA 22 nd Ed.2012,3111-B, 3-18	5.0	N.D.
10	Copper (as Cu)*	mg/Lit	APHA 22 nd Ed.2012,3111-B, 3-18	3.0	N.D.
11	Cadmium (as Cd)	mg/Lit	APHA 22 nd Ed.2012,3500-Cd, 3-105	2.0	N.D.

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	REPORT NO. - 0235	

TEST REPORT

SR. NO.	PARAMETER	UNIT	METHOD OF TEST	THE ENVIRONMENT (PROTECTION) RULES, 1986 [SCHEDULE-VI] PART-A INLAND SURFACE WATER	RESULT
12	Mercury (as Hg)	mg/Lit	APHA 22 nd Ed.2012,3112-B, 3-23	0.01	N.D.
13	Arsenic (as As)	mg/Lit	APHA 22 nd Ed.2012,3114-C, 3-38	0.2	N.D.
14	Selenium (as Se)	mg/Lit	APHA 22 nd Ed.2012,3114-C, 3-38	0.05	N.D.
15	Total Chromium (as Cr)	mg/Lit	APHA 22 nd Ed.2012,3500-Cr-B, 3-69	2.0	N.D.
16	Chemical Oxygen Demand (COD)*	mg/Lit	APHA 22 nd Ed.2012, 5520-B, 5-17	250	69.5
17	Biochemical Oxygen Demand (BOD)	mg/Lit	IS 3025 (Part 44):1993, RA 2003	30	11.5
18	Oil & Grease	mg/Lit	IS 3025 (Part 39):1991, RA 2003, Ed 2.1	10.0	N.D.
19	Phenolic Compounds (as C ₆ H ₅ OH)	mg/Lit	IS 3025 (Part 43):1992, RA 2003	1.0	N.D.

Note: mg/lit.: milligram per liter, N.D. – Not Detected, * - These parameters are in scope

REMARKS: RESULTS ARE AS ABOVE

Terms & conditions

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	For ULTIMATE ENVIROLYTICAL SOLUTIONS  AUTHORIZED SIGNATORY
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-----End of the test report-----

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Name & Address Of The Customer TO, HINDALCO INDUSTRIES LIMITED, GARE PALMA - IV/4, COAL MINE, VILLAGE - BANKHETA, POST -MILUPARA, DISTT. - RAIGARH (C.G.) 496107		REPORT NO UES/TR/II/18-19/0535
		LAB REF NO UES/18-19/W/535
		DATE OF SAMPLING 25/06/2018
		DATE OF RECEIPT 26/06/2018
		DATE OF REPORT 30/06/2018
		DATE OF ANALYSIS START:26/06/18 END:30/06/18
SAMPLE DETAILS		
SAMPLE TYPE	EFFLUENT WATER	ORDER /REFERENCE: M/PO/SRV/1718/0115, DTD. 02.08.2017
CUSTOMER SAMPLE ID	ETP OUTLET BANKHETA	SAMPLE CONDITION AT RECEIPT OK
PACKING OF SAMPLE	3 L X 1 NO. PVC CAN 1 L X 1 NO. PVC CAN 1 L X 1 NO. GLASS BOTTLE SEALED	SAMPLE COLLECTED BY CHEMIST
SAMPLING PROCEDURE	IS:3025 (PART I):1987 RA 2003; APHA 22ND ED. 2012; 1060-B, 1-39	QUANTITY RECEIVED 5 LTR

