

River water for month of Dec 2012 2013



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LABORATORIES PVT. LTD.
PLOT NO. C5/27, 1ST FLOOR, BHANUJYOT COMPLEX,
VAPI - 396 195, GUJARAT

TEST CERTIFICATE

Our Ref. No.	PL/WS/20131226037	Issue Date	January 28, 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	26/12/2013	Sample Receipt Date	26/12/2013		
Analysis Start Date	27/12/2013	Analysis Completion Date	27/01/2014		
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	170	APHA	--
2	Temperature	°C	24.6	APHA	--
3	Turbidity	NTU	2.5	APHA	--
4	pH	--	7.50	APHA	5.5-9.0
5	Total Suspended Solids	mg/lit.	39	APHA	NMT 100 mg/lit
6	Total Dissolved Solids	mg/lit.	112	APHA	--
7	Total Hardness (as CaCO ₃)	mg/lit.	40	APHA	--
8	Total Alkalinity (as CaCO ₃)	mg/lit.	16	APHA	--
9	Phenolphthalein Alkalinity	mg/lit.	BDL	APHA	--
10	Calcium (as Ca)	mg/lit.	11	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.	6.9	APHA	--
15	Total Kjeldahl Nitrogen	mg/lit.	BDL	APHA	NMT 100 mg/lit
16	Total Fixed Solids	mg/lit.	61	APHA	--
17	Chloride (as Cl)	mg/lit.	13	APHA	--
18	Sulphate (as SO ₄)	mg/lit.	7.3	APHA	--
19	Fluoride (as F)	mg/lit.	BDL	APHA	NMT 2.0 mg/lit
20	Nitrate (as NO ₃)	mg/lit.	1	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.	2.11	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.	2.10	APHA	0.3 mg/lit.

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Recognitions

Recognised Env. Lab under EPA-1986 by Ministry of Environment & Forests
Recognized Environmental Auditors with Gujarat Pollution Control Board (GPCB)
An ISO 9001 : 2008 and BS OHSAS 18001 : 2007 Certified Laboratory
NABET Accredited EIA Consultant Organisation

Contact

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LABORATORIES PVT. LTD.
FORMERLY KNOWN AS PRECITECH LABORATORIES

TEST CERTIFICATE

Our Ref. No.	PLWS/20131226037	Issue Date	January 28, 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	26/12/2013	Sample Receipt Date	26/12/2013		
Analysis Start Date	27/12/2013	Analysis Completion Date	27/01/2014		
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.	0.73	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	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	1600	IS	0/100 ml
	Fecal Coliform	cfu/100ml	13	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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Authorized Signatory.

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TEST CERTIFICATE

Our Ref. No.	PLWS/20131226038	Issue Date	January 28, 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	26/12/2013	Sample Receipt Date	26/12/2013		
Analysis Start Date	27/12/2013	Analysis Completion Date	27/01/2014		
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	508	APHA	--
2	Temperature	°C	24.6	APHA	--
3	Turbidity	NTU	3.9	APHA	--
4	pH	--	7.51	APHA	5.5-9.0
5	Total Suspended Solids	mg/lit.	57	APHA	NMT 100 mg/lit
6	Total Dissolved Solids	mg/lit.	330	APHA	--
7	Total Hardness (as CaCO ₃)	mg/lit.	84	APHA	--
8	Total Alkalinity (as CaCO ₃)	mg/lit.	40	APHA	--
9	Phenolphthalein Alkalinity	mg/lit.	BDL	APHA	--
10	Calcium (as Ca)	mg/lit.	22	APHA	--
11	Magnesium (as Mg)	mg/lit.	7	APHA	--
12	Chemical Oxygen Demand	mg/lit.	21	APHA	NMT 250 mg/lit
13	Bio Chemical Oxygen Demand	mg/lit.	BDL	APHA	NMT 30 mg/lit
14	Dissolved Oxygen	mg/lit.	5.8	APHA	--
15	Total Kjeldahl Nitrogen	mg/lit.	BDL	APHA	NMT 100 mg/lit
16	Total Fixed Solids	mg/lit.	134	APHA	--
17	Chloride (as Cl ⁻)	mg/lit.	38.5	APHA	--
18	Sulphate (as SO ₄)	mg/lit.	40.6	APHA	--
19	Fluoride (as F ⁻)	mg/lit.	0.1	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.	4.5	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.	1.23	APHA	0.3 mg/lit.

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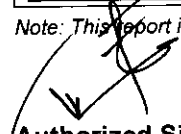
Contact

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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	26/12/2013	Sample Receipt Date	26/12/2013		
Analysis Start Date	27/12/2013	Analysis Completion Date	27/01/2014		
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.	1.12	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	1800	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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LABORATORIES PVT. LTD.
CORPORATE OFFICE: W/2, PANCHRATNA COMPLEX, VAPI

TEST CERTIFICATE

Our Ref. No.	PLWS/20131226039	Issue Date	January 28, 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	26/12/2013	Sample Receipt Date	26/12/2013		
Analysis Start Date	27/12/2013	Analysis Completion Date	27/01/2014		
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	231	APHA	--
2	Temperature	°C	24.6	APHA	--
3	Turbidity	NTU	1.5	APHA	--
4	pH	--	7.24	APHA	5.5-9.0
5	Total Suspended Solids	mg/lit.	9	APHA	NMT 100 mg/lit
6	Total Dissolved Solids	mg/lit.	148	APHA	--
7	Total Hardness (as CaCO ₃)	mg/lit.	44	APHA	--
8	Total Alkalinity (as CaCO ₃)	mg/lit.	36	APHA	--
9	Phenolphthalein Alkalinity	mg/lit.	BDL	APHA	--
10	Calcium (as Ca)	mg/lit.	13	APHA	--
11	Magnesium (as Mg)	mg/lit.	3	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.	7.2	APHA	--
15	Total Kjeldahl Nitrogen	mg/lit.	BDL	APHA	NMT 100 mg/lit
16	Total Fixed Solids	mg/lit.	68	APHA	--
17	Chloride (as Cl ⁻)	mg/lit.	12	APHA	--
18	Sulphate (as SO ₄)	mg/lit.	7	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.	3.4	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.	0.19	APHA	0.3 mg/lit.

