

TEST REPORT

Report No.	UERL /14/12/L-0301	Date Of Report	07/01/2015
Name & Address of Customer	M/s. Pollution Control Committee. U.T. of DD and DNH. Daman.	Station Code No.	A1
Sample Details	River Water (A1)	Sample Qty.	5 Lit.
Sampling Date	31/12/2014	Sample Received Date	31/12/2014
Sample By	P.C.C. Hand Over to Us.	Appearance Of Sample	Colourless
Test Started Date	31/12/2014	Test Completion Date	06/01/2015
UERL Lab Sample ID.No. 14/12/L-0301			

TEST RESULTS

r. no.	Parameters	Test Method	Limit as per IS:10500:2012	Unit Of Measurement	Results
1.	Colour	IS 3025(Part 4)1983	5	Hazen unit(APHA)	1(10)
2.	Odour	IS 3025(Part 5)1983	Unobjectionable	--	Unobjectionable
3.	Temperature	IS 3025(Part 9)1984	--	°C	29
4.	Dissolve Oxygen	IS 3025(Part 38)1989, (APHA 22 st Ed.,2012,4500-O.B),	--	mg/L	7.2
5.	pH at 25 °C	IS 3025(Part 11)1983, (APHA 22 st Ed.,2012,4500-H'B)	6.5 - 8.5	Unit	8.12
6.	Conductivity at 25 °C	IS 3025(Part 14)1984	--	µs	310
7.	Biochemical Oxygen Demand (BOD) (3 days at 27 °C)	IS 3025(Part 44)1993Amd.01	--	mg/L	BDL(<5.0)
8.	Nitrate as N	(APHA 22 st Ed.,2012,4500 NO3-B)	45	mg/L	0.1
9.	Nitrite- N	APHA 22 st Ed.,2012,4500NO ₂ B	--	mg/L	0.09
10.	Arsenic as As	APHA 22 st Ed.,2012.,3114-C	0.01	mg/L	N.D.
11.	Cadmium as Cd	IS 3025(Part 41)1992, (APHA 22 st Ed.,2012,3111-B)	0.003	mg/L	N.D.
12.	Copper as Cu	IS 3025(Part 42)1992amd.01, (APHA 22 st Ed.,2012,3111-B)	0.05	mg/L	N.D.
13.	Lead as Pb	IS 3025(Part 47)1994Amd.02, (APHA 22 st Ed.,2012,3111-B)	0.01	mg/L	N.D.
14.	Chromium as Cr	IS 3025(Part 52)2003, (APHA 22 st Ed.,2012,3111-B)	0.05	mg/L	0.068
15.	Nickel as Ni	IS 3025(Part 54)2003, (APHA 22 st Ed.,2012,3111-B)	0.02	mg/L	0.010
16.	Zinc as Zn	IS 3025(Part 49)1994, (APHA 22 st Ed.,2012,3111-B)	5	mg/L	0.030
17.	Mercury as Hg	(APHA 22 st Ed.,2012,3112-B)	0.001	mg/L	N.D.
18.	Iron as Fe	IS 3025(Part 53)2003, (APHA 22 st Ed.,2012,3111-B)	0.3	mg/L	0.009
19.	Cyanide as CN	IS 3025(Part 27)1986	0.05	mg/L	N.D.
20.	Turbidity	IS 3025(Part 10)1984	1	NTU	0.1

TEST REPORT

Report No.	UERL /14/12/L-0301	Date Of Report	07/01/2015
Name & Address of Customer	M/s. Pollution Control Committee. U.T. of DD and DNH. Daman.	Station Code No.	AI
Sample Details	River Water (A1)	Sample Qty.	5 Lit.
Sampling Date	31/12/2014	Sample Received Date	31/12/2014
Sampled By	P.C.C. Hand Over to Us.	Appearance Of Sample	Colourless
Test Started Date	31/12/2014	Test Completion Date	06/01/2015
UERL Lab Sample ID.No. 14/12/L-0301			

TEST RESULTS

No.	Parameters	Test Method	Limit as per IS:10500:2012	Unit Of Measurement	Results
21.	Carbonate as CaCO ₃	IS 3025(Part 51)2001	--	mg/L	5.8
22.	Bicarbonate as CaCO ₃	IS 3025(Part 51)2001	--	mg/L	125.4
23.	Chloride as Cl ⁻	IS 3025(Part 32)1988 (APHA 22 nd Ed.,2012,4500-Cl)	250	mg/L	16.8
24.	Chemical Oxygen Demand(COD)	IS 3025(Part 58)2006, (APHA 22 nd Ed.,2012,5220-B),	--	mg/L	8.1
25.	Total Kjeldhal Nitrogen (TKN)	APHA 22 nd Ed.,2012,4500 NH ₃ - B	--	mg/L	N.D.
26.	Ammonia as N	IS 3025(Part 34)1988, (APHA 22 nd Ed.,2012,4500 NH ₃ -B&C),	0.5	mg/L	N.D.
27.	Hardness	IS 3025(Part 21)2009,Amd.1	200	mg/L	103.4
28.	Calcium as Ca	APHA 22 nd Ed.,2012,3500 Ca.B)	75	mg/L	22.6
29.	Magnesium as Mg	APHA 22 nd Ed.,2012,3500 Mg.B	30	mg/L	11.4
30.	Sulphate as SO ₄	IS 3025(Part 24)1986	200	mg/L	2.9
31.	Sodium as Na	APHA 22 nd Ed.,2012,3500 Na,B	--	mg/L	11.3
32.	Total Dissolve Solids(TDS)	(APHA 22 nd Ed.,2012,2540- C), IS 3025(Part 16)1984	500	mg/L	168
33.	Total Fixed Solids(TFS)	IS 3025(Part 18)1984,Amd.1 (APHA 22 nd Ed.,2012,2540 -E),	--	mg/L	198
34.	Total Suspended Solids(TSS)	IS 3025(Part 17)1984,Amd.1 (APHA 22 nd Ed.,2012,2540 -D),	--	mg/L	BDL(<5.0)
35.	Phosphate as PO ₄	(APHA 22 nd Ed.,2012,4500-P,D)	--	mg/L	BDL(<0.1)
36.	Ortho phosphate	(APHA 22 nd Ed.,2012,4500-P,D)	--	mg/L	N.D.
37.	Boron as B	--	0.5	mg/L	N.D.
38.	Potassium as K	APHA 22 nd Ed.,2012,3500 K,B	--	mg/L	1.0
39.	Fluoride as F	(APHA 22 nd Ed.,2012,4500 F,D)	1.0	mg/L	0.25
40.	% Sodium(Na)	By Calculation	--	%	0.0011
41.	Sodium Absorbion Ratio(SAR)	By Calculation	--	mg/L	2.74
42.	Total Alkalinity	IS 3025(Part 23)1986, Amd.2	200	mg/L	120.6
43.	P - Alkalinity	IS 3025(Part 23)1986, Amd.2	--	mg/L	BDL(<5.0)



TEST REPORT

Report No.	UERL /14/12/L-0301	Date Of Report	07/01/2015
Name & Address of Customer	M/s. Pollution Control Committee. U.T. of DD and DNH. Daman.	Station Code No.	A1
Sample Details	River Water (A1)	Sample Qty.	5 Lit.
Sampling Date	31/12/2014	Sample Received Date	31/12/2014
Sampled By	P.C.C. Hand Over to Us.	Appearance Of Sample	Colourless
Test Started Date	31/12/2014	Test Completion Date	06/01/2015
UERL Lab Sample ID.No. 14/12/L-0301			

TEST RESULTS

Sr. No.	Parameters	Test Method	Limit as per IS:10500:2012	Unit Of Measurement	Results
Pesticides:					
44.	Alpha BHC	US EPA 508-1995	Absent	ppb	Absent
45.	Beta BHC	US EPA 508-1995	Absent	ppb	Absent
46.	Gama BHC	US EPA 508-1995	Absent	ppb	Absent
47.	OP DDT	US EPA 508-1995	1	ppb	Absent
48.	PP DDT	US EPA 508-1995	1	ppb	Absent
49.	Alpha Endosulphan	US EPA 508-1995	0.4	ppb	Absent
50.	Beta Endosulphan	US EPA 508-1995	0.4	ppb	Absent
51.	Dieldrin	US EPA 508-1995	0.03	ppb	Absent
52.	2-4 D	US EPA 508-1995	30	ppb	Absent
53.	Aldrin	US EPA 508-1995	0.03	ppb	Absent
54.	Chloropyrifos.	US EPA 508-1995	30	ppb	Absent
55.	Carboryl (Carbamate)	US EPA 508-1995	Absent	ppb	Absent
56.	Methyl Parathin	US EPA 508-1995	0.3	ppb	Absent
7.	Anilophos	US EPA 508-1995	Absent	ppb	Absent
58.	Malathian	US EPA 508-1995	190	ppb	Absent

Note: BDL = Below Detection Limit, Turbidity = 0.1 = 3.70. Colour = 1(10) = 10 APHA, N.D. = Not Detected

***** End of Report *****

Tested By

(Signature)
(P.C.C.)
(Chemist)

Checked By

(Signature)
(No-B-E)
(Sr. Chemist)

Authorized By

(Signature)
(Technical Manager)

TEST REPORT
(Microbiology)

Report No.	MICRO/14/12/L-0301	Date Of Report	07/01/2015
Name & Address of Customer	M/s. Pollution Control Committee.	Station Code No.	
	U.T. of DD and DNH, Daman.		A ₁
Sample Details	River Water (A ₁)	Sample Qty.	250 ml
Sampling Date	31/12/2014	Sample Received Date	31/12/2014
Sampled By	P.C.C. Hand Over to Us.	Appearance Of Sample	Colorless
Test Started Date	01/01/2015	Test Completion Date	03/01/2015
UERL Lab Sample ID. No.	MIC/14/12/L-0301		

TEST RESULTS:

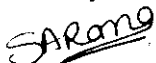
Sr. No.	Parameters	Test Method	Limit as per IS:10500-2012	Unit Of Measurement	Results
1	Total Coliform	APHA 22 nd Ed.2012,9222-B	Absent	CFU/100 ml	18
2	Faecal Coliform	APHA 22 nd Ed.2012,9222-D	Absent	CFU/100 ml	Absent

Remarks: The sample portion tested does / doesn't comply as per drinking water specifications.

Opinions and Interpretations: (if required)

***** End of Report *****

Tested By


(Sneha A. Rana)
Microbiologist

Authorized By


Sr. Microbiologist

TEST REPORT

Report No.	UERL /14/12/L-0302	Date Of Report	07/01/2015
Name & Address of Customer	M/s. Pollution Control Committee. U.T. of DD and DNH. Daman.	Station Code No.	A2
Sample Details	River Water (A2)	Sample Qty.	5 Lit.
Sampling Date	31/12/2014	Sample Received Date	31/12/2014
Sampled By	P.C.C. Hand Over to Us.	Appearance Of Sample	Colourless
Test Started Date	31/12/2014	Test Completion Date	06/01/2015
UERL Lab Sample ID.No. 14/12/L-0302			

TEST RESULTS

Sr. No.	Parameters	Test Method	Limit as per IS:10500:2012	Unit Of Measurement	Results
1.	Colour	IS 3025(Part 4)1983	5	Hazen unit(APHA)	5(60)
2.	Odour	IS 3025(Part 5)1983	Unobjectionable	--	Unobjectionable
3.	Temperature	IS 3025(Part 9)1984	--	°C	30
4.	Dissolve Oxygen	IS 3025(Part 38)1989, (APHA 22 st Ed.,2012,4500-O,B),	--	mg/L	7.2
5.	pH at 25 °C	IS 3025(Part 11)1983, (APHA 22 st Ed.,2012,4500-H'B)	6.5 - 8.5	Unit	7.94
6.	Conductivity at 25 °C	IS 3025(Part 14)1984	--	µs	288
7.	Biochemical Oxygen Demand (BOD) (3 days at 27 °C)	IS 3025(Part 44)1993Amd.01	--	mg/L	BDI(<5.0)
8.	Nitrate as N	(APHA 22 st Ed.,2012,4500 NO3-B)	45	mg/L	N.D.
9.	Nitrite- N	APHA 22 st Ed.,2012,4500NO ₂ B	--	mg/L	0.1
10.	Arsenic as As	APHA 22 st Ed.,2012,,3114-C	0.01	mg/L	N.D.
11.	Cadmium as Cd	IS 3025(Part 41)1992, (APHA 22 st Ed.,2012,3111-B)	0.003	mg/L	N.D.
12.	Copper as Cu	IS 3025(Part 42)1992amd.01, (APHA 22 st Ed.,2012,3111-B)	0.05	mg/L	N.D.
13.	Lead as Pb	IS 3025(Part 47)1994Amd.02, (APHA 22 st Ed.,2012,3111-B)	0.01	mg/L	N.D.
14.	Chromium as Cr	IS 3025(Part 52)2003, (APHA 22 st Ed.,2012,3111-B)	0.05	mg/L	0.008
15.	Nickel as Ni	IS 3025(Part 54)2003, (APHA 22 st Ed.,2012,3111-B)	0.02	mg/L	0.022
16.	Zinc as Zn	IS 3025(Part 49)1994, (APHA 22 st Ed.,2012,3111-B)	5	mg/L	0.040
17.	Mercury as Hg	(APHA 22 st Ed.,2012,3112-B)	0.001	mg/L	N.D.
18.	Iron as Fe	IS 3025(Part 53)2003, (APHA 22 st Ed.,2012,3111-B)	0.3	mg/L	0.029
19.	Cyanide as CN	IS 3025(Part 27)1986	0.05	mg/L	N.D.
20.	Turbidity	IS 3025(Part 10)1984	1	NTU	0.1

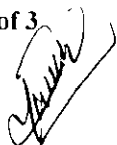


TEST REPORT

Report No.	UERL /14/12/L-0302	Date Of Report	07/01/2015
Name & Address of Customer	M/s. Pollution Control Committee. U.T. of DD and DNH. Daman.	Station Code No.	
		A2	
Sample Details	River Water (A2)	Sample Qty.	5 Lit.
Sampling Date	31/12/2014	Sample Received Date	31/12/2014
Sampled By	P.C.C. Hand Over to Us.	Appearance Of Sample	Colourless
Test Started Date	31/12/2014	Test Completion Date	06/01/2015
UERL Lab Sample ID.No. 14/12/L-0302			

TEST RESULTS

Sr. No.	Parameters	Test Method	Limit as per IS:10500:2012	Unit Of Measurement	Results
21.	Carbonate as CaCO ₃	IS 3025(Part 51)2001	--	mg/L	17.4
22.	Bicarbonate as CaCO ₃	IS 3025(Part 51)2001	--	mg/L	106
23.	Chloride as Cl ⁻	IS 3025(Part 32)1988 (APHA 22 nd Ed.,2012,4500-Cl)	250	mg/L	14.7
24.	Chemical Oxygen Demand(COD)	IS 3025(Part 58)2006, (APHA 22 nd Ed.,2012,5220-B),	--	mg/L	16.2
25.	Total Kjeldhal Nitrogen (TKN)	APHA 22 nd Ed.,2012,4500 NH ₃ - B	--	mg/L	N.D.
26.	Ammonia as N	IS 3025(Part 34)1988, (APHA 22 nd Ed.,2012,4500 NH ₃ -B&C).	0.5	mg/L	N.D.
27.	Hardness	IS 3025(Part 21)2009,Amd.1	200	mg/L	112.8
28.	Calcium as Ca	APHA 22 nd Ed.,2012,3500 Ca.B)	75	mg/L	12.8
29.	Magnesium as Mg	APHA 22 nd Ed.,2012,3500 Mg.B	30	mg/L	12.0
30.	Sulphate as SO ₄	IS 3025(Part 24)1986	200	mg/L	5.0
31.	Sodium as Na	APHA 22 nd Ed.,2012,3500 Na,B	--	mg/L	13.8
32.	Total Dissolve Solids(TDS)	(APHA 22 nd Ed.,2012,2540- C), IS 3025(Part 16)1984	500	mg/L	184
33.	Total Fixed Solids(TFS)	IS 3025(Part 18)1984,Amd.1 (APHA 22 nd Ed.,2012,2540 -E),	--	mg/L	108
34.	Total Suspended Solids(TSS)	IS 3025(Part 17)1984,Amd.1 (APHA 22 nd Ed.,2012,2540 -D),	--	mg/L	36
35.	Phosphate as PO ₄	(APHA 22 nd Ed.,2012,4500-P,D)	--	mg/L	BDL(<0.1)
36.	Ortho phosphate	(APHA 22 nd Ed.,2012,4500-P,D)	--	mg/L	N.D.
37.	Boron as B	--	0.5	mg/L	N.D.
38.	Potassium as K	APHA 22 nd Ed.,2012,3500 K,B	--	mg/L	1.2
39.	Fluoride as F	(APHA 22 nd Ed.,2012,4500 F,D)	1.0	mg/L	0.51
40.	% Sodium(Na)	By Calculation	--	%	0.0014
41.	Sodium Absorbtion Ratio(SAR)	By Calculation	--	mg/L	3.30
42.	Total Alkalinity	IS 3025(Part 23)1986, Amd.2	200	mg/L	115.8
43.	P - Alkalinity	IS 3025(Part 23)1986, Amd.2	--	mg/L	14.5



TEST REPORT

Report No.	UERL /14/12/L-0302	Date Of Report	07/01/2015
Name & Address of Customer	M/s. Pollution Control Committee. U.T. of DD and DNH. Daman.	Station Code No.	A2
Sample Details	River Water (A2)	Sample Qty.	5 Lit.
Sampling Date	31/12/2014	Sample Received Date	31/12/2014
Sampled By	P.C.C. Hand Over to Us.	Appearance Of Sample	Colourless
Test Started Date	31/12/2014	Test Completion Date	06/01/2015
UERL Lab Sample ID.No. 14/12/L-0302			

TEST RESULTS

Sr. No.	Parameters	Test Method	Limit as per IS:10500:2012	Unit Of Measurement	Results
Pesticides:					
44.	Alpha BHC	US EPA 508-1995	Absent	ppb	Absent
45.	Beta BHC	US EPA 508-1995	Absent	ppb	Absent
46.	Gama BHC	US EPA 508-1995	Absent	ppb	Absent
47.	OP DDT	US EPA 508-1995	1	ppb	Absent
48.	PP DDT	US EPA 508-1995	1	ppb	Absent
49.	Alpha Endosulphan	US EPA 508-1995	0.4	ppb	Absent
50.	Beta Endosulphan	US EPA 508-1995	0.4	ppb	Absent
51.	Dieldrin	US EPA 508-1995	0.03	ppb	Absent
52.	2-4 D	US EPA 508-1995	30	ppb	Absent
53.	Aldrin	US EPA 508-1995	0.03	ppb	Absent
54.	Chloropyrifos.	US EPA 508-1995	30	ppb	Absent
55.	Carbaryl (Carbamate)	US EPA 508-1995	Absent	ppb	Absent
56.	Methyl Parathin	US EPA 508-1995	0.3	ppb	Absent
7.	Anilophos	US EPA 508-1995	Absent	ppb	Absent
58.	Malathian	US EPA 508-1995	190	ppb	Absent

Note: BDL = Below Detection Limit, Turbidity = 0.1 = 3.49 NTU, Colour = 5(60) = 60 APHA, N.D. = Not Detected

***** End of Report *****

Tested By

(Signature)
(P.C.C.)
(Chemist)

Checked By

(Signature)
(Sr. Chemist)

Authorized By

(Signature)
(Technical Manager)

TEST REPORT
(Microbiology)

Report No.	MICRO/14/12/L-0302	Date Of Report	07/01/2015
Name & Address of Customer	M/s. Pollution Control Committee. U.T. of DD and DNH, Daman.	Station Code No.	A ₂
Sample Details	River Water (A ₂)	Sample Qty.	250 ml
Sampling Date	31/12/2014	Sample Received Date	31/12/2014
Sampled By	P.C.C. Hand Over to Us.	Appearance Of Sample	Colorless
Test Started Date	01/01/2015	Test Completion Date	03/01/2015
UERL Lab Sample ID. No.	MIC/14/12/L-0302		

TEST RESULTS:

Sr. No.	Parameters	Test Method	Limit as per IS:10500-2012	Unit Of Measurement	Results
1	Total Coliform	APHA 22 nd Ed.2012,9222-B	Absent	CFU/100 ml	49
2	Faecal Coliform	APHA 22 nd Ed.2012,9222-D	Absent	CFU/100 ml	08


Remarks: The sample portion tested does / doesn't comply as per drinking water specifications.

Opinions and Interpretations: (if required)

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***** End of Report *****

Tested By


(Sneha A. Rana)
Microbiologist

Authorized By


Sr. Microbiologist

TEST REPORT

Report No.	UERL /14/12/L-0303	Date Of Report	07/01/2015
Name & Address of Customer	M/s. Pollution Control Committee. U.T. of DD and DNH. Daman.	Station Code No.	A3
Sample Details	River Water (A3)	Sample Qty.	5 Lit.
Sampling Date	31/12/2014	Sample Received Date	31/12/2014
Sampled By	P.C.C. Hand Over to Us.	Appearance Of Sample	Colourless
Test Started Date	31/12/2014	Test Completion Date	06/01/2015
UERL Lab Sample ID.No. 14/12/L-0303			

TEST RESULTS

Sr. No.	Parameters	Test Method	Limit as per IS:10500:2012	Unit Of Measurement	Results
1.	Colour	IS 3025(Part 4)1983	5	Hazen unit(APHA)	5(60)
2.	Odour	IS 3025(Part 5)1983	Unobjectionable	--	Unobjectionable
3.	Temperature	IS 3025(Part 9)1984	--	°C	29
4.	Dissolve Oxygen	IS 3025(Part 38)1989, (APHA 22 st Ed.,2012,4500-O,B),	--	mg/L	7.3
5.	pH at 25 °C	IS 3025(Part 11)1983, (APHA 22 st Ed.,2012,4500-H'B)	6.5 - 8.5	Unit	7.83
6.	Conductivity at 25 °C	IS 3025(Part 14)1984	--	µs	248
7.	Biochemical Oxygen Demand (BOD) (3 days at 27 °C)	IS 3025(Part 44)1993Amd.01	--	mg/L.	BDL(<5.0)
8.	Nitrate as N	(APHA 22 st Ed.,2012,4500 NO3-B)	45	mg/L.	0.1
9.	Nitrite- N	APHA 22 st Ed.,2012,4500NO ₂ B	--	mg/L	0.025
10.	Arsenic as As	APHA 22 st Ed.,2012,,3114-C	0.01	mg/L.	N.D.
11.	Cadmium as Cd	IS 3025(Part 41)1992, (APHA 22 st Ed.,2012,3111-B)	0.003	mg/L	N.D.
12.	Copper as Cu	IS 3025(Part 42)1992amd.01, (APHA 22 st Ed.,2012,3111-B)	0.05	mg/L	N.D.
13.	Lead as Pb	IS 3025(Part 47)1994Amd.02, (APHA 22 st Ed.,2012,3111-B)	0.01	mg/L	N.D.
14.	Chromium as Cr	IS 3025(Part 52)2003, (APHA 22 st Ed.,2012,3111-B)	0.05	mg/L.	N.D.
15.	Nickel as Ni	IS 3025(Part 54)2003, (APHA 22 st Ed.,2012,3111-B)	0.02	mg/L	0.037
16.	Zinc as Zn	IS 3025(Part 49)1994, (APHA 22 st Ed.,2012,3111-B)	5	mg/L	0.020
17.	Mercury as Hg	(APHA 22 st Ed.,2012,3112-B)	0.001	mg/L	N.D.
18.	Iron as Fe	IS 3025(Part 53)2003, (APHA 22 st Ed.,2012,3111-B)	0.3	mg/L	N.D.
19.	Cyanide as CN	IS 3025(Part 27)1986	0.05	mg/L	N.D.
20.	Turbidity	IS 3025(Part 10)1984	1	NTU	0.1

TEST REPORT

Report No.	UERL /14/12/L-0303	Date Of Report	07/01/2015
Name & Address of Customer	M/s. Pollution Control Committee. U.T. of DD and DNH. Daman.	Station Code No.	A3
Sample Details	River Water (A3)	Sample Qty.	5 Lit.
Sampling Date	31/12/2014	Sample Received Date	31/12/2014
Sampled By	P.C.C. Hand Over to Us.	Appearance Of Sample	Colourless
Test Started Date	31/12/2014	Test Completion Date	06/01/2015
UERL Lab Sample ID.No. 14/12/L-0303			

TEST RESULTS

Sr. No.	Parameters	Test Method	Limit as per IS:10500:2012	Unit Of Measurement	Results
21.	Carbonate as CaCO ₃	IS 3025(Part 51)2001	--	mg/L	N.D.
22.	Bicarbonate as CaCO ₃	IS 3025(Part 51)2001	--	mg/L	111.8
23.	Chloride as Cl ⁻	IS 3025(Part 32)1988 (APHA 22 nd Ed.,2012,4500-Cl)	250	mg/L	5.7
24.	Chemical Oxygen Demand(COD)	IS 3025(Part 58)2006, (APHA 22 nd Ed.,2012,5220-B),	--	mg/L	BDL(<5.0)
25.	Total Kjeldhal Nitrogen (TKN)	APHA 22 nd Ed.,2012,4500 NH ₃ - B	--	mg/L	N.D.
26.	Ammonia as N	IS 3025(Part 34)1988, (APHA 22 nd Ed.,2012,4500 NH ₃ -B&C),	0.5	mg/L	N.D.
27.	Hardness	IS 3025(Part 21)2009,Amd.1	200	mg/L	75.2
28.	Calcium as Ca	APHA 22 nd Ed.,2012,3500 Ca.B)	75	mg/L	28.8
29.	Magnesium as Mg	APHA 22 nd Ed.,2012,3500 Mg.B	30	mg/L	3.9
30.	Sulphate as SO ₄	IS 3025(Part 24)1986	200	mg/L	1.6
31.	Sodium as Na	APHA 22 nd Ed.,2012,3500 Na,B	--	mg/L	6.0
32.	Total Dissolve Solids(TDS)	(APHA 22 nd Ed.,2012,2540- C), IS 3025(Part 16)1984	500	mg/L	158
33.	Total Fixed Solids(TFS)	IS 3025(Part 18)1984,Amd.1 (APHA 22 nd Ed.,2012,2540 -E),	--	mg/L	88
34.	Total Suspended Solids(TSS)	IS 3025(Part 17)1984,Amd.1 (APHA 22 nd Ed.,2012,2540 -D),	--	mg/L	40
35.	Phosphate as PO ₄	(APHA 22 nd Ed.,2012,4500-P,D)	--	mg/L	0.52
36.	Ortho phosphate	(APHA 22 nd Ed.,2012,4500-P,D)	--	mg/L	N.D.
37.	Boron as B	--	0.5	mg/L	N.D.
38.	Potassium as K	APHA 22 nd Ed.,2012,3500 K,B	--	mg/L	BDL(<1.0)
39.	Fluoride as F	(APHA 22 nd Ed.,2012,4500 F,D)	1.0	mg/L	0.18
40.	% Sodium(Na)	By Calculation	--	%	0.0006
41.	Sodium Absorbtion Ratio(SAR)	By Calculation	--	mg/L	1.67
42.	Total Alkalinity	IS 3025(Part 23)1986, Amd.2	200	mg/L	91.7
43.	P - Alkalinity	IS 3025(Part 23)1986, Amd.2	--	mg/L	N.D.

TEST REPORT

Report No.	UERL /14/12/L-0303	Date Of Report	07/01/2015
Name & Address of Customer	M/s. Pollution Control Committee. U.T. of DD and DNH. Daman.	Station Code No.	A3
Sample Details	River Water (A3)	Sample Qty.	5 Lit.
Sampling Date	31/12/2014	Sample Received Date	31/12/2014
Sampled By	P.C.C. Hand Over to Us.	Appearance Of Sample	Colourless
Test Started Date	31/12/2014	Test Completion Date	06/01/2015
UERL Lab Sample ID.No. 14/12/L-0303			

TEST RESULTS

Sr. No.	Parameters	Test Method	Limit as per IS:10500:2012	Unit Of Measurement	Results
Pesticides:					
44.	Alpha BHC	US EPA 508-1995	Absent	ppb	Absent
45.	Beta BHC	US EPA 508-1995	Absent	ppb	Absent
46.	Gama BHC	US EPA 508-1995	Absent	ppb	Absent
47.	OP DDT	US EPA 508-1995	1	ppb	Absent
48.	PP DDT	US EPA 508-1995	1	ppb	Absent
49.	Alpha Endosulphan	US EPA 508-1995	0.4	ppb	Absent
50.	Beta Endosulphan	US EPA 508-1995	0.4	ppb	Absent
51.	Dieldrin	US EPA 508-1995	0.03	ppb	Absent
52.	2-4 D	US EPA 508-1995	30	ppb	Absent
53.	Aldrin	US EPA 508-1995	0.03	ppb	Absent
54.	Chloropyriphos.	US EPA 508-1995	30	ppb	Absent
55.	Carboryl (Carbamate)	US EPA 508-1995	Absent	ppb	Absent
56.	Methyl Parathin	US EPA 508-1995	0.3	ppb	Absent
57.	Anilophos	US EPA 508-1995	Absent	ppb	Absent
58.	Malathian	US EPA 508-1995	190	ppb	Absent

Note: BDL = Below Detection Limit, Turbidity = 0.1=2.63 NTU, Colour = 5(60) = 60 APHA, N.D. = Not Detected

***** End of Report *****

Tested By

(Signature)
(N.C.F.)
(Chemist)

Checked By

(Signature)
(H.B.T.)
(Sr. Chemist)

Authorized By

(Signature)
(Technical Manager)

TEST REPORT
(Microbiology)

Report No.	MICRO/14/12/L-0303	Date Of Report	07/01/2015
Name & Address of Customer	M/s. Pollution Control Committee. U.T. of DD and DNH, Daman.	Station Code No.	A ₃
Sample Details	River Water (A ₃)	Sample Qty.	250 ml
Sampling Date	31/12/2014	Sample Received Date	31/12/2014
Sampled By	P.C.C. Hand Over to Us.	Appearance Of Sample	Colorless
Test Started Date	01/01/2015	Test Completion Date	03/01/2015
UERL Lab Sample ID. No.	MIC/14/12/L-0303		

TEST RESULTS:

Sr. No.	Parameters	Test Method	Limit as per IS:10500-2012	Unit Of Measurement	Results
1	Total Coliform	APHA 22 nd Ed.2012,9222-B	Absent	CFU/100 ml	51
2	Faecal Coliform	APHA 22 nd Ed.2012,9222-D	Absent	CFU/100 ml	24


Remarks: The sample portion tested does / doesn't comply as per drinking water specifications.

Opinions and Interpretations: (if required)


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***** End of Report *****

Tested By


(Sneha A. Rana)
Microbiologist

Authorized By


Sr. Microbiologist

TEST REPORT

Report No.	UERL /14/12/L-0304	Date Of Report	07/01/2015
Name & Address of Customer	M/s. Pollution Control Committee. U.T. of DD and DNH. Daman.	Station Code No.	A4
Sample Details	River Water (A4)	Sample Qty.	5 Lit.
Sampling Date	31/12/2014	Sample Received Date	31/12/2014
Sampled By	P.C.C. Hand Over to Us.	Appearance Of Sample	Colourless
Test Started Date	31/12/2014	Test Completion Date	06/01/2015
UERL Lab Sample ID.No. 14/12/L-0304			

TEST RESULTS

No.	Parameters	Test Method	Limit as per IS:10500:2012	Unit Of Measurement	Results
1.	Colour	IS 3025(Part 4)1983	5	Hazen unit(APHA)	1(10)
2.	Odour	IS 3025(Part 5)1983	Unobjectionable	--	Unobjectionable
3.	Temperature	IS 3025(Part 9)1984	--	°C	29
4.	Dissolve Oxygen	IS 3025(Part 38)1989, (APHA 22 st Ed.,2012,4500-O,B),	--	mg/L	7.3
5.	pH at 25 °C	IS 3025(Part 11)1983, (APHA 22 st Ed.,2012,4500-IH*B)	6.5 - 8.5	Unit	8.19
6.	Conductivity at 25 °C	IS 3025(Part 14)1984	--	µs	310
7.	Biochemical Oxygen Demand (BOD) (3 days at 27 °C)	IS 3025(Part 44)1993Amd 01	--	mg/l.	N.D.
8.	Nitrate as N	(APHA 22 st Ed.,2012,4500 NO3-B)	45	mg/L	N.D.
9.	Nitrite- N	APHA 22 st Ed.,2012,4500NO2B	--	mg/L	0.019
10.	Arsenic as As	APHA 22 st Ed.,2012,,3114-C	0.01	mg/L	N.D.
11.	Cadmium as Cd	IS 3025(Part 41)1992, (APHA 22 st Ed.,2012,3111-B)	0.003	mg/L	N.D.
	Copper as Cu	IS 3025(Part 42)1992amd 01, (APHA 22 st Ed.,2012,3111-B)	0.05	mg/l.	N.D.
13.	Lead as Pb	IS 3025(Part 47)1994Amd.02, (APHA 22 st Ed.,2012,3111-B)	0.01	mg/l.	N.D.
14.	Chromium as Cr	IS 3025(Part 52)2003, (APHA 22 st Ed.,2012,3111-B)	0.05	mg/L	N.D.
15.	Nickel as Ni	IS 3025(Part 54)2003, (APHA 22 st Ed.,2012,3111-B)	0.02	mg/L	0.020
16.	Zinc as Zn	IS 3025(Part 49)1994, (APHA 22 st Ed.,2012,3111-B)	5	mg/L	0.051
17.	Mercury as Hg	(APHA 22 st Ed.,2012,3112-B)	0.001	mg/L	N.D.
18.	Iron as Fe	IS 3025(Part 53)2003, (APHA 22 st Ed.,2012,3111-B)	0.3	mg/L	0.050
19.	Cyanide as CN	IS 3025(Part 27)1986	0.05	mg/L	N.D.
20.	Turbidity	IS 3025(Part 10)1984	1	NTU	0.1



TEST REPORT

Report No.	UERL /14/12/L-0304	Date Of Report	07/01/2015
Name & Address of Customer	M/s. Pollution Control Committee. U.T. of DD and DNH. Daman.	Station Code No.	
		A4	
Sample Details	River Water (A4)	Sample Qty.	5 Lit.
Sampling Date	31/12/2014	Sample Received Date	31/12/2014
Sampled By	P.C.C. Hand Over to Us.	Appearance Of Sample	Colourless
Test Started Date	31/12/2014	Test Completion Date	06/01/2015
UERL Lab Sample ID.No. 14/12/L-0304			

TEST RESULTS

Sr. No.	Parameters	Test Method	Limit as per IS:10500:2012	Unit Of Measurement	Results
21.	Carbonate as CaCO ₃	IS 3025(Part 51)2001	--	mg/L	5.8
22.	Bicarbonate as CaCO ₃	IS 3025(Part 51)2001	--	mg/L	137.7
23.	Chloride as Cl ⁻	IS 3025(Part 32)1988 (APHA 22 nd Ed.,2012,4500-Cl)	250	mg/l.	9.4
24.	Chemical Oxygen Demand(COD)	IS 3025(Part 58)2006, (APHA 22 nd Ed.,2012,5220-B),	--	mg/L	N.D.
25.	Total Kjeldhal Nitrogen (TKN)	APHA 22 nd Ed.,2012,4500 NH ₃ - B	--	mg/l.	N.D.
26.	Ammonia as N	IS 3025(Part 34)1988, (APHA 22 nd Ed.,2012,4500 NH ₃ -B&C),	0.5	mg/l.	N.D.
27.	Hardness	IS 3025(Part 21)2009,Amd.1	200	mg/L	112.8
28.	Calcium as Ca	APHA 22 nd Ed.,2012,3500 Ca.B)	75	mg/L	18.8
29.	Magnesium as Mg	APHA 22 nd Ed.,2012,3500 Mg.B	30	mg/l.	16.0
30.	Sulphate as SO ₄	IS 3025(Part 24)1986	200	mg/L	2.7
31.	Sodium as Na	APHA 22 nd Ed.,2012,3500 Na,B	--	mg/l.	7.2
2.	Total Dissolve Solids(TDS)	(APHA 22 nd Ed.,2012,2540- C), IS 3025(Part 16)1984	500	mg/L	198
33.	Total Fixed Solids(TFS)	IS 3025(Part 18)1984,Amd.1 (APHA 22 nd Ed.,2012,2540 -E),	--	mg/L	108
34.	Total Suspended Solids(TSS)	IS 3025(Part 17)1984,Amd.1 (APHA 22 nd Ed.,2012,2540 -D),	--	mg/L	24
35.	Phosphate as PO ₄	(APHA 22 nd Ed.,2012,4500-P,D)	--	mg/l.	N.D.
36.	Ortho phosphate	(APHA 22 nd Ed.,2012,4500-P,D)	--	mg/L	N.D.
37.	Boron as B	--	0.5	mg/L	N.D.
38.	Potassium as K	APHA 22 nd Ed.,2012,3500 K,B	--	mg/L	BDL(<1.0)
39.	Fluoride as F	(APHA 22 nd Ed.,2012,4500 F,D)	1.0	mg/L	0.18
40.	% Sodium(Na)	By Calculation	--	%	0.0007
41.	Sodium Absorbion Ratio(SAR)	By Calculation	--	mg/L	1.73
42.	Total Alkalinity	IS 3025(Part 23)1986, Amd.2	200	mg/L	106.2
43.	P - Alkalinity	IS 3025(Part 23)1986, Amd.2	--	mg/L	BDL(<5.0)

TEST REPORT

Report No.	UERL /14/12/L-0304	Date Of Report	07/01/2015
Name & Address of Customer	M/s. Pollution Control Committee. U.T. of DD and DNH. Daman.	Station Code No.	A4
Sample Details	River Water (A4)	Sample Qty.	5 Lit.
Sampling Date	31/12/2014	Sample Received Date	31/12/2014
Sampled By	P.C.C. Hand Over to Us.	Appearance Of Sample	Colourless
Test Started Date	31/12/2014	Test Completion Date	06/01/2015
UERL Lab Sample ID.No. 14/12/L-0304			

TEST RESULTS

Sr. No.	Parameters	Test Method	Limit as per IS:10500:2012	Unit Of Measurement	Results
Pesticides:					
44.	Alpha BHC	US EPA 508-1995	Absent	ppb	Absent
45.	Beta BHC	US EPA 508-1995	Absent	ppb	Absent
46.	Gama BHC	US EPA 508-1995	Absent	ppb	Absent
47.	OP DDT	US EPA 508-1995	1	ppb	Absent
48.	PP DDT	US EPA 508-1995	1	ppb	Absent
49.	Alpha Endosulphan	US EPA 508-1995	0.4	ppb	Absent
50.	Beta Endosulphan	US EPA 508-1995	0.4	ppb	Absent
51.	Dieldrin	US EPA 508-1995	0.03	ppb	Absent
52.	2-4 D	US EPA 508-1995	30	ppb	Absent
53.	Aldrin	US EPA 508-1995	0.03	ppb	Absent
54.	Chloropyrifos.	US EPA 508-1995	30	ppb	Absent
55.	Carboryl (Carbamate)	US EPA 508-1995	Absent	ppb	Absent
56.	Methyl Parathin	US EPA 508-1995	0.3	ppb	Absent
57.	Anilophos	US EPA 508-1995	Absent	ppb	Absent
58.	Malathian	US EPA 508-1995	190	ppb	Absent

Note: BDL = Below Detection Limit, Turbidity = 0.1 = 3.88 NTU, Colour = 1(10) = 10 APHA, N.D. = Not Detected

***** End of Report *****

Tested By
(Signature)
(N.C.P.)
(Chemist)

Checked By
(Signature)
(Sr. Chemist)

Authorized By
(Signature)
(Technical Manager)

TEST REPORT
(Microbiology)

Report No.	MICRO/14/12/L-0304	Date Of Report	07/01/2015
Name & Address of Customer	M/s. Pollution Control Committee. U.T. of DD and DNH, Daman.	Station Code No.	A ₄
Sample Details	River Water (A ₄)	Sample Qty.	250 ml
Sampling Date	31/12/2014	Sample Received Date	31/12/2014
Sampled By	P.C.C. Hand Over to Us.	Appearance Of Sample	Colorless
Test Started Date	01/01/2015	Test Completion Date	03/01/2015
UERL Lab Sample ID. No.	MIC/14/12/L-0304		

TEST RESULTS:

Sr. No.	Parameters	Test Method	Limit as per IS:10500-2012	Unit Of Measurement	Results
1	Total Coliform	APHA 22 nd Ed.2012,9222-B	Absent	CFU/100 ml	85
2	Faecal Coliform	APHA 22 nd Ed.2012,9222-D	Absent	CFU/100 ml	16


Remarks: The sample portion tested does / doesn't comply as per drinking water specifications.