REPORT NO. - 0535

TEST REPORT

SR. NO.	PARAMETER	UNIT	METHOD OF TEST	THE ENVIRONMENT (PROTECTION) RULES, 1986 [SCHEDULE-VI] PART-A INLAND SURFACE WATER	RESULT
1	Colour and Odour	Hazen	APHA 22 nd Ed. 2012,2120-B,2-6	See 6 of Annexure-I	Absent
2	Temperature	°C	APHA 22 nd Ed.2012,2130-B,2-13	Shall not exceed 5°C above the receiving water temperature	27.4
3	pH*	-	APHA 22 nd Ed.2012,4500-H ⁺ -B, 4-92	5.5 to 9.0	7.8
4	Total Residual Chlorine	mg/Lit	APHA 22 nd Ed.2012,4500-CI-G, 4 - 69	1.0	N.D.
5	Total Suspended Solids*	mg/Lit	APHA 22 nd Ed.2012,2540-D, 2-66	100	56
6	Dissolved Phosphate (as P)	mg/Lit	APHA 22 nd Ed.2012,4500-P-C, 4-153	5.0	N.D.
7	Fluoride (as F)*	mg/Lit	APHA 22 nd Ed.2012,4500-F-B &D, 4-84 & 87	2.0	0.5
8	Lead (as Pb)	mg/Lit	APHA 22 nd Ed.2012,3111-B, 3-18	0.1	N.D.
9	Zinc (as Zn)	mg/Lit	APHA 22 nd Ed.2012,3111-B, 3-18	5.0	N.D.
10	Copper (as Cu)*	mg/Lit	APHA 22 nd Ed.2012,3111-B, 3-18	3.0	N.D.
11	Cadmium (as Cd)	mg/Lit	APHA 22 nd Ed.2012,3500-Cd, 3-105	2.0	N.D.

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 Ultimate ENVIROLYTICAL SOLUTIONS <small>NAH, ACI, SEETI, K. C. P. ANI, W. C. I. ANI, S. O. I. ANI</small>	HDD-272, PHASE III- NEAR JP CHOWK, RING ROAD NO -2, KABIR NAGAR, RAIPUR, C.G. -99 PH - 0771-2972364 / EMAIL-ultimatenviro@gmail.com	 
	REPORT NO. - 0535	

TEST REPORT

SR. NO.	PARAMETER	UNIT	METHOD OF TEST	THE ENVIRONMENT (PROTECTION) RULES, 1986 [SCHEDULE-VI] PART-A INLAND SURFACE WATER	RESULT
12	Mercury (as Hg)	mg/Lit	APHA 22 nd Ed.2012,3112-B, 3-23	0.01	N.D.
13	Arsenic (as As)	mg/Lit	APHA 22 nd Ed.2012,3114-C, 3-38	0.2	N.D.
14	Selenium (as Se)	mg/Lit	APHA 22 nd Ed.2012,3114-C, 3-38	0.05	N.D.
15	Total Chromium (as Cr)	mg/Lit	APHA 22 nd Ed.2012,3500-Cr-B, 3-69	2.0	N.D.
16	Chemical Oxygen Demand (COD)*	mg/Lit	APHA 22 nd Ed.2012, 5520-B, 5-17	250	74.2
17	Biochemical Oxygen Demand (BOD)	mg/Lit	IS 3025 (Part 44):1993, RA 2003	30	16.8
18	Oil & Grease	mg/Lit	IS 3025 (Part 39):1991, RA 2003, Ed 2.1	10.0	N.D.
19	Phenolic Compounds (as C ₆ H ₅ OH)	mg/Lit	IS 3025 (Part 43):1992, RA 2003	1.0	N.D.

Note: mg/lit.: milligram per liter, N.D. – Not Detected, * - These parameters are in scope

REMARKS: RESULTS ARE AS ABOVE

Terms & conditions

- The above analysis report refers to the particular sample received at our end and the use of the report for publication, arbitration or as legal dispute is forbidden.
- Test sample will be retained for 07 days after issue of test report unless otherwise agreed with customer.

	For ULTIMATE ENVIROLYTICAL SOLUTIONS  AUTHORIZED SIGNATORY
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-----End of the test report-----

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 Ultimate ENVIRONMENTAL SOLUTIONS <small>मानव और पर्यावरण के बीच सही संतुलन बनाने वाले</small>	HDD-272, PHASE III- NEAR JP CHOWK, RING ROAD NO -2, KABIR NAGAR, RAIPUR, C.G. -99 PH - 0771-2972364 / EMAIL-ultimatenviro@gmail.com	 
	Name & Address Of The Customer TO, HINDALCO INDUSTRIES LIMITED, GARE PALMA - IV/4, COAL MINE, VILLAGE - BANKHETA, POST -MILUPARA, DISTT. - RAIGARH (C.G.) 496107	