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e-mail: vapi@precitechlab.com

TEST CERTIFICATE

Our Ref. No.	PLWS/20131226039	Issue Date	January 28, 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	26/12/2013	Sample Receipt Date	26/12/2013		
Analysis Start Date	27/12/2013	Analysis Completion Date	27/01/2014		
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.	0.67	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	20	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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e-mail: vapi@precitechlab.com

TEST CERTIFICATE

Our Ref. No.	PLWS/20131226040	Issue Date	January 28, 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	26/12/2013	Sample Receipt Date	26/12/2013		
Analysis Start Date	27/12/2013	Analysis Completion Date	27/01/2014		
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	246	APHA	--
2	Temperature	°C	24.6	APHA	--
3	Turbidity	NTU	2.7	APHA	--
4	pH	--	7.46	APHA	5.5-9.0
5	Total Suspended Solids	mg/lit.	8	APHA	NMT 100 mg/lit
6	Total Dissolved Solids	mg/lit.	160	APHA	--
7	Total Hardness (as CaCO ₃)	mg/lit.	40	APHA	--
8	Total Alkalinity (as CaCO ₃)	mg/lit.	39	APHA	--
9	Phenolphthalein Alkalinity	mg/lit.	BDL	APHA	--
10	Calcium (as Ca)	mg/lit.	14	APHA	--
11	Magnesium (as Mg)	mg/lit.	0.9	APHA	--
12	Chemical Oxygen Demand	mg/lit.	18	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.	55	APHA	--
17	Chloride (as Cl)	mg/lit.	17	APHA	--
18	Sulphate (as SO ₄)	mg/lit.	16.5	APHA	--
19	Fluoride (as F ⁻)	mg/lit.	0.5	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.	5.4	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.	0.2	APHA	0.3 mg/lit.

Contd../-

Recognitions

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LABORATORIES PVT LTD.
PLOT NO. C5/27, 1ST FLOOR, BHANUJOT COMPLEX, VAPI - 396 195

TEST CERTIFICATE

Our Ref. No.	PLAWS/20131226040	Issue Date	January 28, 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	26/12/2013	Sample Receipt Date	26/12/2013		
Analysis Start Date	27/12/2013	Analysis Completion Date	27/01/2014		
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.	0.68	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	350	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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Recognitions

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TEST CERTIFICATE

Our Ref. No.	PLWS/20131226041	Issue Date	January 28, 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	26/12/2013	Sample Receipt Date	26/12/2013		
Analysis Start Date	27/12/2013	Analysis Completion Date	27/01/2014		
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	242	APHA	--
2	Temperature	°C	24.6	APHA	--
3	Turbidity	NTU	2.5	APHA	--
4	pH	--	7.41	APHA	5.5-9.0
5	Total Suspended Solids	mg/lit.	23	APHA	NMT 100 mg/lit
6	Total Dissolved Solids	mg/lit.	158	APHA	--
7	Total Hardness (as CaCO ₃)	mg/lit.	36	APHA	--
8	Total Alkalinity (as CaCO ₃)	mg/lit.	32	APHA	--
9	Phenolphthalein Alkalinity	mg/lit.	BDL	APHA	--
10	Calcium (as Ca)	mg/lit.	14	APHA	--
11	Magnesium (as Mg)	mg/lit.	4	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.	16	APHA	NMT 100 mg/lit
16	Total Fixed Solids	mg/lit.	74	APHA	--
17	Chloride (as Cl)	mg/lit.	19	APHA	--
18	Sulphate (as SO ₄)	mg/lit.	9.2	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.	8.9	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.	0.26	APHA	0.3 mg/lit.

Contd../-

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PLOT NO. C5/27, B/H. PANCHRATNA COMPLEX, NR. GIDC CHAR RASTA, VAPI - 396 195

TEST CERTIFICATE

Our Ref. No.	PLWS/20131226041	Issue Date	January 28, 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	26/12/2013	Sample Receipt Date	26/12/2013		
Analysis Start Date	27/12/2013	Analysis Completion Date	27/01/2014		
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.	0.91	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	1600	IS	0/100 ml
	Fecal Coliform	cfu/100ml	Nil	IS	0/100 ml
Part D: REMARKS: BDL = Below Detection Limit.					

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TEST CERTIFICATE

Our Ref. No.	PLWS/20131226042	Issue Date	January 28, 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	26/12/2013	Sample Receipt Date	26/12/2013		
Analysis Start Date	27/12/2013	Analysis Completion Date	27/01/2014		
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	umhos/cm	6597	APHA	--
2	Temperature	°C	24.6	APHA	--
3	Turbidity	NTU	5.4	APHA	--
4	pH	--	7.10	APHA	5.5-9.0
5	Total Suspended Solids	mg/lit.	19	APHA	NMT 100 mg/lit
6	Total Dissolved Solids	mg/lit.	4222	APHA	--
7	Total Hardness (as CaCO ₃)	mg/lit.	1160	APHA	--
8	Total Alkalinity (as CaCO ₃)	mg/lit.	72	APHA	--
9	Phenolphthalein Alkalinity	mg/lit.	BDL	APHA	--
10	Calcium (as Ca)	mg/lit.	280	APHA	--
11	Magnesium (as Mg)	mg/lit.	111	APHA	--
12	Chemical Oxygen Demand	mg/lit.	119	APHA	NMT 250 mg/lit
13	Bio Chemical Oxygen Demand	mg/lit.	26	APHA	NMT 30 mg/lit
14	Dissolved Oxygen	mg/lit.	5.7	APHA	--
15	Total Kjeldahl Nitrogen	mg/lit.	11	APHA	NMT 100 mg/lit
16	Total Fixed Solids	mg/lit.	2533	APHA	--
17	Chloride (as Cl ⁻)	mg/lit.	2265	APHA	--
18	Sulphate (as SO ₄)	mg/lit.	335	APHA	--
19	Fluoride (as F ⁻)	mg/lit.	0.5	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.	245.4	APHA	--
24	Ammonia (as NH ₃)	mg/lit.	BDL	APHA	NMT 5.0 mg/lit
25	Zinc (as Zn)	mg/lit.	0.09	APHA	NMT 5.0 mg/lit
26	Iron (as Fe)	mg/lit.	3.1	APHA	0.3 mg/lit.