Opinions and Interpretations: (if required)

--

***** End of Report *****

Tested By


(Sneha A. Rana)
Microbiologist

Authorized By


Sr. Microbiologist

TEST REPORT

Report No.	UERL /14/12/L-0307	Date Of Report	07/01/2015
Name & Address of Customer	M/s. Pollution Control Committee. U.T. of DD and DNH. Daman.	Station Code No.	A7
Sample Details	River Water (A7)	Sample Qty.	5 Lit.
Sampling Date	31/12/2014	Sample Received Date	31/12/2014
Sampled By	P.C.C. Hand Over to Us.	Appearance Of Sample	Light Yellow
Test Started Date	31/12/2014	Test Completion Date	06/01/2015
UERL Lab Sample ID.No. 14/12/L-0307			

TEST RESULTS

Sr. No.	Parameters	Test Method	Limit as per IS:10500:2012	Unit Of Measurement	Results
1.	Colour	IS 3025(Part 4)1983	5	Hazen unit(APHA)	10(200)
2.	Odour	IS 3025(Part 5)1983	Unobjectionable	--	Unobjectionable
3.	Temperature	IS 3025(Part 9)1984	--	°C	29
4.	Dissolve Oxygen	IS 3025(Part 38)1989, (APHA 22 nd Ed.,2012,4500-O,B),	--	mg/l.	6.9
5.	pH at 25 °C	IS 3025(Part 11)1983, (APHA 22 nd Ed.,2012,4500-H*B)	6.5 - 8.5	Unit	7.95
6.	Conductivity at 25 °C	IS 3025(Part 14)1984	--	µs	2780
7.	Biochemical Oxygen Demand (BOD) (3 days at 27 °C)	IS 3025(Part 44)1993Amd.01	--	mg/L	13
8.	Nitrate as N	(APHA 22 nd Ed.,2012,4500 NO3-B)	45	mg/L	1.2
9.	Nitrite- N	APHA 22 nd Ed.,2012,4500NO ₂ B	--	mg/L	0.9
10.	Arsenic as As	APHA 22 nd Ed.,2012.,3114-C	0.01	mg/L	N.D.
11.	Cadmium as Cd	IS 3025(Part 41)1992, (APHA 22 nd Ed.,2012,3111-B)	0.003	mg/L	N.D.
12.	Copper as Cu	IS 3025(Part 42)1992amd.01, (APHA 22 nd Ed.,2012,3111-B)	0.05	mg/l.	0.016
13.	Lead as Pb	IS 3025(Part 47)1994Amd.02, (APHA 22 nd Ed.,2012,3111-B)	0.01	mg/L	N.D.
14.	Chromium as Cr	IS 3025(Part 52)2003, (APHA 22 nd Ed.,2012,3111-B)	0.05	mg/L	N.D.
15.	Nickel as Ni	IS 3025(Part 54)2003, (APHA 22 nd Ed.,2012,3111-B)	0.02	mg/L	0.117
16.	Zinc as Zn	IS 3025(Part 49)1994, (APHA 22 nd Ed.,2012,3111-B)	5	mg/L	0.040
17.	Mercury as Hg	(APHA 22 nd Ed.,2012,3112-B)	0.001	mg/L	N.D.
18.	Iron as Fe	IS 3025(Part 53)2003, (APHA 22 nd Ed.,2012,3111-B)	0.3	mg/L	0.059
19.	Cyanide as CN	IS 3025(Part 27)1986	0.05	mg/L	N.D.
20.	Turbidity	IS 3025(Part 10)1984	1	NTU	0.1



TEST REPORT

Report No.	UERL /14/12/L-0307	Date Of Report	07/01/2015
Name & Address of Customer	M/s. Pollution Control Committee. U.T. of DD and DNH. Daman.	Station Code No.	A7
Sample Details	River Water (A7)	Sample Qty.	5 Lit.
Sampling Date	31/12/2014	Sample Received Date	31/12/2014
Sampled By	P.C.C. Hand Over to Us.	Appearance Of Sample	Light Yellow
Test Started Date	31/12/2014	Test Completion Date	06/01/2015
UERL Lab Sample ID.No. 14/12/L-0307			

TEST RESULTS

Sr. No.	Parameters	Test Method	Limit as per IS:10500:2012	Unit Of Measurement	Results
21.	Carbonate as CaCO ₃	IS 3025(Part 51)2001	--	mg/L	11.6
22.	Bicarbonate as CaCO ₃	IS 3025(Part 51)2001	--	mg/L	141.3
23.	Chloride as Cl ⁻	IS 3025(Part 32)1988 (APHA 22 nd Ed.,2012,4500-Cl)	250	mg/L	900.9
24.	Chemical Oxygen Demand(COD)	IS 3025(Part 58)2006, (APHA 22 nd Ed.,2012,5220-B),	--	mg/L	40.6
25.	Total Kjeldhal Nitrogen (TKN)	APHA 22 nd Ed.,2012,4500 NH ₃ - B	--	mg/L	N.D.
26.	Ammonia as N	IS 3025(Part 34)1988, (APHA 22 nd Ed.,2012,4500 NH ₃ -B&C).	0.5	mg/L	N.D.
27.	Hardness	IS 3025(Part 21)2009,Amd.1	200	mg/L	470
28.	Calcium as Ca	APHA 22 nd Ed.,2012,3500 Ca.B)	75	mg/L	71.6
29.	Magnesium as Mg	APHA 22 nd Ed.,2012,3500 Mg.B	30	mg/L	70.8
30.	Sulphate as SO ₄	IS 3025(Part 24)1986	200	mg/L	121.4
31.	Sodium as Na	APHA 22 nd Ed.,2012,3500 Na,B	--	mg/L	438
32.	Total Dissolve Solids(TDS)	(APHA 22 nd Ed.,2012,2540- C), IS 3025(Part 16)1984	500	mg/L	1780
33.	Total Fixed Solids(TFS)	IS 3025(Part 18)1984,Amd.1 (APHA 22 nd Ed.,2012,2540 -E),	--	mg/L	1822
34.	Total Suspended Solids(TSS)	IS 3025(Part 17)1984,Amd.1 (APHA 22 nd Ed.,2012,2540 -D),	--	mg/L	120
35.	Phosphate as PO ₄	(APHA 22 nd Ed.,2012,4500-P,D)	--	mg/L	0.16
36.	Ortho phosphate	(APHA 22 nd Ed.,2012,4500-P,D)	--	mg/L	N.D.
37.	Boron as B	--	0.5	mg/L	0.2
38.	Potassium as K	APHA 22 nd Ed.,2012,3500 K,B	--	mg/L	22.7
39.	Fluoride as F	(APHA 22 nd Ed.,2012,4500 F,D)	1.0	mg/L	0.38
40.	% Sodium(Na)	By Calculation	--	%	0.0438
41.	Sodium Absorbtion Ratio(SAR)	By Calculation	--	mg/L	51.8
42.	Total Alkalinity	IS 3025(Part 23)1986, Amd.2	200	mg/L	135.1
43.	P - Alkalinity	IS 3025(Part 23)1986, Amd.2	--	mg/L	9.7



TEST REPORT

Report No.	UERL /14/12/L-0307	Date Of Report	07/01/2015
Name & Address of Customer	M/s. Pollution Control Committee. U.T. of DD and DNH. Daman.	Station Code No.	A7
Sample Details	River Water (A7)	Sample Qty.	5 Lit.
Sampling Date	31/12/2014	Sample Received Date	31/12/2014
Sampled By	P.C.C. Hand Over to Us.	Appearance Of Sample	Light Yellow
Test Started Date	31/12/2014	Test Completion Date	06/01/2015
UERL Lab Sample ID.No. 14/12/L-0307			

TEST RESULTS

Sr. No.	Parameters	Test Method	Limit as per IS:10500:2012	Unit Of Measurement	Results
Pesticides:					
44.	Alpha BHC	US EPA 508-1995	Absent	ppb	Absent
45.	Beta BHC	US EPA 508-1995	Absent	ppb	Absent
46.	Gama BHC	US EPA 508-1995	Absent	ppb	Absent
47.	OP DDT	US EPA 508-1995	1	ppb	Absent
48.	PP DDT	US EPA 508-1995	1	ppb	Absent
49.	Alpha Endosulphan	US EPA 508-1995	0.4	ppb	Absent
50.	Beta Endosulphan	US EPA 508-1995	0.4	ppb	Absent
51.	Dieldrin	US EPA 508-1995	0.03	ppb	Absent
52.	2-4 D	US EPA 508-1995	30	ppb	Absent
53.	Aldrin	US EPA 508-1995	0.03	ppb	Absent
54.	Chloropyrifos.	US EPA 508-1995	30	ppb	Absent
55.	Carbaryl (Carbamate)	US EPA 508-1995	Absent	ppb	Absent
56.	Methyl Parathin	US EPA 508-1995	0.3	ppb	Absent
57.	Anilophos	US EPA 508-1995	Absent	ppb	Absent
58.	Malathian	US EPA 508-1995	190	ppb	Absent

Note: BDL = Below Detection Limit, Turbidity = 1 = 3.44 NTU, Colour = 10(200) = 200 APHA, N.D. = Not Detected

***** End of Report *****

Tested By

[Signature]
(N.C.P.)
(Chemist)

Checked By

[Signature]
(N.B.T.)
(Sr. Chemist)

Authorized By

[Signature]
(Technical Manager)

TEST REPORT (Microbiology)

Report No.	MICRO/14/12/L-0307	Date Of Report	07/01/2015
Name & Address of Customer	M/s. Pollution Control Committee. U.T. of DD and DNH, Daman.	Station Code No.	A ₇
Sample Details	River Water (A ₇)	Sample Qty.	250 ml
Sampling Date	31/12/2014	Sample Received Date	31/12/2014
Sampled By	P.C.C. Hand Over to Us.	Appearance Of Sample	Colorless
Test Started Date	01/01/2015	Test Completion Date	03/01/2015
UERL Lab Sample ID. No.	MIC/14/12/L-0307		

TEST RESULTS:

Sr. No.	Parameters	Test Method	Limit as per IS:10500-2012	Unit Of Measurement	Results
1	Total Coliform	APHA 22 nd Ed.2012,9222-B	Absent	CFU/100 ml	75
2	Faecal Coliform	APHA 22 nd Ed.2012,9222-D	Absent	CFU/100 ml	31


Remarks: The sample portion tested does / doesn't comply as per drinking water specifications.

Opinions and Interpretations: (if required)

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***** End of Report *****

Tested By


(Sneha A. Rana)
Microbiologist

Authorized By


Sr. Microbiologist

TEST REPORT

Report No.	UERL /14/12/L-0309	Date Of Report	07/01/2015
Name & Address of Customer	M/s. Pollution Control Committee. U.T. of DD and DNH. Daman.	Station Code No.	A9
Sample Details	River Water (A9)	Sample Qty.	5 Lit.
Sampling Date	31/12/2014	Sample Received Date	31/12/2014
Sampled By	P.C.C. Hand Over to Us.	Appearance Of Sample	Light Yellow
Test Started Date	31/12/2014	Test Completion Date	06/01/2015
UERL Lab Sample ID.No. 14/12/L-0309			

TEST RESULTS

Sr. No.	Parameters	Test Method	Limit as per IS:10500:2012	Unit Of Measurement	Results
1.	Colour	IS 3025(Part 4)1983	5	Hazen unit(APHA)	20(300)
2.	Odour	IS 3025(Part 5)1983	Unobjectionable	--	Unobjectionable
3.	Temperature	IS 3025(Part 9)1984	--	°C	30
4.	Dissolve Oxygen	IS 3025(Part 38)1989, (APHA 22 st Ed.,2012,4500-O,B),	--	mg/L	6.4
5.	pH at 25 °C	IS 3025(Part 11)1983, (APHA 22 st Ed.,2012,4500-H'B)	6.5 - 8.5	Unit	7.96
6.	Conductivity at 25 °C	IS 3025(Part 14)1984	--	µs	17900
7.	Biochemical Oxygen Demand (BOD) (3 days at 27 °C)	IS 3025(Part 44)1993Amd.01	--	mg/L	86
8.	Nitrate as N	(APHA 22 st Ed.,2012,4500 NO3-B)	45	mg/L	1.0
9.	Nitrite- N	APHA 22 st Ed.,2012,4500NO ₂ B	--	mg/L	0.8
10.	Arsenic as As	APHA 22 st Ed.,2012,,3114-C	0.01	mg/L	N.D.
11.	Cadmium as Cd	IS 3025(Part 41)1992, (APHA 22 st Ed.,2012,3111-B)	0.003	mg/L	N.D.
12.	Copper as Cu	IS 3025(Part 42)1992amd.01, (APHA 22 st Ed.,2012,3111-B)	0.05	mg/L	0.023
	Lead as Pb	IS 3025(Part 47)1994Amd.02, (APHA 22 st Ed.,2012,3111-B)	0.01	mg/L	N.D.
14.	Chromium as Cr	IS 3025(Part 52)2003, (APHA 22 st Ed.,2012,3111-B)	0.05	mg/L	0.014
15.	Nickel as Ni	IS 3025(Part 54)2003, (APHA 22 st Ed.,2012,3111-B)	0.02	mg/L	0.117
16.	Zinc as Zn	IS 3025(Part 49)1994, (APHA 22 st Ed.,2012,3111-B)	5	mg/L	0.059
17.	Mercury as Hg	(APHA 22 st Ed.,2012,3112-B)	0.001	mg/L	N.D.
18.	Iron as Fe	IS 3025(Part 53)2003, (APHA 22 st Ed.,2012,3111-B)	0.3	mg/L	0.406
19.	Cyanide as CN	IS 3025(Part 27)1986	0.05	mg/L	N.D.
20.	Turbidity	IS 3025(Part 10)1984	1	NTU	1.0



TEST REPORT

Report No.	UERL /14/12/L-0309	Date Of Report	07/01/2015
Name & Address of Customer	M/s. Pollution Control Committee. U.T. of DD and DNH. Daman.	Station Code No.	A9
Sample Details	River Water (A9)	Sample Qty.	5 Lit.
Sampling Date	31/12/2014	Sample Received Date	31/12/2014
Sampled By	P.C.C. Hand Over to Us.	Appearance Of Sample	Light Yellow
Test Started Date	31/12/2014	Test Completion Date	06/01/2015
UERL Lab Sample ID.No. 14/12/L-0309			

TEST RESULTS

Sr. o.	Parameters	Test Method	Limit as per IS:10500:2012	Unit Of Measurement	Results
21.	Carbonate as CaCO ₃	IS 3025(Part 51)2001	--	mg/L	17.4
22.	Bicarbonate as CaCO ₃	IS 3025(Part 51)2001	--	mg/L	137.2
23.	Chloride as Cl ⁻	IS 3025(Part 32)1988 (APHA 22 nd Ed.,2012,4500-Cl)	250	mg/L	6522.3
24.	Chemical Oxygen Demand(COD)	IS 3025(Part 58)2006, (APHA 22 nd Ed.,2012,5220-B).	--	mg/L	267.7
25.	Total Kjeldhal Nitrogen (TKN)	APHA 22 nd Ed.,2012,4500 NH ₃ - B	--	mg/L	N.D.
26.	Ammonia as N	IS 3025(Part 34)1988, (APHA 22 nd Ed.,2012,4500 NH ₃ -B&C),	0.5	mg/L	N.D.
27.	Hardness	IS 3025(Part 21)2009,Amd.1	200	mg/L	2350
28.	Calcium as Ca	APHA 22 nd Ed.,2012,3500 Ca.B)	75	mg/L	195.9
29.	Magnesium as Mg	APHA 22 nd Ed.,2012,3500 Mg.B	30	mg/L	452.3
30.	Sulphate as SO ₄	IS 3025(Part 24)1986	200	mg/L	900
31.	Sodium as Na	APHA 22 nd Ed.,2012,3500 Na,B	--	mg/L	3110
32.	Total Dissolve Solids(TDS)	(APHA 22 nd Ed.,2012,2540- C), IS 3025(Part 16)1984	500	mg/L	11458
	Total Fixed Solids(TFS)	IS 3025(Part 18)1984,Amd.1 (APHA 22 nd Ed.,2012,2540 -E).	--	mg/L	12082
34.	Total Suspended Solids(TSS)	IS 3025(Part 17)1984,Amd.1 (APHA 22 nd Ed.,2012,2540 -D),	--	mg/L	1020
35.	Phosphate as PO ₄	(APHA 22 nd Ed.,2012,4500-P,D)	--	mg/L	0.29
36.	Ortho phosphate	(APHA 22 nd Ed.,2012,4500-P,D)	--	mg/L	N.D.
37.	Boron as B	--	0.5	mg/L	1.1
38.	Potassium as K	APHA 22 nd Ed.,2012,3500 K,B	--	mg/L	119
39.	Fluoride as F	(APHA 22 nd Ed.,2012,4500 F,D)	1.0	mg/L	0.88
40.	% Sodium(Na)	By Calculation	--	%	0.311
41.	Sodium Absorbtion Ratio(SAR)	By Calculation	--	mg/L	172.8
42.	Total Alkalinity	IS 3025(Part 23)1986, Amd.2	200	mg/L	149.6
43.	P - Alkalinity	IS 3025(Part 23)1986, Amd.2	--	mg/L	14.5

TEST REPORT

Report No.	UERL /14/12/L-0309	Date Of Report	07/01/2015
Name & Address of Customer	M/s. Pollution Control Committee. U.T. of DD and DNH. Daman.	Station Code No.	A9
Sample Details	River Water (A9)	Sample Qty.	5 Lit.
Sampling Date	31/12/2014	Sample Received Date	31/12/2014
Sampled By	P.C.C. Hand Over to Us.	Appearance Of Sample	Light Yellow
Test Started Date	31/12/2014	Test Completion Date	06/01/2015
UERL Lab Sample ID.No. 14/12/L-0309			

TEST RESULTS

Sr. No.	Parameters	Test Method	Limit as per IS:10500:2012	Unit Of Measurement	Results
Pesticides:					
44.	Alpha BHC	US EPA 508-1995	Absent	ppb	Absent
45.	Beta BHC	US EPA 508-1995	Absent	ppb	Absent
46.	Gama BHC	US EPA 508-1995	Absent	ppb	Absent
47.	OP DDT	US EPA 508-1995	1	ppb	Absent
48.	PP DDT	US EPA 508-1995	1	ppb	Absent
49.	Alpha Endosulphan	US EPA 508-1995	0.4	ppb	Absent
50.	Beta Endosulphan	US EPA 508-1995	0.4	ppb	Absent
51.	Dieldrin	US EPA 508-1995	0.03	ppb	Absent
52.	2-4 D	US EPA 508-1995	30	ppb	Absent
53.	Aldrin	US EPA 508-1995	0.03	ppb	Absent
54.	Chloropyrifos.	US EPA 508-1995	30	ppb	Absent
55.	Carbaryl (Carbamate)	US EPA 508-1995	Absent	ppb	Absent
56.	Methyl Parathin	US EPA 508-1995	0.3	ppb	Absent
57.	Anilophos	US EPA 508-1995	Absent	ppb	Absent
58.	Malathian	US EPA 508-1995	190	ppb	Absent

Note: BDL = Below Detection Limit, Turbidity = 1= 30.1 NTU, Colour = 20(300) =300 APHA, N.D. = Not Detected

***** End of Report *****

Tested By

(Signature)
(N.C.P.)
(Chemist)

Checked By

(Signature)
(N.B.T.)
(Sr. Chemist)

Authorized By

(Signature)
(Technical Manager)

TEST REPORT
(Microbiology)

Report No.	MICRO/14/12/L-0309	Date Of Report	07/01/2015
Name & Address of Customer	M/s. Pollution Control Committee. U.T. of DD and DNH, Daman.	Station Code No.	A ₉
Sample Details	River Water (A ₉)	Sample Qty.	250 ml
Sampling Date	31/12/2014	Sample Received Date	31/12/2014
Sampled By	P.C.C. Hand Over to Us.	Appearance Of Sample	Colorless
Test Started Date	01/01/2015	Test Completion Date	03/01/2015
UERL Lab Sample ID. No.	MIC/14/12/L-0309		

TEST RESULTS:

Sr. No.	Parameters	Test Method	Limit as per IS:10500-2012	Unit Of Measurement	Results
1	Total Coliform	APHA 22 nd Ed.2012,9222-B	Absent	CFU/100 ml	68
2	Faecal Coliform	APHA 22 nd Ed.2012,9222-D	Absent	CFU/100 ml	14


Remarks: The sample portion tested does / doesn't comply as per drinking water specifications.

Opinions and Interpretations: (if required)

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***** End of Report *****

Tested By


(Sneha A. Rana)
Microbiologist

Authorized By

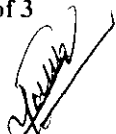

Sr. Microbiologist

TEST REPORT

Report No.	UERL /14/12/L-0308	Date Of Report	07/01/2015
Name & Address of Customer	M/s. Pollution Control Committee. U.T. of DD and DNH. Daman.	Station Code No.	A8
Sample Details	River Water (A8)	Sample Qty.	5 Lit.
Sampling Date	31/12/2014	Sample Received Date	31/12/2014
Sampled By	P.C.C. Hand Over to Us.	Appearance Of Sample	Light Yellow
Test Started Date	31/12/2014	Test Completion Date	06/01/2015
UERL Lab Sample ID.No. 14/12/L-0308			

TEST RESULTS

Sr. No.	Parameters	Test Method	Limit as per IS:10500:2012	Unit Of Measurement	Results
21.	Carbonate as CaCO ₃	IS 3025(Part 51)2001	--	mg/L	17.4
22.	Bicarbonate as CaCO ₃	IS 3025(Part 51)2001	--	mg/L	135.4
23.	Chloride as Cl ⁻	IS 3025(Part 32)1988 (APHA 22 nd Ed.,2012,4500-Cl)	250	mg/l.	3429
24.	Chemical Oxygen Demand(COD)	IS 3025(Part 58)2006, (APHA 22 nd Ed.,2012,5220-B),	--	mg/L	93.3
25.	Total Kjeldhal Nitrogen (TKN)	APHA 22 nd Ed.,2012,4500 NH ₃ - B	--	mg/l.	N.D.
26.	Ammonia as N	IS 3025(Part 34)1988, (APHA 22 nd Ed.,2012,4500 NH ₃ -B&C),	0.5	mg/L	N.D.
27.	Hardness	IS 3025(Part 21)2009,Amd.1	200	mg/L	1269
28.	Calcium as Ca	APHA 22 nd Ed.,2012,3500 Ca.B)	75	mg/L	190
29.	Magnesium as Mg	APHA 22 nd Ed.,2012,3500 Mg.B	30	mg/L	255
30.	Sulphate as SO ₄	IS 3025(Part 24)1986	200	mg/l.	536.6
31.	Sodium as Na	APHA 22 nd Ed.,2012,3500 Na,B	--	mg/L	1560
32.	Total Dissolve Solids(TDS)	(APHA 22 nd Ed.,2012,2540- C), IS 3025(Part 16)1984	500	mg/L	6198
..	Total Fixed Solids(TFS)	IS 3025(Part 18)1984,Amd.1 (APHA 22 nd Ed.,2012,2540 -E),	--	mg/L	3698
34.	Total Suspended Solids(TSS)	IS 3025(Part 17)1984,Amd.1 (APHA 22 nd Ed.,2012,2540 -D),	--	mg/l.	548
35.	Phosphate as PO ₄	(APHA 22 nd Ed.,2012,4500-P,D)	--	mg/L	0.27
36.	Ortho phosphate	(APHA 22 nd Ed.,2012,4500-P,D)	--	mg/l.	N.D.
37.	Boron as B	--	0.5	mg/l.	0.5
38.	Potassium as K	APHA 22 nd Ed.,2012,3500 K,B	--	mg/L	71.3
39.	Fluoride as F	(APHA 22 nd Ed.,2012,4500 F,D)	1.0	mg/L	0.80
40.	% Sodium(Na)	By Calculation	--	%	0.156
41.	Sodium Absorbtion Ratio(SAR)	By Calculation	--	mg/l.	116.4
42.	Total Alkalinity	IS 3025(Part 23)1986, Amd.2	200	mg/L	139.9
43.	P - Alkalinity	IS 3025(Part 23)1986, Amd.2	--	mg/L	14.5



TEST REPORT

Report No.	UERL /14/12/L-0308	Date Of Report	07/01/2015
Name & Address of Customer	M/s. Pollution Control Committee. U.T. of DD and DNH. Daman.	Station Code No.	A8
Sample Details	River Water (A8)	Sample Qty.	5 Lit.
Sampling Date	31/12/2014	Sample Received Date	31/12/2014
Sampled By	P.C.C. Hand Over to Us.	Appearance Of Sample	Light Yellow
Test Started Date	31/12/2014	Test Completion Date	06/01/2015
UERL Lab Sample ID.No. 14/12/L-0308			

TEST RESULTS

Sr. No.	Parameters	Test Method	Limit as per IS:10500:2012	Unit Of Measurement	Results
1.	Colour	IS 3025(Part 4)1983	5	Hazen unit(APHA)	10(200)
2.	Odour	IS 3025(Part 5)1983	Unobjectionable	--	Unobjectionable
3.	Temperature	IS 3025(Part 9)1984	--	°C	30
4.	Dissolve Oxygen	IS 3025(Part 38)1989, (APHA 22 st Ed.,2012,4500-O,B),	--	mg/L	6.4
5.	pH at 25 °C	IS 3025(Part 11)1983, (APHA 22 st Ed.,2012,4500-H'B)	6.5 - 8.5	Unit	7.99
6.	Conductivity at 25 °C	IS 3025(Part 14)1984	--	µs	9690
7.	Biochemical Oxygen Demand (BOD) (3 days at 27 °C)	IS 3025(Part 44)1993Amd.01	--	mg/L	29
8.	Nitrate as N	(APHA 22 st Ed.,2012,4500 NO3-B)	45	mg/L	1.2
9.	Nitrite- N	APHA 22 st Ed.,2012,4500NO2B	--	mg/L	0.8
10.	Arsenic as As	APHA 22 st Ed.,2012,,3114-C	0.01	mg/L	N.D.
11.	Cadmium as Cd	IS 3025(Part 41)1992, (APHA 22 st Ed.,2012,3111-B)	0.003	mg/L	N.D.
12.	Copper as Cu	IS 3025(Part 42)1992amd.01, (APHA 22 st Ed.,2012,3111-B)	0.05	mg/L	0.013
	Lead as Pb	IS 3025(Part 47)1994Amd.02, (APHA 22 st Ed.,2012,3111-B)	0.01	mg/L	N.D.
14.	Chromium as Cr	IS 3025(Part 52)2003, (APHA 22 st Ed.,2012,3111-B)	0.05	mg/L	0.007
15.	Nickel as Ni	IS 3025(Part 54)2003, (APHA 22 st Ed.,2012,3111-B)	0.02	mg/L	0.045
16.	Zinc as Zn	IS 3025(Part 49)1994, (APHA 22 st Ed.,2012,3111-B)	5	mg/L	0.045
17.	Mercury as Hg	(APHA 22 st Ed.,2012,3112-B)	0.001	mg/L	N.D.
18.	Iron as Fe	IS 3025(Part 53)2003, (APHA 22 st Ed.,2012,3111-B)	0.3	mg/L	0.113
19.	Cyanide as CN	IS 3025(Part 27)1986	0.05	mg/L	N.D.
20.	Turbidity	IS 3025(Part 10)1984	1	NTU	0.1



TEST REPORT

Report No.	UERL /14/12/L-0308	Date Of Report	07/01/2015
Name & Address of Customer	M/s. Pollution Control Committee, U.T. of DD and DNH. Daman.	Station Code No.	A8
Sample Details	River Water (A8)	Sample Qty.	5 Lit.
Sampling Date	31/12/2014	Sample Received Date	31/12/2014
Sampled By	P.C.C. Hand Over to Us.	Appearance Of Sample	Light Yellow
Test Started Date	31/12/2014	Test Completion Date	06/01/2015
UERL Lab Sample ID.No. 14/12/L-0308			

TEST RESULTS

Sr. No.	Parameters	Test Method	Limit as per IS:10500:2012	Unit Of Measurement	Results
Pesticides:					
44.	Alpha BHC	US EPA 508-1995	Absent	ppb	Absent
45.	Beta BHC	US EPA 508-1995	Absent	ppb	Absent
46.	Gamma BHC	US EPA 508-1995	Absent	ppb	Absent
47.	OP DDT	US EPA 508-1995	1	ppb	Absent
48.	PP DDT	US EPA 508-1995	1	ppb	Absent
49.	Alpha Endosulphan	US EPA 508-1995	0.4	ppb	Absent
50.	Beta Endosulphan	US EPA 508-1995	0.4	ppb	Absent
51.	Dieldrin	US EPA 508-1995	0.03	ppb	Absent
52.	2-4 D	US EPA 508-1995	30	ppb	Absent
53.	Aldrin	US EPA 508-1995	0.03	ppb	Absent
54.	Chloropyrifos.	US EPA 508-1995	30	ppb	Absent
55.	Carbaryl (Carbamate)	US EPA 508-1995	Absent	ppb	Absent
56.	Methyl Parathin	US EPA 508-1995	0.3	ppb	Absent
57.	Anilophos	US EPA 508-1995	Absent	ppb	Absent
3.	Malathian	US EPA 508-1995	190	ppb	Absent

Note: BDL = Below Detection Limit, Turbidity = 0.1 = 3.84 NTU, Colour = 10(200) = 200 APHA, N.D. = Not Detected

***** End of Report *****

Tested By

(Signature)
(P.C.C.)
(Chemist)

Checked By

(Signature)
(A-B-T)
(Sr. Chemist)

Authorized By

(Signature)
(Technical Manager)

TEST REPORT
(Microbiology)

Report No.	MICRO/14/12/L-0308	Date Of Report	07/01/2015
Name & Address of Customer	M/s. Pollution Control Committee. U.T. of DD and DNH, Daman.	Station Code No.	A ₈
Sample Details	River Water (A ₈)	Sample Qty.	250 ml
Sampling Date	31/12/2014	Sample Received Date	31/12/2014
Sampled By	P.C.C. Hand Over to Us.	Appearance Of Sample	Colorless
Test Started Date	01/01/2015	Test Completion Date	03/01/2015
UERL Lab Sample ID. No.	MIC/14/12/L-0308		

TEST RESULTS:

Sr. No.	Parameters	Test Method	Limit as per IS:10500-2012	Unit Of Measurement	Results
1	Total Coliform	APHA 22 nd Ed.2012,9222-B	Absent	CFU/100 ml	92
2	Faecal Coliform	APHA 22 nd Ed.2012,9222-D	Absent	CFU/100 ml	28

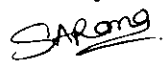
Remarks: The sample portion tested does / doesn't comply as per drinking water specifications.

Opinions and Interpretations: (if required)

--

***** End of Report *****

Tested By


(Sneha A. Rana)
Microbiologist

Authorized By


Sr. Microbiologist

TEST REPORT

Report No.	UERL /14/12/L-0305	Date Of Report	07/01/2015
Name & Address of Customer	M/s. Pollution Control Committee. U.T. of DD and DNH. Daman.	Station Code No.	A5
Sample Details	River Water (A5)	Sample Qty.	5 Lit.
Sampling Date	31/12/2014	Sample Received Date	31/12/2014
Sampled By	P.C.C. Hand Over to Us.	Appearance Of Sample	Colourless
Test Started Date	31/12/2014	Test Completion Date	06/01/2015
UERL Lab Sample ID.No. 14/12/L-0305			

TEST RESULTS

Sr. No.	Parameters	Test Method	Limit as per IS:10500:2012	Unit Of Measurement	Results
1.	Colour	IS 3025(Part 4)1983	5	Hazen unit(APHA)	5(80)
2.	Odour	IS 3025(Part 5)1983	Unobjectionable	--	Unobjectionable
3.	Temperature	IS 3025(Part 9)1984	--	°C	30
4.	Dissolve Oxygen	IS 3025(Part 38)1989, (APHA 22 st Ed.,2012,4500-O,B),	--	mg/L	5.8
5.	pH at 25 °C	IS 3025(Part 11)1983, (APHA 22 st Ed.,2012,4500-II'B)	6.5 - 8.5	Unit	7.91
6.	Conductivity at 25 °C	IS 3025(Part 14)1984	--	µs	606
7.	Biochemical Oxygen Demand (BOD) (3 days at 27 °C)	IS 3025(Part 44)1993Amd.01	--	mg/l.	6
8.	Nitrate as N	(APHA 22 st Ed.,2012,4500 NO3-B)	45	mg/L	0.2
9.	Nitrite- N	APHA 22 st Ed.,2012,4500NO ₂ B	--	mg/L	0.16
10.	Arsenic as As	APHA 22 st Ed.,2012,,3114-C	0.01	mg/L	N.D.
11.	Cadmium as Cd	IS 3025(Part 41)1992, (APHA 22 st Ed.,2012,3111-B)	0.003	mg/L	N.D.
12.	Copper as Cu	IS 3025(Part 42)1992amd.01, (APHA 22 st Ed.,2012,3111-B)	0.05	mg/L	N.D.
13.	Lead as Pb	IS 3025(Part 47)1994Amd.02, (APHA 22 st Ed.,2012,3111-B)	0.01	mg/L	N.D.
14.	Chromium as Cr	IS 3025(Part 52)2003, (APHA 22 st Ed.,2012,3111-B)	0.05	mg/l.	0.004
15.	Nickel as Ni	IS 3025(Part 54)2003, (APHA 22 st Ed.,2012,3111-B)	0.02	mg/L	0.049
16.	Zinc as Zn	IS 3025(Part 49)1994, (APHA 22 st Ed.,2012,3111-B)	5	mg/l.	0.015
17.	Mercury as Hg	(APHA 22 st Ed.,2012,3112-B)	0.001	mg/L	N.D.
18.	Iron as Fe	IS 3025(Part 53)2003, (APHA 22 st Ed.,2012,3111-B)	0.3	mg/L	N.D.
19.	Cyanide as CN	IS 3025(Part27)1986	0.05	mg/l.	N.D.
20.	Turbidity	IS 3025(Part 10)1984	1	NTU	0.1



TEST REPORT

Report No.	UERL /14/12/L-0305	Date Of Report	07/01/2015
Name & Address of Customer	M/s. Pollution Control Committee. U.T. of DD and DNH. Daman.	Station Code No.	
		A5	
Sample Details	River Water (A5)	Sample Qty.	5 Lit.
Sampling Date	31/12/2014	Sample Received Date	31/12/2014
Sampled By	P.C.C. Hand Over to Us.	Appearance Of Sample	Colourless
Test Started Date	31/12/2014	Test Completion Date	06/01/2015
UERL Lab Sample ID.No. 14/12/L-0305			

TEST RESULTS

Sr. No.	Parameters	Test Method	Limit as per IS:10500:2012	Unit Of Measurement	Results
21.	Carbonate as CaCO ₃	IS 3025(Part 51)2001	--	mg/L	11.6
22.	Bicarbonate as CaCO ₃	IS 3025(Part 51)2001	--	mg/L	200.1
23.	Chloride as Cl ⁻	IS 3025(Part 32)1988 (APHA 22 nd Ed.,2012,4500-Cl)	250	mg/L	62.9
24.	Chemical Oxygen Demand(COD)	IS 3025(Part 58)2006, (APHA 22 nd Ed.,2012,5220-B),	--	mg/L	20.3
25.	Total Kjeldhal Nitrogen (TKN)	APHA 22 nd Ed.,2012,4500 NH ₃ - B	--	mg/L	N.D.
26.	Ammonia as N	IS 3025(Part 34)1988, (APHA 22 nd Ed.,2012,4500 NH ₃ -B&C),	0.5	mg/L	N.D.
27.	Hardness	IS 3025(Part 21)2009,Amd.1	200	mg/L	178.6
28.	Calcium as Ca	APHA 22 nd Ed.,2012,3500 Ca.B)	75	mg/L	45.2
29.	Magnesium as Mg	APHA 22 nd Ed.,2012,3500 Mg.B	30	mg/L	16.0
30.	Sulphate as SO ₄	IS 3025(Part 24)1986	200	mg/L	10.6
31.	Sodium as Na	APHA 22 nd Ed.,2012,3500 Na,B	--	mg/L	37.9
32.	Total Dissolve Solids(TDS)	(APHA 22 nd Ed.,2012,2540- C), IS 3025(Part 16)1984	500	mg/L	388
33.	Total Fixed Solids(TFS)	IS 3025(Part 18)1984,Amd.1 (APHA 22 nd Ed.,2012,2540 -F),	--	mg/L	262
34.	Total Suspended Solids(TSS)	IS 3025(Part 17)1984,Amd.1 (APHA 22 nd Ed.,2012,2540 -D),	--	mg/L	N.D.
35.	Phosphate as PO ₄	(APHA 22 nd Ed.,2012,4500-P,D)	--	mg/L	1.7
36.	Ortho phosphate	(APHA 22 nd Ed.,2012,4500-P,D)	--	mg/L	N.D.
37.	Boron as B	--	0.5	mg/L	N.D.
38.	Potassium as K	APHA 22 nd Ed.,2012,3500 K,B	--	mg/L	2.7
39.	Fluoride as F	(APHA 22 nd Ed.,2012,4500 F,D)	1.0	mg/L	N.D.
40.	% Sodium(Na)	By Calculation	--	%	0.0038
41.	Sodium Absorbtion Ratio(SAR)	By Calculation	--	mg/L	6.85
42.	Total Alkalinity	IS 3025(Part 23)1986, Amd.2	200	mg/L	183.4
43.	P - Alkalinity	IS 3025(Part 23)1986, Amd.2	--	mg/L	9.7

TEST REPORT

Report No.	UERL /14/12/L-0305	Date Of Report	07/01/2015
Name & Address of Customer	M/s. Pollution Control Committee. U.T. of DD and DNH. Daman.	Station Code No.	A5
Sample Details	River Water (A5)	Sample Qty.	5 Lit.
Sampling Date	31/12/2014	Sample Received Date	31/12/2014
Sampled By	P.C.C. Hand Over to Us.	Appearance Of Sample	Colourless
Test Started Date	31/12/2014	Test Completion Date	06/01/2015
UERL Lab Sample ID.No. 14/12/L-0305			

TEST RESULTS

Sr. No.	Parameters	Test Method	Limit as per IS:10500:2012	Unit Of Measurement	Results
Pesticides:					
44.	Alpha BHC	US EPA 508-1995	Absent	ppb	Absent
45.	Beta BHC	US EPA 508-1995	Absent	ppb	Absent
46.	Gama BHC	US EPA 508-1995	Absent	ppb	Absent
47.	OP DDT	US EPA 508-1995	1	ppb	Absent
48.	PP DDT	US EPA 508-1995	1	ppb	Absent
49.	Alpha Endosulphan	US EPA 508-1995	0.4	ppb	Absent
50.	Beta Endosulphan	US EPA 508-1995	0.4	ppb	Absent
51.	Dieldrin	US EPA 508-1995	0.03	ppb	Absent
52.	2-4 D	US EPA 508-1995	30	ppb	Absent
53.	Aldrin	US EPA 508-1995	0.03	ppb	Absent
54.	Chloropyrifos.	US EPA 508-1995	30	ppb	Absent
55.	Carboryl (Carbamate)	US EPA 508-1995	Absent	ppb	Absent
56.	Methyl Parathin	US EPA 508-1995	0.3	ppb	Absent
57.	Anilophos	US EPA 508-1995	Absent	ppb	Absent
58.	Malathian	US EPA 508-1995	190	ppb	Absent

Note: BDL = Below Detection Limit, Turbidity = 0.1 = 5.47 NTU, Colour = 5(80) = 80 APHA, N.D. = Not Detected

***** End of Report *****

Tested By
(Signature)
(N.C.P.)
(Chemist)

Checked By
(Signature)
(N.B.T.)
(Sr. Chemist)

Authorized By
(Signature)
(Technical Manager)

TEST REPORT
(Microbiology)

Report No.	MICRO/14/09/L-0305	Date Of Report	07/01/2015
Name & Address of Customer	M/s. Pollution Control Committee. U.T. of DD and DNH, Daman.	Station Code No.	A ₅
Sample Details	River Water (A ₅)	Sample Qty.	250 ml
Sampling Date	31/12/2014	Sample Received Date	31/12/2014
Sampled By	P.C.C. Hand Over to Us.	Appearance Of Sample	Colorless
Test Started Date	01/01/2015	Test Completion Date	03/01/2015
UERL Lab Sample ID. No.	MIC/14/09/L-0305		

TEST RESULTS:

Sr. No.	Parameters	Test Method	Limit as per IS:10500-2012	Unit Of Measurement	Results
1	Total Coliform	APHA 22 nd Ed.2012,9222-B	Absent	CFU/100 ml	62
2	Faecal Coliform	APHA 22 nd Ed.2012,9222-D	Absent	CFU/100 ml	27


Remarks: The sample portion tested does / doesn't comply as per drinking water specifications.