REPORT NO	UES/TR/II/18-19/0760	
LAB REF NO	UES/18-19/W/760	
DATE OF SAMPLING	12/07/2018	
DATE OF RECEIPT	13/07/2018	
DATE OF REPORT	26/07/2018	
DATE OF ANALYSIS	START: 14/07/18	END: 19/07/18

SAMPLE DETAILS

SAMPLE TYPE	EFFLUENT WATER	ORDER /REFERENCE:	M/PO/SRV/1718/G115, DTD. 02.08.2017
CUSTOMER SAMPLE ID	ETP OUTLET BANJIKHOL	SAMPLE CONDITION AT RECEIPT	OK
PACKING OF SAMPLE	3 L X 1 NO. PVC CAN 1 L X 1 NO. PVC CAN 1 L X 1 NO. GLASS BOTTLE	SEALED	SAMPLE COLLECTED BY CHEMIST
SAMPLING PROCEDURE	IS:3025 (PART I):1987 RA 2003; APHA 22ND ED. 2012, 1060-B, 1-39	QUANTITY RECEIVED	5 LTR

REPORT NO. -0760

TEST REPORT

SR. NO.	PARAMETER	UNIT	METHOD OF TEST	THE ENVIRONMENT (PROTECTION) RULES, 1986 [SCHEDULE-VI] PART-A INLAND SURFACE WATER	RESULT
1	Colour and Odour	Hazen	APHA 22 nd Ed. 2012,2120-B,2-6	See 6 of Annexure-I	Absent
2	Temperature	°C	APHA 22 nd Ed.2012,2130-B,2-13	Shall not exceed 5°C above the receiving water temperature	26.7
3	pH*	-	APHA 22 nd Ed.2012,4500-H ⁺ -B, 4-92	5.5 to 9.0	6.92
4	Total Residual Chlorine	mg/Lit	APHA 22 nd Ed.2012,4500-Cl-G, 4 - 69	1.0	N.D.
5	Total Suspended Solids*	mg/Lit	APHA 22 nd Ed.2012,2540-D, 2-66	100	28.0
6	Dissolved Phosphate (as P)	mg/Lit	APHA 22 nd Ed.2012,4500-P-C, 4-153	5.0	N.D.
7	Fluoride (as F)*	mg/Lit	APHA 22 nd Ed.2012,4500-F-B &D, 4-84 & 87	2.0	0.21
8	Lead (as Pb)	mg/Lit	APHA 22 nd Ed.2012,3111-B, 3-18	0.1	N.D.
9	Zinc (as Zn)	mg/Lit	APHA 22 nd Ed.2012,3111-B, 3-18	5.0	N.D.
10	Copper (as Cu)*	mg/Lit	APHA 22 nd Ed.2012,3111-B, 3-18	3.0	0.03
11	Cadmium (as Cd)	mg/Lit	APHA 22 nd Ed.2012,3500-Cd, 3-105	2.0	N.D.

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 Ultimate ENVIROLYTICAL SOLUTIONS <small>NAH, ACP, SECTOR-16, GATEWAY INDUSTRIAL ESTATE</small>	HDD-272, PHASE III- NEAR JP CHOWK, RING ROAD NO -2, KABIR NAGAR, RAIPUR, C.G. -99 PH - 0771-2972364 / EMAIL-ultimatenviro@gmail.com	 
	REPORT NO. -0760	

TEST REPORT

SR. NO.	PARAMETER	UNIT	METHOD OF TEST	THE ENVIRONMENT (PROTECTION) RULES, 1986 [SCHEDULE-VI] PART-A INLAND SURFACE WATER	RESULT
12	Mercury (as Hg)	mg/Lit	APHA 22 nd Ed.2012,3112-B, 3-23	0.01	N.D.
13	Arsenic (as As)	mg/Lit	APHA 22 nd Ed.2012,3114-C, 3-38	0.2	N.D.
14	Selenium (as Se)	mg/Lit	APHA 22 nd Ed.2012,3114-C, 3-38	0.05	N.D.
15	Total Chromium (as Cr)	mg/Lit	APHA 22 nd Ed.2012,3500-Cr-B, 3-69	2.0	N.D.
16	Chemical Oxygen Demand (COD)*	mg/Lit	APHA 22 nd Ed.2012, 5520-B, 5-17	250	36.0
17	Biochemical Oxygen Demand (BOD)	mg/Lit	IS 3025 (Part 44):1993, RA 2003	30	9.0
18	Oil & Grease	mg/Lit	IS 3025 (Part 39):1991, RA 2003, Ed 2.1	10.0	N.D.
19	Phenolic Compounds (as C ₆ H ₅ OH)	mg/Lit	IS 3025 (Part 43):1992, RA 2003	1.0	N.D.