Contd./-

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TEST CERTIFICATE

Our Ref. No.	PLWS/20131226042	Issue Date	January 28, 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	26/12/2013	Sample Receipt Date	26/12/2013		
Analysis Start Date	27/12/2013	Analysis Completion Date	27/01/2014		
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.	46.7	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	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	1600	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/20131226043	Issue Date	January 28, 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	26/12/2013	Sample Receipt Date	26/12/2013		
Analysis Start Date	27/12/2013	Analysis Completion Date	27/01/2014		
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	10995	APHA	--
2	Temperature	°C	24.6	APHA	--
3	Turbidity	NTU	4.7	APHA	--
4	pH	--	7.25	APHA	5.5-9.0
5	Total Suspended Solids	mg/lit.	10	APHA	NMT 100 mg/lit
6	Total Dissolved Solids	mg/lit.	7028	APHA	--
7	Total Hardness (as CaCO ₃)	mg/lit.	1520	APHA	--
8	Total Alkalinity (as CaCO ₃)	mg/lit.	76	APHA	--
9	Phenolphthalein Alkalinity	mg/lit.	BDL	APHA	--
10	Calcium (as Ca)	mg/lit.	481	APHA	--
11	Magnesium (as Mg)	mg/lit.	78	APHA	--
12	Chemical Oxygen Demand	mg/lit.	320	APHA	NMT 250 mg/lit
13	Bio Chemical Oxygen Demand	mg/lit.	54	APHA	NMT 30 mg/lit
14	Dissolved Oxygen	mg/lit.	6.1	APHA	--
15	Total Kjeldahl Nitrogen	mg/lit.	BDL	APHA	NMT 100 mg/lit
16	Total Fixed Solids	mg/lit.	4211	APHA	--
17	Chloride (as Cl ⁻)	mg/lit.	3760	APHA	--
18	Sulphate (as SO ₄)	mg/lit.	865	APHA	--
19	Fluoride (as F ⁻)	mg/lit.	0.3	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.	618	APHA	--
24	Ammonia (as NH ₃)	mg/lit.	BDL	APHA	NMT 5.0 mg/lit
25	Zinc (as Zn)	mg/lit.	0.07	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/20131226043	Issue Date	January 28, 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	26/12/2013	Sample Receipt Date	26/12/2013		
Analysis Start Date	27/12/2013	Analysis Completion Date	27/01/2014		
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.	97	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	Chloropyrifos	mg/lit.	BDL	APHA	Absent
50	Microbiological Test				
	Total Coliform	cfu/100ml	900	IS	0/100 ml
	Fecal Coliform	cfu/100ml	Nii	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/20131226044	Issue Date	January 28, 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	26/12/2013	Sample Receipt Date	26/12/2013		
Analysis Start Date	27/12/2013	Analysis Completion Date	27/01/2014		
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	998	APHA	-
2	Temperature	°C	24.6	APHA	-
3	Turbidity	NTU	1.2	APHA	--
4	pH	--	6.60	APHA	5.5-9.0
5	Total Suspended Solids	mg/lit.	21	APHA	NMT 100 mg/lit
6	Total Dissolved Solids	mg/lit.	6110	APHA	--
7	Total Hardness (as CaCO ₃)	mg/lit.	1440	APHA	--
8	Total Alkalinity (as CaCO ₃)	mg/lit.	36	APHA	-
9	Phenolphthalein Alkalinity	mg/lit.	BDL	APHA	-
10	Calcium (as Ca)	mg/lit.	393	APHA	-
11	Magnesium (as Mg)	mg/lit.	112	APHA	--
12	Chemical Oxygen Demand	mg/lit.	124	APHA	NMT 250 mg/lit
13	Bio Chemical Oxygen Demand	mg/lit.	18	APHA	NMT 30 mg/lit
14	Dissolved Oxygen	mg/lit.	5.7	APHA	-
15	Total Kjeldahl Nitrogen	mg/lit.	BDL	APHA	NMT 100 mg/lit
16	Total Fixed Solids	mg/lit.	3055	APHA	-
17	Chloride (as Cl ⁻)	mg/lit.	3278	APHA	--
18	Sulphate (as SO ₄)	mg/lit.	942	APHA	-
19	Fluoride (as F ⁻)	mg/lit.	0.3	APHA	NMT 2.0 mg/lit
20	Nitrate (as NO ₃)	mg/lit.	3	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.	1413	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

Recognised Env. Lab under EPA-1986 by Ministry of Environment & Forests
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NABET Accredited EIA Consultant Organisation

Contact

1st Floor, Bhanujyot Complex, Plot No.C5/27,
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e-mail: vapi@precitechlab.com



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LABORATORIES PVT. LTD.
FORMERLY KNOWN AS PRECITECH LABORATORIES

TEST CERTIFICATE

Our Ref. No.	PL/WS/20131226044	Issue Date	January 28, 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	26/12/2013	Sample Receipt Date	26/12/2013		
Analysis Start Date	27/12/2013	Analysis Completion Date	27/01/2014		
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.	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	Chloropyrifos	mg/lit.	BDL	APHA	Absent
50	Microbiological Test				
	Total Coliform	cfu/100ml	1600	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.

Recognitions

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NABET Accredited EIA Consultant Organisation

Contact

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



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LABORATORIES PVT. LTD.
PUNJAPUR, INDIA. AS PRECITECH LABORATORY

TEST CERTIFICATE

Our Ref. No.	PL/WS/20131226045	Issue Date	January 28, 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	26/12/2013	Sample Receipt Date	26/12/2013		
Analysis Start Date	27/12/2013	Analysis Completion Date	27/01/2014		
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	33054	APHA	--
2	Temperature	°C	24.6	APHA	--
3	Turbidity	NTU	221	APHA	--
4	pH	--	6.87	APHA	5.5-9.0
5	Total Suspended Solids	mg/lit.	371	APHA	NMT 100 mg/lit
6	Total Dissolved Solids	mg/lit.	21204	APHA	--
7	Total Hardness (as CaCO ₃)	Mg/lit.	4040	APHA	--
8	Total Alkalinity (as CaCO ₃)	mg/lit.	52	APHA	--
9	Phenolphthalein Alkalinity	mg/lit.	BDL	APHA	--
10	Calcium (as Ca)	mg/lit.	1066	APHA	--
11	Magnesium (as Mg)	mg/lit.	335	APHA	--
12	Chemical Oxygen Demand	mg/lit.	1052	APHA	NMT 250 mg/lit
13	Bio Chemical Oxygen Demand	mg/lit.	173	APHA	NMT 30 mg/lit
14	Dissolved Oxygen	mg/lit.	4.5	APHA	--
15	Total Kjeldahl Nitrogen	mg/lit.	BDL	APHA	NMT 100 mg/lit
16	Total Fixed Solids	mg/lit.	16954	APHA	--
17	Chloride (as Cl)	mg/lit.	6605	APHA	--
18	Sulphate (as SO ₄)	mg/lit.	1720	APHA	--
19	Fluoride (as F)	mg/lit.	1.5	APHA	NMT 2.0 mg/lit
20	Nitrate (as NO ₃)	mg/lit.	5	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.	209	APHA	--
24	Ammonia (as NH ₃)	mg/lit.	BDL	APHA	NMT 5.0 mg/lit
25	Zinc (as Zn)	mg/lit.	0.17	APHA	NMT 5.0 mg/lit
26	Iron (as Fe)	mg/lit.	6.95	APHA	0.3 mg/lit.