Opinions and Interpretations: (if required)

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***** End of Report *****

Tested By


(Sneha A. Rana)
Microbiologist

Authorized By


Sr. Microbiologist

TEST REPORT

Report No.	UERL /14/12/L-0306	Date Of Report	07/01/2015
Name & Address of Customer	M/s. Pollution Control Committee. U.T. of DD and DNH. Daman.	Station Code No.	A6
Sample Details	River Water (A6)	Sample Qty.	5 Lit.
Sampling Date	31/12/2014	Sample Received Date	31/12/2014
Sampled By	P.C.C. Hand Over to Us.	Appearance Of Sample	Light Yellow
Test Started Date	31/12/2014	Test Completion Date	06/01/2015
UERL Lab Sample ID.No. 14/12/L-0306			

TEST RESULTS

Sr. No.	Parameters	Test Method	Limit as per IS:10500:2012	Unit Of Measurement	Results
1.	Colour	IS 3025(Part 4)1983	5	Hazen unit(APHA)	20(300)
2.	Odour	IS 3025(Part 5)1983	Unobjectionable	--	Unobjectionable
3.	Temperature	IS 3025(Part 9)1984	--	°C	30
4.	Dissolve Oxygen	IS 3025(Part 38)1989, (APHA 22 st Ed.,2012,4500-O,B),	--	mg/l.	7.2
5.	pH at 25 °C	IS 3025(Part 11)1983, (APHA 22 st Ed.,2012,4500-H'B)	6.5 - 8.5	Unit	8.04
6.	Conductivity at 25 °C	IS 3025(Part 14)1984	--	µs	2470
7.	Biochemical Oxygen Demand (BOD) (3 days at 27 °C)	IS 3025(Part 44)1993Amd.01	--	mg/l.	14
8.	Nitrate as N	(APHA 22 st Ed.,2012,4500 NO3-B)	45	mg/l.	1.3
9.	Nitrite- N	APHA 22 st Ed.,2012,4500NO ₂ B	--	mg/l.	0.014
10.	Arsenic as As	APHA 22 st Ed.,2012.,3114-C	0.01	mg/l.	N.D.
11.	Cadmium as Cd	IS 3025(Part 41)1992, (APHA 22 st Ed.,2012,3111-B)	0.003	mg/L	N.D.
12.	Copper as Cu	IS 3025(Part 42)1992amd.01, (APHA 22 st Ed.,2012,3111-B)	0.05	mg/L	0.012
13.	Lead as Pb	IS 3025(Part 47)1994Amd.02, (APHA 22 st Ed.,2012,3111-B)	0.01	mg/l.	N.D.
14.	Chromium as Cr	IS 3025(Part 52)2003, (APHA 22 st Ed.,2012,3111-B)	0.05	mg/L	N.D.
15.	Nickel as Ni	IS 3025(Part 54)2003, (APHA 22 st Ed.,2012,3111-B)	0.02	mg/L	0.031
16.	Zinc as Zn	IS 3025(Part 49)1994, (APHA 22 st Ed.,2012,3111-B)	5	mg/l.	0.023
17.	Mercury as Hg	(APHA 22 st Ed.,2012,3112-B)	0.001	mg/l.	N.D.
18.	Iron as Fe	IS 3025(Part 53)2003, (APHA 22 st Ed.,2012,3111-B)	0.3	mg/L	0.082
19.	Cyanide as CN	IS 3025(Part 27)1986	0.05	mg/L	N.D.
20.	Turbidity	IS 3025(Part 10)1984	1	NTU	1



TEST REPORT

Report No.	UERL /14/12/L-0306	Date Of Report	07/01/2015
Name & Address of Customer	M/s. Pollution Control Committee. U.T. of DD and DNH. Daman.	Station Code No.	A6
Sample Details	River Water (A6)	Sample Qty.	5 Lit.
Sampling Date	31/12/2014	Sample Received Date	31/12/2014
Sampled By	P.C.C. Hand Over to Us.	Appearance Of Sample	Light Yellow
Test Started Date	31/12/2014	Test Completion Date	06/01/2015
UERL Lab Sample ID.No. 14/12/L-0306			

TEST RESULTS

Sr. No.	Parameters	Test Method	Limit as per IS:10500:2012	Unit Of Measurement	Results
21.	Carbonate as CaCO ₃	IS 3025(Part 51)2001	--	mg/l.	17.4
22.	Bicarbonate as CaCO ₃	IS 3025(Part 51)2001	--	mg/L	179.5
23.	Chloride as Cl ⁻	IS 3025(Part 32)1988 (APHA 22 nd Ed.,2012,4500-Cl)	250	mg/L	684.6
24.	Chemical Oxygen Demand(COD)	IS 3025(Part 58)2006, (APHA 22 nd Ed.,2012,5220-B),	--	mg/L	44.6
25.	Total Kjeldhal Nitrogen (TKN)	APHA 22 nd Ed.,2012,4500 NH ₃ - B	--	mg/L	N.D.
26.	Ammonia as N	IS 3025(Part 34)1988, (APHA 22 nd Ed.,2012,4500 NH ₃ -B&C),	0.5	mg/L	N.D.
27.	Hardness	IS 3025(Part 21)2009,Amd.1	200	mg/L	376
28.	Calcium as Ca	APHA 22 nd Ed.,2012,3500 Ca.B)	75	mg/L	274.6
29.	Magnesium as Mg	APHA 22 nd Ed.,2012,3500 Mg.B	30	mg/L	60.3
30.	Sulphate as SO ₄	IS 3025(Part 24)1986	200	mg/L	154.6
31.	Sodium as Na	APHA 22 nd Ed.,2012,3500 Na,B	--	mg/L	197.7
32.	Total Dissolve Solids(TDS)	(APHA 22 nd Ed.,2012,2540- C), IS 3025(Part 16)1984	500	mg/L	1580
33.	Total Fixed Solids(TFS)	IS 3025(Part 18)1984,Amd.1 (APHA 22 nd Ed.,2012,2540 -E),	--	mg/L	1232
34.	Total Suspended Solids(TSS)	IS 3025(Part 17)1984,Amd.1 (APHA 22 nd Ed.,2012,2540 -D),	--	mg/L	104
35.	Phosphate as PO ₄	(APHA 22 nd Ed.,2012,4500-P,D)	--	mg/L	0.20
36.	Ortho phosphate	(APHA 22 nd Ed.,2012,4500-P,D)	--	mg/L	N.D.
37.	Boron as B	--	0.5	mg/L	0.1
38.	Potassium as K	APHA 22 nd Ed.,2012,3500 K,B	--	mg/L	2.1
39.	Fluoride as F	(APHA 22 nd Ed.,2012,4500 F,D)	1.0	mg/L	1.03
40.	% Sodium(Na)	By Calculation	--	%	0.0307
41.	Sodium Absorbtion Ratio(SAR)	By Calculation	--	mg/L	39.9
42.	Total Alkalinity	IS 3025(Part 23)1986, Amd.2	200	mg/L	135.1
43.	P- Alkalinity	IS 3025(Part 23)1986, Amd.2	--	mg/L	14.5

TEST REPORT

Report No.	UERL /14/12/L-0306	Date Of Report	07/01/2015
Name & Address of Customer	M/s. Pollution Control Committee. U.T. of DD and DNH. Daman.	Station Code No.	A6
Sample Details	River Water (A6)	Sample Qty.	5 Lit.
Sampling Date	31/12/2014	Sample Received Date	31/12/2014
Sampled By	P.C.C. Hand Over to Us.	Appearance Of Sample	Light Yellow
Test Started Date	31/12/2014	Test Completion Date	06/01/2015
UERL Lab Sample ID.No. 14/12/L-0306			

TEST RESULTS

Sr. No.	Parameters	Test Method	Limit as per IS:10500:2012	Unit Of Measurement	Results
Pesticides:					
44.	Alpha BHC	US EPA 508-1995	Absent	ppb	Absent
45.	Beta BHC	US EPA 508-1995	Absent	ppb	Absent
46.	Gama BHC	US EPA 508-1995	Absent	ppb	Absent
47.	OP DDT	US EPA 508-1995	1	ppb	Absent
48.	PP DDT	US EPA 508-1995	1	ppb	Absent
49.	Alpha Endosulphan	US EPA 508-1995	0.4	ppb	Absent
50.	Beta Endosulphan	US EPA 508-1995	0.4	ppb	Absent
51.	Dieldrin	US EPA 508-1995	0.03	ppb	Absent
52.	2-4 D	US EPA 508-1995	30	ppb	Absent
53.	Aldrin	US EPA 508-1995	0.03	ppb	Absent
54.	Chloropyrifos.	US EPA 508-1995	30	ppb	Absent
55.	Carboryl (Carbamate)	US EPA 508-1995	Absent	ppb	Absent
56.	Methyl Parathin	US EPA 508-1995	0.3	ppb	Absent
57.	Anilophos	US EPA 508-1995	Absent	ppb	Absent
58.	Malathian	US EPA 508-1995	190	ppb	Absent

Note: BDL = Below Detection Limit, Turbidity = 1= 10.4 NTU, Colour = 20(300) = 300 APHA, N.D. = Not Detected

***** End of Report *****

Tested By
[Signature]
(N.C.P.)
(Chemist)

Checked By
[Signature]
(N.B.T.)
(Sr. Chemist)

Authorized By
[Signature]
(Chemical Manager)

TEST REPORT (Microbiology)

Report No.	MICRO/14/12/L-0306	Date Of Report	07/01/2015
Name & Address of Customer	M/s. Pollution Control Committee. U.T. of DD and DNH, Daman.	Station Code No.	A ₆
Sample Details	River Water (A ₆)	Sample Qty.	250 ml
Sampling Date	31/12/2014	Sample Received Date	31/12/2014
Sampled By	P.C.C. Hand Over to Us.	Appearance Of Sample	Colorless
Test Started Date	01/01/2015	Test Completion Date	03/01/2015
UERL Lab Sample ID. No.	MIC/14/12/L-0306		

TEST RESULTS:

Sr. No.	Parameters	Test Method	Limit as per IS:10500-2012	Unit Of Measurement	Results
1	Total Coliform	APHA 22 nd Ed.2012,9222-B	Absent	CFU/100 ml	55
2	Faecal Coliform	APHA 22 nd Ed.2012,9222-D	Absent	CFU/100 ml	13


Remarks: The sample portion tested does / doesn't comply as per drinking water specifications.

Opinions and Interpretations: (if required)

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***** End of Report *****

Tested By


(Sneha A. Rana)
Microbiologist

Authorized By


Sr. Microbiologist

TEST REPORT

Report No.	UERL /14/12/L-0230	Date Of Report	30/12/2014
Name & Address of Customer	M/s. Pollution Control Committee. U.T. of DD and DNH. Daman.	Station Code No.	A3
Sample Details	River Water (A3)	Sample Qty.	5 + 2 Lit. + 250 ml.
Sampling Date	23/12/2014	Sample Received Date	23/12/2014
Sampled By	P.C.C. Hand Over to Us.	Appearance Of Sample	Colourless
Test Started Date	23/12/2014	Test Completion Date	29/12/2014
UERL Lab Sample ID.No. 14/12/L-0230			

TEST RESULTS

Sr. No.	Parameters	Test Method	Limit as per IS:10500:2012	Unit Of Measurement	Results
1.	Colour	IS 3025(Part 4)1983	5	Hazen unit(APHA)	1(10)
2.	Odour	IS 3025(Part 5)1983	Unobjectionable	--	Unobjectionable
3.	Temperature	IS 3025(Part 9)1984	--	°C	29
4.	Dissolve Oxygen	IS 3025(Part 38)1989, (APHA 22 st Ed.,2012,4500-O,B).	--	mg/L	7.3
5.	pH at 25 °C	IS 3025(Part 11)1983, (APHA 22 st Ed.,2012,4500-H ⁺ B)	6.5 - 8.5	Unit	7.37
6.	Conductivity at 25 °C	IS 3025(Part 14)1984	--	µs	373.1
7.	Biochemical Oxygen Demand (BOD) (3 days at 27 °C)	IS 3025(Part 44)1993Amd.01	--	mg/L	N.D.
8.	Nitrate as N	(APHA 22 st Ed.,2012,4500 NO3-B)	45	mg/L	N.D.
9.	Nitrite- N	APHA 22 st Ed.,2012,4500NO ₂ B	--	mg/L	BDL(<0.005)
10.	Arsenic as As	APHA 22 st Ed.,2012,,3114-C	0.01	mg/L	N.D.
11.	Cadmium as Cd	IS 3025(Part 41)1992, (APHA 22 st Ed.,2012,3111-B)	0.003	mg/L	N.D.
12.	Copper as Cu	IS 3025(Part 42)1992amd.01, (APHA 22 st Ed.,2012,3111-B)	0.05	mg/L	N.D.
13.	Lead as Pb	IS 3025(Part 47)1994Amd.02, (APHA 22 st Ed.,2012,3111-B)	0.01	mg/L	N.D.
14.	Chromium as Cr	IS 3025(Part 52)2003, (APHA 22 st Ed.,2012,3111-B)	0.05	mg/L	0.041
15.	Nickel as Ni	IS 3025(Part 54)2003, (APHA 22 st Ed.,2012,3111-B)	0.02	mg/L	0.078
16.	Zinc as Zn	IS 3025(Part 49)1994, (APHA 22 st Ed.,2012,3111-B)	5	mg/L	N.D.
17.	Mercury as Hg	(APHA 22 st Ed.,2012,3112-B)	0.001	mg/L	N.D.
18.	Iron as Fe	IS 3025(Part 53)2003, (APHA 22 st Ed.,2012,3111-B)	0.3	mg/L	N.D.
19.	Cyanide as CN	IS 3025(Part 27)1986	0.05	mg/L	N.D.
20.	Turbidity	IS 3025(Part 10)1984	1	NTU	BDL(<1.0)



TEST REPORT

Report No.	UERL /14/12/L-0230	Date Of Report	30/12/2014
Name & Address of Customer	M/s. Pollution Control Committee. U.T. of DD and DNH. Daman.	Station Code No.	A3
Sample Details	River Water (A3)	Sample Qty.	5 + 2 Lit. + 250 ml.
Sampling Date	23/12/2014	Sample Received Date	23/12/2014
Sampled By	P.C.C. Hand Over to Us.	Appearance Of Sample	Colourless
Test Started Date	23/12/2014	Test Completion Date	29/12/2014
UERL Lab Sample ID.No. 14/12/L-0230			

TEST RESULTS

Sr. No.	Parameters	Test Method	Limit as per IS:10500:2012	Unit Of Measurement	Results
21.	Carbonate as CaCO ₃	IS 3025(Part 51)2001	--	mg/L	N.D.
22.	Bicarbonate as CaCO ₃	IS 3025(Part 51)2001	--	mg/L	109.3
23.	Chloride as Cl ⁻	IS 3025(Part 32)1988 (APHA 22 nd Ed.,2012,4500-Cl)	250	mg/L	N.D.
24.	Chemical Oxygen Demand(COD)	IS 3025(Part 58)2006, (APHA 22 nd Ed.,2012,5220-B).	--	mg/L	N.D.
25.	Total Kjeldhal Nitrogen (TKN)	APHA 22 nd Ed.,2012,4500 NH ₃ - B	--	mg/L	N.D.
26.	Ammonia as N	IS 3025(Part 34)1988, (APHA 22 nd Ed.,2012,4500 NH ₃ -B&C),	0.5	mg/L	N.D.
27.	Hardness	IS 3025(Part 21)2009,Amd.1	200	mg/L	75.2
28.	Calcium as Ca	APHA 22 nd Ed.,2012,3500 Ca.B)	75	mg/L	18.8
29.	Magnesium as Mg	APHA 22 nd Ed.,2012,3500 Mg.B	30	mg/L	6.9
30.	Sulphate as SO ₄	IS 3025(Part 24)1986	200	mg/L	2.2
31.	Sodium as Na	APHA 22 nd Ed.,2012,3500 Na.B	--	mg/L	10.3
32.	Total Dissolve Solids(TDS)	(APHA 22 nd Ed.,2012,2540- C), IS 3025(Part 16)1984	500	mg/L	250
33.	Total Fixed Solids(TFS)	IS 3025(Part 18)1984,Amd.1 (APHA 22 nd Ed.,2012,2540 -E),	--	mg/L	220
34.	Total Suspended Solids(TSS)	IS 3025(Part 17)1984,Amd.1 (APHA 22 nd Ed.,2012,2540 -D).	--	mg/L	N.D.
35.	Phosphate as PO ₄	(APHA 22 nd Ed.,2012,4500-P,D)	--	mg/L	BDL(<0.1)
36.	Ortho phosphate	(APHA 22 nd Ed.,2012,4500-P,D)	--	mg/L	N.D.
37.	Boron as B	--	0.5	mg/L	N.D.
38.	Potassium as K	APHA 22 nd Ed.,2012,3500 K,B	--	mg/L	1.0
39.	Fluoride as F	(APHA 22 nd Ed.,2012,4500 F,D)	1.0	mg/L	0.18
40.	% Sodium (Na)	By Calculation	--	%	0.001
41.	Sodium Absorbion Ratio (SAR)	By Calculation	--	mg/L	2.9
42.	Total Alkalinity	IS 3025(Part 23)1986, Amd.2	200	mg/L	89.6
43.	P - Alkalinity	IS 3025(Part 23)1986, Amd.2	--	mg/L	N.D.



TEST REPORT

Report No.	UERL /14/12/L-0230	Date Of Report	30/12/2014
Name & Address of Customer	M/s. Pollution Control Committee. U.T. of DD and DNH, Daman.	Station Code No.	A3
Sample Details	River Water (A3)	Sample Qty.	5 + 2 Lit. + 250 ml.
Sampling Date	23/12/2014	Sample Received Date	23/12/2014
Sampled By	P.C.C. Hand Over to Us.	Appearance Of Sample	Colourless
Test Started Date	23/12/2014	Test Completion Date	29/12/2014
UERL Lab Sample ID.No. 14/12/L-0230			

TEST RESULTS

Sr. No.	Parameters	Test Method	Limit as per IS:10500:2012	Unit Of Measurement	Results
Pesticides:					
44.	Alpha BHC	US EPA 508-1995	Absent	ppb	Absent
45.	Beta BHC	US EPA 508-1995	Absent	ppb	Absent
46.	Gama BHC	US EPA 508-1995	Absent	ppb	Absent
47.	OP DDT	US EPA 508-1995	1	ppb	Absent
48.	PP DDT	US EPA 508-1995	1	ppb	Absent
49.	Alpha Endosulphan	US EPA 508-1995	0.4	ppb	Absent
50.	Beta Endosulphan	US EPA 508-1995	0.4	ppb	Absent
51.	Dieldrin	US EPA 508-1995	0.03	ppb	Absent
52.	2-4 D	US EPA 508-1995	30	ppb	Absent
53.	Aldrin	US EPA 508-1995	0.03	ppb	Absent
54.	Chloropyrifos.	US EPA 508-1995	30	ppb	Absent
55.	Carbaryl (Carbamate)	US EPA 508-1995	Absent	ppb	Absent
56.	Methyl Parathin	US EPA 508-1995	0.3	ppb	Absent
57.	Anilophos	US EPA 508-1995	Absent	ppb	Absent
58.	Malathian	US EPA 508-1995	190	ppb	Absent

Note: BDL = Below Detection Limit, Colour = 1(10) = 10 APHA, N.D. = Not Detected

***** End of Report *****

Tested By,
Jesal
(J.P.D.)
(Chemist)

Checked By
R. B. T.
(R.B.T.)
(Sr. Chemist)

Authorized By
[Signature]
(Technical Manager)

TEST REPORT
(Microbiology)

Report No.	MICRO/14/12/L-0230	Date Of Report	30/12/2014
Name & Address of Customer	M/s. Pollution Control Committee. U.T. of DD and DNH, Daman.	Station Code No.	
		A ₃	
Sample Details	River Water	Sample Qty.	250 ml
Sampling Date	23/12/2014	Sample Received Date	23/12/2014
Sampled By	P.C.C. Hand Over to Us.	Appearance Of Sample	Colourless
Test Started Date	24/12/2014	Test Completion Date	26/12/2014
UERL Lab Sample ID. No.	MIC/14/12/L-0230		

TEST RESULTS:

Sr. No.	Parameters	Test Method	Limit as per IS:10500-2012	Unit Of Measurement	Results
1	Total Coliform	APHA 22 nd Ed.2012,9222-B	Absent	CFU/100 ml	40
2	Faecal Coliform	APHA 22 nd Ed.2012,9222-D	Absent	CFU/100 ml	29

Remarks: The sample portion tested does / doesn't comply as per drinking water specifications.

Opinions and Interpretations: (if required)

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***** End of Report *****

Tested By

S.A. Rana

(Sneha A. Rana)

Jr. Microbiologist

Authorized By

Plakang

Sr. Microbiologist

TEST REPORT

Report No.	UERL /14/12/L-0229	Date Of Report	30/12/2014
Name & Address of Customer	M/s. Pollution Control Committee. U.T. of DD and DNH. Daman.	Station Code No.	A8
Sample Details	River Water (A8)	Sample Qty.	5 + 2 Lit. + 250 ml.
Sampling Date	23/12/2014	Sample Received Date	23/12/2014
Sampled By	P.C.C. Hand Over to Us.	Appearance Of Sample	Slightly yellow
Test Started Date	23/12/2014	Test Completion Date	29/12/2014
UERL Lab Sample ID.No. 14/12/L-0229			

TEST RESULTS

Sr. No.	Parameters	Test Method	Limit as per IS:10500:2012	Unit Of Measurement	Results
1.	Colour	IS 3025(Part 4)1983	5	Hazen unit(APHA)	10(200)
2.	Odour	IS 3025(Part 5)1983	Unobjectionable	--	Unobjectionable
3.	Temperature	IS 3025(Part 9)1984	--	°C	29
4.	Dissolve Oxygen	IS 3025(Part 38)1989, (APHA 22 st Ed.,2012,4500-O,B),	--	mg/L	6.3
5.	pH at 25 °C	IS 3025(Part 11)1983, (APHA 22 st Ed.,2012,4500-II'B)	6.5 - 8.5	Unit	7.83
6.	Conductivity at 25 °C	IS 3025(Part 14)1984	--	µs	47510
7.	Biochemical Oxygen Demand (BOD) (3 days at 27 °C)	IS 3025(Part 44)1993Amd.01	--	mg/L	128
8.	Nitrate as N	(APHA 22 st Ed.,2012,4500 NO3-B)	45	mg/L	2.3
9.	Nitrite- N	APHA 22 st Ed.,2012,4500NO ₂ B	--	mg/L	1.2
10.	Arsenic as As	APHA 22 st Ed.,2012,3114-C	0.01	mg/L	N.D.
11.	Cadmium as Cd	IS 3025(Part 41)1992, (APHA 22 st Ed.,2012,3111-B)	0.003	mg/L	0.116
12.	Copper as Cu	IS 3025(Part 42)1992amd.01, (APHA 22 st Ed.,2012,3111-B)	0.05	mg/L	0.055
13.	Lead as Pb	IS 3025(Part 47)1994Amd.02, (APHA 22 st Ed.,2012,3111-B)	0.01	mg/L	N.D.
14.	Chromium as Cr	IS 3025(Part 52)2003, (APHA 22 st Ed.,2012,3111-B)	0.05	mg/L	0.104
15.	Nickel as Ni	IS 3025(Part 54)2003, (APHA 22 st Ed.,2012,3111-B)	0.02	mg/l.	0.635
16.	Zinc as Zn	IS 3025(Part 49)1994, (APHA 22 st Ed.,2012,3111-B)	5	mg/L	0.102
17.	Mercury as Hg	(APHA 22 st Ed.,2012,3112-B)	0.001	mg/L	N.D.
18.	Iron as Fe	IS 3025(Part 53)2003, (APHA 22 st Ed.,2012,3111-B)	0.3	mg/L	0.360
19.	Cyanide as CN	IS 3025(Part 27)1986	0.05	mg/L	N.D.
20.	Turbidity	IS 3025(Part 10)1984	1	NTU	1



TEST REPORT

Report No.	UERL /14/12/L-0229	Date Of Report	30/12/2014
Name & Address of Customer	M/s. Pollution Control Committee. U.T. of DD and DNH. Daman.	Station Code No.	A8
Sample Details	River Water (A8)	Sample Qty.	5 + 2 Lit. + 250 ml.
Sampling Date	23/12/2014	Sample Received Date	23/12/2014
Sampled By	P.C.C. Hand Over to Us.	Appearance Of Sample	Slightly yellow
Test Started Date	23/12/2014	Test Completion Date	29/12/2014
UERL Lab Sample ID.No. 14/12/L-0229			

TEST RESULTS

Sr. No.	Parameters	Test Method	Limit as per IS:10500:2012	Unit Of Measurement	Results
21.	Carbonate as CaCO ₃	IS 3025(Part 51)2001	--	mg/L	17.9
22.	Bicarbonate as CaCO ₃	IS 3025(Part 51)2001	--	mg/L	200.3
23.	Chloride as Cl ⁻	IS 3025(Part 32)1988 (APHA 22 nd Ed.,2012,4500-Cl)	250	mg/L	1564.4
24.	Chemical Oxygen Demand(COD)	IS 3025(Part 58)2006, (APHA 22 nd Ed.,2012,5220-B).	--	mg/l.	397.2
25.	Total Kjeldhal Nitrogen (TKN)	APHA 22 nd Ed.,2012,4500 NH ₃ - B	--	mg/L	N.D.
26.	Ammonia as N	IS 3025(Part 34)1988, (APHA 22 nd Ed.,2012,4500 NH ₃ -B&C).	0.5	mg/L	N.D.
27.	Hardness	IS 3025(Part 21)2009.Amd.1	200	mg/L	5358
28.	Calcium as Ca	APHA 22 nd Ed.,2012,3500 Ca.B)	75	mg/L	376.7
29.	Magnesium as Mg	APHA 22 nd Ed.,2012,3500 Mg.B	30	mg/l.	1073.6
30.	Sulphate as SO ₄	IS 3025(Part 24)1986	200	mg/L	2159
31.	Sodium as Na	APHA 22 nd Ed.,2012,3500 Na,B	--	mg/L	5970
32.	Total Dissolve Solids(TDS)	(APHA 22 nd Ed.,2012,2540 -C), IS 3025(Part 16)1984	500	mg/l.	31830
33.	Total Fixed Solids(TFS)	IS 3025(Part 18)1984.Amd.1 (APHA 22 nd Ed.,2012,2540 -E).	--	mg/l.	26880
34.	Total Suspended Solids(TSS)	IS 3025(Part 17)1984.Amd.1 (APHA 22 nd Ed.,2012,2540 -D).	--	mg/L	620
35.	Phosphate as PO ₄	(APHA 22 nd Ed.,2012,4500-P,D)	--	mg/L	0.35
36.	Ortho phosphate	(APHA 22 nd Ed.,2012,4500-P,D)	--	mg/L	N.D.
37.	Boron as B	--	0.5	mg/L	1.2
38.	Potassium as K	APHA 22 nd Ed.,2012,3500 K.B	--	mg/l.	188
39.	Fluoride as F ⁻	(APHA 22 nd Ed.,2012,4500 F.D)	1.0	mg/L	6.2
40.	% Sodium(Na)	By Calculation	--	%	0.597
41.	Sodium Absorbion Ratio(SAR)	By Calculation	--	mg/L	222
42.	Total Alkalinity	IS 3025(Part 23)1986, Amd.2	200	mg/L	179.1
43.	P - Alkalinity	IS 3025(Part 23)1986, Amd.2	--	mg/L	14.9



TEST REPORT

Report No.	UERL /14/12/L-0229	Date Of Report	30/12/2014
Name & Address of Customer	M/s. Pollution Control Committee. U.T. of DD and DNH. Daman.	Station Code No.	A8
Sample Details	River Water (A8)	Sample Qty.	5 + 2 Lit. + 250 ml.
Sampling Date	23/12/2014	Sample Received Date	23/12/2014
Sampled By	P.C.C. Hand Over to Us.	Appearance Of Sample	Slightly yellow
Test Started Date	23/12/2014	Test Completion Date	29/12/2014
UERL Lab Sample ID.No. 14/12/L-0229			

TEST RESULTS

Sr. No.	Parameters	Test Method	Limit as per IS:10500:2012	Unit Of Measurement	Results
Pesticides:					
44.	Alpha BHC	US EPA 508-1995	Absent	ppb	Absent
45.	Beta BHC	US EPA 508-1995	Absent	ppb	Absent
46.	Gama BHC	US EPA 508-1995	Absent	ppb	Absent
47.	OP DDT	US EPA 508-1995	1	ppb	Absent
48.	PP DDT	US EPA 508-1995	1	ppb	Absent
49.	Alpha Endosulphan	US EPA 508-1995	0.4	ppb	Absent
50.	Beta Endosulphan	US EPA 508-1995	0.4	ppb	Absent
51.	Dieldrin	US EPA 508-1995	0.03	ppb	Absent
52.	2-4 D	US EPA 508-1995	30	ppb	Absent
53.	Aldrin	US EPA 508-1995	0.03	ppb	Absent
54.	Chloropyrifos.	US EPA 508-1995	30	ppb	Absent
55.	Carbaryl (Carbamate)	US EPA 508-1995	Absent	ppb	Absent
56.	Methyl Parathin	US EPA 508-1995	0.3	ppb	Absent
57.	Anilophos	US EPA 508-1995	Absent	ppb	Absent
58.	Malathian	US EPA 508-1995	190	ppb	Absent

Note: BDL = Below Detection Limit, Turbidity = 1 = 10.1 NTU, Colour = 5(80) = 80 APHA, N.D. = Not Detected

***** End of Report *****

Tested By
Jesai
(J.P.D.)
(Chemist)

Checked By
M.B.T.
(M.B.T.)
(Sr. Chemist)

Authorized By
M.S. Parag
(M.S. Parag)
(Technical Manager)
UERL/CHM/F-2/02

TEST REPORT
(Microbiology)

Report No.	MICRO/14/12/0229	Date Of Report	30/12/2014
Name & Address of Customer	M/s. Pollution Control Committee. U.T. of DD and DNH, Daman.	Station Code No.	A ₈
Sample Details	River Water	Sample Qty.	250 ml
Sampling Date	23/12/2014	Sample Received Date	23/12/2014
Sampled By	P.C.C. Hand Over to Us.	Appearance Of Sample	Brown color
Test Started Date	24/12/2014	Test Completion Date	26/12/2014
UERL Lab Sample ID. No.	MIC/14/12/0229		

TEST RESULTS:

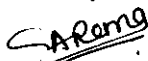
Sr. No.	Parameters	Test Method	Limit as per IS:10500-2012	Unit Of Measurement	Results
1	Total Coliform	APHA 22 nd Ed.2012,9222-B	Absent	CFU/100 ml	82
2	Faecal Coliform	APHA 22 nd Ed.2012,9222-D	Absent	CFU/100 ml	37

Remarks: The sample portion tested does / doesn't comply as per drinking water specifications.

Opinions and Interpretations: (if required)

***** End of Report *****

Tested By


(Sneha A. Rana)
Jr. Microbiologist

Authorized By


Sr. Microbiologist

TEST REPORT

Report No.	UERL /14/11/L-0203	Date Of Report	06/12/2014
Name & Address of Customer	M/s. Pollution Control Committee. U.T. of DD and DNH. Daman.	Station Code No.	A3
Sample Details	River Water (A3)	Sample Qty.	5 + 2 Lit. + 250 ml.
Sampling Date	28/11/2014	Sample Received Date	28/11/2014
Sampled By	P.C.C. Hand Over to Us.	Appearance Of Sample	Colourless
Test Started Date	28/11/2014	Test Completion Date	05/12/2014
UERL Lab Sample ID.No. 14/11/L-0203			

TEST RESULTS

Sr. No.	Parameters	Test Method	Limit as per IS:10500:2012	Unit Of Measurement	Results
1.	Colour	IS 3025(Part 4)1983	5 Hazen unit	Hazen unit	1(10)
2.	Odour	IS 3025(Part 5)1983	Unobjectionable	--	Unobjectionable
3.	Temperature	IS 3025(Part 9)1984	--	°C	30
4.	Dissolve Oxygen	IS 3025(Part 38)1989, (APHA 22 st Ed.,2012,4500-O,B),	--	mg/l.	7.2
5.	pH at 25 °C	IS 3025(Part 11)1983, (APHA 22 st Ed.,2012,4500-H*B)	6.5 - 8.5	Unit	7.90
6.	Conductivity at 25 °C	IS 3025(Part 14)1984	--	µs	127.6
7.	Biochemical Oxygen Demand (BOD) (3 days at 27 °C)	IS 3025(Part 44)1993Amd.01	--	mg/L	N.D.
8.	Nitrate as N	(APHA 22 st Ed.,2012,4500 NO3-B)	45	mg/L	N.D.
9.	Nitrite- N	APHA 22 st Ed.,2012,4500NO ₂ B	--	mg/L	0.006
10.	Arsenic as As	APHA 22 st Ed.,2012.,3114-C	0.01	mg/L	N.D.
11.	Cadmium as Cd	IS 3025(Part 41)1992, (APHA 22 st Ed.,2012,3111-B)	0.003	mg/L	0.003
12.	Copper as Cu	IS 3025(Part 42)1992amd.01, (APHA 22 st Ed.,2012,3111-B)	0.05	mg/l.	0.002
13.	Lead as Pb	IS 3025(Part 47)1994Amd.02, (APHA 22 st Ed.,2012,3111-B)	0.01	mg/L	N.D.
14.	Chromium as Cr	IS 3025(Part 52)2003, (APHA 22 st Ed.,2012,3111-B)	0.05	mg/L	N.D.
15.	Nickel as Ni	IS 3025(Part 54)2003, (APHA 22 st Ed.,2012,3111-B)	0.02	mg/l.	N.D.
16.	Zinc as Zn	IS 3025(Part 49)1994, (APHA 22 st Ed.,2012,3111-B)	5	mg/L	0.004
17.	Mercury as Hg	(APHA 22 st Ed.,2012,3112-B)	0.001	mg/L	N.D.
18.	Iron as Fe	IS 3025(Part 53)2003, (APHA 22 st Ed.,2012,3111-B)	0.3	mg/L	0.008
19.	Cyanide as CN	IS 3025(Part27)1986	0.05	mg/L	N.D.
20.	Turbidity	IS 3025(Part 10)1984	1	NTU	BDL(<1.0)



TEST REPORT

Report No.	UERL /14/11/L-0203	Date Of Report	06/12/2014
Name & Address of Customer	M/s. Pollution Control Committee. U.T. of DD and DNH. Daman.	Station Code No.	A3
Sample Details	River Water (A3)	Sample Qty.	5 + 2 Lit. + 250 ml.
Sampling Date	28/11/2014	Sample Received Date	28/11/2014
Sampled By	P.C.C. Hand Over to Us.	Appearance Of Sample	Colourless
Test Started Date	28/11/2014	Test Completion Date	05/12/2014
UERL Lab Sample ID.No. 14/11/L-0203			

TEST RESULTS

Sr. No.	Parameters	Test Method	Limit as per IS:10500:2012	Unit Of Measurement	Results
21.	Carbonate as CaCO ₃	IS 3025(Part 51)2001	--	mg/L	N.D.
22.	Bicarbonate as CaCO ₃	IS 3025(Part 51)2001	--	mg/L	80.1
23.	Chloride as Cl ⁻	IS 3025(Part 32)1988 (APHA 22 nd Ed.,2012,4500-Cl)	250	mg/L	N.D.
24.	Chemical Oxygen Demand(COD)	IS 3025(Part 58)2006, (APHA 22 nd Ed.,2012,5220-B).	--	mg/l.	N.D.
25.	Total Kjeldhal Nitrogen (TKN)	APHA 22 nd Ed.,2012,4500 NH ₃ - B	--	mg/L	N.D.
26.	Ammonia as N	IS 3025(Part 34)1988. (APHA 22 nd Ed.,2012,4500 NH ₃ -B&C).	0.5	mg/L	N.D.
27.	Hardness	IS 3025(Part 21)2009,Amd.1	200	mg/l.	66
28.	Calcium as Ca	APHA 22 nd Ed.,2012,3500 Ca.B)	75	mg/L	17.6
29.	Magnesium as Mg	APHA 22 nd Ed.,2012.3500 Mg.B	30	mg/L	5.3
30.	Sulphate as SO ₄	IS 3025(Part 24)1986	200	mg/L	5.3
31.	Sodium as Na	APHA 22 nd Ed.,2012.3500 Na.B	--	mg/L	7.2
32.	Total Dissolve Solids(TDS)	(APHA 22 nd Ed.,2012.2540- C), IS 3025(Part 16)1984	500	mg/L	196
33.	Total Fixed Solids(TFS)	IS 3025(Part 18)1984,Amd.1 (APHA 22 nd Ed.,2012,2540 -E),	--	mg/l.	172
34.	Total Suspended Solids(TSS)	IS 3025(Part 17)1984,Amd.1 (APHA 22 nd Ed.,2012,2540 -D).	--	mg/L	N.D.
35.	Phosphate as PO ₄	(APHA 22 nd Ed.,2012,4500-P.D)	--	mg/L	N.D.
36.	Ortho phosphate	(APHA 22 nd Ed.,2012,4500-P.D)	--	mg/L	N.D.
37.	Boron as B	--	0.5	mg/L	N.D.
38.	Potassium as K	APHA 22 nd Ed.,2012,3500 K,B	--	mg/l.	0.9
39.	Fluoride as F	(APHA 22 nd Ed.,2012,4500 F.D)	1.0	mg/l.	N.D.
40.	% Sodium (Na)	By Calculation	--	%	0.0007
41.	Sodium Absorbtion Ratio (SAR)	By Calculation	--	mg/l.	2.13
42.	Total Alkalinity	IS 3025(Part 23)1986. Amd.2	200	mg/L	65.7
43.	P - Alkalinity	IS 3025(Part 23)1986, Amd.2	--	mg/L	N.D.



TEST REPORT

Report No.	UERL /14/11/L-0203	Date Of Report	06/12/2014
Name & Address of Customer	M/s. Pollution Control Committee. U.T. of DD and DNH. Daman.	Station Code No.	A3
Sample Details	River Water (A3)	Sample Qty.	5 + 2 Lit. + 250 ml.
Sampling Date	28/11/2014	Sample Received Date	28/11/2014
Sampled By	P.C.C. Hand Over to Us.	Appearance Of Sample	Colourless
Test Started Date	28/11/2014	Test Completion Date	05/12/2014
UERL Lab Sample ID.No. 14/11/L-0203			

TEST RESULTS

Sr. No.	Parameters	Test Method	Limit as per IS:10500:2012	Unit Of Measurement	Results
Pesticides:					
44.	Alpha BHC	US EPA 508-1995	Absent	ppb	Absent
45.	Beta BHC	US EPA 508-1995	Absent	ppb	Absent
46.	Gamma BHC	US EPA 508-1995	Absent	ppb	Absent
47.	OP DDT	US EPA 508-1995	1	ppb	Absent
48.	PP DDT	US EPA 508-1995	1	ppb	Absent
49.	Alpha Endosulphan	US EPA 508-1995	0.4	ppb	Absent
50.	Beta Endosulphan	US EPA 508-1995	0.4	ppb	Absent
51.	Dieldrin	US EPA 508-1995	0.03	ppb	Absent
52.	2-4 D	US EPA 508-1995	30	ppb	Absent
53.	Aldrin	US EPA 508-1995	0.03	ppb	Absent
54.	Chloropyrifos.	US EPA 508-1995	30	ppb	Absent
55.	Carbaryl (Carbamate)	US EPA 508-1995	Absent	ppb	Absent
56.	Methyl Parathin	US EPA 508-1995	0.3	ppb	Absent
57.	Anilophos	US EPA 508-1995	Absent	ppb	Absent
58.	Malathian	US EPA 508-1995	190	ppb	Absent

Note: BDL = Below Detection Limit, Colour = 1(10) = 10 Hazen Unit, N.D. = Not Detected

***** End of Report *****

Tested By
J.P.D.
(J.P.D.)
(Chemist)

Checked By
H.B.T.
(H.B.T.)
(Sr. Chemist)

Authorized By
[Signature]
(Technical Manager)

TEST REPORT (Microbiology)

Report No.	MICRO/14/11/L-0203	Date Of Report	05/12/2014
Name & Address of Customer	M/s. Pollution Control Committee. U.T. of DD and DNH, Daman.	Station Code No.	
		A₃	
Sample Details	River Water	Sample Qty.	250 ml
Sampling Date	28/11/2014	Sample Received Date	28/11/2014
Sampled By	P.C.C. Hand Over to Us.	Appearance Of Sample	Colorless
Test Started Date	29/11/2014	Test Completion Date	01/12/2014
UERL Lab Sample ID. No.	MIC/14/11/L-0203		

TEST RESULTS:

Sr. No.	Parameters	Test Method	Limit as per IS:10500-2012	Unit Of Measurement	Results
1	Total Coliform	APHA 22 nd Ed.2012,9222-B	Absent	CFU/100 ml	26
2	Faecal Coliform	APHA 22 nd Ed.2012,9222-D	Absent	CFU/100 ml	12

Remarks: The sample portion tested does / doesn't comply as per drinking water specifications.