Note: mg/lit.: milligram per liter, N.D. – Not Detected, * - These parameters are in scope

REMARKS: RESULTS ARE AS ABOVE

Terms & conditions

- The above analysis report refers to the particular sample received at our end and the use of the report for publication, arbitration or as legal dispute is forbidden.
- Test sample will be retained for 07 days after issue of test report unless otherwise agreed with customer.

	For ULTIMATE ENVIROLYTICAL SOLUTIONS  AUTHORIZED SIGNATORY
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-----End of the test report-----

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 Ultimate ENVIRONMENTAL SOLUTIONS <small>ISO 9001:2015 ISO 14001:2015 OHSAS 18001:2007</small>	HDD-272, PHASE III- NEAR JP CHOWK, RING ROAD NO -2, KABIR NAGAR, RAIPUR, C.G. -99 PH - 0771-2972364 / EMAIL-ultimatenviro@gmail.com	 
	 	

Name & Address Of The Customer TO, HINDALCO INDUSTRIES LIMITED, GARE PALMA - IV/4, COAL MINE, VILLAGE - BANKHETA, POST -MILUPARA, DISTT. - RAIGARH (C.G.) 496107	REPORT NO	UES/TR/18-19/01080	
	LAB REF NO	UES/18-19/W/1080	
	DATE OF SAMPLING	18/08/2018	
	DATE OF RECEIPT	19/08/2018	
	DATE OF REPORT	30/08/2018	
	DATE OF ANALYSIS	START:20/08/18	END:25/08/18

SAMPLE DETAILS

SAMPLE TYPE	EFFLUENT WATER	ORDER /REFERENCE:	M/PO/SRV/1819/0085, DTD. 07.08.2018
CUSTOMER SAMPLE ID	ETP OUTLET BANJIKHOL	SAMPLE CONDITION AT RECEIPT	OK
PACKING OF SAMPLE	3 L X 1 NO. PVC CAN 1 L X 1 NO. PVC CAN 1 L X 1 NO. GLASS BOTTLE	SEALED	SAMPLE COLLECTED BY CHEMIST
SAMPLING PROCEDURE	IS:3025 (PART I):1987 RA 2003; APHA 22ND ED. 2012, 1060-B, 1-39	QUANTITY RECEIVED	5 LTR

REPORT NO. - 01080

TEST REPORT

SR. NO.	PARAMETER	UNIT	METHOD OF TEST	THE ENVIRONMENT (PROTECTION) RULES, 1986 [SCHEDULE-VI] PART-A INLAND SURFACE WATER	RESULT
1	Colour and Odour	Hazen	APHA 22 nd Ed. 2012,2120-B,2-6	See 6 of Annexure-I	Absent
2	Temperature	°C	APHA 22 nd Ed.2012,2130-B,2-13	Shall not exceed 5°C above the receiving water temperature	27.0
3	pH*	-	APHA 22 nd Ed.2012,4500-H ⁺ -B, 4-92	5.5 to 9.0	7.2
4	Total Residual Chlorine	mg/Lit	APHA 22 nd Ed.2012,4500-Cl-G, 4 - 69	1.0	N.D.
5	Total Suspended Solids*	mg/Lit	APHA 22 nd Ed.2012,2540-D, 2-66	100	52
6	Dissolved Phosphate (as P)	mg/Lit	APHA 22 nd Ed.2012,4500-P-C, 4-153	5.0	N.D.
7	Fluoride (as F)*	mg/Lit	APHA 22 nd Ed.2012,4500-F-B &D, 4-84 & 87	2.0	0.4
8	Lead (as Pb)	mg/Lit	APHA 22 nd Ed.2012,3111-B, 3-18	0.1	N.D.
9	Zinc (as Zn)	mg/Lit	APHA 22 nd Ed.2012,3111-B, 3-18	5.0	N.D.
10	Copper (as Cu)*	mg/Lit	APHA 22 nd Ed.2012,3111-B, 3-18	3.0	N.D.
11	Cadmium (as Cd)	mg/Lit	APHA 22 nd Ed.2012,3500-Cd, 3-105	2.0	N.D.