Contd./-

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LABORATORIES PVT. LTD.
FORMERLY KNOWN AS PRECITECH LABORATORIES

TEST CERTIFICATE

Our Ref. No.	PLWS/20131226045	Issue Date	January 28, 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	26/12/2013	Sample Receipt Date	26/12/2013		
Analysis Start Date	27/12/2013	Analysis Completion Date	27/01/2014		
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.	223	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	Chloropyrifos	mg/lit.	BDL	APHA	Absent
50	Microbiological Test				
	Total Coliform	cfu/100ml	1600	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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Telefax: (0260) 2425542, 2420995, 2424901, 3298985
e-mail: vapi@precitechlab.com

TEST REPORT

Report No.	UERL /Chem/13/11/049	Date Of Report	09/12/2013
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	27/11/2013	Sample Received Date	28/11/2013
Sampled By	P.C.C. Hand Over to Us.	Appearance Of Sample	Colourless
Test Started Date	28/11/2013	Test Completion Date	07/12/2013
UERL Lab Sample ID.No. Chem/13/11/049			

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	6.8
5.	pH at 25 °C	IS 3025(Part 11)1983, (APHA 22 nd Ed.,2012,4500-II'B)	6.5 - 8.5	Unit	7.38
6.	Conductivity	IS 3025(Part 14)1984	--	µs	186.8
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	0.041
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	0.10
14.	Chromium	IS 3025(Part 52)2003, (APHA 22 nd Ed.,2012,3111-B)	0.05	mg/L	0.09
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	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	0.25
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/13/11/049	Date Of Report	09/12/2013
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	27/11/2013	Sample Received Date	28/11/2013
Sampled By	P.C.C. Hand Over to Us.	Appearance Of Sample	Colourless
Test Started Date	28/11/2013	Test Completion Date	07/12/2013
UERL Lab Sample ID.No. Chem/13/11/049			

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	68
23.	Chloride	IS 3025(Part 32)1988 (APHA 22 nd Ed.,2012,4500-Cl)	250	mg/L	9.6
24.	COD	IS 3025(Part 58)2006, (APHA 22 nd Ed.,2012,5220-B),	--	mg/L	12.1
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	71.4
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	7.1
30.	Sulphate	IS 3025(Part 24)1986	200	mg/L	2.9
31.	Sodium	APHA 22 nd Ed.,2012,3500 Na.B	--	mg/L	10.4
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	64
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	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	6.1
39.	Fluoride	(APHA 22 nd Ed.,2012,4500 F.D)	1.0	mg/L	0.27
40.	% Na	By Calculation	--	%	0.001
41.	SAR	By Calculation	--	mg/L	3.01
42.	Total Alkalinity	IS 3025(Part 23)1986, Amd.2	200	mg/L	55.8
43.	P - Alkalinity	IS 3025(Part 23)1986, Amd.2	--	mg/L	BDL(<0.5)

TEST REPORT

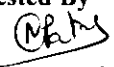
Report No.	UERL /Chem/13/11/049	Date Of Report	09/12/2013
Name & Address of Customer	M/s. Pollution Control Committee. U.T. of DD and DNH. Daman.	Station Code No.	A ₃
Sample Details	River water	Sample Qty.	5 Lit.
Sampling Date	27/11/2013	Sample Received Date	28/11/2013
Sampled By	P.C.C. Hand Over to Us.	Appearance Of Sample	Colourless
Test Started Date	28/11/2013	Test Completion Date	07/12/2013
UERL Lab Sample ID.No. Chem/13/11/049			

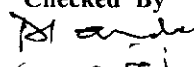
TEST RESULTS

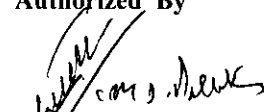
Sr. No.	Parameters	Test Method	Limit as per IS:10500:2012	Unit Of Measurement	Results
Pesticides:					
44.	Alpha BHC	US EPA 508-1995	Absent	ppb	Absent
45.	Beta BHC	US EPA 508-1995	Absent	ppb	Absent
46.	Gama BHC	US EPA 508-1995	Absent	ppb	Absent
47.	OP DDT	US EPA 508-1995	1	ppb	Absent
48.	PP DDT	US EPA 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

(N.P.P.)
(Chemist)

Checked By

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

Authorized By

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

TEST REPORT (Microbiology)

Report No.	MICRO/13/11/049	Date Of Report	09/12/2013
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	27/11/2013	Sample Received Date	28/11/2013
Sampled By	P.C.C. Hand Over to Us.	Appearance Of Sample	Colorless
Test Started Date	29/11/2013	Test Completion Date	01/12/2013
UERL Lab Sample ID. No.	MIC/13/11/049		

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	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

SARANYA

(Sneha A. Rana)
Jr. Microbiologist

Authorized By

Ranjan
(Ranjan Maharaj)
Sr. Microbiologist

MoEF (Govt. of India) Recognized
Environment Laboratory under the
Environment (Protection) Act, 1986
(22.7.2009 to 21.7.2014)

NABL (ISO/IEC-17025) Accredited Laboratory
Chemical Testing: T-2239 Biological Testing: T-2240
(07.06.2012 to 06.06.2014)

QCI-NABET Accredited EIA
Consultant Organization

Gujarat Pollution Control Board
(Govt. of Gujarat) Recognized
Environmental Auditor (Schedule-II)