Opinions and Interpretations: (if required)

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***** End of Report *****

Tested By



(Sneha A. Rana)
Jr. Microbiologist

Authorized By



Sr. Microbiologist

TEST REPORT

Report No.	UERL /14/11/L-0202	Date Of Report	06/12/2014
Name & Address of Customer	M/s. Pollution Control Committee. U.T. of DD and DNH. Daman.	Station Code No.	A8
Sample Details	River Water (A8)	Sample Qty.	5 + 2 Lit. + 250 ml.
Sampling Date	28/11/2014	Sample Received Date	28/11/2014
Sampled By	P.C.C. Hand Over to Us.	Appearance Of Sample	Dusty Colour
Test Started Date	28/11/2014	Test Completion Date	05/12/2014
UERL Lab Sample ID.No. 14/11/L-0202			

TEST RESULTS

Sr. No.	Parameters	Test Method	Limit as per IS:10500:2012	Unit Of Measurement	Results
1.	Colour	IS 3025(Part 4)1983	5 Hazen unit	Hazen unit	5(80)
2.	Odour	IS 3025(Part 5)1983	Unobjectionable	--	Unobjectionable
3.	Temperature	IS 3025(Part 9)1984	--	°C	30
4.	Dissolve Oxygen	IS 3025(Part 38)1989, (APHA 22 nd Ed.,2012.4500-O,B).	--	mg/L	4.8
5.	pH at 25 °C	IS 3025(Part 11)1983, (APHA 22 nd Ed.,2012.4500-H'B)	6.5 - 8.5	Unit	7.50
6.	Conductivity at 25 °C	IS 3025(Part 14)1984	--	µs	11820
7.	Biochemical Oxygen Demand (BOD) (3 days at 27 °C)	IS 3025(Part 44)1993Amd.01	--	mg/L	73
8.	Nitrate as N	(APHA 22 nd Ed.,2012.4500 NO3-B)	45	mg/L	1.4
9.	Nitrite- N	APHA 22 nd Ed.,2012.4500NO ₂ B	--	mg/L	1.25
10.	Arsenic as As	APHA 22 nd Ed.,2012.,3114-C	0.01	mg/L	N.D.
11.	Cadmium as Cd	IS 3025(Part 41)1992, (APHA 22 nd Ed.,2012.3111-B)	0.003	mg/L	0.060
12.	Copper as Cu	IS 3025(Part 42)1992amd.01, (APHA 22 nd Ed.,2012,3111-B)	0.05	mg/L	0.041
13.	Lead as Pb	IS 3025(Part 47)1994Amd.02, (APHA 22 nd Ed.,2012,3111-B)	0.01	mg/L	N.D.
14.	Chromium as Cr	IS 3025(Part 52)2003, (APHA 22 nd Ed.,2012,3111-B)	0.05	mg/L	0.089
15.	Nickel as Ni	IS 3025(Part 54)2003, (APHA 22 nd Ed.,2012,3111-B)	0.02	mg/L	0.165
16.	Zinc as Zn	IS 3025(Part 49)1994, (APHA 22 nd Ed.,2012,3111-B)	5	mg/L	0.043
17.	Mercury as Hg	(APHA 22 nd Ed.,2012,3112-B)	0.001	mg/L	N.D.
18.	Iron as Fe	IS 3025(Part 53)2003, (APHA 22 nd Ed.,2012,3111-B)	0.3	mg/L	0.162
19.	Cyanide as CN	IS 3025(Part 27)1986	0.05	mg/L	N.D.
20.	Turbidity	IS 3025(Part 10)1984	1	NTU	BDL(<1.0)



TEST REPORT

Report No.	UERL /14/11/L-0202	Date Of Report	06/12/2014
Name & Address of Customer	M/s. Pollution Control Committee. U.T. of DD and DNH. Daman.	Station Code No.	A8
Sample Details	River Water (A8)	Sample Qty.	5 + 2 Lit. + 250 ml.
Sampling Date	28/11/2014	Sample Received Date	28/11/2014
Sampled By	P.C.C. Hand Over to Us.	Appearance Of Sample	Dusty Colour
Test Started Date	28/11/2014	Test Completion Date	05/12/2014
UERL Lab Sample ID.No. 14/11/L-0202			

TEST RESULTS

Sr. No.	Parameters	Test Method	Limit as per IS:10500:2012	Unit Of Measurement	Results
21.	Carbonate as CaCO ₃	IS 3025(Part 51)2001	--	mg/L	N.D.
22.	Bicarbonate as CaCO ₃	IS 3025(Part 51)2001	--	mg/L	178.7
23.	Chloride as Cl ⁻	IS 3025(Part 32)1988 (APHA 22 nd Ed.,2012,4500-Cl)	250	mg/L	10023.3
24.	Chemical Oxygen Demand(COD)	IS 3025(Part 58)2006, (APHA 22 nd Ed.,2012,5220-B),	--	mg/L	228.8
25.	Total Kjeldhal Nitrogen (TKN)	APHA 22 nd Ed.,2012,4500 NH ₃ - B	--	mg/L	N.D.
26.	Ammonia as N	IS 3025(Part 34)1988, (APHA 22 nd Ed.,2012,4500 NH ₃ -B&C).	0.5	mg/L	N.D.
27.	Hardness	IS 3025(Part 21)2009,Amd.1	200	mg/L	3450
28.	Calcium as Ca	APHA 22 nd Ed.,2012,3500 Ca,B)	75	mg/L	328.7
29.	Magnesium as Mg	APHA 22 nd Ed.,2012,3500 Mg,B	30	mg/L	639.1
30.	Sulphate as SO ₄	IS 3025(Part 24)1986	200	mg/L	1368
31.	Sodium as Na	APHA 22 nd Ed.,2012,3500 Na,B	--	mg/L	4730
32.	Total Dissolve Solids(TDS)	(APHA 22 nd Ed.,2012,2540- C), IS 3025(Part 16)1984	500	mg/L	20264
33.	Total Fixed Solids(TFS)	IS 3025(Part 18)1984,Amd.1 (APHA 22 nd Ed.,2012,2540 -E).	--	mg/L	17112
34.	Total Suspended Solids(TSS)	IS 3025(Part 17)1984,Amd.1 (APHA 22 nd Ed.,2012,2540 -D).	--	mg/L	292
35.	Phosphate as PO ₄	(APHA 22 nd Ed.,2012,4500-P,D)	--	mg/L	0.21
36.	Ortho phosphate	(APHA 22 nd Ed.,2012,4500-P,D)	--	mg/L	N.D.
37.	Boron as B	--	0.5	mg/L	0.9
38.	Potassium as K	APHA 22 nd Ed.,2012,3500 K,B	--	mg/L	146
39.	Fluoride as F	(APHA 22 nd Ed.,2012,4500 F,D)	1.0	mg/L	0.74
40.	% Sodium(Na)	By Calculation	--	%	0.473
41.	Sodium Absorbion Ratio(SAR)	By Calculation	--	mg/L	215
42.	Total Alkalinity	IS 3025(Part 23)1986, Amd.2	200	mg/L	146.4
43.	P - Alkalinity	IS 3025(Part 23)1986, Amd.2	--	mg/L	N.D.

TEST REPORT

Report No.	UERL /14/11/L-0202	Date Of Report	06/12/2014
Name & Address of Customer	M/s. Pollution Control Committee. U.T. of DD and DNH. Daman.	Station Code No.	A3
Sample Details	River Water (A8)	Sample Qty.	5 + 2 Lit. + 250 ml.
Sampling Date	28/11/2014	Sample Received Date	28/11/2014
Sampled By	P.C.C. Hand Over to Us.	Appearance Of Sample	Dusty Colour
Test Started Date	28/11/2014	Test Completion Date	05/12/2014
UERL Lab Sample ID.No. 14/11/L-0202			

TEST RESULTS

Sr. No.	Parameters	Test Method	Limit as per IS:10500:2012	Unit Of Measurement	Results
Pesticides:					
44.	Alpha BHC	US EPA 508-1995	Absent	ppb	Absent
45.	Beta BHC	US EPA 508-1995	Absent	ppb	Absent
46.	Gama BHC	US EPA 508-1995	Absent	ppb	Absent
47.	OP DDT	US EPA 508-1995	1	ppb	Absent
48.	PP DDT	US EPA 508-1995	1	ppb	Absent
49.	Alpha Endosulphan	US EPA 508-1995	0.4	ppb	Absent
50.	Beta Endosulphan	US EPA 508-1995	0.4	ppb	Absent
51.	Dieldrin	US EPA 508-1995	0.03	ppb	Absent
52.	2-4 D	US EPA 508-1995	30	ppb	Absent
53.	Aldrin	US EPA 508-1995	0.03	ppb	Absent
54.	Chloropyrifos.	US EPA 508-1995	30	ppb	Absent
55.	Carbaryl (Carbamate)	US EPA 508-1995	Absent	ppb	Absent
56.	Methyl Parathin	US EPA 508-1995	0.3	ppb	Absent
57.	Anilophos	US EPA 508-1995	Absent	ppb	Absent
58.	Malathian	US EPA 508-1995	190	ppb	Absent

Note: BDL = Below Detection Limit, Colour = 5(80) = 80 Hazen Unit, N.D. = Not Detected

***** End of Report *****

Tested By,
Jesli
(J.P.D.)
(Chemist)

Checked By
P. B. T.
(Sr. Chemist)

Authorized By
[Signature]
(Technical Manager)

TEST REPORT (Microbiology)

Report No.	MICRO/14/11/L-0202	Date Of Report	05/12/2014
Name & Address of Customer	M/s. Pollution Control Committee.	Station Code No.	
	U.T. of DD and DNH, Daman.	A ₈	
Sample Details	River Water	Sample Qty.	250 ml
Sampling Date	28/11/2014	Sample Received Date	28/11/2014
Sampled By	P.C.C. Hand Over to Us.	Appearance Of Sample	Colorless
Test Started Date	29/11/2014	Test Completion Date	01/12/2014
UERL Lab Sample ID. No.	MIC/14/11/L-0202		

TEST RESULTS:

Sr. No.	Parameters	Test Method	Limit as per IS:10500-2012	Unit Of Measurement	Results
1	Total Coliform	APHA 22 nd Ed.2012,9222-B	Absent	CFU/100 ml	20
2	Faecal Coliform	APHA 22 nd Ed.2012,9222-D	Absent	CFU/100 ml	05

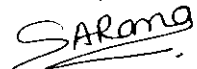
Remarks: The sample portion tested does / doesn't comply as per drinking water specifications.

Opinions and Interpretations: (if required)

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***** End of Report *****

Tested By


(Sneha A. Rana)
Jr. Microbiologist

Authorized By


Sr. Microbiologist

TEST REPORT

Report No.	UERL /14/10/L-0198	Date Of Report	05/11/2014
Name & Address of Customer	M/s. Pollution Control Committee, U.T. of DD and DNH, Daman.	Station Code No.	A3
Sample Details		Sample Qty.	5 + 2 Lit. + 250 ml.
Sampling Date	31/10/2014	Sample Received Date	31/10/2014
Sampled By	P.C.C. Hand Over to Us.	Appearance Of Sample	Colourless
Test Started Date	31/10/2014	Test Completion Date	05/11/2014
UERL Lab Sample ID.No. 14/10/L-0198			

TEST RESULTS

Sr. No.	Parameters	Test Method	Limit as per IS:10500:2012	Unit Of Measurement	Results
1.	Colour	IS 3025(Part 4)1983	5 Hazen unit	Hazen unit	1(10)
2.	Odour	IS 3025(Part 5)1983	Unobjectionable	--	Unobjectionable
3.	Temperature	IS 3025(Part 9)1984	--	^o C	32
4.	Dissolve Oxygen	IS 3025(Part 38)1989, (APHA 22 nd Ed.,2012,4500-O,B).	--	mg/L.	5.22
5.	pH at 25 ^o C	IS 3025(Part 11)1983, (APHA 22 nd Ed.,2012,4500-H*B)	6.5 - 8.5	Unit	7.30
6.	Conductivity at 25 ^o C	IS 3025(Part 14)1984	--	μ s	170.8
7.	BOD (3 days at 27 ^o C)	IS 3025(Part 44)1993Amd.01	--	mg/L.	BDL
8.	Nitrate as N	(APHA 22 nd Ed.,2012,4500 NO3-B)	45	mg/L.	0.2
9.	Nitrite- N	APHA 22 nd Ed.,2012,4500NO ₂ -B	--	mg/L.	BDL
10.	Arsenic	APHA 22 nd Ed.,2012,3111-C	0.01	mg/L.	N.D.
11.	Cadmium	IS 3025(Part 41)1992, (APHA 22 nd Ed.,2012,3111-B)	0.003	mg/L.	N.D.
12.	Copper	IS 3025(Part 42)1992amd.01, (APHA 22 nd Ed.,2012,3111-B)	0.05	mg/L.	0.01
13.	Lead	IS 3025(Part 47)1994Amd.02, (APHA 22 nd Ed.,2012,3111-B)	0.01	mg/L.	N.D.
14.	Chromium	IS 3025(Part 52)2003, (APHA 22 nd Ed.,2012,3111-B)	0.05	mg/L.	N.D.
15.	Nickel	IS 3025(Part 54)2003, (APHA 22 nd Ed.,2012,3111-B)	0.02	mg/L.	N.D.
16.	Zinc	IS 3025(Part 49)1994, (APHA 22 nd Ed.,2012,3111-B)	5	mg/L.	N.D.
17.	Mercury	(APHA 22 nd Ed.,2012,3112-B)	0.001	mg/L.	N.D.
18.	Iron	IS 3025(Part 53)2003, (APHA 22 nd Ed.,2012,3111-B)	0.3	mg/L.	N.D.
19.	Cyanide	IS 3025(Part 27)1986	0.05	mg/L.	N.D.
20.	Turbidity	IS 3025(Part 10)1984	1	NTU	BDL(<1.0)



TEST REPORT

Report No.	UERL /14/10/L-0198	Date Of Report	05/11/2014
Name & Address of Customer	M/s. Pollution Control Committee, U.T. of DD and DNH. Daman.	Station Code No.	A3
Sample Details	River Water (A3) (Madhuban)	Sample Qty.	5 + 2 Lit. + 250 ml.
Sampling Date	31/10/2014	Sample Received Date	31/10/2014
Sampled By	P.C.C. Hand Over to Us.	Appearance Of Sample	Colourless
Test Started Date	31/10/2014	Test Completion Date	05/10/2014
UERL Lab Sample ID.No. 14/10/L-0198			

TEST RESULTS

Sr. No.	Parameters	Test Method	Limit as per IS:10500:2012	Unit Of Measurement	Results
21.	Carbonate as CaCO ₃	IS 3025(Part 51)2001	--	mg/l.	BDL
22.	Bicarbonate as CaCO ₃	IS 3025(Part 51)2001	--	mg/l.	128.1
23.	Chloride	IS 3025(Part 32)1988 (APHA 22 nd Ed.,2012.4500-Cl)	250	mg/l.	9.8
24.	COD	IS 3025(Part 58)2006. (APHA 22 nd Ed.,2012,5220-B).	--	mg/l.	N.D.
25.	TKN	APHA 22 nd Ed.,2012,4500 NH ₃ - B	--	mg/l.	N.D.
26.	Ammonia as N	IS 3025(Part 34)1988. (APHA 22 nd Ed.,2012.4500 NH ₃ -B&C).	0.5	mg/L	N.D.
27.	Hardness	IS 3025(Part 21)2009.Amd.1	200	mg/l.	63
28.	Calcium	APHA 22 nd Ed.,2012.3500 Ca.B)	75	mg/L	16.8
29.	Magnesium	APHA 22 nd Ed.,2012.3500 Mg.B	30	mg/L	5.10
30.	Sulphate	IS 3025(Part 24)1986	200	mg/L	5.59
31.	Sodium	APHA 22 nd Ed.,2012,3500 Na.B	--	mg/L	4.4
32.	TDS (Total Dissolve Solids)	(APHA 22 nd Ed.,2012.2540- C). IS 3025(Part 16)1984	500	mg/L	112
33.	TFS (Total Fixed Solids)	IS 3025(Part 18)1984.Amd.1 (APHA 22 nd Ed.,2012.2540 -E).	--	mg/l.	92
34.	TSS (Total Suspended Solids)	IS 3025(Part 17)1984.Amd.1 (APHA 22 nd Ed.,2012,2540 -D).	--	mg/L	BDL
35.	Phosphate	(APHA 22 nd Ed.,2012.4500-P.D)	--	mg/L	BDL(<0.1)
36.	Ortho phosphate	(APHA 22 nd Ed.,2012.4500-P.D)	--	mg/L	N.D.
37.	Boron	--	0.5	mg/l.	N.D.
38.	Potassium	APHA 22 nd Ed.,2012.3500 K.B	--	mg/l.	0.7
39.	Fluoride	(APHA 22 nd Ed.,2012.4500 F.D)	1.0	mg/l.	BDL
40.	% Na	By Calculation	--	%	0.0004
41.	SAR	By Calculation	--	mg/l.	1.33
42.	Total Alkalinity	IS 3025(Part 23)1986. Amd.2	200	mg/L	105
43.	P - Alkalinity	IS 3025(Part 23)1986. Amd.2	--	mg/L	BDL



TEST REPORT

Report No.	UERL /14/10/L-0198	Date Of Report	05/11/2014
Name & Address of Customer	M/s. Pollution Control Committee, U.T. of DD and DNH, Daman.	Station Code No.	
		A3	
Sample Details	River Water (A3) (Madhuban)	Sample Qty.	5 + 2 Lit. + 250 ml.
Sampling Date	31/10/2014	Sample Received Date	31/10/2014
Sampled By	P.C.C. Hand Over to Us.	Appearance Of Sample	Colourless
Test Started Date	31/10/2014	Test Completion Date	05/11/2014
UERL Lab Sample ID.No. 14/10/L-0198			

TEST RESULTS

Sr. No.	Parameters	Test Method	Limit as per IS:10500:2012	Unit Of Measurement	Results
Pesticides:					
44.	Alpha BHC	US EPA 508-1995	Absent	ppb	Absent
45.	Beta BHC	US EPA 508-1995	Absent	ppb	Absent
46.	Gama BHC	US EPA 508-1995	Absent	ppb	Absent
47.	OP DDT	US EPA 508-1995	1	ppb	Absent
48.	PP DDT	US EPA 508-1995	1	ppb	Absent
49.	Alpha Endosulphan	US EPA 508-1995	0.4	ppb	Absent
50.	Beta Endosulphan	US EPA 508-1995	0.4	ppb	Absent
51.	Dieldrin	US EPA 508-1995	0.03	ppb	Absent
52.	2-4 D	US EPA 508-1995	30	ppb	Absent
53.	Aldrin	US EPA 508-1995	0.03	ppb	Absent
54.	Chloropyrifos.	US EPA 508-1995	30	ppb	Absent
55.	Carbaryl (Carbamate)	US EPA 508-1995	Absent	ppb	Absent
56.	Methyl Parathin	US EPA 508-1995	0.3	ppb	Absent
57.	Anilophos	US EPA 508-1995	Absent	ppb	Absent
58.	Malathian	US EPA 508-1995	190	ppb	Absent

Note: BDL = Below Detection Limit, Colour = 1(10) = 10 Hazen Unit, N.D. = Not Detected

***** End of Report *****

Tested By,
J. P. D.
(J.P.D.)
(Chemist)

Checked By
(N.C.P.)
(Sr. Chemist)

Authorized By
(M. S. Chudas)
(Technical Manager)

TEST REPORT (Microbiology)

Report No.	MICRO/14/10/L-0198	Date Of Report	07/11/2014
Name & Address of Customer	M/s. Pollution Control Committee.	Station Code No.	
	U.T. of DD and DNH, Daman.	A ₃	
Sample Details	River Water (Madhuban)	Sample Qty.	250 ml
Sampling Date	31/10/2014	Sample Received Date	31/10/2014
Sampled By	P.C.C. Hand Over to Us.	Appearance Of Sample	Colorless
Test Started Date	31/10/2014	Test Completion Date	03/11/2014
UERL Lab Sample ID. No.	MIC/14/10/L-0198		

TEST RESULTS:

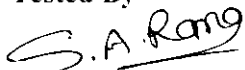
Sr. No.	Parameters	Test Method	Limit as per IS:10500-2012	Unit Of Measurement	Results
1	Total Coliform	APHA 22 nd Ed.2012,9222-B	Absent	CFU/100 ml	46
2	Faecal Coliform	APHA 22 nd Ed.2012,9222-D	Absent	CFU/100 ml	14

Remarks: The sample portion tested does / doesn't comply as per drinking water specifications.


Opinions and Interpretations: (if required)

***** End of Report *****

Tested By


(Sneha A. Rana)
Jr. Microbiologist

Authorized By


Sr. Microbiologist

TEST REPORT

Report No.	UERL /14/09/L-0294	Date Of Report	07/10/2014
Name & Address of Customer	M/s. Pollution Control Committee, U.T. of DD and DNH, Daman.	Station Code No.	A3
Sample Details	River Water	Sample Qty.	5 Lit. + 2 Lit. + 250 ml.
Sampling Date	29/09/2014	Sample Received Date	29/09/2014
Sampled By	P.C.C. Hand Over to Us.	Appearance Of Sample	Colourless
Test Started Date	29/09/2014	Test Completion Date	06/10/2014
UERL Lab Sample ID.No. 14/09/L-0294			

TEST RESULTS

Sr. No.	Parameters	Test Method	Limit as per IS:10500:2012	Unit Of Measurement	Results
1.	Colour	IS 3025(Part 4)1983	5 Hazen unit	Hazen unit	1(10)
2.	Odour	IS 3025(Part 5)1983	Unobjectionable	--	Unobjectionable
3.	Temperature	IS 3025(Part 9)1984	--	^o C	30
4.	Dissolve Oxygen	IS 3025(Part 38)1989. (APIHA 22 nd Ed.,2012,4500-01B).	--	mg/L	6.2
5.	pH at 25 ^o C	IS 3025(Part 11)1983. (APIHA 22 nd Ed.,2012,4500-411B)	6.5 - 8.5	Unit	7.49
6.	Conductivity	IS 3025(Part 14)1984	--	μ s	126.6
7.	BOD (3 days at 27 ^o C)	IS 3025(Part 44)1993Amd 01	--	mg/L	N.D.
8.	Nitrate as N	(APIHA 22 nd Ed.,2012,4500 N03-B)	45	mg/L	N.D.
9.	Nitrite- N	APIHA 22 nd Ed.,2012,4500NO3-B	--	mg/L	0.11
10.	Arsenic	APIHA 22 nd Ed.,2012,3114-C	0.01	mg/L	N.D.
11.	Cadmium	IS 3025(Part 41)1992. (APIHA 22 nd Ed.,2012,3111-B)	0.003	mg/L	N.D.
12.	Copper	IS 3025(Part 42)1992Amd 01. (APIHA 22 nd Ed.,2012,3111-B)	0.05	mg/L	N.D.
13.	Lead	IS 3025(Part 47)1994Amd 02. (APIHA 22 nd Ed.,2012,3111-B)	0.01	mg/L	0.11
14.	Chromium	IS 3025(Part 52)2003. (APIHA 22 nd Ed.,2012,3111-B)	0.05	mg/L	N.D.
15.	Nickel	IS 3025(Part 54)2003. (APIHA 22 nd Ed.,2012,3111-B)	0.02	mg/L	N.D.
16.	Zinc	IS 3025(Part 49)1994. (APIHA 22 nd Ed.,2012,3111-B)	5	mg/L	N.D.
17.	Mercury	(APIHA 22 nd Ed.,2012,3112-B)	0.001	mg/L	N.D.
18.	Iron	IS 3025(Part 53)2003. (APIHA 22 nd Ed.,2012,3111-B)	0.3	mg/L	0.352
19.	Cyanide	IS 3025(Part 27)1986	0.05	mg/L	N.D.
20.	Turbidity	IS 3025(Part 10)1984	1	NTU	BDI(<1.0)

TEST REPORT

Report No.	UERL /14/09/L-0294	Date Of Report	07/10/2014
Name & Address of Customer	M/s. Pollution Control Committee. U.T. of DD and DNH. Daman.	Station Code No.	
		A₃	
Sample Details	River Water	Sample Qty.	5 Lit. + 2 Lit. + 250 ml.
Sampling Date	29/09/2014	Sample Received Date	29/09/2014
Sampled By	P.C.C. Hand Over to Us.	Appearance Of Sample	Colourless
Test Started Date	29/09/2014	Test Completion Date	06/10/2014
UERL Lab Sample ID.No. 14/09/L-0294			

TEST RESULTS

Sr. No.	Parameters	Test Method	Limit as per IS:10500:2012	Unit Of Measurement	Results
21.	Carbonate as CaCO ₃	IS 3025(Part 51)2001	--	mg/L	N.D.
22.	Bicarbonate as CaCO ₃	IS 3025(Part 51)2001	--	mg/L	89.2
23.	Chloride	IS 3025(Part 32)1988 (APHA 22 nd Ed.,2012.4500-Cl)	250	mg/L	10.3
24.	COD	IS 3025(Part 58)2006. (APHA 22 nd Ed.,2012.5220-B).	--	mg/L	N.D.
25.	TKN	APHA 22 nd Ed.,2012.4500 NH ₃ - B	--	mg/L	N.D.
26.	Ammonia as N	IS 3025(Part 34)1988. (APHA 22 nd Ed.,2012.4500 NH ₃ -B&C),	0.5	mg/L	N.D.
27.	Hardness	IS 3025(Part 21)2009,Amd.1	200	mg/L	47
28.	Calcium	APHA 22 nd Ed.,2012.3500 Ca.B)	75	mg/L	14.6
29.	Magnesium	APHA 22 nd Ed.,2012.3500 Mg.B	30	mg/L	BDI(<5.0)
30.	Sulphate	IS 3025(Part 24)1986	200	mg/L	13.9
31.	Sodium	APHA 22 nd Ed.,2012.3500 Na.B	---	mg/L	4.2
32.	TDS (Total Dissolve Solids)	(APHA 22 nd Ed.,2012.2540- C). IS 3025(Part 16)1984	500	mg/L	108
33.	TFS (Total Fixed Solids)	IS 3025(Part 18)1984,Amd.1 (APHA 22 nd Ed.,2012.2540 -E).	--	mg/L	76
34.	TSS (Total Suspended Solids)	IS 3025(Part 17)1984,Amd.1 (APHA 22 nd Ed.,2012.2540 -D).	--	mg/L	24
35.	Phosphate	(APHA 22 nd Ed.,2012.4500-P.D)	--	mg/L	0.12
36.	Ortho phosphate	(APHA 22 nd Ed.,2012.4500-P.D)	--	mg/L	N.D.
37.	Boron	--	0.5	mg/L	N.D.
38.	Potassium	APHA 22 nd Ed.,2012.3500 K.B	--	mg/L	0.8
39.	Fluoride	(APHA 22 nd Ed.,2012.4500 F.D)	1.0	mg/L	0.37
40.	% Na	By Calculation	--	%	0.0004
41.	SAR	By Calculation	--	mg/L	1.43
42.	Total Alkalinity	IS 3025(Part 23)1986. Amd.2	200	mg/L	73.2
43.	P- Alkalinity	IS 3025(Part 23)1986. Amd.2	--	mg/L	N.D.



TEST REPORT

Report No.	UERL /14/09/L-0294	Date Of Report	07/10/2014
Name & Address of Customer	M/s. Pollution Control Committee. U.T. of DD and DNH. Daman.	Station Code No.	A ₃
Sample Details	River Water	Sample Qty.	5 Lit. + 2 Lit. + 250 ml.
Sampling Date	29/09/2014	Sample Received Date	29/09/2014
Sampled By	P.C.C. Hand Over to Us.	Appearance Of Sample	Colourless
Test Started Date	29/09/2014	Test Completion Date	06/10/2014
UERL Lab Sample ID.No. 14/09/L-0294			

TEST RESULTS

Sr. No.	Parameters	Test Method	Limit as per IS:10500:2012	Unit Of Measurement	Results
Pesticides:					
44.	Alpha BHC	US EPA 508-1995	Absent	ppb	Absent
45.	Beta BHC	US EPA 508-1995	Absent	ppb	Absent
46.	Gama BHC	US EPA 508-1995	Absent	ppb	Absent
47.	OP DDT	US EPA 508-1995	1	ppb	Absent
48.	PP DDT	US EPA 508-1995	1	ppb	Absent
49.	Alpha Endosulphan	US EPA 508-1995	0.4	ppb	Absent
50.	Beta Endosulphan	US EPA 508-1995	0.4	ppb	Absent
51.	Dieldrin	US EPA 508-1995	0.03	ppb	Absent
52.	2-4 D	US EPA 508-1995	30	ppb	Absent
53.	Aldrin	US EPA 508-1995	0.03	ppb	Absent
54.	Chloropyriphos.	US EPA 508-1995	30	ppb	Absent
55.	Carboryl (Carbamate)	US EPA 508-1995	Absent	ppb	Absent
56.	Methyl Parathin	US EPA 508-1995	0.3	ppb	Absent
57.	Anilophos	US EPA 508-1995	Absent	ppb	Absent
58.	Malathian	US EPA 508-1995	190	ppb	Absent

Note: BDL = Below Detection Limit, Colour = 1(10) = 10 Hazen Unit, N.D. = Not Detected.

***** End of Report *****

Tested By

(Signature)
(N.C.P.)
(Chemist)

Checked By

(Signature)
(S.B.T.)
(Sr. Chemist)

Authorized By

(Signature)
S. S. Patel
(Technical Manager)

TEST REPORT (Microbiology)

Report No.	MICRO/14/09/L-0294	Date Of Report	07/10/2014
Name & Address of Customer	M/s. Pollution Control Committee. U.T. of DD and DNH, Daman.	Station Code No.	A ₃
Sample Details	River Water	Sample Qty.	250 ml
Sampling Date	29/09/2014	Sample Received Date	29/09/2014
Sampled By	P.C.C. Hand Over to Us.	Appearance Of Sample	Colorless
Test Started Date	30/09/2014	Test Completion Date	01/10/2014
UERL Lab Sample ID. No.	MIC/14/09/L-0294		

TEST RESULTS:

Sr. No.	Parameters	Test Method	Limit as per IS:10500-2012	Unit Of Measurement	Results
1	Total Coliform	APHA 22 nd Ed.2012,9222-B	Absent	CFU/100 ml	22
2	Faecal Coliform	APHA 22 nd Ed.2012,9222-D	Absent	CFU/100 ml	08

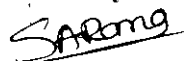
Remarks: The sample portion tested does / doesn't comply as per drinking water specifications.

Opinions and Interpretations: (if required)

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***** End of Report *****

Tested By



(Sneha A. Rana)
Jr. Microbiologist

Authorized By



Sr. Microbiologist

TEST REPORT

Report No.	UERL /14/07/L-122	Date Of Report	31/07/2014
Name & Address of Customer	M/s. Pollution Control Committee. U.T. of DD and DNH, Daman.	Station Code No.	A ₃
Sample Details	River Water	Sample Qty.	5 Lit. + 2 Lit. + 250 ml.
Sampling Date	23/07/2014	Sample Received Date	23/07/2014
Sampled By	P.C.C. Hand Over to Us.	Appearance Of Sample	Colourless
Test Started Date	23/07/2014	Test Completion Date	30/07/2014
UERL Lab Sample ID.No. 14/07/L-122			

TEST RESULTS

Sr. No.	Parameters	Test Method	Limit as per IS:10500:2012	Unit Of Measurement	Results
1.	Colour	IS 3025(Part 4)1983	5 Hazen unit	Hazen unit	1(10)
2.	Odour	IS 3025(Part 5)1983	Unobjectionable	--	Unobjectionable
3.	Temperature	IS 3025(Part 9)1984	--	°C	29
4.	Dissolve Oxygen	IS 3025(Part 38)1989. (APHA 22 nd Ed.,2012,4500-O,B).	--	mg/L	7.0
5.	pH at 25 °C	IS 3025(Part 11)1983, (APHA 22 nd Ed.,2012,4500-H ⁺ B)	6.5 - 8.5	Unit	7.64
6.	Conductivity	IS 3025(Part 14)1984	--	µs	176.9
7.	BOD (3 days at 27 °C)	IS 3025(Part 44)1993Amd.01	--	mg/L	N.D.
8.	Nitrate as N	(APHA 22 nd Ed.,2012,4500 NO ₃ -B)	45	mg/L	0.2
9.	Nitrite- N	APHA 22 nd Ed.,2012,4500NO ₂ B	--	mg/L	0.1
10.	Arsenic	APHA 22 nd Ed.,2012,3114-C	0.01	mg/L	N.D.
11.	Cadmium	IS 3025(Part 41)1992. (APHA 22 nd Ed.,2012,3111-B)	0.003	mg/L	N.D.
12.	Copper	IS 3025(Part 42)1992amd.01. (APHA 22 nd Ed.,2012,3111-B)	0.05	mg/L	N.D.
13.	Lead	IS 3025(Part 47)1994Amd.02. (APHA 22 nd Ed.,2012,3111-B)	0.01	mg/L	N.D.
14.	Chromium	IS 3025(Part 52)2003, (APHA 22 nd Ed.,2012,3111-B)	0.05	mg/L	N.D.
15.	Nickel	IS 3025(Part 54)2003, (APHA 22 nd Ed.,2012,3111-B)	0.02	mg/L	N.D.
16.	Zinc	IS 3025(Part 49)1994. (APHA 22 nd Ed.,2012,3111-B)	5	mg/L	N.D.
17.	Mercury	(APHA 22 nd Ed.,2012,3112-B)	0.001	mg/L	N.D.
18.	Iron	IS 3025(Part 53)2003. (APHA 22 nd Ed.,2012,3111-B)	0.3	mg/L	0.14
19.	Cyanide	IS 3025(Part27)1986	0.05	mg/L	N.D.
20.	Turbidity	IS 3025(Part 10)1984	1	NTU	BDL(<1.0)

TEST REPORT

Report No.	UERL /14/07/L-122	Date Of Report	31/07/2014
Name & Address of Customer	M/s. Pollution Control Committee. U.T. of DD and DNH. Daman.	Station Code No.	A ₃
Sample Details	River Water	Sample Qty.	5 Lit. + 2 Lit. + 250 ml.
Sampling Date	23/07/2014	Sample Received Date	23/07/2014
Sampled By	P.C.C. Hand Over to Us.	Appearance Of Sample	Colourless
Test Started Date	23/07/2014	Test Completion Date	30/07/2014
UERL Lab Sample ID.No. 14/07/L-122			

TEST RESULTS

Sr. No.	Parameters	Test Method	Limit as per IS:10500:2012	Unit Of Measurement	Results
21.	Carbonate as CaCO ₃	IS 3025(Part 51)2001	--	mg/L	N.D.
22.	Bicarbonate as CaCO ₃	IS 3025(Part 51)2001	--	mg/L	134.9
23.	Chloride	IS 3025(Part 32)1988 (APHA 22 nd Ed.,2012,4500-Cl)	250	mg/L	27.9
24.	COD	IS 3025(Part 58)2006, (APHA 22 nd Ed.,2012,5220-B),	--	mg/L	8.1
25.	TKN	APHA 22 nd Ed.,2012,4500 NH ₃ - B	--	mg/L	N.D.
26.	Ammonia as N	IS 3025(Part 34)1988, (APHA 22 nd Ed.,2012,4500 NH ₃ -B&C).	0.5	mg/L	N.D.
27.	Hardness	IS 3025(Part 21)2009.Amd.1	200	mg/L	96.3
28.	Calcium	APHA 22 nd Ed.,2012,3500 Ca.B)	75	mg/L	25.7
29.	Magnesium	APHA 22 nd Ed.,2012,3500 Mg.B	30	mg/L	7.8
30.	Sulphate	IS 3025(Part 24)1986	200	mg/L	6.7
31.	Sodium	APHA 22 nd Ed.,2012,3500 Na,B	---	mg/L	7.5
32.	TDS (Total Dissolve Solids)	(APHA 22 nd Ed.,2012,2540- C), IS 3025(Part 16)1984	500	mg/L	140
33.	TFS (Total Fixed Solids)	IS 3025(Part 18)1984.Amd.1 (APHA 22 nd Ed.,2012,2540 -E),	--	mg/L	80
34.	TSS (Total Suspended Solids)	IS 3025(Part 17)1984.Amd.1 (APHA 22 nd Ed.,2012,2540 -D),	--	mg/L	N.D.
35.	Phosphate	(APHA 22 nd Ed.,2012,4500-P,D)	--	mg/L	N.D.
36.	Ortho phosphate	(APHA 22 nd Ed.,2012,4500-P,D)	--	mg/L	N.D.
37.	Boron	--	0.5	mg/L	N.D.
38.	Potassium	APHA 22 nd Ed.,2012,3500 K,B	--	mg/L	1.0
39.	Fluoride	(APHA 22 nd Ed.,2012,4500 F,D)	1.0	mg/L	0.75
40.	% Na	By Calculation	--	%	0.0008
41.	SAR	By Calculation	--	mg/L	1.83
42.	Total Alkalinity	IS 3025(Part 23)1986. Amd.2	200	mg/L	110.6
43.	P - Alkalinity	IS 3025(Part 23)1986. Amd.2	--	mg/L	N.D.



TEST REPORT

Report No.	UERL /14/07/L-122	Date Of Report	31/07/2014
Name & Address of Customer	M/s. Pollution Control Committee. U.T. of DD and DNH. Daman.	Station Code No.	A ₃
Sample Details	River Water	Sample Qty.	5 Lit. + 2 Lit. + 250 ml.
Sampling Date	23/07/2014	Sample Received Date	23/07/2014
Sampled By	P.C.C. Hand Over to Us.	Appearance Of Sample	Colourless
Test Started Date	23/07/2014	Test Completion Date	30/07/2014
UERL Lab Sample ID.No. 14/07/L-122			


TEST RESULTS

Sr. No.	Parameters	Test Method	Limit as per IS:10500:2012	Unit Of Measurement	Results
Pesticides:					
44.	Alpha BHC	US EPA 508-1995	Absent	ppb	Absent
45.	Beta BHC	US EPA 508-1995	Absent	ppb	Absent
46.	Gama BHC	US EPA 508-1995	Absent	ppb	Absent
47.	OP DDT	US EPA 508-1995	1	ppb	Absent
48.	PP DDT	US EPA 508-1995	1	ppb	Absent
49.	Alpha Endosulphan	US EPA 508-1995	0.4	ppb	Absent
50.	Beta Endosulphan	US EPA 508-1995	0.4	ppb	Absent
51.	Dieldrin	US EPA 508-1995	0.03	ppb	Absent
52.	2-4 D	US EPA 508-1995	30	ppb	Absent
53.	Aldrin	US EPA 508-1995	0.03	ppb	Absent
54.	Chloropyrifos.	US EPA 508-1995	30	ppb	Absent
55.	Carbaryl (Carbamate)	US EPA 508-1995	Absent	ppb	Absent
56.	Methyl Parathin	US EPA 508-1995	0.3	ppb	Absent
57.	Anilophos	US EPA 508-1995	Absent	ppb	Absent
58.	Malathian	US EPA 508-1995	190	ppb	Absent

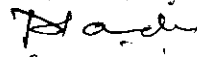
Note: BDL - Below Detection Limit. Colour = 1(10) = 10 Hazen Unit, N.D. = Not Detected,

***** End of Report *****

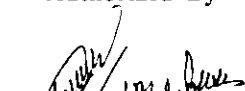
Tested By


(D.R.14)
(Chemist)

Checked By


(N.B.T.)
(Sr. Chemist)

Authorized By


(Technical Manager)
UERL/CHM/F-2/02

TEST REPORT
(Microbiology)

Report No.	MICRO/14/07/L-122	Date Of Report	31/07/2014
Name & Address of Customer	M/s. Pollution Control Committee. U.T. of DD and DNH, Daman.	Station Code No.	A ₃
Sample Details	River Water	Sample Qty.	250 ml
Sampling Date	23/07/2014	Sample Received Date	23/07/2014
Sampled By	Us.	Appearance Of Sample	Colorless
Test Started Date	23/07/2014	Test Completion Date	25/07/2014
UERL Lab Sample ID. No.	MIC/14/05/L-122		

TEST RESULTS:

Sr. No.	Parameters	Test Method	Limit as per IS:10500-2012	Unit Of Measurement	Results
1	Total Coliform	APHA 22 nd Ed.2012,9222-B	Absent	CFU/100 ml	28
2	Faecal Coliform	APHA 22 nd Ed.2012,9222-D	Absent	CFU/100 ml	10


Remarks: The sample portion tested does / doesn't comply as per drinking water specifications.

Opinions and Interpretations: (if required)


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***** End of Report *****

Tested By


(Sneha A. Rana)
Jr. Microbiologist

Authorized By


(Ranjan Mahataj)
Sr. Microbiologist

River water
June 2014

TEST CERTIFICATE

Our Ref. No.	PLWS/20140603023	Issue Date	June 18, 2014		
Customer Name & Address	Pollution Control Committee, Daman.				
Customer Ref. No & Date	PCC/DDD projects/RW/2013-2014/277 Dated : 29/08/2013.				
Part A: SAMPLE PARTICULARS					
Sample Description	Daman Ganga River Water RW - A1				
Sample Quantity	5 Lit.	Packing	Plastic Carboy		
Sample Collection Date	03/06/2014	Sample Receipt Date	03/06/2014		
Analysis Start Date	03/06/2014	Analysis Completion Date	18/06/2014		
Part B: SAMPLING DETAILS					
Sample Collection	Collected by Us.				
Sampling Procedure	--				
Sampling Location	Down Stream Surat Beverages.				
Any Other Information	--				
Part C: TEST RESULTS					
Sr. No.	Test Parameters	Unit	Results	Method	General Standards
1	Conductivity	µmhos/cm	413	APHA	--
2	Temperature	°C	27.6	APHA	--
3	Turbidity	NTU	0.1	APHA	--
4	pH	--	7.60	APHA	5.5-9.0
5	Total Suspended Solids	mg/lit.	25	APHA	NMT 100 mg/lit
6	Total Dissolved Solids	mg/lit.	264	APHA	--
7	Total Hardness (as CaCO ₃)	mg/lit.	98	APHA	--
8	Total Alkalinity (as CaCO ₃)	mg/lit.	20	APHA	--
9	Phenolphthalein Alkalinity	mg/lit.	BDL	APHA	--
10	Calcium (as Ca)	mg/lit.	28	APHA	--
11	Magnesium (as Mg)	mg/lit.	7	APHA	--
12	Chemical Oxygen Demand	mg/lit.	BDL	APHA	NMT 250 mg/lit
13	Bio Chemical Oxygen Demand	mg/lit.	BDL	APHA	NMT 30 mg/lit
14	Dissolved Oxygen	mg/lit.	5.9	APHA	--
15	Total Kjeldahl Nitrogen	mg/lit.	BDL	APHA	NMT 100 mg/lit
16	Total Fixed Solids	mg/lit.	146	APHA	--
17	Chloride (as Cl ⁻)	mg/lit.	59	APHA	--
18	Sulphate (as SO ₄)	mg/lit.	36	APHA	--
19	Fluoride (as F ⁻)	mg/lit.	BDL	APHA	NMT 2.0 mg/lit
20	Nitrate (as NO ₃)	mg/lit.	BDL	APHA	NMT 10 mg/lit
21	Chromium (as Cr)	mg/lit.	BDL	APHA	NMT 2.0 mg/lit
22	Total Phosphate (as PO ₄)	mg/lit.	BDL	APHA	NMT 5.0 mg/lit
23	Sodium (as Na)	mg/lit.	14.5	APHA	--
24	Ammonia (as NH ₃)	mg/lit.	BDL	APHA	NMT 5.0 mg/lit
25	Zinc (as Zn)	mg/lit.	0.03	APHA	NMT 5.0 mg/lit
26	Iron (as Fe)	mg/lit.	BDL	APHA	0.3 mg/lit.