 Ultimate ENVIROLYTICAL SOLUTIONS <small>NABL ACCREDITED TO ISO 9001 AND ISO 14001</small>	HDD-272, PHASE III- NEAR JP CHOWK, RING ROAD NO -2, KABIR NAGAR, RAIPUR, C.G. -99 PH - 0771-2972364 / EMAIL-ultimatenviro@gmail.com	 
	REPORT NO. - 01080	

TEST REPORT

SR. NO.	PARAMETER	UNIT	METHOD OF TEST	THE ENVIRONMENT (PROTECTION) RULES, 1986 [SCHEDULE-VI] PART-A INLAND SURFACE WATER	RESULT
12	Mercury (as Hg)	mg/Lit	APHA 22 nd Ed.2012,3112-B, 3-23	0.01	N.D.
13	Arsenic (as As)	mg/Lit	APHA 22 nd Ed.2012,3114-C, 3-38	0.2	N.D.
14	Selenium (as Se)	mg/Lit	APHA 22 nd Ed.2012,3114-C, 3-38	0.05	N.D.
15	Total Chromium (as Cr)	mg/Lit	APHA 22 nd Ed.2012,3500-Cr-B, 3-69	2.0	N.D.
16	Chemical Oxygen Demand (COD)*	mg/Lit	APHA 22 nd Ed.2012, 5520-B, 5-17	250	76.4
17	Biochemical Oxygen Demand (BOD)	mg/Lit	IS 3025 (Part 44):1993, RA 2003	30	18.6
18	Oil & Grease	mg/Lit	IS 3025 (Part 39):1991, RA 2003, Ed 2.1	10.0	N.D.
19	Phenolic Compounds (as C ₆ H ₅ OH)	mg/Lit	IS 3025 (Part 43):1992, RA 2003	1.0	N.D.

Note: mg/lit.: milligram per liter.

BDL: Below Detection Limit, N.D.-Not Detected.

* These parameters are in scope approved by NABL.

** The results of these parameters are out of testing range approved by NABL.

REMARKS: RESULTS ARE AS ABOVE

Terms & conditions

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	For ULTIMATE ENVIROLYTICAL SOLUTIONS  AUTHORIZED SIGNATORY
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-----End of the test report-----

Format No.: UES/FORM/09

 Ultimate ENVIRONMENTAL SOLUTIONS <small>MANAGE YOUR ENVIRONMENTAL RISK</small>	HDD-272, PHASE III- NEAR JP CHOWK, RING ROAD NO -2, KABIR NAGAR, RAIPUR, C.G. -99 PH - 0771-2972364 / EMAIL-ultimatenviro@gmail.com	

Name & Address Of The Customer TO, HINDALCO INDUSTRIES LIMITED, GARE PALMA - IV/4, COAL MINE, VILLAGE - BANKHETA, POST -MILUPARA, DISTT. - RAIGARH (C.G.) 496107	REPORT NO	UES/TR/II/18-19/01436	
	LAB REF NO	UES/18-19/W/1436	
	DATE OF SAMPLING	26/09/2018	
	DATE OF RECEIPT	27/09/2018	
	DATE OF REPORT	02/10/2018	
	DATE OF ANALYSIS	START:27/09/18	END:01/10/18

SAMPLE DETAILS

SAMPLE TYPE	EFFLUENT WATER	ORDER /REFERENCE:	M/PO/SRV/1819/0085, DTD. 07.08.2018
CUSTOMER SAMPLE ID	ETP OUTLET BANJIKHOL	SAMPLE CONDITION AT RECEIPT	OK
PACKING OF SAMPLE	3 L X 1 NO. PVC CAN 1 L X 1 NO. PVC CAN 1 L X 1 NO. GLASS BOTTLE	SEALED	SAMPLE COLLECTED BY CHEMIST
SAMPLING PROCEDURE	IS:3025 (PART I):1987 RA 2003; APHA 22ND ED. 2012, 1060-B, 1-39	QUANTITY RECEIVED	5 LTR