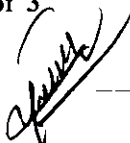
OHSAS18001:2007 Certified
Laboratory Management System
B C I / O / J / 1 0 5 1

TEST REPORT

Report No.	UERL /Chem/13/11/050	Date Of Report	09/12/2013
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	27/11/2013	Sample Received Date	28/11/2013
Sampled By	P.C.C. Hand Over to Us.	Appearance Of Sample	Orange Co lour
Test Started Date	28/11/2013	Test Completion Date	07/12/2013
UERL Lab Sample ID.No. Chem/13/11/050			

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(200)
2.	Odour	IS 3025(Part 5)1983	Unobjectionable	--	Unobjectionable
3.	Temperature	IS 3025(Part 9)1984	--	°C	31
4.	Dissolve Oxygen	IS 3025(Part 38)1989, (APHA 22 nd Ed.,2012,4500-O,B),	--	mg/L	5.2
5.	pH at 25 °C	IS 3025(Part 11)1983, (APHA 22 nd Ed.,2012,4500-H ⁺ B)	6.5 - 8.5	Unit	7.39
6.	Conductivity	IS 3025(Part 14)1984	--	µs	13130
7.	BOD (3 days at 27 °C)	IS 3025(Part 44)1993Amd.01	--	mg/L	83
8.	Nitrate as N	(APHA 22 nd Ed.,2012,4500 NO ₃ -B)	45	mg/L	0.7
9.	Nitrite- N	APHA 22 nd Ed.,2012,4500NO ₂ B	--	mg/L	0.17
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	0.05
13.	Lead	IS 3025(Part 47)1994Amd.02, (APHA 22 nd Ed.,2012,3111-B)	0.01	mg/L	0.30
14.	Chromium	IS 3025(Part 52)2003, (APHA 22 nd Ed.,2012,3111-B)	0.05	mg/L	0.30
15.	Nickel	IS 3025(Part 54)2003, (APHA 22 nd Ed.,2012,3111-B)	0.02	mg/L	0.15
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	0.28
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/13/11/050	Date Of Report	09/12/2013
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	27/11/2013	Sample Received Date	28/11/2013
Sampled By	P.C.C. Hand Over to Us.	Appearance Of Sample	Orange Co lour
Test Started Date	28/11/2013	Test Completion Date	07/12/2013
UERL Lab Sample ID.No. Chem/13/11/050			

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	176.8
23.	Chloride	IS 3025(Part 32)1988 (APHA 22 nd Ed.,2012,4500-Cl)	250	mg/L	3782.5
24.	COD	IS 3025(Part 58)2006, (APHA 22 nd Ed.,2012,5220-B),	--	mg/L	258
25.	TKN	APHA 22 nd Ed.,2012,4500 NH ₃ - B	--	mg/L	8.4
26.	Ammonia as N	IS 3025(Part 34)1988, (APHA 22 nd Ed.,2012,4500 NH ₃ -B&C),	0.5	mg/L	3.1
27.	Hardness	IS 3025(Part 21)2009,Amd.1	200	mg/L	1302
28.	Calcium	APHA 22 nd Ed.,2012,3500 Ca.B)	75	mg/L	113.6
29.	Magnesium	APHA 22 nd Ed.,2012,3500 Mg.B	30	mg/L	247.5
30.	Sulphate	IS 3025(Part 24)1986	200	mg/L	774
31.	Sodium	APHA 22 nd Ed.,2012,3500 Na,B	---	mg/L	1450
32.	TDS (Total Dissolve Solids)	(APHA 22 nd Ed.,2012,2540- C), IS 3025(Part 16)1984	500	mg/L	7000
33.	TFS (Total Fixed Solids)	IS 3025(Part 18)1984,Amd.1 (APHA 22 nd Ed.,2012,2540 -E),	--	mg/L	5510
34.	TSS (Total Suspended Solids)	IS 3025(Part 17)1984,Amd.1 (APHA 22 nd Ed.,2012,2540 -D),	--	mg/L	356
35.	Phosphate	(APHA 22 nd Ed.,2012,4500-P,D)	--	mg/L	0.24
36.	Ortho phosphate	(APHA 22 nd Ed.,2012,4500-P,D)	--	mg/L	N.D.
37.	Boron	--	0.5	mg/L	0.10
38.	Potassium	APHA 22 nd Ed.,2012,3500 K,B	--	mg/L	63
39.	Fluoride	(APHA 22 nd Ed.,2012,4500 F,D)	1.0	mg/L	0.64
40.	% Na	By Calculation	--	%	0.145
41.	SAR	By Calculation	--	--	107.9
42.	Total Alkalinity	IS 3025(Part 23)1986, Amd.2	200	mg/L	145
43.	P - Alkalinity	IS 3025(Part 23)1986, Amd.2	--	mg/L	BDL(<0.5)



MoEF (Govt. of India) Recognized
Environment Laboratory under the
Environment (Protection) Act, 1986
(22.7.2009 to 21.7.2014)

NABL (ISO/IEC-17025) Accredited Laboratory
Chemical Testing: T-2239 Biological Testing: T-2240
(07.06.2012 to 06.06.2014)

QCI-NABET Accredited EIA
Consultant Organization

Gujarat Pollution Control Board
(Govt. of Gujarat) Recognized
Environmental Auditor (Schedule-II)

OHSAS18001:2007 Certified
Laboratory Management System
B C I / O / J / 1 0 5 1

TEST REPORT

Report No.	UERL /Chem/13/11/050	Date Of Report	09/12/2013
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	27/11/2013	Sample Received Date	28/11/2013
Sampled By	P.C.C. Hand Over to Us.	Appearance Of Sample	Orange Co lour
Test Started Date	28/11/2013	Test Completion Date	07/12/2013
UERL Lab Sample ID.No. Chem/13/11/050			

TEST RESULTS

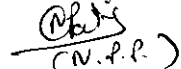
Sr. No.	Parameters	Test Method	Limit as per IS:10500:2012	Unit Of Measurement	Results
Pesticides:					
44.	Alpha BHC	US EPA 508-1995	Absent	ppb	Absent
45.	Beta BHC	US EPA 508-1995	Absent	ppb	Absent
46.	Gama BHC	US EPA 508-1995	Absent	ppb	Absent
47.	OP DDT	US EPA 508-1995	1	ppb	Absent
48.	PP DDT	US EPA 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