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Recognitions

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e-mail: vapi@precitechlab.com
C I N : U85195GJ2013PTC075258

TEST CERTIFICATE

Our Ref. No.	PLWS/20140603023	Issue Date	June 18, 2014			
Customer Name & Address	Pollution Control Committee, Daman.					
Customer Ref. No & Date	PCC/DDD projects/RW/2013-2014/277 Dated : 29/08/2013.					
Part A: SAMPLE PARTICULARS						
Sample Description	Daman Ganga River Water RW - A1				Packing	Plastic Carboy
Sample Quantity	5 Lit.	Packing		Sample Receipt Date	03/06/2014	
Sample Collection Date	03/06/2014	Sample Receipt Date		Analysis Completion Date	18/06/2014	
Analysis Start Date	03/06/2014	Analysis Completion Date				
Part B: SAMPLING DETAILS						
Sample Collection	Collected by Us.					
Sampling Procedure	--					
Sampling Location	Down Stream Surat Beverages.					
Any Other Information	--					
Part C: TEST RESULTS						
Sr. No.	Test Parameters	Unit	Results	Method	General Standards	
27	Lead (as Pb)	mg/lit.	BDL	APHA	NMT 0.1 mg/lit	
28	Nickel (as Ni)	mg/lit.	BDL	APHA	NMT 3.0 mg/lit	
29	Arsenic (as As)	mg/lit.	BDL	APHA	NMT 0.2 mg/lit	
30	Mercury (as Hg)	mg/lit.	BDL	APHA	NMT 0.01 mg/lit	
31	Cadmium (as Cd)	mg/lit.	BDL	APHA	NMT 2.0 mg/lit	
32	Boron (as B)	mg/lit.	BDL	APHA	NMT 5 mg/lit.	
33	Copper (as Cu)	mg/lit.	BDL	APHA	NMT 3.0 mg/lit	
34	Potassium (as K)	mg/lit.	0.9	APHA	--	
35	Alpha BHC	mg/lit.	BDL	APHA	Absent	
36	Beta BHC	mg/lit.	BDL	APHA	Absent	
37	Gamma BHC	mg/lit.	BDL	APHA	Absent	
38	OP-DDT	mg/lit.	BDL	APHA	Absent	
39	PP-DDT	mg/lit.	BDL	APHA	Absent	
40	A-Endosulphan	mg/lit.	BDL	APHA	Absent	
41	B-Endosulphan	mg/lit.	BDL	APHA	Absent	
42	Dieldrin	mg/lit.	BDL	APHA	Absent	
43	Carbaryl (Carbamate)	mg/lit.	BDL	APHA	Absent	
44	2,4-D	mg/lit.	BDL	APHA	Absent	
45	Aldrin	mg/lit.	BDL	APHA	Absent	
46	Malathian	mg/lit.	BDL	APHA	Absent	
47	Methyl parathion	mg/lit.	BDL	APHA	Absent	
48	Anilophos	mg/lit.	BDL	APHA	Absent	
49	Chloropyriphos	mg/lit.	BDL	APHA	Absent	
50	Microbiological Test					
	Total Coliform	cfu/100mi	1700	IS	0/100 ml	
	Fecal Coliform	cfu/100ml	110	IS	0/100 ml	

Part D: REMARKS: BDL = Below Detection Limit.

Note: This report is subjected to the terms and conditions mentioned overleaf

Authorized Signatory.

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C I N : U85195GJ2013PTC075258

TEST CERTIFICATE

Our Ref. No.	PLWS/20140603024	Issue Date	June 18, 2014		
Customer Name & Address	Pollution Control Committee, Daman.				
Customer Ref. No & Date	PCC/DDD projects/RW/2013-2014/277 Dated : 29/08/2013.				
Part A: SAMPLE PARTICULARS					
Sample Description	Daman Ganga River Water RW – A2			Packing	Plastic Carboy
Sample Quantity	5 Lit.	Sample Receipt Date	03/06/2014		
Sample Collection Date	03/06/2014	Analysis Completion Date	18/06/2014		
Analysis Start Date	03/06/2014				
Part B: SAMPLING DETAILS					
Sample Collection	Collected by Us.				
Sampling Procedure	--				
Sampling Location	Down Stream Lavachha Temple.				
Any Other Information	--				
Part C: TEST RESULTS					
Sr. No.	Test Parameters	Unit	Results	Method	General Standards
1	Conductivity	µmhos/cm	356	APHA	--
2	Temperature	°C	27.6	APHA	--
3	Turbidity	NTU	1.6	APHA	--
4	pH	--	7.66	APHA	5.5-9.0
5	Total Suspended Solids	mg/lit.	7	APHA	NMT 100 mg/lit
6	Total Dissolved Solids	mg/lit.	228	APHA	--
7	Total Hardness (as CaCO ₃)	mg/lit.	90	APHA	--
8	Total Alkalinity (as CaCO ₃)	mg/lit.	26	APHA	--
9	Phenolphthalein Alkalinity	mg/lit.	BDL	APHA	--
10	Calcium (as Ca)	mg/lit.	22	APHA	--
11	Magnesium (as Mg)	mg/lit.	9	APHA	--
12	Chemical Oxygen Demand	mg/lit.	BDL	APHA	NMT 250 mg/lit
13	Bio Chemical Oxygen Demand	mg/lit.	BDL	APHA	NMT 30 mg/lit
14	Dissolved Oxygen	mg/lit.	5.6	APHA	--
15	Total Kjeldahl Nitrogen	mg/lit.	BDL	APHA	NMT 100 mg/lit
16	Total Fixed Solids	mg/lit.	126	APHA	--
17	Chloride (as Cl)	mg/lit.	48	APHA	--
18	Sulphate (as SO ₄)	mg/lit.	26	APHA	--
19	Fluoride (as F ⁻)	mg/lit.	BDL	APHA	NMT 2.0 mg/lit
20	Nitrate (as NO ₃)	mg/lit.	BDL	APHA	NMT 10 mg/lit
21	Chromium (as Cr)	mg/lit.	BDL	APHA	NMT 2.0 mg/lit
22	Total Phosphate (as PO ₄)	mg/lit.	BDL	APHA	NMT 5.0 mg/lit
23	Sodium (as Na)	mg/lit.	18.25	APHA	--
24	Ammonia (as NH ₃)	mg/lit.	BDL	APHA	NMT 5.0 mg/lit
25	Zinc (as Zn)	mg/lit.	BDL	APHA	NMT 5.0 mg/lit
26	Iron (as Fe)	mg/lit.	0.98	APHA	0.3 mg/lit.

Contd../-

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e-mail: vapi@precitechlab.com
C I N : U85195GJ2013PTC075258

TEST CERTIFICATE

Our Ref. No.	PLWS/20140603024	Issue Date	June 18, 2014			
Customer Name & Address	Pollution Control Committee, Daman.					
Customer Ref. No & Date	PCC/DDD projects/RW/2013-2014/277 Dated : 29/08/2013.					
Part A: SAMPLE PARTICULARS						
Sample Description	Daman Ganga River Water RW - A2				Packing	Plastic Carboy
Sample Quantity	5 Lit.	Sample Receipt Date		03/06/2014		
Sample Collection Date	03/06/2014	Analysis Completion Date		18/06/2014		
Analysis Start Date	03/06/2014					
Part B: SAMPLING DETAILS						
Sample Collection	Collected by Us.					
Sampling Procedure	--					
Sampling Location	Down Stream Lavachha Temple.					
Any Other Information	--					
Part C: TEST RESULTS						
Sr. No.	Test Parameters	Unit	Results	Method	General Standards	
27	Lead (as Pb)	mg/lit.	BDL	APHA	NMT 0.1 mg/lit	
28	Nickel (as Ni)	mg/lit.	BDL	APHA	NMT 3.0 mg/lit	
29	Arsenic (as As)	mg/lit.	BDL	APHA	NMT 0.2 mg/lit	
30	Mercury (as Hg)	mg/lit.	BDL	APHA	NMT 0.01 mg/lit	
31	Cadmium (as Cd)	mg/lit.	BDL	APHA	NMT 2.0 mg/lit	
32	Boron (as B)	mg/lit.	BDL	APHA	NMT 5 mg/lit.	
33	Copper (as Cu)	mg/lit.	BDL	APHA	NMT 3.0 mg/lit	
34	Potassium (as K)	mg/lit.	1.17	APHA	--	
35	Alpha BHC	mg/lit.	BDL	APHA	Absent	
36	Beta BHC	mg/lit.	BDL	APHA	Absent	
37	Gamma BHC	mg/lit.	BDL	APHA	Absent	
38	OP-DDT	mg/lit.	BDL	APHA	Absent	
39	PP-DDT	mg/lit.	BDL	APHA	Absent	
40	A-Endosulphan	mg/lit.	BDL	APHA	Absent	
41	B-Endosulphan	mg/lit.	BDL	APHA	Absent	
42	Dieldrin	mg/lit.	BDL	APHA	Absent	
43	Carbaryl (Carbamate)	mg/lit.	BDL	APHA	Absent	
44	2,4-D	mg/lit.	BDL	APHA	Absent	
45	Aldrin	mg/lit.	BDL	APHA	Absent	
46	Malathion	mg/lit.	BDL	APHA	Absent	
47	Methyl parathion	mg/lit.	BDL	APHA	Absent	
48	Anilophos	mg/lit.	BDL	APHA	Absent	
49	Chloropyriphos	mg/lit.	BDL	APHA	Absent	
50	Microbiological Test					
	Total Coliform	cfu/100ml	9000	IS	0/100 ml	
	Fecal Coliform	cfu/100ml	200	IS	0/100 ml	

Part D: REMARKS: BDL = Below Detection Limit.

Note: This report is subjected to the terms and conditions mentioned overleaf

Authorized Signatory.

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C I N : U85195GJ2013PTC075258

TEST CERTIFICATE

Our Ref. No.	PLWS/20140603025	Issue Date	June 18, 2014		
Customer Name & Address	Pollution Control Committee, Daman.				
Customer Ref. No & Date	PCC/DDD projects/RW/2013-2014/277 Dated : 29/08/2013.				
Part A: SAMPLE PARTICULARS					
Sample Description	Daman Ganga River Water RW – A3				
Sample Quantity	5 Lit.	Packing	Plastic Carboy		
Sample Collection Date	03/06/2014	Sample Receipt Date	03/06/2014		
Analysis Start Date	03/06/2014	Analysis Completion Date	18/06/2014		
Part B: SAMPLING DETAILS					
Sample Collection	Collected by Us.				
Sampling Procedure	--				
Sampling Location	Down Stream Madhuban Dam.				
Any Other Information	--				
Part C: TEST RESULTS					
Sr. No.	Test Parameters	Unit	Results	Method	General Standards
1	Conductivity	µmhos/cm	331	APHA	--
2	Temperature	°C	27.6	APHA	--
3	Turbidity	NTU	0.6	APHA	--
4	pH	--	7.03	APHA	5.5-9.0
5	Total Suspended Solids	mg/lit.	6	APHA	NMT 100 mg/lit
6	Total Dissolved Solids	mg/lit.	212	APHA	--
7	Total Hardness (as CaCO ₃)	mg/lit.	55	APHA	--
8	Total Alkalinity (as CaCO ₃)	mg/lit.	41	APHA	--
9	Phenolphthalein Alkalinity	mg/lit.	BDL	APHA	--
10	Calcium (as Ca)	mg/lit.	17	APHA	--
11	Magnesium (as Mg)	mg/lit.	3	APHA	--
12	Chemical Oxygen Demand	mg/lit.	BDL	APHA	NMT 250 mg/lit
13	Bio Chemical Oxygen Demand	mg/lit.	BDL	APHA	NMT 30 mg/lit
14	Dissolved Oxygen	mg/lit.	6.0	APHA	--
15	Total Kjeldahl Nitrogen	mg/lit.	BDL	APHA	NMT 100 mg/lit
16	Total Fixed Solids	mg/lit.	85	APHA	--
17	Chloride (as Cl ⁻)	mg/lit.	42	APHA	--
18	Sulphate (as SO ₄)	mg/lit.	16	APHA	--
19	Fluoride (as F ⁻)	mg/lit.	BDL	APHA	NMT 2.0 mg/lit
20	Nitrate (as NO ₃)	mg/lit.	BDL	APHA	NMT 10 mg/lit
21	Chromium (as Cr)	mg/lit.	BDL	APHA	NMT 2.0 mg/lit
22	Total Phosphate (as PO ₄)	mg/lit.	BDL	APHA	NMT 5.0 mg/lit
23	Sodium (as Na)	mg/lit.	12.75	APHA	--
24	Ammonia (as NH ₃)	mg/lit.	BDL	APHA	NMT 5.0 mg/lit
25	Zinc (as Zn)	mg/lit.	0.1	APHA	NMT 5.0 mg/lit
26	Iron (as Fe)	mg/lit.	BDL	APHA	0.3 mg/lit.

Contd../-

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C I N : U85195GJ2013PTC075258

TEST CERTIFICATE

Our Ref. No.	PLWS/20140603025	Issue Date	June 18, 2014		
Customer Name & Address	Pollution Control Committee, Daman.				
Customer Ref. No & Date	PCC/DDD projects/RW/2013-2014/277 Dated : 29/08/2013.				
Part A: SAMPLE PARTICULARS					
Sample Description	Daman Ganga River Water RW – A3			Packing	Plastic Carboy
Sample Quantity	5 Lit.	Sample Receipt Date	03/06/2014		
Sample Collection Date	03/06/2014	Analysis Completion Date	18/06/2014		
Analysis Start Date	03/06/2014				
Part B: SAMPLING DETAILS					
Sample Collection	Collected by Us.				
Sampling Procedure	--				
Sampling Location	Down Stream Madhuban Dam.				
Any Other Information	--				
Part C: TEST RESULTS					
Sr. No.	Test Parameters	Unit	Results	Method	General Standards
27	Lead (as Pb)	mg/lit.	BDL	APHA	NMT 0.1 mg/lit
28	Nickel (as Ni)	mg/lit.	BDL	APHA	NMT 3.0 mg/lit
29	Arsenic (as As)	mg/lit.	BDL	APHA	NMT 0.2 mg/lit
30	Mercury (as Hg)	mg/lit.	BDL	APHA	NMT 0.01 mg/lit
31	Cadmium (as Cd)	mg/lit.	BDL	APHA	NMT 2.0 mg/lit
32	Boron (as B)	mg/lit.	BDL	APHA	NMT 5 mg/lit.
33	Copper (as Cu)	mg/lit.	BDL	APHA	NMT 3.0 mg/lit
34	Potassium (as K)	mg/lit.	8	APHA	--
35	Alpha BHC	mg/lit.	BDL	APHA	Absent
36	Beta BHC	mg/lit.	BDL	APHA	Absent
37	Gamma BHC	mg/lit.	BDL	APHA	Absent
38	OP-DDT	mg/lit.	BDL	APHA	Absent
39	PP-DDT	mg/lit.	BDL	APHA	Absent
40	A-Endosulphan	mg/lit.	BDL	APHA	Absent
41	B-Endosulphan	mg/lit.	BDL	APHA	Absent
42	Dieldrin	mg/lit.	BDL	APHA	Absent
43	Carbaryl (Carbamate)	mg/lit.	BDL	APHA	Absent
44	2,4-D	mg/lit.	BDL	APHA	Absent
45	Aldrin	mg/lit.	BDL	APHA	Absent
46	Malathion	mg/lit.	BDL	APHA	Absent
47	Methyl parathion	mg/lit.	BDL	APHA	Absent
48	Anilophos	mg/lit.	BDL	APHA	Absent
49	Chloropyriphos	mg/lit.	BDL	APHA	Absent
50	Microbiological Test				
	Total Coliform	cfu/100ml	300	IS	0/100 ml
	Fecal Coliform	cfu/100ml	<10	IS	0/100 ml

Part D: REMARKS: BDL = Below Detection Limit.

Note: This report is subjected to the terms and conditions mentioned overleaf

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Recognitions
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C I N : U85195GJ2013PTC075258

TEST CERTIFICATE

Our Ref. No.	PLWS/20140603026	Issue Date	June 18, 2014		
Customer Name & Address	Pollution Control Committee, Daman.				
Customer Ref. No & Date	PCC/DDD projects/RW/2013-2014/277 Dated : 29/08/2013.				
Part A: SAMPLE PARTICULARS					
Sample Description	Daman Ganga River Water RW – A4				
Sample Quantity	5 Lit.	Packing	Plastic Carboy		
Sample Collection Date	03/06/2014	Sample Receipt Date	03/06/2014		
Analysis Start Date	03/06/2014	Analysis Completion Date	18/06/2014		
Part B: SAMPLING DETAILS					
Sample Collection	Collected by Us.				
Sampling Procedure	--				
Sampling Location	Down Stream at Naroli Bridge.				
Any Other Information	--				
Part C: TEST RESULTS					
Sr. No.	Test Parameters	Unit	Results	Method	General Standards
1	Conductivity	µmhos/cm	381	APHA	--
2	Temperature	°C	27.6	APHA	--
3	Turbidity	NTU	0.3	APHA	--
4	pH	--	7.73	APHA	5.5-9.0
5	Total Suspended Solids	mg/lit.	48	APHA	NMT 100 mg/lit
6	Total Dissolved Solids	mg/lit.	244	APHA	--
7	Total Hardness (as CaCO ₃)	mg/lit.	82	APHA	--
8	Total Alkalinity (as CaCO ₃)	mg/lit.	50	APHA	--
9	Phenolphthalein Alkalinity	mg/lit.	BDL	APHA	--
10	Calcium (as Ca)	mg/lit.	24	APHA	--
11	Magnesium (as Mg)	mg/lit.	6	APHA	--
12	Chemical Oxygen Demand	mg/lit.	13	APHA	NMT 250 mg/lit
13	Bio Chemical Oxygen Demand	mg/lit.	BDL	APHA	NMT 30 mg/lit
14	Dissolved Oxygen	mg/lit.	6.4	APHA	--
15	Total Kjeldahl Nitrogen	mg/lit.	BDL	APHA	NMT 100 mg/lit
16	Total Fixed Solids	mg/lit.	112	APHA	--
17	Chloride (as Cl)	mg/lit.	46	APHA	--
18	Sulphate (as SO ₄)	mg/lit.	18	APHA	--
19	Fluoride (as F)	mg/lit.	BDL	APHA	NMT 2.0 mg/lit
20	Nitrate (as NO ₃)	mg/lit.	BDL	APHA	NMT 10 mg/lit
21	Chromium (as Cr)	mg/lit.	BDL	APHA	NMT 2.0 mg/lit
22	Total Phosphate (as PO ₄)	mg/lit.	BDL	APHA	NMT 5.0 mg/lit
23	Sodium (as Na)	mg/lit.	14.25	APHA	--
24	Ammonia (as NH ₃)	mg/lit.	BDL	APHA	NMT 5.0 mg/lit
25	Zinc (as Zn)	mg/lit.	0.18	APHA	NMT 5.0 mg/lit
26	Iron (as Fe)	mg/lit.	0.36	APHA	0.3 mg/lit.

Contd../-

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TEST CERTIFICATE

Our Ref. No.	PLWS/20140603026	Issue Date	June 18, 2014			
Customer Name & Address	Pollution Control Committee, Daman.					
Customer Ref. No & Date	PCC/DDD projects/RW/2013-2014/277 Dated : 29/08/2013.					
Part A: SAMPLE PARTICULARS						
Sample Description	Daman Ganga River Water RW - A4				Packing	Plastic Carboy
Sample Quantity	5 Lit.	Sample Receipt Date		03/06/2014		
Sample Collection Date	03/06/2014	Analysis Completion Date		18/06/2014		
Analysis Start Date	03/06/2014					
Part B: SAMPLING DETAILS						
Sample Collection	Collected by Us.					
Sampling Procedure	--					
Sampling Location	Down Stream at Naroli Bridge.					
Any Other Information	--					
Part C: TEST RESULTS						
Sr. No.	Test Parameters	Unit	Results	Method	General Standards	
27	Lead (as Pb)	mg/lit.	BDL	APHA	NMT 0.1 mg/lit	
28	Nickel (as Ni)	mg/lit.	BDL	APHA	NMT 3.0 mg/lit	
29	Arsenic (as As)	mg/lit.	BDL	APHA	NMT 0.2 mg/lit	
30	Mercury (as Hg)	mg/lit.	BDL	APHA	NMT 0.01 mg/lit	
31	Cadmium (as Cd)	mg/lit.	BDL	APHA	NMT 2.0 mg/lit	
32	Boron (as B)	mg/lit.	BDL	APHA	NMT 5 mg/lit.	
33	Copper (as Cu)	mg/lit.	1.16	APHA	NMT 3.0 mg/lit	
34	Potassium (as K)	mg/lit.	BDL	APHA	--	
35	Alpha BHC	mg/lit.	BDL	APHA	Absent	
36	Beta BHC	mg/lit.	BDL	APHA	Absent	
37	Gamma BHC	mg/lit.	BDL	APHA	Absent	
38	OP-DDT	mg/lit.	BDL	APHA	Absent	
39	PP-DDT	mg/lit.	BDL	APHA	Absent	
40	A-Endosulphan	mg/lit.	BDL	APHA	Absent	
41	B-Endosulphan	mg/lit.	BDL	APHA	Absent	
42	Dieldrin	mg/lit.	BDL	APHA	Absent	
43	Carbaryl (Carbamate)	mg/lit.	BDL	APHA	Absent	
44	2,4-D	mg/lit.	BDL	APHA	Absent	
45	Aldrin	mg/lit.	BDL	APHA	Absent	
46	Malathian	mg/lit.	BDL	APHA	Absent	
47	Methyl parathion	mg/lit.	BDL	APHA	Absent	
48	Anilophos	mg/lit.	BDL	APHA	Absent	
49	Chloropyriphos	mg/lit.	BDL	APHA	Absent	
50	Microbiological Test					
	Total Coliform	cfu/100ml	350	IS	0/100 ml	
	Fecal Coliform	cfu/100ml	<10	IS	0/100 ml	

Part D: REMARKS: BDL = Below Detection Limit.

Note: This report is subjected to the terms and conditions mentioned overleaf

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TEST CERTIFICATE

Our Ref. No.	PL/WS/20140603027	Issue Date	June 18, 2014			
Customer Name & Address	Pollution Control Committee, Daman.					
Customer Ref. No & Date	PCC/DDD projects/RW/2013-2014/277 Dated : 29/08/2013.					
Part A: SAMPLE PARTICULARS						
Sample Description	Daman Ganga River Water RW - A5				Packing	Plastic Carboy
Sample Quantity	5 Lit.	Packing				
Sample Collection Date	03/06/2014	Sample Receipt Date		03/06/2014		
Analysis Start Date	03/06/2014	Analysis Completion Date		18/06/2014		
Part B: SAMPLING DETAILS						
Sample Collection	Collected by Us.					
Sampling Procedure	--					
Sampling Location	Down Stream Vapi Weir.					
Any Other Information	--					
Part C: TEST RESULTS						
Sr. No.	Test Parameters	Unit	Results	Method	General Standards	
1	Conductivity	µmhos/cm	378	APHA	--	
2	Temperature	°C	27.6	APHA	--	
3	Turbidity	NTU	0.2	APHA	--	
4	pH	--	7.76	APHA	5.5-9.0	
5	Total Suspended Solids	mg/lit.	15	APHA	NMT 100 mg/lit	
6	Total Dissolved Solids	mg/lit.	240	APHA	--	
7	Total Hardness (as CaCO ₃)	mg/lit.	98	APHA	--	
8	Total Alkalinity (as CaCO ₃)	mg/lit.	55	APHA	--	
9	Phenolphthalein Alkalinity	mg/lit.	BDL	APHA	--	
10	Calcium (as Ca)	mg/lit.	27	APHA	--	
11	Magnesium (as Mg)	mg/lit.	8	APHA	--	
12	Chemical Oxygen Demand	mg/lit.	BDL	APHA	NMT 250 mg/lit	
13	Bio Chemical Oxygen Demand	mg/lit.	BDL	APHA	NMT 30 mg/lit	
14	Dissolved Oxygen	mg/lit.	6.8	APHA	--	
15	Total Kjeldahl Nitrogen	mg/lit.	BDL	APHA	NMT. 100 mg/lit	
16	Total Fixed Solids	mg/lit.	210	APHA	--	
17	Chloride (as Cl ⁻)	mg/lit.	25	APHA	--	
18	Sulphate (as SO ₄)	mg/lit.	5.8	APHA	--	
19	Fluoride (as F ⁻)	mg/lit.	BDL	APHA	NMT 2.0 mg/lit	
20	Nitrate (as NO ₃)	mg/lit.	BDL	APHA	NMT 10 mg/lit	
21	Chromium (as Cr)	mg/lit.	BDL	APHA	NMT 2.0 mg/lit	
22	Total Phosphate (as PO ₄)	mg/lit.	BDL	APHA	NMT 5.0 mg/lit	
23	Sodium (as Na)	mg/lit.	18	APHA	--	
24	Ammonia (as NH ₃)	mg/lit.	1	APHA	NMT 5.0 mg/lit	
25	Zinc (as Zn)	mg/lit.	BDL	APHA	NMT 5.0 mg/lit	
26	Iron (as Fe)	mg/lit.	BDL	APHA	0.3 mg/lit.	

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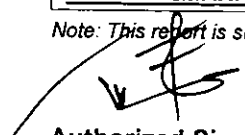
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TEST CERTIFICATE

Our Ref. No.	PLWS/20140603027	Issue Date	June 18, 2014		
Customer Name & Address	Pollution Control Committee, Daman.				
Customer Ref. No & Date	PCC/DDD projects/RW/2013-2014/277 Dated : 29/08/2013.				
Part A: SAMPLE PARTICULARS					
Sample Description	Daman Ganga River Water RW - A5				
Sample Quantity	5 Lit.	Packing	Plastic Carboy		
Sample Collection Date	03/06/2014	Sample Receipt Date	03/06/2014		
Analysis Start Date	03/06/2014	Analysis Completion Date	18/06/2014		
Part B: SAMPLING DETAILS					
Sample Collection	Collected by Us.				
Sampling Procedure	--				
Sampling Location	Down Stream Vapi Weir.				
Any Other Information	--				
Part C: TEST RESULTS					
Sr. No.	Test Parameters	Unit	Results	Method	General Standards
27	Lead (as Pb)	mg/lit.	BDL	APHA	NMT 0.1 mg/lit
28	Nickel (as Ni)	mg/lit.	BDL	APHA	NMT 3.0 mg/lit
29	Arsenic (as As)	mg/lit.	BDL	APHA	NMT 0.2 mg/lit
30	Mercury (as Hg)	mg/lit.	BDL	APHA	NMT 0.01 mg/lit
31	Cadmium (as Cd)	mg/lit.	BDL	APHA	NMT 2.0 mg/lit
32	Boron (as B)	mg/lit.	BDL	APHA	NMT 5 mg/lit
33	Copper (as Cu)	mg/lit.	BDL	APHA	NMT 3.0 mg/lit
34	Potassium (as K)	mg/lit.	1.60	APHA	--
35	Alpha BHC	mg/lit.	BDL	APHA	Absent
36	Beta BHC	mg/lit.	BDL	APHA	Absent
37	Gamma BHC	mg/lit.	BDL	APHA	Absent
38	OP-DDT	mg/lit.	BDL	APHA	Absent
39	PP-DDT	mg/lit.	BDL	APHA	Absent
40	A-Endosulphan	mg/lit.	BDL	APHA	Absent
41	B-Endosulphan	mg/lit.	BDL	APHA	Absent
42	Dieldrin	mg/lit.	BDL	APHA	Absent
43	Carbaryl (Carbamate)	mg/lit.	BDL	APHA	Absent
44	2,4-D	mg/lit.	BDL	APHA	Absent
45	Aldrin	mg/lit.	BDL	APHA	Absent
46	Malathian	mg/lit.	BDL	APHA	Absent
47	Methyl parathion	mg/lit.	BDL	APHA	Absent
48	Anilophos	mg/lit.	BDL	APHA	Absent
49	Chloropyriphos	mg/lit.	BDL	APHA	Absent
50	Microbiological Test				
	Total Coliform	cfu/100ml	650	IS	0/100 ml
	Fecal Coliform	cfu/100ml	20	IS	0/100 ml
Part D: REMARKS: BDL = Below Detection Limit.					

Note: This report is subjected to the terms and conditions mentioned overleaf


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TEST CERTIFICATE

Our Ref. No.	PL/WS/20140603028	Issue Date	June 18, 2014			
Customer Name & Address	Pollution Control Committee, Daman.					
Customer Ref. No & Date	PCC/DDD projects/RW/2013-2014/277 Dated : 29/08/2013.					
Part A: SAMPLE PARTICULARS						
Sample Description	Daman Ganga River Water RW – A6				Packing	Plastic Carboy
Sample Quantity	5 Lit.	Sample Receipt Date		03/06/2014		
Sample Collection Date	03/06/2014	Analysis Completion Date		18/06/2014		
Analysis Start Date	03/06/2014					
Part B: SAMPLING DETAILS						
Sample Collection	Collected by Us.					
Sampling Procedure	--					
Sampling Location	Down Stream Near Namdha Village.					
Any Other Information	--					
Part C: TEST RESULTS						
Sr. No.	Test Parameters	Unit	Results	Method	General Standards	
1	Conductivity	µmhos/cm	25623	APHA	--	
2	Temperature	°C	27.5	APHA	--	
3	Turbidity	NTU	0.5	APHA	--	
4	pH	--	7.74	APHA	5.5-9.0	
5	Total Suspended Solids	mg/lit.	7	APHA	NMT 100 mg/lit	
6	Total Dissolved Solids	mg/lit.	16398	APHA	--	
7	Total Hardness (as CaCO ₃)	mg/lit.	2940	APHA	--	
8	Total Alkalinity (as CaCO ₃)	mg/lit.	80	APHA	--	
9	Phenolphthalein Alkalinity	mg/lit.	BDL	APHA	--	
10	Calcium (as Ca)	mg/lit.	923	APHA	--	
11	Magnesium (as Mg)	mg/lit.	155	APHA	--	
12	Chemical Oxygen Demand	mg/lit.	458	APHA	NMT 250 mg/lit	
13	Bio Chemical Oxygen Demand	mg/lit.	112	APHA	NMT 30 mg/lit	
14	Dissolved Oxygen	mg/lit.	2.8	APHA	--	
15	Total Kjeldahl Nitrogen	mg/lit.	25	APHA	NMT 100 mg/lit	
16	Total Fixed Solids	mg/lit.	13145	APHA	--	
17	Chloride (as Cl)	mg/lit.	5464	APHA	--	
18	Sulphate (as SO ₄)	mg/lit.	2120	APHA	--	
19	Fluoride (as F ⁻)	mg/lit.	BDL	APHA	NMT 2.0 mg/lit	
20	Nitrate (as NO ₃)	mg/lit.	BDL	APHA	NMT 10 mg/lit	
21	Chromium (as Cr)	mg/lit.	BDL	APHA	NMT 2.0 mg/lit	
22	Total Phosphate (as PO ₄)	mg/lit.	BDL	APHA	NMT 5.0 mg/lit	
23	Sodium (as Na)	mg/lit.	4225	APHA	--	
24	Ammonia (as NH ₃)	mg/lit.	21	APHA	NMT 5.0 mg/lit	
25	Zinc (as Zn)	mg/lit.	0.03	APHA	NMT 5.0 mg/lit	
26	Iron (as Fe)	mg/lit.	0.72	APHA	0.3 mg/lit.	

Contd../-


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TEST CERTIFICATE

Our Ref. No.	PLWS/20140603028	Issue Date	June 18, 2014		
Customer Name & Address	Pollution Control Committee, Daman.				
Customer Ref. No & Date	PCC/DDD projects/RW/2013-2014/277 Dated : 29/08/2013.				
Part A: SAMPLE PARTICULARS					
Sample Description	Daman Ganga River Water RW – A6				
Sample Quantity	5 Lit.	Packing	Plastic Carboy		
Sample Collection Date	03/06/2014	Sample Receipt Date	03/06/2014		
Analysis Start Date	03/06/2014	Analysis Completion Date	18/06/2014		
Part B: SAMPLING DETAILS					
Sample Collection	Collected by Us.				
Sampling Procedure	--				
Sampling Location	Down Stream Near Namdha Village.				
Any Other Information	--				
Part C: TEST RESULTS					
Sr. No.	Test Parameters	Unit	Results	Method	General Standards
27	Lead (as Pb)	mg/lit.	BDL	APHA	NMT 0.1 mg/lit
28	Nickel (as Ni)	mg/lit.	BDL	APHA	NMT 3.0 mg/lit
29	Arsenic (as As)	mg/lit.	BDL	APHA	NMT 0.2 mg/lit
30	Mercury (as Hg)	mg/lit.	BDL	APHA	NMT 0.01 mg/lit
31	Cadmium (as Cd)	mg/lit.	BDL	APHA	NMT 2.0 mg/lit
32	Boron (as B)	mg/lit.	BDL	APHA	NMT 5 mg/lit.
33	Copper (as Cu)	mg/lit.	BDL	APHA	NMT 3.0 mg/lit
34	Potassium (as K)	mg/lit.	254	APHA	--
35	Alpha BHC	mg/lit.	BDL	APHA	Absent
36	Beta BHC	mg/lit.	BDL	APHA	Absent
37	Gamma BHC	mg/lit.	BDL	APHA	Absent
38	OP-DDT	mg/lit.	BDL	APHA	Absent
39	PP-DDT	mg/lit.	BDL	APHA	Absent
40	A-Endosulphan	mg/lit.	BDL	APHA	Absent
41	B-Endosulphan	mg/lit.	BDL	APHA	Absent
42	Dieldrin	mg/lit.	BDL	APHA	Absent
43	Carbaryl (Carbamate)	mg/lit.	BDL	APHA	Absent
44	2,4-D	mg/lit.	BDL	APHA	Absent
45	Aldrin	mg/lit.	BDL	APHA	Absent
46	Malathian	mg/lit.	BDL	APHA	Absent
47	Methyl parathion	mg/lit.	BDL	APHA	Absent
48	Anilophos	mg/lit.	BDL	APHA	Absent
49	Chloropyriphos	mg/lit.	BDL	APHA	Absent
50	Microbiological Test				
	Total Coliform	cfu/100ml	9000	IS	0/100 ml
	Fecal Coliform	cfu/100ml	250	IS	0/100 ml
Part D: REMARKS: BDL = Below Detection Limit.					

Note: This report is subjected to the terms and conditions mentioned overleaf



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C I N : U85195GJ2013PTC075258

TEST CERTIFICATE

Our Ref. No.	PLWS/20140603029	Issue Date	June 18, 2014		
Customer Name & Address	Pollution Control Committee, Daman.				
Customer Ref. No & Date	PCC/DDD projects/RW/2013-2014/277 Dated : 29/08/2013.				
Part A: SAMPLE PARTICULARS					
Sample Description	Daman Ganga River Water RW – A7				
Sample Quantity	5 Lit.	Packing	Plastic Carboy		
Sample Collection Date	03/06/2014	Sample Receipt Date	03/06/2014		
Analysis Start Date	03/06/2014	Analysis Completion Date	18/06/2014		
Part B: SAMPLING DETAILS					
Sample Collection	Collected by Us.				
Sampling Procedure	--				
Sampling Location	Down Stream Zari Causeway Bridge.				
Any Other Information	--				
Part C: TEST RESULTS					
Sr. No.	Test Parameters	Unit	Results	Method	General Standards
1	Conductivity	µmhos/cm	28461	APHA	--
2	Temperature	°C	27.6	APHA	--
3	Turbidity	NTU	0.3	APHA	--
4	pH	--	7.73	APHA	5.5-9.0
5	Total Suspended Solids	mg/lit.	20	APHA	NMT 100 mg/lit
6	Total Dissolved Solids	mg/lit.	18526	APHA	--
7	Total Hardness (as CaCO ₃)	mg/lit.	3675	APHA	--
8	Total Alkalinity (as CaCO ₃)	mg/lit.	158	APHA	--
9	Phenolphthalein Alkalinity	mg/lit.	BDL	APHA	--
10	Calcium (as Ca)	mg/lit.	1197	APHA	--
11	Magnesium (as Mg)	mg/lit.	167	APHA	--
12	Chemical Oxygen Demand	mg/lit.	826	APHA	NMT 250 mg/lit
13	Bio Chemical Oxygen Demand	mg/lit.	173	APHA	NMT 30 mg/lit
14	Dissolved Oxygen	mg/lit.	2.5	APHA	--
15	Total Kjeldahl Nitrogen	mg/lit.	23	APHA	NMT 100 mg/lit
16	Total Fixed Solids	mg/lit.	17915	APHA	--
17	Chloride (as Cl ⁻)	mg/lit.	6253	APHA	--
18	Sulphate (as SO ₄)	mg/lit.	2250	APHA	--
19	Fluoride (as F ⁻)	mg/lit.	BDL	APHA	NMT 2.0 mg/lit
20	Nitrate (as NO ₃)	mg/lit.	BDL	APHA	NMT 10 mg/lit
21	Chromium (as Cr)	mg/lit.	BDL	APHA	NMT 2.0 mg/lit
22	Total Phosphate (as PO ₄)	mg/lit.	BDL	APHA	NMT 5.0 mg/lit
23	Sodium (as Na)	mg/lit.	7900	APHA	--
24	Ammonia (as NH ₃)	mg/lit.	17	APHA	NMT 5.0 mg/lit
25	Zinc (as Zn)	mg/lit.	0.05	APHA	NMT 5.0 mg/lit
26	Iron (as Fe)	mg/lit.	0.25	APHA	0.3 mg/lit.

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C I N : U85195GJ2013PTC075258

TEST CERTIFICATE

Our Ref. No.	PLWS/20140603029	Issue Date	June 18, 2014		
Customer Name & Address	Pollution Control Committee, Daman.				
Customer Ref. No & Date	PCC/DDD projects/RW/2013-2014/277 Dated : 29/08/2013.				
Part A: SAMPLE PARTICULARS					
Sample Description	Daman Ganga River Water RW – A7				
Sample Quantity	5 Lit.	Packing	Plastic Carboy		
Sample Collection Date	03/06/2014	Sample Receipt Date	03/06/2014		
Analysis Start Date	03/06/2014	Analysis Completion Date	18/06/2014		
Part B: SAMPLING DETAILS					
Sample Collection	Collected by Us.				
Sampling Procedure	--				
Sampling Location	Down Stream Zari Causeway Bridge.				
Any Other Information	--				
Part C: TEST RESULTS					
Sr. No.	Test Parameters	Unit	Results	Method	General Standards
27	Lead (as Pb)	mg/lit.	BDL	APHA	NMT 0.1 mg/lit
28	Nickel (as Ni)	mg/lit.	BDL	APHA	NMT 3.0 mg/lit
29	Arsenic (as As)	mg/lit.	BDL	APHA	NMT 0.2 mg/lit
30	Mercury (as Hg)	mg/lit.	BDL	APHA	NMT 0.01 mg/lit
31	Cadmium (as Cd)	mg/lit.	BDL	APHA	NMT 2.0 mg/lit
32	Boron (as B)	mg/lit.	BDL	APHA	NMT 5 mg/lit.
33	Copper (as Cu)	mg/lit.	BDL	APHA	NMT 3.0 mg/lit
34	Potassium (as K)	mg/lit.	313	APHA	--
35	Alpha BHC	mg/lit.	BDL	APHA	Absent
36	Beta BHC	mg/lit.	BDL	APHA	Absent
37	Gamma BHC	mg/lit.	BDL	APHA	Absent
38	OP-DDT	mg/lit.	BDL	APHA	Absent
39	PP-DDT	mg/lit.	BDL	APHA	Absent
40	A-Endosulphan	mg/lit.	BDL	APHA	Absent
41	B-Endosulphan	mg/lit.	BDL	APHA	Absent
42	Dieldrin	mg/lit.	BDL	APHA	Absent
43	Carbaryl (Carbamate)	mg/lit.	BDL	APHA	Absent
44	2,4-D	mg/lit.	BDL	APHA	Absent
45	Aldrin	mg/lit.	BDL	APHA	Absent
46	Malathian	mg/lit.	BDL	APHA	Absent
47	Methyl parathion	mg/lit.	BDL	APHA	Absent
48	Anilophos	mg/lit.	BDL	APHA	Absent
49	Chloropyriphos	mg/lit.	BDL	APHA	Absent
50	Microbiological Test				
	Total Coliform	cfu/100ml	1700	IS	0/100 ml
	Fecal Coliform	cfu/100ml	350	IS	0/100 ml
Part D: REMARKS: BDL = Below Detection Limit.					

Note: This report is subjected to the terms and conditions mentioned overleaf

Authorized Signatory.