REPORT NO. 01436

TEST REPORT

SR. NO.	PARAMETER	UNIT	METHOD OF TEST	THE ENVIRONMENT (PROTECTION) RULES, 1986 [SCHEDULE-VI] PART-A INLAND SURFACE WATER	RESULT
1	Colour and Odour	Hazen	APHA 22 nd Ed. 2012,2120-B,2-6	See 6 of Annexure-I	Absent
2	Temperature	°C	APHA 22 nd Ed.2012,2130-B,2-13	Shall not exceed 5°C above the receiving water temperature	26.0
3	pH	-	APHA 22 nd Ed.2012,4500-H ⁺ -B, 4-92	5.5 to 9.0	7.1
4	Total Residual Chlorine	mg/Lit	APHA 22 nd Ed.2012,4500-Cl-G, 4 - 69	1.0	N.D.
5	Total Suspended Solids	mg/Lit	APHA 22 nd Ed.2012,2540-D, 2-66	100	24
6	Dissolved Phosphate (as P)	mg/Lit	APHA 22 nd Ed.2012,4500-P-C, 4-153	5.0	N.D.
7	Fluoride (as F)	mg/Lit	APHA 22 nd Ed.2012,4500-F-B &D, 4-84 & 87	2.0	0.3
8	Lead (as Pb)	mg/Lit	APHA 22 nd Ed.2012,3111-B, 3-18	0.1	N.D.
9	Zinc (as Zn)	mg/Lit	APHA 22 nd Ed.2012,3111-B, 3-18	5.0	N.D.
10	Copper (as Cu)	mg/Lit	APHA 22 nd Ed.2012,3111-B, 3-18	3.0	N.D.
11	Cadmium (as Cd)	mg/Lit	APHA 22 nd Ed.2012,3500-Cd, 3-105	2.0	N.D.

 Ultimate ENVIROLYTICAL SOLUTIONS <small>मानव अर्थोपेक्षा के लिए पर्यावरण को सुरक्षित रखना</small>	HDD-272, PHASE III- NEAR JP CHOWK, RING ROAD NO -2, KABIR NAGAR, RAIPUR, C.G. -99 PH - 0771-2972364 / EMAIL-ultimatenviro@gmail.com	
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TEST REPORT					
SR. NO.	PARAMETER	UNIT	METHOD OF TEST	THE ENVIRONMENT (PROTECTION) RULES, 1986 [SCHEDULE-VI] PART-A INLAND SURFACE WATER	RESULT
12	Mercury (as Hg)	mg/Lit	APHA 22 nd Ed.2012,3112-B, 3-23	0.01	N.D.
13	Arsenic (as As)	mg/Lit	APHA 22 nd Ed.2012,3114-C, 3-38	0.2	N.D.
14	Selenium (as Se)	mg/Lit	APHA 22 nd Ed.2012,3114-C, 3-38	0.05	N.D.
15	Total Chromium (as Cr)	mg/Lit	APHA 22 nd Ed.2012,3500-Cr-B, 3-69	2.0	N.D.
16	Chemical Oxygen Demand (COD)	mg/Lit	APHA 22 nd Ed.2012, 5520-B, 5-17	250	64.6
17	Biochemical Oxygen Demand (BOD)	mg/Lit	IS 3025 (Part 44):1993, RA 2003	30	16.4
18	Oil & Grease	mg/Lit	IS 3025 (Part 39):1991, RA 2003, Ed 2.1	10.0	N.D.
19	Phenolic Compounds (as C ₆ H ₅ OH)	mg/Lit	IS 3025 (Part 43):1992, RA 2003	1.0	N.D.

Note: mg/lit..milligram per liter.
 BDL: Below Detection Limit, N.D.-Not Detected.

REMARKS: RESULTS ARE AS ABOVE

Terms & conditions

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-----End of the test report-----