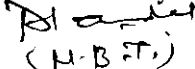
Colour = 10(200) = 200 Hazen Unit,

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

Tested By


(N.P.R.)
(Chemist)

Checked By


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

Authorized By


(Technical Manager)

TEST REPORT (Microbiology)

Report No.	MICRO/13/11/050	Date Of Report	09/12/2013
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.	5 lit.
Sampling Date	27/11/2013	Sample Received Date	28/11/2013
Sampled By	P.C.C. Hand Over to Us.	Appearance Of Sample	Orange Co lour
Test Started Date	29/11/2013	Test Completion Date	01/12/2013
UERL Lab Sample ID. No.	MIC/13/11/050		

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	12
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)

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

Tested By

SARANG
(Sneha A. Rana)
Jr. Microbiologist

Authorized By

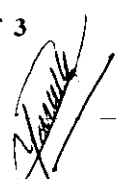
Ranjan
(Ranjan Maharaj)
Sr. Microbiologist

TEST REPORT

Report No.	UERL /Chem/13/10/061	Date Of Report	01/11/2013
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	23/10/2013	Sample Received Date	23/10/2013
Sampled By	P.C.C. Hand Over to Us.	Appearance Of Sample	Slightly yellow
Test Started Date	23/10/2013	Test Completion Date	31/10/2013
UERL Lab Sample ID.No. Chem/13/10/061			

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(200)
2.	Odour	IS 3025(Part 5)1983	Unobjectionable	--	Unobjectionable
3.	Temperature	IS 3025(Part 9)1984	--	°C	31
4.	Dissolve Oxygen	IS 3025(Part 38)1989, (APHA 22 nd Ed.,2012,4500-O,B),	--	mg/L	5.7
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	21580
7.	BOD (3 days at 27 °C)	IS 3025(Part 44)1993Amd.01	--	mg/L	112
8.	Nitrate as N	(APHA 22 nd Ed.,2012,4500 NO3-B)	45	mg/L	0.6
9.	Nitrite- N	APHA 22 nd Ed.,2012,4500NO ₂ B	--	mg/L	0.18
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	0.03
12.	Copper	IS 3025(Part 42)1992amd.01, (APHA 22 nd Ed.,2012,3111-B)	0.05	mg/L	0.04
13.	Lead	IS 3025(Part 47)1994Amd.02, (APHA 22 nd Ed.,2012,3111-B)	0.01	mg/L	0.40
14.	Chromium	IS 3025(Part 52)2003, (APHA 22 nd Ed.,2012,3111-B)	0.05	mg/L	0.25
15.	Nickel	IS 3025(Part 54)2003, (APHA 22 nd Ed.,2012,3111-B)	0.02	mg/L	0.17
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	0.30
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/13/10/061	Date Of Report	01/11/2013
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	23/10/2013	Sample Received Date	23/10/2013
Sampled By	P.C.C. Hand Over to Us.	Appearance Of Sample	Slightly yellow
Test Started Date	23/10/2013	Test Completion Date	31/10/2013
UERL Lab Sample ID.No. Chem/13/10/061			

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	160.5
23.	Chloride	IS 3025(Part 32)1988 (APHA 22 nd Ed.,2012,4500-Cl)	250	mg/L	5442.3
24.	COD	IS 3025(Part 58)2006, (APHA 22 nd Ed.,2012,5220-B),	--	mg/L	362.1
25.	TKN	APHA 22 nd Ed.,2012,4500 NH ₃ - B	--	mg/L	1.57
26.	Ammonia as N	IS 3025(Part 34)1988, (APHA 22 nd Ed.,2012,4500 NH ₃ -B&C),	0.5	mg/L	0.89
27.	Hardness	IS 3025(Part 21)2009,Amd.1	200	mg/L	1744.4
28.	Calcium	APHA 22 nd Ed.,2012,3500 Ca.B)	75	mg/L	141.4
29.	Magnesium	APHA 22 nd Ed.,2012,3500 Mg.B	30	mg/L	338.2
30.	Sulphate	IS 3025(Part 24)1986	200	mg/L	972
31.	Sodium	APHA 22 nd Ed.,2012,3500 Na,B	---	mg/L	2160
32.	TDS (Total Dissolve Solids)	(APHA 22 nd Ed.,2012,2540- C), IS 3025(Part 16)1984	500	mg/L	12104
33.	TFS (Total Fixed Solids)	IS 3025(Part 18)1984,Amd.1 (APHA 22 nd Ed.,2012,2540 -E),	--	mg/L	9020
34.	TSS (Total Suspended Solids)	IS 3025(Part 17)1984,Amd.1 (APHA 22 nd Ed.,2012,2540 -D),	--	mg/L	84
35.	Phosphate	(APHA 22 nd Ed.,2012,4500-P,D)	--	mg/L	0.15
36.	Ortho phosphate	(APHA 22 nd Ed.,2012,4500-P.D)	--	mg/L	N.D.
37.	Boron	--	0.5	mg/L	0.12
38.	Potassium	APHA 22 nd Ed.,2012,3500 K.B	--	mg/L	89.6
39.	Fluoride	(APHA 22 nd Ed.,2012,4500 F.D)	1.0	mg/L	0.88
40.	% Na	By Calculation	--	%	0.216
41.	SAR	By Calculation	--	--	139.4
42.	Total Alkalinity	IS 3025(Part 23)1986, Amd.2	200	mg/L	131.6
43.	P - Alkalinity	IS 3025(Part 23)1986, Amd.2	--	mg/L	BDL(<0.5)



MoEF (Govt. of India) Recognized
Environment Laboratory under the
Environment (Protection) Act, 1986
(22.7.2009 to 21.7.2014)

NABL (ISO/IEC-17025) Accredited Laboratory
Chemical Testing: T-2239 Biological Testing: T-2240
(07.06.2012 to 06.06.2014)

QCI-NABET Accredited EIA
Consultant Organization

Gujarat Pollution Control Board
(Govt. of Gujarat) Recognized
Environmental Auditor (Schedule-II)

OHSAS18001:2007 Certified
Laboratory Management System
B C I / O / J / 1 0 5 1

TEST REPORT

Report No.	UERL /Chem/13/10/061	Date Of Report	01/11/2013
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	23/10/2013	Sample Received Date	23/10/2013
Sampled By	P.C.C. Hand Over to Us.	Appearance Of Sample	Slightly yellow
Test Started Date	23/10/2013	Test Completion Date	31/10/2013
UERL Lab Sample ID.No. Chem/13/10/061			