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C I N U85195GJ2013PTC075258

TEST CERTIFICATE

Our Ref. No.	PLAWS/20140603030	Issue Date	June 18, 2014		
Customer Name & Address	Pollution Control Committee, Daman.				
Customer Ref. No & Date	PCC/DDD projects/RW/2013-2014/277 Dated: 29/08/2013.				
Part A: SAMPLE PARTICULARS					
Sample Description	Daman Ganga River Water RW – A8				
Sample Quantity	5 Lit.	Packing	Plastic Carboy		
Sample Collection Date	03/06/2014	Sample Receipt Date	03/06/2014		
Analysis Start Date	03/06/2014	Analysis Completion Date	18/06/2014		
Part B: SAMPLING DETAILS					
Sample Collection	Collected by Us.				
Sampling Procedure	--				
Sampling Location	Down Stream At Khemani Diffuser Point.				
Any Other Information	--				
Part C: TEST RESULTS					
Sr. No.	Test Parameters	Unit	Results	Method	General Standards
1	Conductivity	µmhos/cm	14018	APHA	--
2	Temperature	°C	27.3	APHA	--
3	Turbidity	NTU	1.6	APHA	--
4	pH	--	7.24	APHA	5.5-9.0
5	Total Suspended Solids	mg/lit.	33	APHA	NMT 100 mg/lit
6	Total Dissolved Solids	mg/lit.	8972	APHA	--
7	Total Hardness (as CaCO ₃)	mg/lit.	1124	APHA	--
8	Total Alkalinity (as CaCO ₃)	mg/lit.	40	APHA	--
9	Phenolphthalein Alkalinity	mg/lit.	BDL	APHA	--
10	Calcium (as Ca)	mg/lit.	255	APHA	--
11	Magnesium (as Mg)	mg/lit.	167	APHA	--
12	Chemical Oxygen Demand	mg/lit.	159	APHA	NMT 250 mg/lit
13	Bio Chemical Oxygen Demand	mg/lit.	33	APHA	NMT 30 mg/lit
14	Dissolved Oxygen	mg/lit.	4.2	APHA	--
15	Total Kjeldahl Nitrogen	mg/lit.	BDL	APHA	NMT 100 mg/lit
16	Total Fixed Solids	mg/lit.	3341	APHA	--
17	Chloride (as Cl ⁻)	mg/lit.	2741	APHA	--
18	Sulphate (as SO ₄)	mg/lit.	614	APHA	--
19	Fluoride (as F ⁻)	mg/lit.	0.2	APHA	NMT 2.0 mg/lit
20	Nitrate (as NO ₃)	mg/lit.	4	APHA	NMT 10 mg/lit
21	Chromium (as Cr)	mg/lit.	BDL	APHA	NMT 2.0 mg/lit
22	Total Phosphate (as PO ₄)	mg/lit.	BDL	APHA	NMT 5.0 mg/lit
23	Sodium (as Na)	mg/lit.	1554	APHA	--
24	Ammonia (as NH ₃)	mg/lit.	BDL	APHA	NMT 5.0 mg/lit
25	Zinc (as Zn)	mg/lit.	0.02	APHA	NMT 5.0 mg/lit
26	Iron (as Fe)	mg/lit.	BDL	APHA	0.3 mg/lit.

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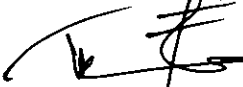
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C I N : U85195GJ2013PTC075258

TEST CERTIFICATE

Our Ref. No.	PLAWS/20140603030	Issue Date	June 18, 2014		
Customer Name & Address	Pollution Control Committee, Daman.				
Customer Ref. No & Date	PCC/DDD projects/RW/2013-2014/277 Dated : 29/08/2013.				
Part A: SAMPLE PARTICULARS					
Sample Description	Daman Ganga River Water RW – A8				
Sample Quantity	5 Lit.	Packing	Plastic Carboy		
Sample Collection Date	03/06/2014	Sample Receipt Date	03/06/2014		
Analysis Start Date	03/06/2014	Analysis Completion Date	18/06/2014		
Part B: SAMPLING DETAILS					
Sample Collection	Collected by Us.				
Sampling Procedure	--				
Sampling Location	Down Stream At Khemani Diffuser Point.				
Any Other Information	--				
Part C: TEST RESULTS					
Sr. No.	Test Parameters	Unit	Results	Method	General Standards
27	Lead (as Pb)	mg/lit.	BDL	APHA	NMT 0.1 mg/lit
28	Nickel (as Ni)	mg/lit.	BDL	APHA	NMT 3.0 mg/lit
29	Arsenic (as As)	mg/lit.	BDL	APHA	NMT 0.2 mg/lit
30	Mercury (as Hg)	mg/lit.	BDL	APHA	NMT 0.01 mg/lit
31	Cadmium (as Cd)	mg/lit.	BDL	APHA	NMT 2.0 mg/lit
32	Boron (as B)	mg/lit.	BDL	APHA	NMT 5 mg/lit.
33	Copper (as Cu)	mg/lit.	BDL	APHA	NMT 3.0 mg/lit
34	Potassium (as K)	mg/lit.	256	APHA	--
35	Alpha BHC	mg/lit.	BDL	APHA	Absent
36	Beta BHC	mg/lit.	BDL	APHA	Absent
37	Gamma BHC	mg/lit.	BDL	APHA	Absent
38	OP-DDT	mg/lit.	BDL	APHA	Absent
39	PP-DDT	mg/lit.	BDL	APHA	Absent
40	A-Endosulphan	mg/lit.	BDL	APHA	Absent
41	B-Endosulphan	mg/lit.	BDL	APHA	Absent
42	Dieldrin	mg/lit.	BDL	APHA	Absent
43	Carbaryl (Carbamate)	mg/lit.	BDL	APHA	Absent
44	2,4-D	mg/lit.	BDL	APHA	Absent
45	Aldrin	mg/lit.	BDL	APHA	Absent
46	Malathion	mg/lit.	BDL	APHA	Absent
47	Methyl parathion	mg/lit.	BDL	APHA	Absent
48	Anilophos	mg/lit.	BDL	APHA	Absent
49	Chloropyriphos	mg/lit.	BDL	APHA	Absent
50	Microbiological Test				
	Total Coliform	cfu/100ml	9000	IS	0/100 ml
	Fecal Coliform	cfu/100ml	350	IS	0/100 ml
Part D: REMARKS: BDL = Below Detection Limit.					

Note: This report is subjected to the terms and conditions mentioned overleaf


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 C I N : U85195GJ2013PTC075258

TEST CERTIFICATE

Our Ref. No.	PLWS/20140603031	Issue Date	June 18, 2014		
Customer Name & Address	Pollution Control Committee, Daman.				
Customer Ref. No & Date	PCC/DDD projects/RW/2013-2014/277 Dated : 29/08/2013.				
Part A: SAMPLE PARTICULARS					
Sample Description	Daman Ganga River Water RW – A9				
Sample Quantity	5 Lit.	Packing	Plastic Carboy		
Sample Collection Date	03/06/2014	Sample Receipt Date	03/06/2014		
Analysis Start Date	03/06/2014	Analysis Completion Date	18/06/2014		
Part B: SAMPLING DETAILS					
Sample Collection	Collected by Us.				
Sampling Procedure	--				
Sampling Location	Down Stream Moti Daman Jetty.				
Any Other Information	--				
Part C: TEST RESULTS					
Sr. No.	Test Parameters	Unit	Results	Method	General Standards
1	Conductivity	µmhos/cm	56899	APHA	--
2	Temperature	°C	27.6	APHA	--
3	Turbidity	NTU	8	APHA	--
4	pH	--	7.33	APHA	5.5-9.0
5	Total Suspended Solids	mg/lit.	54	APHA	NMT 100 mg/lit
6	Total Dissolved Solids	mg/lit.	36445	APHA	--
7	Total Hardness (as CaCO ₃)	Mg/lit.	4618	APHA	--
8	Total Alkalinity (as CaCO ₃)	mg/lit.	97	APHA	--
9	Phenolphthalein Alkalinity	mg/lit.	BDL	APHA	--
10	Calcium (as Ca)	mg/lit.	1531	APHA	--
11	Magnesium (as Mg)	mg/lit.	310	APHA	--
12	Chemical Oxygen Demand	mg/lit.	691	APHA	NMT 250 mg/lit
13	Bio Chemical Oxygen Demand	mg/lit.	138	APHA	NMT 30 mg/lit
14	Dissolved Oxygen	mg/lit.	4.5	APHA	--
15	Total Kjeldahl Nitrogen	mg/lit.	7	APHA	NMT 100 mg/lit
16	Total Fixed Solids	mg/lit.	34100	APHA	--
17	Chloride (as Cl ⁻)	mg/lit.	19653	APHA	--
18	Sulphate (as SO ₄)	mg/lit.	2830	APHA	--
19	Fluoride (as F ⁻)	mg/lit.	BDL	APHA	NMT 2.0 mg/lit
20	Nitrate (as NO ₃)	mg/lit.	BDL	APHA	NMT 10 mg/lit
21	Chromium (as Cr)	mg/lit.	BDL	APHA	NMT 2.0 mg/lit
22	Total Phosphate (as PO ₄)	mg/lit.	BDL	APHA	NMT 5.0 mg/lit
23	Sodium (as Na)	mg/lit.	11450	APHA	--
24	Ammonia (as NH ₃)	mg/lit.	5	APHA	NMT 5.0 mg/lit
25	Zinc (as Zn)	mg/lit.	0.04	APHA	NMT 5.0 mg/lit
26	Iron (as Fe)	mg/lit.	2.41	APHA	0.3 mg/lit.

Contd../-

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C I N : U85185GJ2013PTC075258

TEST CERTIFICATE

Our Ref. No.	PLWS/20140603031	Issue Date	June 18, 2014			
Customer Name & Address	Pollution Control Committee, Daman.					
Customer Ref. No & Date	PCC/DDD projects/RW/2013-2014/277 Dated : 29/08/2013.					
Part A: SAMPLE PARTICULARS						
Sample Description	Daman Ganga River Water RW – A9				Packing	Plastic Carboy
Sample Quantity	5 Lit.	Packing		Sample Receipt Date	03/06/2014	
Sample Collection Date	03/06/2014	Sample Receipt Date		Analysis Completion Date	18/06/2014	
Analysis Start Date	03/06/2014	Analysis Completion Date				
Part B: SAMPLING DETAILS						
Sample Collection	Collected by Us.					
Sampling Procedure	--					
Sampling Location	Down Stream Moti Daman Jetty.					
Any Other Information	--					
Part C: TEST RESULTS						
Sr. No.	Test Parameters	Unit	Results	Method	General Standards	
27	Lead (as Pb)	mg/lit.	0.32	APHA	NMT 0.1 mg/lit	
28	Nickel (as Ni)	mg/lit.	BDL	APHA	NMT 3.0 mg/lit	
29	Arsenic (as As)	mg/lit.	BDL	APHA	NMT 0.2 mg/lit	
30	Mercury (as Hg)	mg/lit.	BDL	APHA	NMT 0.01 mg/lit	
31	Cadmium (as Cd)	mg/lit.	BDL	APHA	NMT 2.0 mg/lit	
32	Boron (as B)	mg/lit.	BDL	APHA	NMT 5 mg/lit.	
33	Copper (as Cu)	mg/lit.	BDL	APHA	NMT 3.0 mg/lit	
34	Potassium (as K)	mg/lit.	530	APHA	--	
35	Alpha BHC	mg/lit.	BDL	APHA	Absent	
36	Beta BHC	mg/lit.	BDL	APHA	Absent	
37	Gamma BHC	mg/lit.	BDL	APHA	Absent	
38	OP-DDT	mg/lit.	BDL	APHA	Absent	
39	PP-DDT	mg/lit.	BDL	APHA	Absent	
40	A-Endosulphan	mg/lit.	BDL	APHA	Absent	
41	B-Endosulphan	mg/lit.	BDL	APHA	Absent	
42	Dieldrin	mg/lit.	BDL	APHA	Absent	
43	Carbaryl (Carbamate)	mg/lit.	BDL	APHA	Absent	
44	2,4-D	mg/lit.	BDL	APHA	Absent	
45	Aldrin	mg/lit.	BDL	APHA	Absent	
46	Malathion	mg/lit.	BDL	APHA	Absent	
47	Methyl parathion	mg/lit.	BDL	APHA	Absent	
48	Anilophos	mg/lit.	BDL	APHA	Absent	
49	Chloropyriphos	mg/lit.	BDL	APHA	Absent	
50	Microbiological Test					
	Total Coliform	cfu/100ml	80	IS	0/100 ml	
	Fecal Coliform	cfu/100ml	20	IS	0/100 ml	
Part D: REMARKS: BDL = Below Detection Limit.						

Note: This report is subjected to the terms and conditions mentioned overleaf


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C I N : U85195GJ2013PTC075258

TEST REPORT

Report No.	UERL /14/05/L-118	Date Of Report	03/06/2014
Name & Address of Customer	M/s. Pollution Control Committee. U.T. of DD and DNH. Daman.	Station Code No.	
		A ₃	
Sample Details	River Water	Sample Qty.	5 Lit.
Sampling Date	26/05/2014	Sample Received Date	26/05/2014
Sampled By	P.C.C. Hand Over to Us.	Appearance Of Sample	Colourless
Test Started Date	26/05/2014	Test Completion Date	02/06/2014
UERL Lab Sample ID.No. 14/05/L-118			

TEST RESULTS

Sr. No.	Parameters	Test Method	Limit as per IS:10500:2012	Unit Of Measurement	Results
1.	Colour	IS 3025(Part 4)1983	5 Hazen unit	Hazen unit	1(10)
2.	Odour	IS 3025(Part 5)1983	Unobjectionable	--	Unobjectionable
3.	Temperature	IS 3025(Part 9)1984	--	^o C	32
4.	Dissolve Oxygen	IS 3025(Part 38)1989, (APHA 22 nd Ed.,2012.4500-O,B)	--	mg/L	7.8
5.	pH at 25 ^o C	IS 3025(Part 11)1983, (APHA 22 nd Ed.,2012,4500-H'B)	6.5 - 8.5	Unit	7.81
6.	Conductivity	IS 3025(Part 14)1984	--	μs	200.2
7.	BOD (3 days at 27 ^o C)	IS 3025(Part 44)1993Amd.01	--	mg/L	N.D.
8.	Nitrate as N	(APHA 22 nd Ed.,2012.4500 NO ₃ -B)	45	mg/L	N.D.
9.	Nitrite- N	APHA 22 nd Ed.,2012.4500NO ₂ B	--	mg/L	N.D.
10.	Arsenic	APHA 22 nd Ed.,2012,3114-C	0.01	mg/L	N.D.
11.	Cadmium	IS 3025(Part 41)1992, (APHA 22 nd Ed.,2012,3111-B)	0.003	mg/L	0.01
12.	Copper	IS 3025(Part 42)1992amd.01, (APHA 22 nd Ed.,2012,3111-B)	0.05	mg/L	0.01
13.	Lead	IS 3025(Part 47)1994Amd.02, (APHA 22 nd Ed.,2012,3111-B)	0.01	mg/L	N.D.
14.	Chromium	IS 3025(Part 52)2003, (APHA 22 nd Ed.,2012,3111-B)	0.05	mg/L	N.D.
15.	Nickel	IS 3025(Part 54)2003, (APHA 22 nd Ed.,2012,3111-B)	0.02	mg/L	0.04
16.	Zinc	IS 3025(Part 49)1994, (APHA 22 nd Ed.,2012,3111-B)	5	mg/L	BDL(<0.1)
17.	Mercury	(APHA 22 nd Ed.,2012,3112-B)	0.001	mg/L	N.D.
18.	Iron	IS 3025(Part 53)2003, (APHA 22 nd Ed.,2012,3111-B)	0.3	mg/L	0.16
19.	Cyanide	IS 3025(Part 27)1986	0.05	mg/L	N.D.
20.	Turbidity	IS 3025(Part 10)1984	1	NTU	BDL(<1.0)

TEST REPORT

Report No.	UERL /14/05/L-118	Date Of Report	03/06/2014
Name & Address of Customer	M/s. Pollution Control Committee. U.T. of DD and DNH. Daman.	Station Code No.	A ₃
Sample Details	River water	Sample Qty.	5 Lit.
Sampling Date	26/05/2014	Sample Received Date	26/05/2014
Sampled By	P.C.C. Hand Over to Us.	Appearance Of Sample	Colourless
Test Started Date	26/05/2014	Test Completion Date	02/06/2014
UERL Lab Sample ID.No. 14/05/L-118			

TEST RESULTS

Sr. No.	Parameters	Test Method	Limit as per IS:10500:2012	Unit Of Measurement	Results
21.	Carbonate as CaCO ₃	IS 3025(Part 51)2001	--	mg/L	12.7
22.	Bicarbonate as CaCO ₃	IS 3025(Part 51)2001	--	mg/L	116.3
23.	Chloride	IS 3025(Part 32)1988 (APHA 22 nd Ed.,2012,4500-Cl)	250	mg/L	18.6
24.	COD	IS 3025(Part 58)2006. (APHA 22 nd Ed.,2012,5220-B),	--	mg/L	N.D.
25.	TKN	APHA 22 nd Ed.,2012,4500 NH ₃ - B	--	mg/L	N.D.
26.	Ammonia as N	IS 3025(Part 34)1988, (APHA 22 nd Ed.,2012,4500 NH ₃ -B&C),	0.5	mg/L	N.D.
27.	Hardness	IS 3025(Part 21)2009,Amd.1	200	mg/L	91.8
28.	Calcium	APHA 22 nd Ed.,2012,3500 Ca.B)	75	mg/L	24.5
29.	Magnesium	APHA 22 nd Ed.,2012,3500 Mg.B	30	mg/L	7.4
30.	Sulphate	IS 3025(Part 24)1986	200	mg/L	2.0
31.	Sodium	APHA 22 nd Ed.,2012,3500 Na.B	---	mg/L	7.6
32.	TDS (Total Dissolve Solids)	(APHA 22 nd Ed.,2012,2540 - C), IS 3025(Part 16)1984	500	mg/L	140
33.	TFS (Total Fixed Solids)	IS 3025(Part 18)1984.Amd.1 (APHA 22 nd Ed.,2012,2540 -E),	--	mg/L	82
34.	TSS (Total Suspended Solids)	IS 3025(Part 17)1984.Amd.1 (APHA 22 nd Ed.,2012,2540 -D),	--	mg/L	56
35.	Phosphate	(APHA 22 nd Ed.,2012,4500-P,D)	--	mg/L	0.06
36.	Ortho phosphate	(APHA 22 nd Ed.,2012,4500-P,D)	--	mg/L	N.D.
37.	Boron	--	0.5	mg/L	N.D.
38.	Potassium	APHA 22 nd Ed.,2012,3500 K,B	--	mg/L	0.9
39.	Fluoride	(APHA 22 nd Ed.,2012,4500 F,D)	1.0	mg/L	0.35
40.	% Na	By Calculation	--	%	0.0008
41.	SAR	By Calculation	--	mg/L	1.90
42.	Total Alkalinity	IS 3025(Part 23)1986, Amd.2	200	mg/L	116.6
43.	P - Alkalinity	IS 3025(Part 23)1986, Amd.2	--	mg/L	10.6

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TEST REPORT

Report No.	UERL /14/05/L-118	Date Of Report	03/06/2014
Name & Address of Customer	M/s. Pollution Control Committee. U.T. of DD and DNH. Daman.	Station Code No.	A ₃
Sample Details	River water	Sample Qty.	5 Lit.
Sampling Date	26/05/2014	Sample Received Date	26/05/2014
Sampled By	P.C.C. Hand Over to Us.	Appearance Of Sample	Colourless
Test Started Date	26/05/2014	Test Completion Date	02/06/2014
UERL Lab Sample ID.No. 14/05/L-118			

TEST RESULTS

Sr. No.	Parameters	Test Method	Limit as per IS:10500:2012	Unit Of Measurement	Results
Pesticides:					
44.	Alpha BHC	US EPA 508-1995	Absent	ppb	Absent
45.	Beta BHC	US EPA 508-1995	Absent	ppb	Absent
46.	Gama BHC	US EPA 508-1995	Absent	ppb	Absent
47.	OP DDT	US EPA 508-1995	1	ppb	Absent
48.	PP DDT	US EPA 508-1995	1	ppb	Absent
49.	Alpha Endosulphan	US EPA 508-1995	0.4	ppb	Absent
50.	Beta Endosulphan	US EPA 508-1995	0.4	ppb	Absent
51.	Dieldrin	US EPA 508-1995	0.03	ppb	Absent
52.	2-4 D	US EPA 508-1995	30	ppb	Absent
53.	Aldrin	US EPA 508-1995	0.03	ppb	Absent
54.	Chloropyrifos.	US EPA 508-1995	30	ppb	Absent
55.	Carboryl (Carbamate)	US EPA 508-1995	Absent	ppb	Absent
56.	Methyl Parathin	US EPA 508-1995	0.3	ppb	Absent
57.	Anilophos	US EPA 508-1995	Absent	ppb	Absent
58.	Malathian	US EPA 508-1995	190	ppb	Absent

Note: BDL = Below Detection Limit. Colour = 1(10) = 10 Hazen Unit, N.D. = Not Detected.

***** End of Report *****

Tested By
Jesai
(J.P.D.)
(Chemist)

Checked By
M.P.P.
(Sr. Chemist)

Authorized By
H.B.T.
(Technical Manager)
UERL/CHM/F-2/02

TEST REPORT
(Microbiology)

Report No.	MICRO/14/05/L-118	Date Of Report	03/06/2014
Name & Address of Customer	M/s. Pollution Control Committee.	Station Code No.	
	U.T. of DD and DNH, Daman.		A ₃
Sample Details	River Water	Sample Qty.	5 lit.
Sampling Date	26/05/2014	Sample Received Date	26/05/2014
Sampled By	P.C.C. Hand Over to Us.	Appearance Of Sample	Colorless
Test Started Date	27/05/2014	Test Completion Date	29/05/2014
UERL Lab Sample ID. No.	MIC/14/05/L-118		

TEST RESULTS:

Sr. No.	Parameters	Test Method	Limit as per IS:10500-2012	Unit Of Measurement	Results
1	Total Coliform	APHA 22 nd Ed.2012,9222-B	Absent	CFU/100 ml	16
2	Faecal Coliform	APHA 22 nd Ed.2012,9222-D	Absent	CFU/100 ml	4

Remarks: The sample portion tested does / doesn't comply as per drinking water specifications.

Opinions and Interpretations: (if required)

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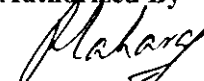
***** End of Report *****

Tested By



(Sneha A. Rana)
Jr. Microbiologist

Authorized By



(Ranjan Malharaj)
Sr. Microbiologist

TEST REPORT

Report No.	UERL /14/04/L-207	Date Of Report	07/05/2014
Name & Address of Customer	M/s. Pollution Control Committee. U.T. of DD and DNH. Daman.	Station Code No.	A ₃
Sample Details	River Water	Sample Qty.	5 Lit.
Sampling Date	29/04/2014	Sample Received Date	29/04/2014
Sampled By	P.C.C. Hand Over to Us.	Appearance Of Sample	Colourless
Test Started Date	30/04/2014	Test Completion Date	06/05/2014
UERL Lab Sample ID.No. 14/04/L-207			

TEST RESULTS

Sr. No.	Parameters	Test Method	Limit as per IS:10500:2012	Unit Of Measurement	Results
1.	Colour	IS 3025(Part 4)1983	5 Hazen unit	Hazen unit	1(10)
2.	Odour	IS 3025(Part 5)1983	Unobjectionable	--	Unobjectionable
3.	Temperature	IS 3025(Part 9)1984	--	°C	32
4.	Dissolve Oxygen	IS 3025(Part 38)1989, (APHA 22 nd Ed.,2012.4500-O.B).	--	mg/L	5.9
5.	pH at 25 °C	IS 3025(Part 11)1983, (APHA 22 nd Ed.,2012.4500-H ⁺ B)	6.5 - 8.5	Unit	7.54
6.	Conductivity	IS 3025(Part 14)1984	--	µs	196.4
7.	BOD (3 days at 27 °C)	IS 3025(Part 44)1993Amd.01	--	mg/L	N.D.
8.	Nitrate as N	(APHA 22 nd Ed.,2012.4500 NO ₃ -B)	45	mg/L	BDL(<0.1)
9.	Nitrite- N	APHA 22 nd Ed.,2012.4500NO ₂ B	--	mg/L	BDL(<0.005)
10.	Arsenic	APHA 22 nd Ed.,2012.3114-C	0.01	mg/L	N.D.
11.	Cadmium	IS 3025(Part 41)1992, (APHA 22 nd Ed.,2012.3111-B)	0.003	mg/L	N.D.
12.	Copper	IS 3025(Part 42)1992amd.01. (APHA 22 nd Ed.,2012.3111-B)	0.05	mg/L	N.D.
13.	Lead	IS 3025(Part 47)1994Amd.02. (APHA 22 nd Ed.,2012.3111-B)	0.01	mg/L	N.D.
14.	Chromium	IS 3025(Part 52)2003, (APHA 22 nd Ed.,2012.3111-B)	0.05	mg/L	N.D.
15.	Nickel	IS 3025(Part 54)2003, (APHA 22 nd Ed.,2012.3111-B)	0.02	mg/L	0.03
16.	Zinc	IS 3025(Part 49)1994, (APHA 22 nd Ed.,2012.3111-B)	5	mg/L	BDL(<0.1)
17.	Mercury	(APHA 22 nd Ed.,2012.3112-B)	0.001	mg/L	N.D.
18.	Iron	IS 3025(Part 53)2003, (APHA 22 nd Ed.,2012.3111-B)	0.3	mg/L	0.15
19.	Cyanide	IS 3025(Part 27)1986	0.05	mg/L	N.D.
20.	Turbidity	IS 3025(Part 10)1984	1	NTU	BDL(<1.0)

TEST REPORT

Report No.	UERL /14/04/L-207	Date Of Report	07/05/2014
Name & Address of Customer	M/s. Pollution Control Committee, U.T. of DD and DNH. Daman.	Station Code No.	A ₃
Sample Details	River water	Sample Qty.	5 Lit.
Sampling Date	29/04/2014	Sample Received Date	29/04/2014
Sampled By	P.C.C. Hand Over to Us.	Appearance Of Sample	Colourless
Test Started Date	30/04/2014	Test Completion Date	06/05/2014
UERL Lab Sample ID.No. 14/04/L-207			

TEST RESULTS

Sr. No.	Parameters	Test Method	Limit as per IS:10500:2012	Unit Of Measurement	Results
21.	Carbonate as CaCO ₃	IS 3025(Part 51)2001	--	mg/L	N.D.
22.	Bicarbonate as CaCO ₃	IS 3025(Part 51)2001	--	mg/L	112.2
23.	Chloride	IS 3025(Part 32)1988 (APHA 22 nd Ed.,2012,4500-Cl)	250	mg/L	7.9
24.	COD	IS 3025(Part 58)2006, (APHA 22 nd Ed.,2012,5220-B),	--	mg/L	N.D.
25.	TKN	APHA 22 nd Ed.,2012,4500 NH ₃ - B	--	mg/L	N.D.
26.	Ammonia as N	IS 3025(Part 34)1988, (APHA 22 nd Ed.,2012,4500 NH ₃ -B&C),	0.5	mg/L	N.D.
27.	Hardness	IS 3025(Part 21)2009,Amd.1	200	mg/L	77.5
28.	Calcium	APHA 22 nd Ed.,2012,3500 Ca.B)	75	mg/L	18.8
29.	Magnesium	APHA 22 nd Ed.,2012,3500 Mg.B	30	mg/L	7.4
30.	Sulphate	IS 3025(Part 24)1986	200	mg/L	4.1
31.	Sodium	APHA 22 nd Ed.,2012,3500 Na,B	---	mg/L	7.5
32.	TDS (Total Dissolve Solids)	(APHA 22 nd Ed.,2012,2540- C), IS 3025(Part 16)1984	500	mg/L	136
33.	TFS (Total Fixed Solids)	IS 3025(Part 18)1984,Amd.1 (APHA 22 nd Ed.,2012,2540 -E),	--	mg/L	76
34.	TSS (Total Suspended Solids)	IS 3025(Part 17)1984,Amd.1 (APHA 22 nd Ed.,2012,2540 -D),	--	mg/L	36
35.	Phosphate	(APHA 22 nd Ed.,2012,4500-P,D)	--	mg/L	0.12
36.	Ortho phosphate	(APHA 22 nd Ed.,2012,4500-P,D)	--	mg/L	N.D.
37.	Boron	--	0.5	mg/L	N.D.
38.	Potassium	APHA 22 nd Ed.,2012,3500 K,B	--	mg/L	0.8
39.	Fluoride	(APHA 22 nd Ed.,2012,4500 F,D)	1.0	mg/L	0.16
40.	% Na	By Calculation	--	%	0.0008
41.	SAR	By Calculation	--	mg/L	2.04
42.	Total Alkalinity	IS 3025(Part 23)1986, Amd.2	200	mg/L	92
43.	P – Alkalinity	IS 3025(Part 23)1986, Amd.2	--	mg/L	BDL(<0.5)



TEST REPORT

Report No.	UERL /14/04/L-207	Date Of Report	07/05/2014
Name & Address of Customer	M/s. Pollution Control Committee. U.T. of DD and DNH. Daman.	Station Code No.	A ₃
Sample Details	River water	Sample Qty.	5 Lit.
Sampling Date	29/04/2014	Sample Received Date	29/04/2014
Sampled By	P.C.C. Hand Over to Us.	Appearance Of Sample	Colourless
Test Started Date	30/04/2014	Test Completion Date	06/05/2014
UERL Lab Sample ID.No. 14/04/L-207			

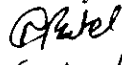
TEST RESULTS

Sr. No.	Parameters	Test Method	Limit as per IS:10500:2012	Unit Of Measurement	Results
Pesticides:					
44.	Alpha BHC	US EPA 508-1995	Absent	ppb	Absent
45.	Beta BHC	US EPA 508-1995	Absent	ppb	Absent
46.	Gama BHC	US EPA 508-1995	Absent	ppb	Absent
47.	OP DDT	US EPA 508-1995	1	ppb	Absent
48.	PP DDT	US EPA 508-1995	1	ppb	Absent
49.	Alpha Endosulphan	US EPA 508-1995	0.4	ppb	Absent
50.	Beta Endosulphan	US EPA 508-1995	0.4	ppb	Absent
51.	Dieldrin	US EPA 508-1995	0.03	ppb	Absent
52.	2-4 D	US EPA 508-1995	30	ppb	Absent
53.	Aldrin	US EPA 508-1995	0.03	ppb	Absent
54.	Chloropyriphos.	US EPA 508-1995	30	ppb	Absent
55.	Carboryl (Carbamate)	US EPA 508-1995	Absent	ppb	Absent
56.	Methyl Parathin	US EPA 508-1995	0.3	ppb	Absent
57.	Anilophos	US EPA 508-1995	Absent	ppb	Absent
58.	Malathian	US EPA 508-1995	190	ppb	Absent

Note: BDL = Below Detection Limit. Colour = 1(10) = 10 Hazen Unit, N.D. = Not Detected.

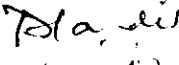
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Tested By

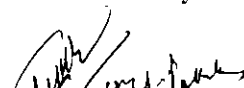

(N.C.P.)
(Chemist)

Page 3 of 3

Checked By


(H.B.K.)
(Sr. Chemist)

Authorized By


(Technical Manager)
UERL/CHM/F-2/02

TEST REPORT
(Microbiology)

Report No.	MICRO/14/04/L-207	Date Of Report	07/05/2014
Name & Address of Customer	M/s. Pollution Control Committee. U.T. of DD and DNH, Daman.	Station Code No.	A ₃
Sample Details	River Water	Sample Qty.	500ml
Sampling Date	29/04/2014	Sample Received Date	29/04/2014
Sampled By	P.C.C. Hand Over to Us.	Appearance Of Sample	Colorless
Test Started Date	30/04/2014	Test Completion Date	02/05/2014
UERL Lab Sample ID. No.	14/04/ L-207		

TEST RESULTS:


Sr. No.	Parameters	Test Method	Limit as per IS:10500-2012	Unit Of Measurement	Results
1	Total Coliform	APHA 22 nd Ed.2012,9222-B	Absent	CFU/100 ml	32
2	Faecal Coliform	APHA 22 nd Ed.2012,9222-D	Absent	CFU/100 ml	10

Remarks: The sample portion tested does / doesn't comply as per drinking water specifications.

Opinions and Interpretations: (if required)

***** End of Report *****

Tested By


(Sneha A. Rana)
Jr. Microbiologist

Authorized By


(Ranjan Maharaj)
Sr. Microbiologist

TEST REPORT

Report No.	UERL /14/04/L-208	Date Of Report	07/05/2014
Name & Address of Customer	M/s. Pollution Control Committee. U.T. of DD and DNH. Daman.	Sample Code No.	A8
Sample Details	River Water Sample	Sample Qty.	5 Lit.
Sampling Date	29/04/2014	Sample Received Date	29/04/2014
Sampled By	P.C.C. Hand Over to Us.	Appearance Of Sample	Slightly yellow
Test Started Date	30/04/2014	Test Completion Date	06/05/2014
UERL Lab Sample ID.No. 14/04/L-208			

TEST RESULTS

Sr. No.	Parameters	Test Method	Limit as per IS:10500:2012	Unit Of Measurement	Results
1.	Colour	IS 3025(Part 4)1983	5 Hazen unit	Hazen unit	5(80)
2.	Odour	IS 3025(Part 5)1983	Unobjectionable	--	Unobjectionable
3.	Temperature	IS 3025(Part 9)1984	--	^o C	32
4.	Dissolve Oxygen	IS 3025(Part 38)1989, (APHA 22 nd Ed.,2012,4500-O,B).	--	mg/L	5.6
5.	pH at 25 ^o C	IS 3025(Part 11)1983, (APHA 22 nd Ed.,2012,4500-H ⁺ B)	6.5 - 8.5	Unit	7.92
6.	Conductivity	IS 3025(Part 14)1984	--	μ s	44200
7.	BOD (3 days at 27 ^o C)	IS 3025(Part 44)1993Amd.01	--	mg/L	126
8.	Nitrate as N	(APHA 22 nd Ed.,2012,4500 NO ₃ -B)	45	mg/L	0.2
9.	Nitrite- N	APHA 22 nd Ed.,2012,4500NO ₂ -B	--	mg/L	0.85
10.	Arsenic	APHA 22 nd Ed.,2012,3114-C	0.01	mg/L	N.D.
11.	Cadmium	IS 3025(Part 41)1992, (APHA 22 nd Ed.,2012,3111-B)	0.003	mg/L	0.05
12.	Copper	IS 3025(Part 42)1992amd.01, (APHA 22 nd Ed.,2012,3111-B)	0.05	mg/L	0.09
13.	Lead	IS 3025(Part 47)1994Amd.02, (APHA 22 nd Ed.,2012,3111-B)	0.01	mg/L	0.62
14.	Chromium	IS 3025(Part 52)2003, (APHA 22 nd Ed.,2012,3111-B)	0.05	mg/L	0.29
15.	Nickel	IS 3025(Part 54)2003, (APHA 22 nd Ed.,2012,3111-B)	0.02	mg/L	0.35
16.	Zinc	IS 3025(Part 49)1994, (APHA 22 nd Ed.,2012,3111-B)	5	mg/L	BDL(<0.1)
17.	Mercury	(APHA 22 nd Ed.,2012,3112-B)	0.001	mg/L	N.D.
18.	Iron	IS 3025(Part 53)2003, (APHA 22 nd Ed.,2012,3111-B)	0.3	mg/L	2.14
19.	Cyanide	IS 3025(Part 27)1986	0.05	mg/L	N.D.
20.	Turbidity	IS 3025(Part 10)1984	1	NTU	10



TEST REPORT

Report No.	UERL /14/04/L-208		Date Of Report	07/05/2014
Name & Address of Customer	M/s. Pollution Control Committee. U.T. of DD and DNH. Daman.			Sample Code No.
				A8
Sample Details	River Water	Sample Qty.	5 Lit.	
Sampling Date	29/04/2014	Sample Received Date	29/04/2014	
Sampled By	P.C.C. Hand Over to Us.	Appearance Of Sample	Slightly yellow	
Test Started Date	30/04/2014	Test Completion Date	06/05/2014	
UERL Lab Sample ID.No. 14/04/L-208				

TEST RESULTS

Sr. No.	Parameters	Test Method	Limit as per IS:10500:2012	Unit Of Measurement	Results
21.	Carbonate as CaCO ₃	IS 3025(Part 51)2001	--	mg/L	16.6
22.	Bicarbonate as CaCO ₃	IS 3025(Part 51)2001	--	mg/L	127
23.	Chloride	IS 3025(Part 32)1988 (APHA 22 nd Ed.,2012,4500-Cl)	250	mg/L	14355.1
24.	COD	IS 3025(Part 58)2006, (APHA 22 nd Ed.,2012,5220-B),	--	mg/L	392.8
25.	TKN	APHA 22 nd Ed.,2012,4500 NH ₃ - B	--	mg/L	3.1
26.	Ammonia as N	IS 3025(Part 34)1988, (APHA 22 nd Ed.,2012,4500 NH ₃ -B&C),	0.5	mg/L	N.D.
27.	Hardness	IS 3025(Part 21)2009,Amd.1	200	mg/L	4977.6
28.	Calcium	APHA 22 nd Ed.,2012,3500 Ca.B)	75	mg/L	343.4
29.	Magnesium	APHA 22 nd Ed.,2012,3500 Mg.B	30	mg/L	1001.4
30.	Sulphate	IS 3025(Part 24)1986	200	mg/L	3963
31.	Sodium	APHA 22 nd Ed.,2012,3500 Na.B	---	mg/L	5860
32.	TDS (Total Dissolve Solids)	(APHA 22 nd Ed.,2012,2540- C). IS 3025(Part 16)1984	500	mg/L	27000
33.	TFS (Total Fixed Solids)	IS 3025(Part 18)1984,Amd.1 (APHA 22 nd Ed.,2012,2540 -E).	--	mg/L	24032
34.	TSS (Total Suspended Solids)	IS 3025(Part 17)1984,Amd.1 (APHA 22 nd Ed.,2012,2540 -D).	--	mg/L	28
35.	Phosphate	(APHA 22 nd Ed.,2012,4500-P,D)	--	mg/L	6.5
36.	Ortho phosphate	(APHA 22 nd Ed.,2012,4500-P,D)	--	mg/L	N.D.
37.	Boron	--	0.5	mg/L	1.1
38.	Potassium	APHA 22 nd Ed.,2012,3500 K.B	--	mg/L	169
39.	Fluoride	(APHA 22 nd Ed.,2012,4500 F.D)	1.0	mg/L	1.25
40.	% Na	By Calculation	--	%	0.586
41.	SAR	By Calculation	--	--	226.3
42.	Total Alkalinity	IS 3025(Part 23)1986. Amd.2	200	mg/L	133.4
43.	P - Alkalinity	IS 3025(Part 23)1986. Amd.2	--	mg/L	13.8



TEST REPORT

Report No.	UERL /14/04/L-208	Date Of Report	07/05/2014
Name & Address of Customer	M/s. Pollution Control Committee. U.T. of DD and DNH. Daman.	Sample Code No.	A8
Sample Details	River Water	Sample Qty.	5 Lit.
Sampling Date	29/04/2014	Sample Received Date	29/04/2014
Sampled By	P.C.C. Hand Over to Us.	Appearance Of Sample	Slightly yellow
Test Started Date	30/04/2014	Test Completion Date	06/05/2014
UERL Lab Sample ID.No. 14/04/L-208			

TEST RESULTS

Sr. No.	Parameters	Test Method	Limit as per IS:10500:2012	Unit Of Measurement	Results
Pesticides:					
44.	Alpha BHC	US EPA 508-1995	Absent	ppb	Absent
45.	Beta BHC	US EPA 508-1995	Absent	ppb	Absent
46.	Gama BHC	US EPA 508-1995	Absent	ppb	Absent
47.	OP DDT	US EPA 508-1995	1	ppb	Absent
48.	PP DDT	US EPA 508-1995	1	ppb	Absent
49.	Alpha Endosulphan	US EPA 508-1995	0.4	ppb	Absent
50.	Beta Endosulphan	US EPA 508-1995	0.4	ppb	Absent
51.	Dieldrin	US EPA 508-1995	0.03	ppb	Absent
52.	2-4 D	US EPA 508-1995	30	ppb	Absent
53.	Aldrin	US EPA 508-1995	0.03	ppb	Absent
54.	Chloropyrifos.	US EPA 508-1995	30	ppb	Absent
55.	Carboryl (Carbamate)	US EPA 508-1995	Absent	ppb	Absent
56.	Methyl Parathin	US EPA 508-1995	0.3	ppb	Absent
57.	ABDLophos	US EPA 508-1995	Absent	ppb	Absent
58.	Malathian	US EPA 508-1995	190	ppb	Absent

Note: BDL = Below Detection Limit. N.D. = Not detected

Colour = 5(80) = 80 Hazen Unit, Turbidity = 10 = 106.2 NTU.

***** End of Report *****

Tested By
(Signature)
(M.C.P.)
(Chemist)

Checked By
(Signature)
(H.B.T.)
(Sr. Chemist)

Authorized By
(Signature)
(Technical Manager)

TEST REPORT
(Microbiology)

Report No.	MICRO/14/04/L-208	Date Of Report	07/05/2014
Name & Address of Customer	M/s. Pollution Control Committee.	Station Code No.	
	U.T. of DD and DNH, Daman.	A ₈	
Sample Details	River Water	Sample Qty.	500ml
Sampling Date	29/04/2014	Sample Received Date	29/04/2014
Sampled By	P.C.C. Hand Over to Us.	Appearance Of Sample	Colorless
Test Started Date	29/04/2014	Test Completion Date	02/05/2014
UERL Lab Sample ID. No.	14/04/ L-208		

TEST RESULTS:

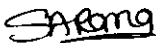
Sr. No.	Parameters	Test Method	Limit as per IS:10500-2012	Unit Of Measurement	Results
1	Total Coliform	APHA 22 nd Ed.2012,9222-B	Absent	CFU/100 ml	26
2	Faecal Coliform	APHA 22 nd Ed.2012,9222-D	Absent	CFU/100 ml	10

Remarks: The sample portion tested does / doesn't comply as per drinking water specifications.


Opinions and Interpretations: (if required)

***** End of Report *****

Tested By


(Sneha A. Rana)
Jr. Microbiologist

Authorized By


(Ranjan Malharaj)
Sr. Microbiologist

Five plates
Month: March'14



TEST CERTIFICATE

Our Ref. No.	PLAWS/20140321022	Issue Date	April 25, 2014		
Customer Name & Address	Pollution Control Committee, Daman.				
Customer Ref. No & Date	PCC/DDD projects/RW/2013-2014/277 Dated : 29/08/2013.				
Part A: SAMPLE PARTICULARS					
Sample Description	Daman Ganga River Water RW - A1				
Sample Quantity	5 Lit.	Packing	Plastic Carboy		
Sample Collection Date	21/03/2014	Sample Receipt Date	21/03/2014		
Analysis Start Date	21/03/2014	Analysis Completion Date	25/04/2014		
Part B: SAMPLING DETAILS					
Sample Collection	Collected by Us.				
Sampling Procedure	--				
Sampling Location	Down Stream Surat Beverages.				
Any Other Information	--				
Part C: TEST RESULTS					
Sr. No.	Test Parameters	Unit	Results	Method	General Standards
1	Conductivity	µmhos/cm	305	APHA	--
2	Temperature	°C	27.2	APHA	--
3	Turbidity	NTU	1.8	APHA	--
4	pH	--	7.56	APHA	5.5-9.0
5	Total Suspended Solids	mg/lit.	9	APHA	NMT 100 mg/lit
6	Total Dissolved Solids	mg/lit.	192	APHA	--
7	Total Hardness (as CaCO ₃)	mg/lit.	92	APHA	--
8	Total Alkalinity (as CaCO ₃)	mg/lit.	33	APHA	--
9	Phenolphthalein Alkalinity	mg/lit.	BDL	APHA	--
10	Calcium (as Ca)	mg/lit.	27	APHA	--
11	Magnesium (as Mg)	mg/lit.	6	APHA	--
12	Chemical Oxygen Demand	mg/lit.	BDL	APHA	NMT 250 mg/lit
13	Bio Chemical Oxygen Demand	mg/lit.	BDL	APHA	NMT 30 mg/lit
14	Dissolved Oxygen	mg/lit.	6	APHA	--
15	Total Kjeldahl Nitrogen	mg/lit.	BDL	APHA	NMT 100 mg/lit
16	Total Fixed Solids	mg/lit.	122	APHA	--
17	Chloride (as Cl)	mg/lit.	19	APHA	--
18	Sulphate (as SO ₄)	mg/lit.	10	APHA	--
19	Fluoride (as F)	mg/lit.	BDL	APHA	NMT 2.0 mg/lit
20	Nitrate (as NO ₃)	mg/lit.	BDL	APHA	NMT 10 mg/lit
21	Chromium (as Cr)	mg/lit.	BDL	APHA	NMT 2.0 mg/lit
22	Total Phosphate (as PO ₄)	mg/lit.	BDL	APHA	NMT 5.0 mg/lit
23	Sodium (as Na)	mg/lit.	6.6	APHA	--
24	Ammonia (as NH ₃)	mg/lit.	BDL	APHA	NMT 5.0 mg/lit
25	Zinc (as Zn)	mg/lit.	BDL	APHA	NMT 5.0 mg/lit
26	Iron (as Fe)	mg/lit.	1.41	APHA	0.3 mg/lit.

Contd../-

Recognitions

Recognised Env. Lab under EPA-1986 by Ministry of Environment & Forests
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TEST CERTIFICATE

Our Ref. No.	PLWS/20140321022	Issue Date	April 25, 2014		
Customer Name & Address	Pollution Control Committee, Daman.				
Customer Ref. No & Date	PCC/DDD projects/RW/2013-2014/277 Dated : 29/08/2013.				
Part A: SAMPLE PARTICULARS					
Sample Description	Daman Ganga River Water RW - A1				
Sample Quantity	5 Lit.	Packing	Plastic Carboy		
Sample Collection Date	21/03/2014	Sample Receipt Date	21/03/2014		
Analysis Start Date	21/03/2014	Analysis Completion Date	25/04/2014		
Part B: SAMPLING DETAILS					
Sample Collection	Collected by Us.				
Sampling Procedure	--				
Sampling Location	Down Stream Surat Beverages.				
Any Other Information	--				
Part C: TEST RESULTS					
Sr. No.	Test Parameters	Unit	Results	Method	General Standards
27	Lead (as Pb)	mg/lit.	BDL	APHA	NMT 0.1 mg/lit
28	Nickel (as Ni)	mg/lit.	BDL	APHA	NMT 3.0 mg/lit
29	Arsenic (as As)	mg/lit.	BDL	APHA	NMT 0.2 mg/lit
30	Mercury (as Hg)	mg/lit.	BDL	APHA	NMT 0.01 mg/lit
31	Cadmium (as Cd)	mg/lit.	BDL	APHA	NMT 2.0 mg/lit
32	Boron (as B)	mg/lit.	BDL	APHA	NMT 5 mg/lit.
33	Copper (as Cu)	mg/lit.	BDL	APHA	NMT 3.0 mg/lit
34	Potassium (as K)	mg/lit.	0.88	APHA	--
35	Alpha BHC	mg/lit.	BDL	APHA	Absent
36	Beta BHC	mg/lit.	BDL	APHA	Absent
37	Gamma BHC	mg/lit.	BDL	APHA	Absent
38	OP-DDT	mg/lit.	BDL	APHA	Absent
39	PP-DDT	mg/lit.	BDL	APHA	Absent
40	A-Endosulphan	mg/lit.	BDL	APHA	Absent
41	B-Endosulphan	mg/lit.	BDL	APHA	Absent
42	Dieldrin	mg/lit.	BDL	APHA	Absent
43	Carbaryl (Carbamate)	mg/lit.	BDL	APHA	Absent
44	2,4-D	mg/lit.	BDL	APHA	Absent
45	Aldrin	mg/lit.	BDL	APHA	Absent
46	Malathian	mg/lit.	BDL	APHA	Absent
47	Methyl parathion	mg/lit.	BDL	APHA	Absent
48	Anilophos	mg/lit.	BDL	APHA	Absent
49	Chloropyriphos	mg/lit.	BDL	APHA	Absent
50	Microbiological Test				
	Total Coliform	cfu/100ml	500	IS	0/100 ml
	Fecal Coliform	cfu/100ml	50	IS	0/100 ml
Part D: REMARKS: BDL = Below Detection Limit.					

Note: This report is subjected to the terms and conditions mentioned overleaf


Authorized Signatory.

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TEST CERTIFICATE

Our Ref. No.	PLWS/20140321023	Issue Date	April 25, 2014		
Customer Name & Address	Pollution Control Committee, Daman.				
Customer Ref. No & Date	PCC/DDD projects/RW/2013-2014/277 Dated : 29/08/2013.				
Part A: SAMPLE PARTICULARS					
Sample Description	Daman Ganga River Water RW – A2				
Sample Quantity	5 Lit.	Packing	Plastic Carboy		
Sample Collection Date	21/03/2014	Sample Receipt Date	21/03/2014		
Analysis Start Date	21/03/2014	Analysis Completion Date	25/04/2014		
Part B: SAMPLING DETAILS					
Sample Collection	Collected by Us.				
Sampling Procedure	--				
Sampling Location	Down Stream Lavachha Temple.				
Any Other Information	--				
Part C: TEST RESULTS					
Sr. No.	Test Parameters	Unit	Results	Method	General Standards
1	Conductivity	µmhos/cm	355	APHA	--
2	Temperature	°C	27.2	APHA	--
3	Turbidity	NTU	1.1	APHA	--
4	pH	--	7.57	APHA	5.5-9.0
5	Total Suspended Solids	mg/lit.	12	APHA	NMT 100 mg/lit
6	Total Dissolved Solids	mg/lit.	230	APHA	--
7	Total Hardness (as CaCO ₃)	mg/lit.	104	APHA	--
8	Total Alkalinity (as CaCO ₃)	mg/lit.	49	APHA	--
9	Phenolphthalein Alkalinity	mg/lit.	BDL	APHA	--
10	Calcium (as Ca)	mg/lit.	30	APHA	--
11	Magnesium (as Mg)	mg/lit.	7	APHA	--
12	Chemical Oxygen Demand	mg/lit.	11	APHA	NMT 250 mg/lit
13	Bio Chemical Oxygen Demand	mg/lit.	BDL	APHA	NMT 30 mg/lit
14	Dissolved Oxygen	mg/lit.	6.4	APHA	--
15	Total Kjeldahl Nitrogen	mg/lit.	BDL	APHA	NMT 100 mg/lit
16	Total Fixed Solids	mg/lit.	114	APHA	--
17	Chloride (as Cl ⁻)	mg/lit.	21	APHA	--
18	Sulphate (as SO ₄)	mg/lit.	7.6	APHA	--
19	Fluoride (as F ⁻)	mg/lit.	BDL	APHA	NMT 2.0 mg/lit
20	Nitrate (as NO ₃)	mg/lit.	BDL	APHA	NMT 10 mg/lit
21	Chromium (as Cr)	mg/lit.	BDL	APHA	NMT 2.0 mg/lit
22	Total Phosphate (as PO ₄)	mg/lit.	BDL	APHA	NMT 5.0 mg/lit
23	Sodium (as Na)	mg/lit.	8.1	APHA	--
24	Ammonia (as NH ₃)	mg/lit.	BDL	APHA	NMT 5.0 mg/lit
25	Zinc (as Zn)	mg/lit.	BDL	APHA	NMT 5.0 mg/lit
26	Iron (as Fe)	mg/lit.	0.98	APHA	0.3 mg/lit.

Contd.-/-

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e-mail: vapi@precitechlab.com

TEST CERTIFICATE

Our Ref. No.	PLWS/20140321023	Issue Date	April 25, 2014		
Customer Name & Address	Pollution Control Committee, Daman.				
Customer Ref. No & Date	PCC/DDD projects/RW/2013-2014/277 Dated : 29/08/2013.				
Part A: SAMPLE PARTICULARS					
Sample Description	Daman Ganga River Water RW – A2				
Sample Quantity	5 Lit.	Packing	Plastic Carboy		
Sample Collection Date	21/03/2014	Sample Receipt Date	21/03/2014		
Analysis Start Date	21/03/2014	Analysis Completion Date	25/04/2014		
Part B: SAMPLING DETAILS					
Sample Collection	Collected by Us.				
Sampling Procedure	--				
Sampling Location	Down Stream Lavachha Temple.				
Any Other Information	--				
Part C: TEST RESULTS					
Sr. No.	Test Parameters	Unit	Results	Method	General Standards
27	Lead (as Pb)	mg/lit.	BDL	APHA	NMT 0.1 mg/lit
28	Nickel (as Ni)	mg/lit.	BDL	APHA	NMT 3.0 mg/lit
29	Arsenic (as As)	mg/lit.	BDL	APHA	NMT 0.2 mg/lit
30	Mercury (as Hg)	mg/lit.	BDL	APHA	NMT 0.01 mg/lit
31	Cadmium (as Cd)	mg/lit.	BDL	APHA	NMT 2.0 mg/lit
32	Boron (as B)	mg/lit.	BDL	APHA	NMT 5 mg/lit.
33	Copper (as Cu)	mg/lit.	BDL	APHA	NMT 3.0 mg/lit
34	Potassium (as K)	mg/lit.	0.82	APHA	--
35	Alpha BHC	mg/lit.	BDL	APHA	Absent
36	Beta BHC	mg/lit.	BDL	APHA	Absent
37	Gamma BHC	mg/lit.	BDL	APHA	Absent
38	OP-DDT	mg/lit.	BDL	APHA	Absent
39	PP-DDT	mg/lit.	BDL	APHA	Absent
40	A-Endosulphan	mg/lit.	BDL	APHA	Absent
41	B-Endosulphan	mg/lit.	BDL	APHA	Absent
42	Dieldrin	mg/lit.	BDL	APHA	Absent
43	Carbaryl (Carbamate)	mg/lit.	BDL	APHA	Absent
44	2,4-D	mg/lit.	BDL	APHA	Absent
45	Aldrin	mg/lit.	BDL	APHA	Absent
46	Malathian	mg/lit.	BDL	APHA	Absent
47	Methyl parathion	mg/lit.	BDL	APHA	Absent
48	Anilophos	mg/lit.	BDL	APHA	Absent
49	Chloropyriphos	mg/lit.	BDL	APHA	Absent
50	Microbiological Test				
	Total Coliform	cfu/100ml	5500	IS	0/100 ml
	Fecal Coliform	cfu/100ml	110	IS	0/100 ml
Part D: REMARKS: BDL = Below Detection Limit.					

Note: This report is subjected to the terms and conditions mentioned overleaf


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TEST CERTIFICATE

Our Ref. No.	PLAWS/20140321024	Issue Date	April 25, 2014		
Customer Name & Address	Pollution Control Committee, Daman.				
Customer Ref. No & Date	PCC/DDD projects/RW/2013-2014/277 Dated : 29/08/2013.				
Part A: SAMPLE PARTICULARS					
Sample Description	Daman Ganga River Water RW – A3				
Sample Quantity	5 Lit.	Packing	Plastic Carboy		
Sample Collection Date	21/03/2014	Sample Receipt Date	21/03/2014		
Analysis Start Date	21/03/2014	Analysis Completion Date	25/04/2014		
Part B: SAMPLING DETAILS					
Sample Collection	Collected by Us.				
Sampling Procedure	--				
Sampling Location	Down Stream Madhuban Dam.				
Any Other Information	--				
Part C: TEST RESULTS					
Sr. No.	Test Parameters	Unit	Results	Method	General Standards
1	Conductivity	µmhos/cm	412	APHA	--
2	Temperature	°C	27.2	APHA	--
3	Turbidity	NTU	0.6	APHA	--
4	pH	--	7.80	APHA	5.5-9.0
5	Total Suspended Solids	mg/lit.	14	APHA	NMT 100 mg/lit
6	Total Dissolved Solids	mg/lit.	262	APHA	--
7	Total Hardness (as CaCO ₃)	mg/lit.	112	APHA	--
8	Total Alkalinity (as CaCO ₃)	mg/lit.	53	APHA	--
9	Phenolphthalein Alkalinity	mg/lit.	BDL	APHA	--
10	Calcium (as Ca)	mg/lit.	32	APHA	--
11	Magnesium (as Mg)	mg/lit.	8	APHA	--
12	Chemical Oxygen Demand	mg/lit.	7	APHA	NMT 250 mg/lit
13	Bio Chemical Oxygen Demand	mg/lit.	BDL	APHA	NMT 30 mg/lit
14	Dissolved Oxygen	mg/lit.	6.4	APHA	--
15	Total Kjeldahl Nitrogen	mg/lit.	BDL	APHA	NMT 100 mg/lit
16	Total Fixed Solids	mg/lit.	75	APHA	--
17	Chloride (as Cl ⁻)	mg/lit.	15	APHA	--
18	Sulphate (as SO ₄)	mg/lit.	5	APHA	--
19	Fluoride (as F ⁻)	mg/lit.	BDL	APHA	NMT 2.0 mg/lit
20	Nitrate (as NO ₃)	mg/lit.	BDL	APHA	NMT 10 mg/lit
21	Chromium (as Cr)	mg/lit.	BDL	APHA	NMT 2.0 mg/lit
22	Total Phosphate (as PO ₄)	mg/lit.	BDL	APHA	NMT 5.0 mg/lit
23	Sodium (as Na)	mg/lit.	4.6	APHA	--
24	Ammonia (as NH ₃)	mg/lit.	BDL	APHA	NMT 5.0 mg/lit
25	Zinc (as Zn)	mg/lit.	BDL	APHA	NMT 5.0 mg/lit
26	Iron (as Fe)	mg/lit.	BDL	APHA	0.3 mg/lit.

Contd../-

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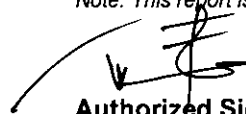
Contact

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TEST CERTIFICATE

Our Ref. No.	PLWS/20140321024	Issue Date	April 25, 2014		
Customer Name & Address	Pollution Control Committee, Daman.				
Customer Ref. No & Date	PCC/DDD projects/RW/2013-2014/277 Dated : 29/08/2013.				
Part A: SAMPLE PARTICULARS					
Sample Description	Daman Ganga River Water RW – A3				
Sample Quantity	5 Lit.	Packing	Plastic Carboy		
Sample Collection Date	21/03/2014	Sample Receipt Date	21/03/2014		
Analysis Start Date	21/03/2014	Analysis Completion Date	25/04/2014		
Part B: SAMPLING DETAILS					
Sample Collection	Collected by Us.				
Sampling Procedure	--				
Sampling Location	Down Stream Madhuban Dam.				
Any Other Information	--				
Part C: TEST RESULTS					
Sr. No.	Test Parameters	Unit	Results	Method	General Standards
27	Lead (as Pb)	mg/lit.	BDL	APHA	NMT 0.1 mg/lit
28	Nickel (as Ni)	mg/lit.	BDL	APHA	NMT 3.0 mg/lit
29	Arsenic (as As)	mg/lit.	BDL	APHA	NMT 0.2 mg/lit
30	Mercury (as Hg)	mg/lit.	BDL	APHA	NMT 0.01 mg/lit
31	Cadmium (as Cd)	mg/lit.	BDL	APHA	NMT 2.0 mg/lit
32	Boron (as B)	mg/lit.	BDL	APHA	NMT 5 mg/lit.
33	Copper (as Cu)	mg/lit.	BDL	APHA	NMT 3.0 mg/lit
34	Potassium (as K)	mg/lit.	0.65	APHA	--
35	Alpha BHC	mg/lit.	BDL	APHA	Absent
36	Beta BHC	mg/lit.	BDL	APHA	Absent
37	Gamma BHC	mg/lit.	BDL	APHA	Absent
38	OP-DDT	mg/lit.	BDL	APHA	Absent
39	PP-DDT	mg/lit.	BDL	APHA	Absent
40	A-Endosulphan	mg/lit.	BDL	APHA	Absent
41	B-Endosulphan	mg/lit.	BDL	APHA	Absent
42	Dieldrin	mg/lit.	BDL	APHA	Absent
43	Carbaryl (Carbamate)	mg/lit.	BDL	APHA	Absent
44	2,4-D	mg/lit.	BDL	APHA	Absent
45	Aldrin	mg/lit.	BDL	APHA	Absent
46	Malathian	mg/lit.	BDL	APHA	Absent
47	Methyl parathion	mg/lit.	BDL	APHA	Absent
48	Anilophos	mg/lit.	BDL	APHA	Absent
49	Chloropyriphos	mg/lit.	BDL	APHA	Absent
50	Microbiological Test				
	Total Coliform	cfu/100ml	250	IS	0/100 ml
	Fecal Coliform	cfu/100ml	Nil	IS	0/100 ml
Part D: REMARKS: BDL = Below Detection Limit.					

Note: This report is subjected to the terms and conditions mentioned overleaf



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TEST CERTIFICATE

Our Ref. No.	PLWS/20140321025	Issue Date	April 25, 2014		
Customer Name & Address	Pollution Control Committee, Daman.				
Customer Ref. No & Date	PCC/DDD projects/RW/2013-2014/277 Dated : 29/08/2013.				
Part A: SAMPLE PARTICULARS					
Sample Description	Daman Ganga River Water RW – A4				
Sample Quantity	5 Lit.	Packing	Plastic Carboy		
Sample Collection Date	21/03/2014	Sample Receipt Date	21/03/2014		
Analysis Start Date	21/03/2014	Analysis Completion Date	25/04/2014		
Part B: SAMPLING DETAILS					
Sample Collection	Collected by Us.				
Sampling Procedure	--				
Sampling Location	Down Stream at Naroli Bridge.				
Any Other Information	--				
Part C: TEST RESULTS					
Sr. No.	Test Parameters	Unit	Results	Method	General Standards
1	Conductivity	µmhos/cm	262	APHA	--
2	Temperature	°C	27.2	APHA	--
3	Turbidity	NTU	0.8	APHA	--
4	pH	--	7.75	APHA	5.5-9.0
5	Total Suspended Solids	mg/lit.	15	APHA	NMT 100 mg/lit
6	Total Dissolved Solids	mg/lit.	164	APHA	--
7	Total Hardness (as CaCO ₃)	mg/lit.	92	APHA	--
8	Total Alkalinity (as CaCO ₃)	mg/lit.	45	APHA	--
9	Phenolphthalein Alkalinity	mg/lit.	BDL	APHA	--
10	Calcium (as Ca)	mg/lit.	26	APHA	--
11	Magnesium (as Mg)	mg/lit.	7	APHA	--
12	Chemical Oxygen Demand	mg/lit.	13	APHA	NMT 250 mg/lit
13	Bio Chemical Oxygen Demand	mg/lit.	BDL	APHA	NMT 30 mg/lit
14	Dissolved Oxygen	mg/lit.	7.1	APHA	--
15	Total Kjeldahl Nitrogen	mg/lit.	BDL	APHA	NMT 100 mg/lit
16	Total Fixed Solids	mg/lit.	76	APHA	--
17	Chloride (as Cl ⁻)	mg/lit.	14.3	APHA	--
18	Sulphate (as SO ₄)	mg/lit.	6.8	APHA	--
19	Fluoride (as F ⁻)	mg/lit.	BDL	APHA	NMT 2.0 mg/lit
20	Nitrate (as NO ₃)	mg/lit.	BDL	APHA	NMT 10 mg/lit
21	Chromium (as Cr)	mg/lit.	BDL	APHA	NMT 2.0 mg/lit
22	Total Phosphate (as PO ₄)	mg/lit.	BDL	APHA	NMT 5.0 mg/lit
23	Sodium (as Na)	mg/lit.	5.6	APHA	--
24	Ammonia (as NH ₃)	mg/lit.	BDL	APHA	NMT 5.0 mg/lit
25	Zinc (as Zn)	mg/lit.	BDL	APHA	NMT 5.0 mg/lit
26	Iron (as Fe)	mg/lit.	BDL	APHA	0.3 mg/lit.

Contd./-

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TEST CERTIFICATE

Our Ref. No.	PL/WS/20140321025	Issue Date	April 25, 2014		
Customer Name & Address	Pollution Control Committee, Daman.				
Customer Ref. No & Date	PCC/DDD projects/RW/2013-2014/277 Dated : 29/08/2013.				
Part A: SAMPLE PARTICULARS					
Sample Description	Daman Ganga River Water RW – A4				
Sample Quantity	5 Lit.	Packing	Plastic Carboy		
Sample Collection Date	21/03/2014	Sample Receipt Date	21/03/2014		
Analysis Start Date	21/03/2014	Analysis Completion Date	25/04/2014		
Part B: SAMPLING DETAILS					
Sample Collection	Collected by Us.				
Sampling Procedure	--				
Sampling Location	Down Stream at Naroli Bridge.				
Any Other Information	--				
Part C: TEST RESULTS					
Sr. No.	Test Parameters	Unit	Results	Method	General Standards
27	Lead (as Pb)	mg/lit.	BDL	APHA	NMT 0.1 mg/lit
28	Nickel (as Ni)	mg/lit.	BDL	APHA	NMT 3.0 mg/lit
29	Arsenic (as As)	mg/lit.	BDL	APHA	NMT 0.2 mg/lit
30	Mercury (as Hg)	mg/lit.	BDL	APHA	NMT 0.01 mg/lit
31	Cadmium (as Cd)	mg/lit.	BDL	APHA	NMT 2.0 mg/lit
32	Boron (as B)	mg/lit.	BDL	APHA	NMT 5 mg/lit.
33	Copper (as Cu)	mg/lit.	BDL	APHA	NMT 3.0 mg/lit
34	Potassium (as K)	mg/lit.	0.61	APHA	--
35	Alpha BHC	mg/lit.	BDL	APHA	Absent
36	Beta BHC	mg/lit.	BDL	APHA	Absent
37	Gamma BHC	mg/lit.	BDL	APHA	Absent
38	OP-DDT	mg/lit.	BDL	APHA	Absent
39	PP-DDT	mg/lit.	BDL	APHA	Absent
40	A-Endosulphan	mg/lit.	BDL	APHA	Absent
41	B-Endosulphan	mg/lit.	BDL	APHA	Absent
42	Dieldrin	mg/lit.	BDL	APHA	Absent
43	Carbaryl (Carbamate)	mg/lit.	BDL	APHA	Absent
44	2,4-D	mg/lit.	BDL	APHA	Absent
45	Aldrin	mg/lit.	BDL	APHA	Absent
46	Malathian	mg/lit.	BDL	APHA	Absent
47	Methyl parathion	mg/lit.	BDL	APHA	Absent
48	Anilophos	mg/lit.	BDL	APHA	Absent
49	Chloropyriphos	mg/lit.	BDL	APHA	Absent
50	Microbiological Test				
	Total Coliform	cfu/100ml	5500	IS	0/100 ml
	Fecal Coliform	cfu/100ml	70	IS	0/100 ml
Part D: REMARKS: BDL = Below Detection Limit.					

Note: This report is subjected to the terms and conditions mentioned overleaf


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e-mail: vapi@precitechlab.com

TEST CERTIFICATE

Our Ref. No.	PLAWS/20140321026	Issue Date	April 25, 2014		
Customer Name & Address	Pollution Control Committee, Daman.				
Customer Ref. No & Date	PCC/DDD projects/RW/2013-2014/277 Dated : 29/08/2013.				
Part A: SAMPLE PARTICULARS					
Sample Description	Daman Ganga River Water RW - A5				
Sample Quantity	5 Lit.	Packing	Plastic Carboy		
Sample Collection Date	21/03/2014	Sample Receipt Date	21/03/2014		
Analysis Start Date	21/03/2014	Analysis Completion Date	25/04/2014		
Part B: SAMPLING DETAILS					
Sample Collection	Collected by Us.				
Sampling Procedure	--				
Sampling Location	Down Stream Vapi Weir.				
Any Other Information	--				
Part C: TEST RESULTS					
Sr. No.	Test Parameters	Unit	Results	Method	General Standards
1	Conductivity	µmhos/cm	353	APHA	--
2	Temperature	°C	27.2	APHA	--
3	Turbidity	NTU	0.5	APHA	--
4	pH	--	7.78	APHA	5.5-9.0
5	Total Suspended Solids	mg/lit.	16	APHA	NMT 100 mg/lit
6	Total Dissolved Solids	mg/lit.	226	APHA	--
7	Total Hardness (as CaCO ₃)	mg/lit.	100	APHA	--
8	Total Alkalinity (as CaCO ₃)	mg/lit.	49	APHA	--
9	Phenolphthalein Alkalinity	mg/lit.	BDL	APHA	--
10	Calcium (as Ca)	mg/lit.	29	APHA	--
11	Magnesium (as Mg)	mg/lit.	7	APHA	--
12	Chemical Oxygen Demand	mg/lit.	BDL	APHA	NMT 250 mg/lit
13	Bio Chemical Oxygen Demand	mg/lit.	BDL	APHA	NMT 30 mg/lit
14	Dissolved Oxygen	mg/lit.	7.2	APHA	--
15	Total Kjeldahl Nitrogen	mg/lit.	BDL	APHA	NMT 100 mg/lit
16	Total Fixed Solids	mg/lit.	163	APHA	--
17	Chloride (as Cl)	mg/lit.	21	APHA	--
18	Sulphate (as SO ₄)	mg/lit.	8.3	APHA	--
19	Fluoride (as F)	mg/lit.	BDL	APHA	NMT 2.0 mg/lit
20	Nitrate (as NO ₃)	mg/lit.	BDL	APHA	NMT 10 mg/lit
21	Chromium (as Cr)	mg/lit.	BDL	APHA	NMT 2.0 mg/lit
22	Total Phosphate (as PO ₄)	mg/lit.	BDL	APHA	NMT 5.0 mg/lit
23	Sodium (as Na)	mg/lit.	19.2	APHA	--
24	Ammonia (as NH ₃)	mg/lit.	BDL	APHA	NMT 5.0 mg/lit
25	Zinc (as Zn)	mg/lit.	BDL	APHA	NMT 5.0 mg/lit
26	Iron (as Fe)	mg/lit.	BDL	APHA	0.3 mg/lit.

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TEST CERTIFICATE

Our Ref. No.	PLAWS/20140321026	Issue Date	April 25, 2014		
Customer Name & Address	Pollution Control Committee, Daman.				
Customer Ref. No & Date	PCC/DDD projects/RW/2013-2014/277 Dated : 29/08/2013.				
Part A: SAMPLE PARTICULARS					
Sample Description	Daman Ganga River Water RW - A5				
Sample Quantity	5 Lit.	Packing	Plastic Carboy		
Sample Collection Date	21/03/2014	Sample Receipt Date	21/03/2014		
Analysis Start Date	21/03/2014	Analysis Completion Date	25/04/2014		
Part B: SAMPLING DETAILS					
Sample Collection	Collected by Us.				
Sampling Procedure	--				
Sampling Location	Down Stream Vapi Weir.				
Any Other Information	--				
Part C: TEST RESULTS					
Sr. No.	Test Parameters	Unit	Results	Method	General Standards
27	Lead (as Pb)	mg/lit.	BDL	APHA	NMT 0.1 mg/lit
28	Nickel (as Ni)	mg/lit.	BDL	APHA	NMT 3.0 mg/lit
29	Arsenic (as As)	mg/lit.	BDL	APHA	NMT 0.2 mg/lit
30	Mercury (as Hg)	mg/lit.	BDL	APHA	NMT 0.01 mg/lit
31	Cadmium (as Cd)	mg/lit.	BDL	APHA	NMT 2.0 mg/lit
32	Boron (as B)	mg/lit.	BDL	APHA	NMT 5 mg/lit.
33	Copper (as Cu)	mg/lit.	BDL	APHA	NMT 3.0 mg/lit
34	Potassium (as K)	mg/lit.	1.17	APHA	--
35	Alpha BHC	mg/lit.	BDL	APHA	Absent
36	Beta BHC	mg/lit.	BDL	APHA	Absent
37	Gamma BHC	mg/lit.	BDL	APHA	Absent
38	OP-DDT	mg/lit.	BDL	APHA	Absent
39	PP-DDT	mg/lit.	BDL	APHA	Absent
40	A-Endosulphan	mg/lit.	BDL	APHA	Absent
41	B-Endosulphan	mg/lit.	BDL	APHA	Absent
42	Dieldrin	mg/lit.	BDL	APHA	Absent
43	Carbaryl (Carbamate)	mg/lit.	BDL	APHA	Absent
44	2,4-D	mg/lit.	BDL	APHA	Absent
45	Aldrin	mg/lit.	BDL	APHA	Absent
46	Malathian	mg/lit.	BDL	APHA	Absent
47	Methyl parathion	mg/lit.	BDL	APHA	Absent
48	Anilophos	mg/lit.	BDL	APHA	Absent
49	Chloropyriphos	mg/lit.	BDL	APHA	Absent
50	Microbiological Test				
	Total Coliform	cfu/100ml	550	IS	0/100 ml
	Fecal Coliform	cfu/100ml	20	IS	0/100 ml
Part D: REMARKS: BDL = Below Detection Limit.					

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TEST CERTIFICATE

Our Ref. No.	PLWS/20140321027	Issue Date	April 25, 2014		
Customer Name & Address	Pollution Control Committee, Daman.				
Customer Ref. No & Date	PCC/DDD projects/RW/2013-2014/277 Dated : 29/08/2013.				
Part A: SAMPLE PARTICULARS					
Sample Description	Daman Ganga River Water RW – A6				
Sample Quantity	5 Lit.	Packing	Plastic Carboy		
Sample Collection Date	21/03/2014	Sample Receipt Date	21/03/2014		
Analysis Start Date	21/03/2014	Analysis Completion Date	25/04/2014		
Part B: SAMPLING DETAILS					
Sample Collection	Collected by Us.				
Sampling Procedure	--				
Sampling Location	Down Stream Near Namdha Village.				
Any Other Information	--				
Part C: TEST RESULTS					
Sr. No.	Test Parameters	Unit	Results	Method	General Standards
1	Conductivity	µmhos/cm	4905	APHA	--
2	Temperature	°C	27.2	APHA	--
3	Turbidity	NTU	1.3	APHA	--
4	pH	--	7.72	APHA	5.5-9.0
5	Total Suspended Solids	mg/lit.	22	APHA	NMT 100 mg/lit
6	Total Dissolved Solids	mg/lit.	3138	APHA	--
7	Total Hardness (as CaCO ₃)	mg/lit.	592	APHA	--
8	Total Alkalinity (as CaCO ₃)	mg/lit.	89	APHA	--
9	Phenolphthalein Alkalinity	mg/lit.	BDL	APHA	--
10	Calcium (as Ca)	mg/lit.	148	APHA	--
11	Magnesium (as Mg)	mg/lit.	54	APHA	--
12	Chemical Oxygen Demand	mg/lit.	47	APHA	NMT 250 mg/lit
13	Bio Chemical Oxygen Demand	mg/lit.	BDL	APHA	NMT 30 mg/lit
14	Dissolved Oxygen	mg/lit.	4.9	APHA	--
15	Total Kjeldahl Nitrogen	mg/lit.	BDL	APHA	NMT 100 mg/lit
16	Total Fixed Solids	mg/lit.	2507	APHA	--
17	Chloride (as Cl)	mg/lit.	1439	APHA	--
18	Sulphate (as SO ₄)	mg/lit.	257	APHA	--
19	Fluoride (as F)	mg/lit.	BDL	APHA	NMT 2.0 mg/lit
20	Nitrate (as NO ₃)	mg/lit.	1.0	APHA	NMT 10 mg/lit
21	Chromium (as Cr)	mg/lit.	BDL	APHA	NMT 2.0 mg/lit
22	Total Phosphate (as PO ₄)	mg/lit.	BDL	APHA	NMT 5.0 mg/lit
23	Sodium (as Na)	mg/lit.	256.5	APHA	--
24	Ammonia (as NH ₃)	mg/lit.	BDL	APHA	NMT 5.0 mg/lit
25	Zinc (as Zn)	mg/lit.	BDL	APHA	NMT 5.0 mg/lit
26	Iron (as Fe)	mg/lit.	0.76	APHA	0.3 mg/lit.

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TEST CERTIFICATE

Our Ref. No.	PLAWS/20140321027	Issue Date	April 25, 2014		
Customer Name & Address	Pollution Control Committee, Daman.				
Customer Ref. No & Date	PCC/DDD projects/RW/2013-2014/277 Dated : 29/08/2013.				
Part A: SAMPLE PARTICULARS					
Sample Description	Daman Ganga River Water RW – A6				
Sample Quantity	5 Lit.	Packing	Plastic Carboy		
Sample Collection Date	21/03/2014	Sample Receipt Date	21/03/2014		
Analysis Start Date	21/03/2014	Analysis Completion Date	25/04/2014		
Part B: SAMPLING DETAILS					
Sample Collection	Collected by Us.				
Sampling Procedure	--				
Sampling Location	Down Stream Near Namdha Village.				
Any Other Information	--				
Part C: TEST RESULTS					
Sr. No.	Test Parameters	Unit	Results	Method	General Standards
27	Lead (as Pb)	mg/lit.	BDL	APHA	NMT 0.1 mg/lit
28	Nickel (as Ni)	mg/lit.	BDL	APHA	NMT 3.0 mg/lit
29	Arsenic (as As)	mg/lit.	BDL	APHA	NMT 0.2 mg/lit
30	Mercury (as Hg)	mg/lit.	BDL	APHA	NMT 0.01 mg/lit
31	Cadmium (as Cd)	mg/lit.	BDL	APHA	NMT 2.0 mg/lit
32	Boron (as B)	mg/lit.	BDL	APHA	NMT 5 mg/lit.
33	Copper (as Cu)	mg/lit.	BDL	APHA	NMT 3.0 mg/lit
34	Potassium (as K)	mg/lit.	19.7	APHA	--
35	Alpha BHC	mg/lit.	BDL	APHA	Absent
36	Beta BHC	mg/lit.	BDL	APHA	Absent
37	Gamma BHC	mg/lit.	BDL	APHA	Absent
38	OP-DDT	mg/lit.	BDL	APHA	Absent
39	PP-DDT	mg/lit.	BDL	APHA	Absent
40	A-Endosulphan	mg/lit.	BDL	APHA	Absent
41	B-Endosulphan	mg/lit.	BDL	APHA	Absent
42	Dieldrin	mg/lit.	BDL	APHA	Absent
43	Carbaryl (Carbamate)	mg/lit.	BDL	APHA	Absent
44	2,4-D	mg/lit.	BDL	APHA	Absent
45	Aldrin	mg/lit.	BDL	APHA	Absent
46	Malathion	mg/lit.	BDL	APHA	Absent
47	Methyl parathion	mg/lit.	BDL	APHA	Absent
48	Anilophos	mg/lit.	BDL	APHA	Absent
49	Chloropyriphos	mg/lit.	BDL	APHA	Absent
50	Microbiological Test				
	Total Coliform	cfu/100ml	3500	IS	0/100 ml
	Fecal Coliform	cfu/100ml	50	IS	0/100 ml
Part D: REMARKS: BDL = Below Detection Limit.					

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TEST CERTIFICATE

Our Ref. No.	PLWS/20140421028	Issue Date	April 25, 2014		
Customer Name & Address	Pollution Control Committee, Daman.				
Customer Ref. No & Date	PCC/DDD projects/RW/2013-2014/277 Dated : 29/08/2013.				
Part A: SAMPLE PARTICULARS					
Sample Description	Daman Ganga River Water RW – A7				
Sample Quantity	5 Lit.	Packing	Plastic Carboy		
Sample Collection Date	21/03/2014	Sample Receipt Date	21/03/2014		
Analysis Start Date	21/03/2014	Analysis Completion Date	25/04/2014		
Part B: SAMPLING DETAILS					
Sample Collection	Collected by Us.				
Sampling Procedure	--				
Sampling Location	Down Stream Zari Causeway Bridge.				
Any Other Information	--				
Part C: TEST RESULTS					
Sr. No.	Test Parameters	Unit	Results	Method	General Standards
1	Conductivity	µmhos/cm	10052	APHA	--
2	Temperature	°C	27.2	APHA	--
3	Turbidity	NTU	1.4	APHA	--
4	pH	--	7.48	APHA	5.5-9.0
5	Total Suspended Solids	mg/lit.	9	APHA	NMT 100 mg/lit
6	Total Dissolved Solids	mg/lit.	6428	APHA	--
7	Total Hardness (as CaCO ₃)	mg/lit.	1300	APHA	--
8	Total Alkalinity (as CaCO ₃)	mg/lit.	85	APHA	--
9	Phenolphthalein Alkalinity	mg/lit.	BDL	APHA	--
10	Calcium (as Ca)	mg/lit.	329	APHA	--
11	Magnesium (as Mg)	mg/lit.	117	APHA	--
12	Chemical Oxygen Demand	mg/lit.	86	APHA	NMT 250 mg/lit
13	Bio Chemical Oxygen Demand	mg/lit.	13	APHA	NMT 30 mg/lit
14	Dissolved Oxygen	mg/lit.	4.8	APHA	--
15	Total Kjeldahl Nitrogen	mg/lit.	BDL	APHA	NMT 100 mg/lit
16	Total Fixed Solids	mg/lit.	4782	APHA	--
17	Chloride (as Cl ⁻)	mg/lit.	3529	APHA	--
18	Sulphate (as SO ₄)	mg/lit.	527	APHA	--
19	Fluoride (as F ⁻)	mg/lit.	1.8	APHA	NMT 2.0 mg/lit
20	Nitrate (as NO ₃)	mg/lit.	12	APHA	NMT 10 mg/lit
21	Chromium (as Cr)	mg/lit.	BDL	APHA	NMT 2.0 mg/lit
22	Total Phosphate (as PO ₄)	mg/lit.	BDL	APHA	NMT 5.0 mg/lit
23	Sodium (as Na)	mg/lit.	25.62	APHA	--
24	Ammonia (as NH ₃)	mg/lit.	BDL	APHA	NMT 5.0 mg/lit
25	Zinc (as Zn)	mg/lit.	BDL	APHA	NMT 5.0 mg/lit
26	Iron (as Fe)	mg/lit.	BDL	APHA	0.3 mg/lit.