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(200) = 200 Hazen Unit,

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

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

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

Authorized By
(Signature)
(M.I. Anil)
(Technical Manager)

TEST REPORT (Microbiology)

Report No.	MICRO/13/10/061	Date Of Report	01/11/2013
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.	5 Lit.
Sampling Date	23/10/2013	Sample Received Date	23/10/2013
Sampled By	P.C.C. Hand Over to Us.	Appearance Of Sample	Colourless
Test Started Date	23/10/2013	Test Completion Date	25/10/2013
UERL Lab Sample ID.No.: : MIC/13/10/061			

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	16


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 Maharaj)
Sr. Microbiologist

TEST REPORT

Report No.	UERL /Chem/13/10/060	Date Of Report	01/11/2013
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	23/10/2013	Sample Received Date	23/10/2013
Sampled By	P.C.C. Hand Over to Us.	Appearance Of Sample	Colourless
Test Started Date	23/10/2013	Test Completion Date	31/10/2013
UERL Lab Sample ID.No. Chem/13/10/060			

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	31
4.	Dissolve Oxygen	IS 3025(Part 38)1989, (APHA 22 nd Ed.,2012,4500-O,B),	--	mg/L	6.8
5.	pH at 25 °C	IS 3025(Part 11)1983, (APHA 22 nd Ed.,2012,4500-H ⁺ B)	6.5 - 8.5	Unit	7.08
6.	Conductivity	IS 3025(Part 14)1984	--	µs	160.9
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	BDL(<0.01)
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	0.14
14.	Chromium	IS 3025(Part 52)2003, (APHA 22 nd Ed.,2012,3111-B)	0.05	mg/L	0.13
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	0.14
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/13/10/060	Date Of Report	01/11/2013
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	23/10/2013	Sample Received Date	23/10/2013
Sampled By	P.C.C. Hand Over to Us.	Appearance Of Sample	Colourless
Test Started Date	23/10/2013	Test Completion Date	31/10/2013
UERL Lab Sample ID.No. Chem/13/10/060			

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	68.8
23.	Chloride	IS 3025(Part 32)1988 (APHA 22 nd Ed.,2012,4500-CI)	250	mg/L	21.5
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	BDL(<0.2)
27.	Hardness	IS 3025(Part 21)2009.Amd.1	200	mg/L	58.8
28.	Calcium	APHA 22 nd Ed.,2012,3500 Ca.B)	75	mg/L	11.8
29.	Magnesium	APHA 22 nd Ed.,2012,3500 Mg.B	30	mg/L	7.1
30.	Sulphate	IS 3025(Part 24)1986	200	mg/L	3.1
31.	Sodium	APHA 22 nd Ed.,2012,3500 Na,B	---	mg/L	4.1
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	104
34.	TSS (Total Suspended Solids)	IS 3025(Part 17)1984,Amd.1 (APHA 22 nd Ed.,2012,2540 -D),	--	mg/L	16
35.	Phosphate	(APHA 22 nd Ed.,2012,4500-P,D)	--	mg/L	0.04
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	0.22
40.	% Na	By Calculation	--	%	0.0004
41.	SAR	By Calculation	--	mg/L	1.34
42.	Total Alkalinity	IS 3025(Part 23)1986, Amd.2	200	mg/L	56.4
43.	P - Alkalinity	IS 3025(Part 23)1986, Amd.2	--	mg/L	BDL(<0.5)



TEST REPORT

Report No.	UERL /Chem/13/10/060	Date Of Report	01/11/2013
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	23/10/2013	Sample Received Date	23/10/2013
Sampled By	P.C.C. Hand Over to Us.	Appearance Of Sample	Colourless
Test Started Date	23/10/2013	Test Completion Date	31/10/2013
UERL Lab Sample ID.No. Chem/13/10/060			

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

(N.C.P.)
(Chemist)

Checked By

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

Authorized By

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

TEST REPORT (Microbiology)

Report No.	MICRO/13/10/060	Date Of Report	01/11/2013
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	23/10/2013	Sample Received Date	23/10/2013
Sampled By	P.C.C. Hand Over to Us.	Appearance Of Sample	Colourless
Test Started Date	23/10/2013	Test Completion Date	25/10/2013
UERL Lab Sample ID.No.: MIC/13/10/060			

TEST RESULTS:

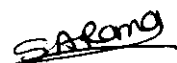
Sr. No.	Parameters	Test Method	Limit as per IS:10500-2012	Unit Of Measurement	Results
1	Total Coliform	APHA 22 nd Ed.2012,9222-B	Absent	CFU/100 ml	46
2	Faecal Coliform	APHA 22 nd Ed.2012,9222-D	Absent	CFU/100 ml	28

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

Opinions and Interpretations: (if required)

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

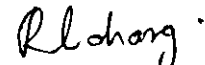
Tested By



(Sneha A. Rana)

Jr. Microbiologist

Authorized By



(Ranjan Maharaj)

Sr. Microbiologist

River water
Sep 13



Precitech Laboratories Pvt. Ltd.
(Formerly Known as Precitech Laboratories)

TEST CERTIFICATE

Our Ref. No.	PLWS/20130910020	Issue Date	October 16, 2013		
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	10/09/2013	Sample Receipt Date	10/09/2013		
Analysis Start Date	11/09/2013	Analysis Completion Date	15/10/2013		
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	19672	APHA	--
2	Temperature	°C	27	APHA	--
3	Turbidity	NTU	146	APHA	--
4	pH	--	7.56	APHA	5.5-9.0
5	Total Suspended Solids	mg/lit.	208	APHA	NMT 100 mg/lit
6	Total Dissolved Solids	mg/lit.	12594	APHA	--
7	Total Hardness (as CaCO ₃)	Mg/lit.	1920	APHA	--
8	Total Alkalinity (as CaCO ₃)	mg/lit.	118	APHA	--
9	Phenolphthalein Alkalinity	mg/lit.	BDL	APHA	--
10	Calcium (as Ca)	mg/lit.	336	APHA	--
11	Magnesium (as Mg)	mg/lit.	262	APHA	--
12	Chemical Oxygen Demand	mg/lit.	41	APHA	NMT 250 mg/lit
13	Bio Chemical Oxygen Demand	mg/lit.	11	APHA	NMT 30 mg/lit
14	Dissolved Oxygen	mg/lit.	6.1	APHA	--
15	Total Kjeldahl Nitrogen	mg/lit.	BDL	APHA	NMT 100 mg/lit
16	Total Fixed Solids	mg/lit.	9796	APHA	--
17	Chloride (as Cl ⁻)	mg/lit.	5592	APHA	--
18	Sulphate (as SO ₄)	mg/lit.	960	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.	1.0	APHA	NMT 5.0 mg/lit
23	Sodium (as Na)	mg/lit.	1520	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.	6.3	APHA	0.3 mg/lit.