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TEST CERTIFICATE

Our Ref. No.	PLAWS/20140421028	Issue Date	April 25, 2014		
Customer Name & Address	Pollution Control Committee, Daman.				
Customer Ref. No & Date	PCC/DDD projects/RW/2013-2014/277 Dated : 29/08/2013.				
Part A: SAMPLE PARTICULARS					
Sample Description	Daman Ganga River Water RW – A7				
Sample Quantity	5 Lit.	Packing	Plastic Carboy		
Sample Collection Date	21/03/2014	Sample Receipt Date	21/03/2014		
Analysis Start Date	21/03/2014	Analysis Completion Date	25/04/2014		
Part B: SAMPLING DETAILS					
Sample Collection	Collected by Us.				
Sampling Procedure	--				
Sampling Location	Down Stream Zari Causeway Bridge.				
Any Other Information	--				
Part C: TEST RESULTS					
Sr. No.	Test Parameters	Unit	Results	Method	General Standards
27	Lead (as Pb)	mg/lit.	BDL	APHA	NMT 0.1 mg/lit
28	Nickel (as Ni)	mg/lit.	BDL	APHA	NMT 3.0 mg/lit
29	Arsenic (as As)	mg/lit.	BDL	APHA	NMT 0.2 mg/lit
30	Mercury (as Hg)	mg/lit.	BDL	APHA	NMT 0.01 mg/lit
31	Cadmium (as Cd)	mg/lit.	BDL	APHA	NMT 2.0 mg/lit
32	Boron (as B)	mg/lit.	BDL	APHA	NMT 5 mg/lit.
33	Copper (as Cu)	mg/lit.	BDL	APHA	NMT 3.0 mg/lit
34	Potassium (as K)	mg/lit.	70	APHA	--
35	Alpha BHC	mg/lit.	BDL	APHA	Absent
36	Beta BHC	mg/lit.	BDL	APHA	Absent
37	Gamma BHC	mg/lit.	BDL	APHA	Absent
38	OP-DDT	mg/lit.	BDL	APHA	Absent
39	PP-DDT	mg/lit.	BDL	APHA	Absent
40	A-Endosulphan	mg/lit.	BDL	APHA	Absent
41	B-Endosulphan	mg/lit.	BDL	APHA	Absent
42	Dieldrin	mg/lit.	BDL	APHA	Absent
43	Carbaryl (Carbamate)	mg/lit.	BDL	APHA	Absent
44	2,4-D	mg/lit.	BDL	APHA	Absent
45	Aldrin	mg/lit.	BDL	APHA	Absent
46	Malathion	mg/lit.	BDL	APHA	Absent
47	Methyl parathion	mg/lit.	BDL	APHA	Absent
48	Anilophos	mg/lit.	BDL	APHA	Absent
49	Chloropyriphos	mg/lit.	BDL	APHA	Absent
50	Microbiological Test				
	Total Coliform	cfu/100ml	16000	IS	0/100 ml
	Fecal Coliform	cfu/100ml	250	IS	0/100 ml
Part D: REMARKS: BDL = Below Detection Limit.					

Note: This report is subjected to the terms and conditions mentioned overleaf


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TEST CERTIFICATE

Our Ref. No.	PLWS/20140321029	Issue Date	April 25, 2014		
Customer Name & Address	Pollution Control Committee, Daman.				
Customer Ref. No & Date	PCC/DDD projects/RW/2013-2014/277 Dated : 29/08/2013.				
Part A: SAMPLE PARTICULARS					
Sample Description	Daman Ganga River Water RW – A8				
Sample Quantity	5 Lit.	Packing	Plastic Carboy		
Sample Collection Date	21/03/2014	Sample Receipt Date	21/03/2014		
Analysis Start Date	21/03/2014	Analysis Completion Date	25/04/2014		
Part B: SAMPLING DETAILS					
Sample Collection	Collected by Us.				
Sampling Procedure	--				
Sampling Location	Down Stream At Khemani Diffuser Point.				
Any Other Information	--				
Part C: TEST RESULTS					
Sr. No.	Test Parameters	Unit	Results	Method	General Standards
1	Conductivity	µmhos/cm	8925	APHA	--
2	Temperature	°C	27.2	APHA	--
3	Turbidity	NTU	1.8	APHA	--
4	pH	--	7.14	APHA	5.5-9.0
5	Total Suspended Solids	mg/lit.	29	APHA	NMT 100 mg/lit
6	Total Dissolved Solids	mg/lit.	5714	APHA	--
7	Total Hardness (as CaCO ₃)	mg/lit.	1442	APHA	--
8	Total Alkalinity (as CaCO ₃)	mg/lit.	34	APHA	--
9	Phenolphthalein Alkalinity	mg/lit.	BDL	APHA	--
10	Calcium (as Ca)	mg/lit.	298	APHA	--
11	Magnesium (as Mg)	mg/lit.	152	APHA	--
12	Chemical Oxygen Demand	mg/lit.	147	APHA	NMT 250 mg/lit
13	Bio Chemical Oxygen Demand	mg/lit.	29	APHA	NMT 30 mg/lit
14	Dissolved Oxygen	mg/lit.	5.6	APHA	--
15	Total Kjeldahl Nitrogen	mg/lit.	BDL	APHA	NMT 100 mg/lit
16	Total Fixed Solids	mg/lit.	3747	APHA	--
17	Chloride (as Cl)	mg/lit.	3121	APHA	--
18	Sulphate (as SO ₄)	mg/lit.	584	APHA	--
19	Fluoride (as F ⁻)	mg/lit.	0.2	APHA	NMT 2.0 mg/lit
20	Nitrate (as NO ₃)	mg/lit.	2	APHA	NMT 10 mg/lit
21	Chromium (as Cr)	mg/lit.	BDL	APHA	NMT 2.0 mg/lit
22	Total Phosphate (as PO ₄)	mg/lit.	BDL	APHA	NMT 5.0 mg/lit
23	Sodium (as Na)	mg/lit.	994	APHA	--
24	Ammonia (as NH ₃)	mg/lit.	BDL	APHA	NMT 5.0 mg/lit
25	Zinc (as Zn)	mg/lit.	0.04	APHA	NMT 5.0 mg/lit
26	Iron (as Fe)	mg/lit.	BDL	APHA	0.3 mg/lit.

Contd./-

Recognitions

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Contact

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Telefax: (0260) 2425542, 2420995, 2424901, 3298985
e-mail: vapi@precitechlab.com

TEST CERTIFICATE

Our Ref. No.	PLWS/20140321029	Issue Date	April 25, 2014		
Customer Name & Address	Pollution Control Committee, Daman.				
Customer Ref. No & Date	PCC/DDD projects/RW/2013-2014/277 Dated : 29/08/2013.				
Part A: SAMPLE PARTICULARS					
Sample Description	Daman Ganga River Water RW – A8				
Sample Quantity	5 Lit.	Packing	Plastic Carboy		
Sample Collection Date	21/03/2014	Sample Receipt Date	21/03/2014		
Analysis Start Date	21/03/2014	Analysis Completion Date	25/04/2014		
Part B: SAMPLING DETAILS					
Sample Collection	Collected by Us.				
Sampling Procedure	--				
Sampling Location	Down Stream At Khemani Diffuser Point.				
Any Other Information	--				
Part C: TEST RESULTS					
Sr. No.	Test Parameters	Unit	Results	Method	General Standards
27	Lead (as Pb)	mg/lit.	BDL	APHA	NMT 0.1 mg/lit
28	Nickel (as Ni)	mg/lit.	BDL	APHA	NMT 3.0 mg/lit
29	Arsenic (as As)	mg/lit.	BDL	APHA	NMT 0.2 mg/lit
30	Mercury (as Hg)	mg/lit.	BDL	APHA	NMT 0.01 mg/lit
31	Cadmium (as Cd)	mg/lit.	BDL	APHA	NMT 2.0 mg/lit
32	Boron (as B)	mg/lit.	BDL	APHA	NMT 5 mg/lit.
33	Copper (as Cu)	mg/lit.	BDL	APHA	NMT 3.0 mg/lit
34	Potassium (as K)	mg/lit.	73	APHA	--
35	Alpha BHC	mg/lit.	BDL	APHA	Absent
36	Beta BHC	mg/lit.	BDL	APHA	Absent
37	Gamma BHC	mg/lit.	BDL	APHA	Absent
38	OP-DDT	mg/lit.	BDL	APHA	Absent
39	PP-DDT	mg/lit.	BDL	APHA	Absent
40	A-Endosulphan	mg/lit.	BDL	APHA	Absent
41	B-Endosulphan	mg/lit.	BDL	APHA	Absent
42	Dieldrin	mg/lit.	BDL	APHA	Absent
43	Carboryl (Carbamate)	mg/lit.	BDL	APHA	Absent
44	2,4-D	mg/lit.	BDL	APHA	Absent
45	Aldrin	mg/lit.	BDL	APHA	Absent
46	Malathian	mg/lit.	BDL	APHA	Absent
47	Methyl parathion	mg/lit.	BDL	APHA	Absent
48	Anilophos	mg/lit.	BDL	APHA	Absent
49	Chloropyriphos	mg/lit.	BDL	APHA	Absent
50	Microbiological Test				
	Total Coliform	cfu/100ml	5500	IS	0/100 ml
	Fecal Coliform	cfu/100ml	50	IS	0/100 ml
Part D: REMARKS: BDL = Below Detection Limit.					

Note: This report is subjected to the terms and conditions mentioned overleaf


Authorized Signatory.

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e-mail: vapi@precitechlab.com

River Water Monitoring

March 2014



TEST CERTIFICATE

Our Ref. No.	PLAWS/20140321030	Issue Date	April 25, 2014		
Customer Name & Address	Pollution Control Committee, Daman.				
Customer Ref. No & Date	PCC/DDD projects/RW/2013-2014/277 Dated : 29/08/2013.				
Part A: SAMPLE PARTICULARS					
Sample Description	Daman Ganga River Water RW – A9				
Sample Quantity	5 Lit.	Packing	Plastic Carboy		
Sample Collection Date	21/03/2014	Sample Receipt Date	21/03/2014		
Analysis Start Date	21/03/2014	Analysis Completion Date	25/04/2014		
Part B: SAMPLING DETAILS					
Sample Collection	Collected by Us.				
Sampling Procedure	--				
Sampling Location	Down Stream Moti Daman Jetty.				
Any Other Information	--				
Part C: TEST RESULTS					
Sr. No.	Test Parameters	Unit	Results	Method	General Standards
1	Conductivity	µmhos/cm	9587	APHA	--
2	Temperature	°C	27.2	APHA	--
3	Turbidity	NTU	40.7	APHA	--
4	pH	--	7.47	APHA	5.5-9.0
5	Total Suspended Solids	mg/lit.	35	APHA	NMT 100 mg/lit
6	Total Dissolved Solids	mg/lit.	6136	APHA	--
7	Total Hardness (as CaCO ₃)	Mg/lit.	4300	APHA	--
8	Total Alkalinity (as CaCO ₃)	mg/lit.	106	APHA	--
9	Phenolphthalein Alkalinity	mg/lit.	BDL	APHA	--
10	Calcium (as Ca)	mg/lit.	1322	APHA	--
11	Magnesium (as Mg)	mg/lit.	243	APHA	--
12	Chemical Oxygen Demand	mg/lit.	797	APHA	NMT 250 mg/lit
13	Bio Chemical Oxygen Demand	mg/lit.	380	APHA	NMT 30 mg/lit
14	Dissolved Oxygen	mg/lit.	5.2	APHA	--
15	Total Kjeldahl Nitrogen	mg/lit.	BDL	APHA	NMT 100 mg/lit
16	Total Fixed Solids	mg/lit.	4025	APHA	--
17	Chloride (as Cl ⁻)	mg/lit.	2245	APHA	--
18	Sulphate (as SO ₄)	mg/lit.	1045	APHA	--
19	Fluoride (as F ⁻)	mg/lit.	1.5	APHA	NMT 2.0 mg/lit
20	Nitrate (as NO ₃)	mg/lit.	BDL	APHA	NMT 10 mg/lit
21	Chromium (as Cr)	mg/lit.	BDL	APHA	NMT 2.0 mg/lit
22	Total Phosphate (as PO ₄)	mg/lit.	BDL	APHA	NMT 5.0 mg/lit
23	Sodium (as Na)	mg/lit.	1561	APHA	--
24	Ammonia (as NH ₃)	mg/lit.	BDL	APHA	NMT 5.0 mg/lit
25	Zinc (as Zn)	mg/lit.	BDL	APHA	NMT 5.0 mg/lit
26	Iron (as Fe)	mg/lit.	1.41	APHA	0.3 mg/lit.

Contd../-

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e-mail: vapi@precitechlab.com

TEST CERTIFICATE

Our Ref. No.	PLWS/20140321030	Issue Date	April 25, 2014		
Customer Name & Address	Pollution Control Committee, Daman.				
Customer Ref. No & Date	PCC/DDD projects/RW/2013-2014/277 Dated : 29/08/2013.				
Part A: SAMPLE PARTICULARS					
Sample Description	Daman Ganga River Water RW – A9				
Sample Quantity	5 Lit.	Packing	Plastic Carboy		
Sample Collection Date	21/03/2014	Sample Receipt Date	21/03/2014		
Analysis Start Date	21/03/2014	Analysis Completion Date	25/04/2014		
Part B: SAMPLING DETAILS					
Sample Collection	Collected by Us.				
Sampling Procedure	--				
Sampling Location	Down Stream Moti Daman Jetty.				
Any Other Information	--				
Part C: TEST RESULTS					
Sr. No.	Test Parameters	Unit	Results	Method	General Standards
27	Lead (as Pb)	mg/lit.	BDL	APHA	NMT 0.1 mg/lit
28	Nickel (as Ni)	mg/lit.	BDL	APHA	NMT 3.0 mg/lit
29	Arsenic (as As)	mg/lit.	BDL	APHA	NMT 0.2 mg/lit
30	Mercury (as Hg)	mg/lit.	BDL	APHA	NMT 0.01 mg/lit
31	Cadmium (as Cd)	mg/lit.	BDL	APHA	NMT 2.0 mg/lit
32	Boron (as B)	mg/lit.	BDL	APHA	NMT 5 mg/lit.
33	Copper (as Cu)	mg/lit.	BDL	APHA	NMT 3.0 mg/lit
34	Potassium (as K)	mg/lit.	505	APHA	--
35	Alpha BHC	mg/lit.	BDL	APHA	Absent
36	Beta BHC	mg/lit.	BDL	APHA	Absent
37	Gamma BHC	mg/lit.	BDL	APHA	Absent
38	OP-DDT	mg/lit.	BDL	APHA	Absent
39	PP-DDT	mg/lit.	BDL	APHA	Absent
40	A-Endosulphan	mg/lit.	BDL	APHA	Absent
41	B-Endosulphan	mg/lit.	BDL	APHA	Absent
42	Dieldrin	mg/lit.	BDL	APHA	Absent
43	Carbaryl (Carbamate)	mg/lit.	BDL	APHA	Absent
44	2,4-D	mg/lit.	BDL	APHA	Absent
45	Aldrin	mg/lit.	BDL	APHA	Absent
46	Malathian	mg/lit.	BDL	APHA	Absent
47	Methyl parathion	mg/lit.	BDL	APHA	Absent
48	Anilophos	mg/lit.	BDL	APHA	Absent
49	Chloropyriphos	mg/lit.	BDL	APHA	Absent
50	Microbiological Test				
	Total Coliform	cfu/100ml	170	IS	0/100 ml
	Fecal Coliform	cfu/100ml	Nil	IS	0/100 ml
Part D: REMARKS: BDL = Below Detection Limit.					

Note: This report is subjected to the terms and conditions mentioned overleaf



Authorized Signatory.

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Telefax: (0260) 2425542, 2420995, 2424901, 3298985
e-mail: vapi@precitechlab.com

TEST REPORT

Report No.	UERL /Chem/14/02/118	Date Of Report	10/03/2014
Name & Address of Customer	M/s. Pollution Control Committee. U.T. of DD and DNH. Daman.		Station Code No. A ₃
Sample Details	River Water	Sample Qty.	5 Lit.
Sampling Date	28/02/2014	Sample Received Date	28/02/2014
Sampled By	P.C.C. Hand Over to Us.	Appearance Of Sample	Colourless
Test Started Date	01/03/2014	Test Completion Date	08/03/2014
UERL Lab Sample ID.No. Chem/14/02/118			

TEST RESULTS

Sr. No.	Parameters	Test Method	Limit as per IS:10500:2012	Unit Of Measurement	Results
1.	Colour	IS 3025(Part 4)1983	5 Hazen unit	Hazen unit	1(10)
2.	Odour	IS 3025(Part 5)1983	Unobjectionable	--	Unobjectionable
3.	Temperature	IS 3025(Part 9)1984	--	^o C	30
4.	Dissolve Oxygen	IS 3025(Part 38)1989. (APHA 22 nd Ed.,2012.4500-O,B).	--	mg/l.	7.0
5.	pH at 25 ^o C	IS 3025(Part 11)1983. (APHA 22 nd Ed.,2012.4500-H'B)	6.5 - 8.5	Unit	7.27
6.	Conductivity	IS 3025(Part 14)1984	--	μs	217.1
7.	BOD (3 days at 27 ^o C)	IS 3025(Part 44)1993Amd.01	--	mg/L	N.D.
8.	Nitrate as N	(APHA 22 nd Ed.,2012.4500 NO3-B)	45	mg/l.	0.1
9.	Nitrite- N	APHA 22 nd Ed.,2012.4500NO ₂ B	--	mg/l.	0.022
10.	Arsenic	APHA 22 nd Ed.,2012.3114-C	0.01	mg/l.	N.D.
11.	Cadmium	IS 3025(Part 41)1992. (APHA 22 nd Ed.,2012.3111-B)	0.003	mg/L	0.01
12.	Copper	IS 3025(Part 42)1992amd.01. (APHA 22 nd Ed.,2012.3111-B)	0.05	mg/l.	0.01
13.	Lead	IS 3025(Part 47)1994Amd.02. (APHA 22 nd Ed.,2012.3111-B)	0.01	mg/l.	0.06
14.	Chromium	IS 3025(Part 52)2003. (APHA 22 nd Ed.,2012.3111-B)	0.05	mg/l.	N.D.
15.	Nickel	IS 3025(Part 54)2003. (APHA 22 nd Ed.,2012.3111-B)	0.02	mg/l.	0.10
16.	Zinc	IS 3025(Part 49)1994. (APHA 22 nd Ed.,2012.3111-B)	5	mg/l.	BDL(<0.1)
17.	Mercury	(APHA 22 nd Ed.,2012.3112-B)	0.001	mg/l.	N.D.
18.	Iron	IS 3025(Part 53)2003. (APHA 22 nd Ed.,2012.3111-B)	0.3	mg/l.	0.16
19.	Cyanide	IS 3025(Part 27)1986	0.05	mg/l.	N.D.
20.	Turbidity	IS 3025(Part 10)1984	1	NTU	BDL(<1.0)

TEST REPORT

Report No.	UERL /Chem/14/02/118	Date Of Report	10/03/2014
Name & Address of Customer	M/s. Pollution Control Committee. U.T. of DD and DNH. Daman.	Station Code No.	A ₃
Sample Details	River water	Sample Qty.	5 Lit.
Sampling Date	28/02/2014	Sample Received Date	28/02/2014
Sampled By	P.C.C. Hand Over to Us.	Appearance Of Sample	Colourless
Test Started Date	01/03/2014	Test Completion Date	08/03/2014
UERL Lab Sample ID.No. Chem/14/02/118			

TEST RESULTS

Sr. No.	Parameters	Test Method	Limit as per IS:10500:2012	Unit Of Measurement	Results
21.	Carbonate as CaCO ₃	IS 3025(Part 51)2001	--	mg/L	N.D.
22.	Bicarbonate as CaCO ₃	IS 3025(Part 51)2001	--	mg/L	105.9
23.	Chloride	IS 3025(Part 32)1988 (APHA 22 nd Ed.,2012,4500-Cl)	250	mg/L	8.8
24.	COD	IS 3025(Part 58)2006. (APIA 22 nd Ed.,2012,5220-B).	--	mg/L	N.D.
25.	TKN	APHA 22 nd Ed.,2012,4500 NH ₃ - B	--	mg/L	N.D.
26.	Ammonia as N	IS 3025(Part 34)1988, (APHA 22 nd Ed.,2012,4500 NH ₃ -B&C),	0.5	mg/L	N.D.
27.	Hardness	IS 3025(Part 21)2009,Amd.1	200	mg/L	67.7
28.	Calcium	APIA 22 nd Ed.,2012,3500 Ca.B)	75	mg/L	15.8
29.	Magnesium	APHA 22 nd Ed.,2012,3500 Mg.B	30	mg/L	6.9
30.	Sulphate	IS 3025(Part 24)1986	200	mg/L	2.7
31.	Sodium	APHA 22 nd Ed.,2012,3500 Na,B	---	mg/L	4.7
32.	TDS (Total Dissolve Solids)	(APHA 22 nd Ed.,2012,2540- C), IS 3025(Part 16)1984	500	mg/L	164
33.	TFS (Total Fixed Solids)	IS 3025(Part 18)1984,Amd.1 (APHA 22 nd Ed.,2012,2540 -E).	--	mg/L	92
34.	TSS (Total Suspended Solids)	IS 3025(Part 17)1984,Amd.1 (APHA 22 nd Ed.,2012,2540 -D).	--	mg/L	20
35.	Phosphate	(APHA 22 nd Ed.,2012,4500-P,D)	--	mg/L	N.D.
36.	Ortho phosphate	(APHA 22 nd Ed.,2012,4500-P,D)	--	mg/L	N.D.
37.	Boron	--	0.5	mg/L	N.D.
38.	Potassium	APHA 22 nd Ed.,2012,3500 K,B	--	mg/L	0.6
39.	Fluoride	(APHA 22 nd Ed.,2012,4500 F,D)	1.0	mg/L	BDL(<0.15)
40.	% Na	By Calculation	--	%	0.0047
41.	SAR	By Calculation	--	mg/L	1.39
42.	Total Alkalinity	IS 3025(Part 23)1986, Amd.2	200	mg/L	86.8
43.	P - Alkalinity	IS 3025(Part 23)1986, Amd.2	--	mg/L	BDL(<0.5)

TEST REPORT

Report No.	UERL /Chem/14/02/118	Date Of Report	10/03/2014
Name & Address of Customer	M/s. Pollution Control Committee. U.T. of DD and DNH. Daman.	Station Code No.	A ₃
Sample Details	River water	Sample Qty.	5 Lit.
Sampling Date	28/02/2014	Sample Received Date	28/02/2014
Sampled By	P.C.C. Hand Over to Us.	Appearance Of Sample	Colourless
Test Started Date	01/03/2014	Test Completion Date	08/03/2014
UERL Lab Sample ID.No. Chem/14/02/118			

TEST RESULTS

Sr. No.	Parameters	Test Method	Limit as per IS:10500:2012	Unit Of Measurement	Results
Pesticides:					
44.	Alpha BHC	US EPA 508-1995	Absent	ppb	Absent
45.	Beta BHC	US EPA 508-1995	Absent	ppb	Absent
46.	Gama BHC	US EPA 508-1995	Absent	ppb	Absent
47.	OP DDT	US EPA 508-1995	1	ppb	Absent
48.	PP DDT	US EPA 508-1995	1	ppb	Absent
49.	Alpha Endosulphan	US EPA 508-1995	0.4	ppb	Absent
50.	Beta Endosulphan	US EPA 508-1995	0.4	ppb	Absent
51.	Dieldrin	US EPA 508-1995	0.03	ppb	Absent
52.	2-4 D	US EPA 508-1995	30	ppb	Absent
53.	Aldrin	US EPA 508-1995	0.03	ppb	Absent
54.	Chloropyrifos.	US EPA 508-1995	30	ppb	Absent
55.	Carboryl (Carbamate)	US EPA 508-1995	Absent	ppb	Absent
56.	Methyl Parathin	US EPA 508-1995	0.3	ppb	Absent
57.	Anilophos	US EPA 508-1995	Absent	ppb	Absent
58.	Malathian	US EPA 508-1995	190	ppb	Absent

Note: BDL = Below Detection Limit. Colour = 1(10) = 10 Hazen Unit, N.D. = Not Detected.

***** End of Report *****

Tested By

(Signature)
(N.C.P.)
(Chemist)

Page 3 of 3

Checked By

(Signature)
(N.B.T.)
(Sr. Chemist)

Authorized By

(Signature)
(Technical Manager)
UERL/CHM/F-2/02

TEST REPORT (Microbiology)

Report No.	MICRO/14/02/118	Date Of Report	10/03/2014
Name & Address of Customer	M/s. Pollution Control Committee. U.T. of DD and DNH, Daman.	Station Code No.	A ₃
Sample Details	River Water	Sample Qty.	5 lit.
Sampling Date	28/02/2014	Sample Received Date	28/02/2014
Sampled By	P.C.C. Hand Over to Us.	Appearance Of Sample	Colorless
Test Started Date	01/03/2014	Test Completion Date	03/03/2014
UERL Lab Sample ID. No.	MIC/14/02/118		

TEST RESULTS:

Sr. No.	Parameters	Test Method	Limit as per IS:10500-2012	Unit Of Measurement	Results
1	Total Coliform	APHA 22 nd Ed.2012,9222-B	Absent	CFU/100 ml	20
2	Faecal Coliform	APHA 22 nd Ed.2012,9222-D	Absent	CFU/100 ml	8

Remarks: The sample portion tested does / doesn't comply as per drinking water specifications.


Opinions and Interpretations: (if required)

***** End of Report *****

Tested By


(Sneha A. Rana)
Jr. Microbiologist

Authorized By


(Ranjan Maharaj)
Sr. Microbiologist

TEST REPORT

Report No.	UERL /Chem/14/02/119	Date Of Report	10/03/2014
Name & Address of Customer	M/s. Pollution Control Committee. U.T. of DD and DNH. Daman.		Sample Code No. A8
Sample Details	River Water Sample	Sample Qty.	5 Lit.
Sampling Date	28/02/2014	Sample Received Date	28/02/2014
Sampled By	P.C.C. Hand Over to Us.	Appearance Of Sample	Slightly yellow
Test Started Date	01/03/2014	Test Completion Date	08/03/2014
UERL Lab Sample ID.No. Chem/14/02/119			

TEST RESULTS

Sr. No.	Parameters	Test Method	Limit as per IS:10500:2012	Unit Of Measurement	Results
1.	Colour	IS 3025(Part 4)1983	5 Hazen unit	Hazen unit	5(80)
2.	Odour	IS 3025(Part 5)1983	Unobjectionable	--	Unobjectionable
3.	Temperature	IS 3025(Part 9)1984	--	^o C	30
4.	Dissolve Oxygen	IS 3025(Part 38)1989. (APHA 22 nd Ed.,2012,4500-O,B).	--	mg/L.	6.1
5.	pH at 25 ^o C	IS 3025(Part 11)1983, (APHA 22 nd Ed.,2012,4500-H ⁺ B)	6.5 - 8.5	Unit	7.45
6.	Conductivity	IS 3025(Part 14)1984	--	μ s	31200
7.	BOD (3 days at 27 ^o C)	IS 3025(Part 44)1993Amd.01	--	mg/L.	128
8.	Nitrate as N	(APHA 22 nd Ed.,2012,4500 NO3-B)	45	mg/L.	0.7
9.	Nitrite- N	APHA 22 nd Ed.,2012,4500NO ₂ B	--	mg/L.	0.75
10.	Arsenic	APHA 22 nd Ed.,2012,3114-C	0.01	mg/L	N.D.
11.	Cadmium	IS 3025(Part 41)1992. (APHA 22 nd Ed.,2012,3111-B)	0.003	mg/L	0.06
12.	Copper	IS 3025(Part 42)1992amd.01. (APHA 22 nd Ed.,2012,3111-B)	0.05	mg/L.	0.08
13.	Lead	IS 3025(Part 47)1994Amd.02. (APHA 22 nd Ed.,2012,3111-B)	0.01	mg/L.	0.38
14.	Chromium	IS 3025(Part 52)2003. (APHA 22 nd Ed.,2012,3111-B)	0.05	mg/L.	0.41
15.	Nickel	IS 3025(Part 54)2003. (APHA 22 nd Ed.,2012,3111-B)	0.02	mg/L.	0.44
16.	Zinc	IS 3025(Part 49)1994. (APHA 22 nd Ed.,2012,3111-B)	5	mg/L.	BDL(<0.1)
17.	Mercury	(APHA 22 nd Ed.,2012,3112-B)	0.001	mg/L.	N.D.
18.	Iron	IS 3025(Part 53)2003. (APHA 22 nd Ed.,2012,3111-B)	0.3	mg/L.	0.84
19.	Cyanide	IS 3025(Part 27)1986	0.05	mg/L	N.D.
20.	Turbidity	IS 3025(Part 10)1984	1	NTU	BDL(<1.0)



TEST REPORT

Report No.	UERL /Chem/14/01/097	Date Of Report	06/02/2014
Name & Address of Customer	M/s. Pollution Control Committee. U.T. of DD and DNH. Daman.	Station Code No.	
		A ₃	
Sample Details	River Water	Sample Qty.	5 Lit.
Sampling Date	30/01/2014	Sample Received Date	30/01/2014
Sampled By	P.C.C. Hand Over to Us.	Appearance Of Sample	Colourless
Test Started Date	30/01/2014	Test Completion Date	05/02/2014
UERL Lab Sample ID.No. Chem/14/01/097			

TEST RESULTS

Sr. No.	Parameters	Test Method	Limit as per IS:10500:2012	Unit Of Measurement	Results
1.	Colour	IS 3025(Part 4)1983	5 Hazen unit	Hazen unit	1(10)
2.	Odour	IS 3025(Part 5)1983	Unobjectionable	--	Unobjectionable
3.	Temperature	IS 3025(Part 9)1984	--	°C	30
4.	Dissolve Oxygen	IS 3025(Part 38)1989, (APHA 22 nd Ed.,2012,4500-O,B),	--	mg/L	7.1
5.	pH at 25 °C	IS 3025(Part 11)1983, (APHA 22 nd Ed.,2012,4500-H ⁺ B)	6.5 - 8.5	Unit	7.49
6.	Conductivity	IS 3025(Part 14)1984	--	µs	212.8
7.	BOD (3 days at 27 °C)	IS 3025(Part 44)1993Amd.01	--	mg/L	N.D.
8.	Nitrate as N	(APHA 22 nd Ed.,2012,4500 NO ₃ -B)	45	mg/L	0.1
9.	Nitrite- N	APHA 22 nd Ed.,2012,4500NO ₂ -B	--	mg/L	BDL(<0.005)
10.	Arsenic	APHA 22 nd Ed.,2012,3114-C	0.01	mg/L	N.D.
11.	Cadmium	IS 3025(Part 41)1992, (APHA 22 nd Ed.,2012,3111-B)	0.003	mg/L	N.D.
12.	Copper	IS 3025(Part 42)1992amd.01, (APHA 22 nd Ed.,2012,3111-B)	0.05	mg/L	0.02
13.	Lead	IS 3025(Part 47)1994Amd.02, (APHA 22 nd Ed.,2012,3111-B)	0.01	mg/L	N.D.
14.	Chromium	IS 3025(Part 52)2003, (APHA 22 nd Ed.,2012,3111-B)	0.05	mg/L	N.D.
15.	Nickel	IS 3025(Part 54)2003, (APHA 22 nd Ed.,2012,3111-B)	0.02	mg/L	0.10
16.	Zinc	IS 3025(Part 49)1994, (APHA 22 nd Ed.,2012,3111-B)	5	mg/L	BDL(<0.1)
17.	Mercury	(APHA 22 nd Ed.,2012,3112-B)	0.001	mg/L	N.D.
18.	Iron	IS 3025(Part 53)2003, (APHA 22 nd Ed.,2012,3111-B)	0.3	mg/L	0.24
19.	Cyanide	IS 3025(Part 27)1986	0.05	mg/L	N.D.
20.	Turbidity	IS 3025(Part 10)1984	1	NTU	BDL(<1.0)

TEST REPORT

Report No.	UERL /Chem/14/01/098	Date Of Report	06/02/2014
Name & Address of Customer	M/s. Pollution Control Committee, U.T. of DD and DNH. Daman.	Sample Code No.	
		A8	
Sample Details	River Water Sample	Sample Qty.	5 Lit.
Sampling Date	30/01/2014	Sample Received Date	30/01/2014
Sampled By	P.C.C. Hand Over to Us.	Appearance Of Sample	Slightly yellow
Test Started Date	30/01/2014	Test Completion Date	05/02/2014
UERL Lab Sample ID.No. Chem/14/01/098			

TEST RESULTS

Sr. No.	Parameters	Test Method	Limit as per IS:10500:2012	Unit Of Measurement	Results
1.	Colour	IS 3025(Part 4)1983	5 Hazen unit	Hazen unit	10(150)
2.	Odour	IS 3025(Part 5)1983	Unobjectionable	--	Unobjectionable
3.	Temperature	IS 3025(Part 9)1984	--	°C	30
4.	Dissolve Oxygen	IS 3025(Part 38)1989, (APHA 22 nd Ed.,2012,4500-O,B).	--	mg/L	6.3
5.	pH at 25 °C	IS 3025(Part 11)1983, (APHA 22 nd Ed.,2012,4500-H ⁺ B)	6.5 - 8.5	Unit	7.56
6.	Conductivity	IS 3025(Part 14)1984	--	µs	30300
7.	BOD (3 days at 27 °C)	IS 3025(Part 44)1993Amd.01	--	mg/L	88
8.	Nitrate as N	(APHA 22 nd Ed.,2012,4500 NO3-B)	45	mg/L	0.7
9.	Nitrite- N	APHA 22 nd Ed.,2012,4500NO2B	--	mg/L	0.80
10.	Arsenic	APHA 22 nd Ed.,2012,3114-C	0.01	mg/L	N.D.
11.	Cadmium	IS 3025(Part 41)1992, (APHA 22 nd Ed.,2012,3111-B)	0.003	mg/L	0.02
12.	Copper	IS 3025(Part 42)1992amd.01, (APHA 22 nd Ed.,2012,3111-B)	0.05	mg/L	0.09
13.	Lead	IS 3025(Part 47)1994Amd.02, (APHA 22 nd Ed.,2012,3111-B)	0.01	mg/L	0.19
14.	Chromium	IS 3025(Part 52)2003, (APHA 22 nd Ed.,2012,3111-B)	0.05	mg/L	0.16
15.	Nickel	IS 3025(Part 54)2003, (APHA 22 nd Ed.,2012,3111-B)	0.02	mg/L	0.43
16.	Zinc	IS 3025(Part 49)1994, (APHA 22 nd Ed.,2012,3111-B)	5	mg/L	BDL(<0.1)
17.	Mercury	(APHA 22 nd Ed.,2012,3112-B)	0.001	mg/L	N.D.
18.	Iron	IS 3025(Part 53)2003, (APHA 22 nd Ed.,2012,3111-B)	0.3	mg/L	0.42
19.	Cyanide	IS 3025(Part27)1986	0.05	mg/L	N.D.
20.	Turbidity	IS 3025(Part 10)1984	1	NTU	BDL(<1.0)

TEST REPORT

Report No.	UERL /Chem/14/01/098	Date Of Report	06/02/2014
Name & Address of Customer	M/s. Pollution Control Committee, U.T. of DD and DNH. Daman.	Sample Code No.	A8
Sample Details	River Water	Sample Qty.	5 Lit.
Sampling Date	30/01/2014	Sample Received Date	30/01/2014
Sampled By	P.C.C. Hand Over to Us.	Appearance Of Sample	Slightly yellow
Test Started Date	30/01/2014	Test Completion Date	05/02/2014
UERL Lab Sample ID.No. Chem/14/01/098			

TEST RESULTS

Sr. No.	Parameters	Test Method	Limit as per IS:10500:2012	Unit Of Measurement	Results
21.	Carbonate as CaCO ₃	IS 3025(Part 51)2001	--	mg/L	N.D.
22.	Bicarbonate as CaCO ₃	IS 3025(Part 51)2001	--	mg/L	176.2
23.	Chloride	IS 3025(Part 32)1988 (APHA 22 nd Ed.,2012,4500-Cl)	250	mg/L	7483.8
24.	COD	IS 3025(Part 58)2006, (APHA 22 nd Ed.,2012,5220-B),	--	mg/L	275.8
25.	TKN	APHA 22 nd Ed.,2012,4500 NH ₃ - B	--	mg/L	2.4
26.	Ammonia as N	IS 3025(Part 34)1988, (APHA 22 nd Ed.,2012,4500 NH ₃ -B&C),	0.5	mg/L	1.0
27.	Hardness	IS 3025(Part 21)2009,Amd.1	200	mg/L	2587.2
28.	Calcium	APHA 22 nd Ed.,2012,3500 Ca.B)	75	mg/L	176.8
29.	Magnesium	APHA 22 nd Ed.,2012,3500 Mg.B	30	mg/L	521.5
30.	Sulphate	IS 3025(Part 24)1986	200	mg/L	1559
31.	Sodium	APHA 22 nd Ed.,2012,3500 Na,B	---	mg/L	3236
32.	TDS (Total Dissolve Solids)	(APHA 22 nd Ed.,2012,2540- C), IS 3025(Part 16)1984	500	mg/L	16380
33.	TFS (Total Fixed Solids)	IS 3025(Part 18)1984,Amd.1 (APHA 22 nd Ed.,2012,2540 -E),	--	mg/L	13200
34.	TSS (Total Suspended Solids)	IS 3025(Part 17)1984,Amd.1 (APHA 22 nd Ed.,2012,2540 -D),	--	mg/L	44
35.	Phosphate	(APHA 22 nd Ed.,2012,4500-P,D)	--	mg/L	0.49
36.	Ortho phosphate	(APHA 22 nd Ed.,2012,4500-P,D)	--	mg/L	N.D.
37.	Boron	--	0.5	mg/L	0.16
38.	Potassium	APHA 22 nd Ed.,2012,3500 K,B	--	mg/L	119.0
39.	Fluoride	(APHA 22 nd Ed.,2012,4500 F,D)	1.0	mg/L	3.4
40.	% Na	By Calculation	--	%	0.324
41.	SAR	By Calculation	--	--	173.1
42.	Total Alkalinity	IS 3025(Part 23)1986, Amd.2	200	mg/L	144.5
43.	P - Alkalinity	IS 3025(Part 23)1986, Amd.2	--	mg/L	BDL(<0.5)



TEST REPORT

Report No.	UERL /Chem/14/01/098	Date Of Report	06/02/2014
Name & Address of Customer	M/s. Pollution Control Committee. U.T. of DD and DNH. Daman.	Sample Code No.	
		A8	
Sample Details	River Water	Sample Qty.	5 Lit.
Sampling Date	30/01/2014	Sample Received Date	30/01/2014
Sampled By	P.C.C. Hand Over to Us.	Appearance Of Sample	Slightly yellow
Test Started Date	30/01/2014	Test Completion Date	05/02/2014
UERL Lab Sample ID.No. Chem/14/01/098			

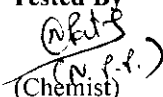
TEST RESULTS

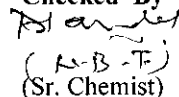
Sr. No.	Parameters	Test Method	Limit as per IS:10500:2012	Unit Of Measurement	Results
Pesticides:					
44.	Alpha BHC	US EPA 508-1995	Absent	ppb	Absent
45.	Beta BHC	US EPA 508-1995	Absent	ppb	Absent
46.	Gama BHC	US EPA 508-1995	Absent	ppb	Absent
47.	OP DDT	US EPA 508-1995	1	ppb	Absent
48.	PP DDT	US EPA 508-1995	1	ppb	Absent
49.	Alpha Endosulphan	US EPA 508-1995	0.4	ppb	Absent
50.	Beta Endosulphan	US EPA 508-1995	0.4	ppb	Absent
51.	Dieldrin	US EPA 508-1995	0.03	ppb	Absent
52.	2-4 D	US EPA 508-1995	30	ppb	Absent
53.	Aldrin	US EPA 508-1995	0.03	ppb	Absent
54.	Chloropyriphos.	US EPA 508-1995	30	ppb	Absent
55.	Carboryl (Carbamate)	US EPA 508-1995	Absent	ppb	Absent
56.	Methyl Parathin	US EPA 508-1995	0.3	ppb	Absent
57.	ABDLophos	US EPA 508-1995	Absent	ppb	Absent
58.	Malathian	US EPA 508-1995	190	ppb	Absent

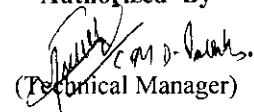
Note: BDL = Below Detection Limit, N.D. = Not detected

Colour = 10(150) = 150 Hazen Unit,

***** End of Report *****

Tested By

(N.P.F.)
(Chemist)

Checked By

(Sr. Chemist)

Authorized By

(Technical Manager)

TEST REPORT (Microbiology)

Report No.	MICRO/14/01/098	Date Of Report	06/02/2014
Name & Address of Customer	M/s. Pollution Control Committee.	Station Code No.	
	U.T. of DD and DNH, Daman.	A ₈	
Sample Details	River Water	Sample Qty.	5 lit.
Sampling Date	30/01/2014	Sample Received Date	30/01/2014
Sampled By	P.C.C. Hand Over to Us.	Appearance Of Sample	Orange Co lour
Test Started Date	30/01/2014	Test Completion Date	01/02/2014
UERL Lab Sample ID. No.	MIC/14/01/098		

TEST RESULTS:

Sr. No.	Parameters	Test Method	Limit as per IS:10500-2012	Unit Of Measurement	Results
1	Total Coliform	APHA 22 nd Ed.2012,9222-B	Absent	CFU/100 ml	8
2	Faecal Coliform	APHA 22 nd Ed.2012,9222-D	Absent	CFU/100 ml	2

Remarks: The sample portion tested does / doesn't comply as per drinking water specifications.

Opinions and Interpretations: (if required)

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***** End of Report *****

Tested By

SARang
(Sneha A. Rana)
Jr. Microbiologist

Authorized By

R. Mahapatra
(R. MAHAPATRA)