Contd./-

Recognitions

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Contact

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e-mail: vapi@precitechlab.com



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(Formerly Known as Precitech Laboratories)

TEST CERTIFICATE

Our Ref. No.	PLWS/20130910020	Issue Date	October 16, 2013		
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	10/09/2013	Sample Receipt Date	10/09/2013		
Analysis Start Date	11/09/2013	Analysis Completion Date	15/10/2013		
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.	18.0	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	>1800	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.	PLAWS/20130910019	Issue Date	October 16, 2013		
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	10/09/2013	Sample Receipt Date	10/09/2013		
Analysis Start Date	11/09/2013	Analysis Completion Date	15/10/2013		
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	945	APHA	--
2	Temperature	°C	27	APHA	--
3	Turbidity	NTU	17.2	APHA	--
4	pH	--	7.92	APHA	5.5-9.0
5	Total Suspended Solids	mg/lit.	58	APHA	NMT 100 mg/lit
6	Total Dissolved Solids	mg/lit.	1954	APHA	--
7	Total Hardness (as CaCO ₃)	mg/lit.	168	APHA	--
8	Total Alkalinity (as CaCO ₃)	mg/lit.	124	APHA	--
9	Phenolphthalein Alkalinity	mg/lit.	28	APHA	--
10	Calcium (as Ca)	mg/lit.	120	APHA	--
11	Magnesium (as Mg)	mg/lit.	112	APHA	--
12	Chemical Oxygen Demand	mg/lit.	85	APHA	NMT 250 mg/lit
13	Bio Chemical Oxygen Demand	mg/lit.	16	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.	945	APHA	--
17	Chloride (as Cl)	mg/lit.	1595	APHA	--
18	Sulphate (as SO ₄)	mg/lit.	78	APHA	--
19	Fluoride (as F)	mg/lit.	2.1	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.	0.68	APHA	NMT 5.0 mg/lit
23	Sodium (as Na)	mg/lit.	4.3	APHA	--
24	Ammonia (as NH ₃)	mg/lit.	3.29	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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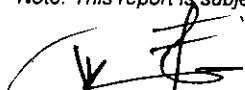
tech

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TEST CERTIFICATE

Our Ref. No.	PLWS/20130910019	Issue Date	October 16, 2013		
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	10/09/2013	Sample Receipt Date	10/09/2013		
Analysis Start Date	11/09/2013	Analysis Completion Date	15/10/2013		
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.	6.7	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	1200	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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e-mail: vapi@precitechlab.com



tech

Precitech Laboratories Pvt. Ltd.
(Formerly Known as Precitech Laboratories)

TEST CERTIFICATE

Our Ref. No.	PLWS/20130910018	Issue Date	October 16, 2013		
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	10/09/2013	Sample Receipt Date	10/09/2013		
Analysis Start Date	11/09/2013	Analysis Completion Date	15/10/2013		
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	1010	APHA	--
2	Temperature	°C	27	APHA	--
3	Turbidity	NTU	1.9	APHA	--
4	pH	--	7.52	APHA	5.5-9.0
5	Total Suspended Solids	mg/lit.	60	APHA	NMT 100 mg/lit
6	Total Dissolved Solids	mg/lit.	646	APHA	--
7	Total Hardness (as CaCO ₃)	mg/lit.	188	APHA	--
8	Total Alkalinity (as CaCO ₃)	mg/lit.	127	APHA	--
9	Phenolphthalein Alkalinity	mg/lit.	BDL	APHA	--
10	Calcium (as Ca)	mg/lit.	62	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.	6.3	APHA	--
15	Total Kjeldahl Nitrogen	mg/lit.	BDL	APHA	NMT 100 mg/lit
16	Total Fixed Solids	mg/lit.	424	APHA	--
17	Chloride (as Cl ⁻)	mg/lit.	181	APHA	--
18	Sulphate (as SO ₄)	mg/lit.	40	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.	0.2	APHA	NMT 5.0 mg/lit
23	Sodium (as Na)	mg/lit.	9.4	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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Precitech Laboratories Pvt. Ltd.
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TEST CERTIFICATE

Our Ref. No.	PLAWS/20130910018	Issue Date	October 16, 2013		
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	10/09/2013	Sample Receipt Date	10/09/2013		
Analysis Start Date	11/09/2013	Analysis Completion Date	15/10/2013		
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.	9.5	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	>1800	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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Precitech Laboratories Pvt. Ltd.
(Formerly Known as Precitech Laboratories)

TEST CERTIFICATE

Our Ref. No.	PLWS/20130910017	Issue Date	October 16,2012		
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	10/09/2013	Sample Receipt Date	10/09/2013		
Analysis Start Date	11/09/2013	Analysis Completion Date	15/10/2013		
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	882	APHA	--
2	Temperature	°C	27	APHA	--
3	Turbidity	NTU	12.6	APHA	--
4	pH	--	7.90	APHA	5.5-9.0
5	Total Suspended Solids	mg/lit.	98	APHA	NMT 100 mg/lit
6	Total Dissolved Solids	mg/lit.	568	APHA	--
7	Total Hardness (as CaCO ₃)	mg/lit.	132	APHA	--
8	Total Alkalinity (as CaCO ₃)	mg/lit.	79	APHA	--
9	Phenolphthalein Alkalinity	mg/lit.	BDL	APHA	--
10	Calcium (as Ca)	mg/lit.	48	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.	5.8	APHA	--
15	Total Kjeldahl Nitrogen	mg/lit.	BDL	APHA	NMT 100 mg/lit
16	Total Fixed Solids	mg/lit.	386	APHA	--
17	Chloride (as Cl)	mg/lit.	157	APHA	--
18	Sulphate (as SO ₄)	mg/lit.	78	APHA	--
19	Fluoride (as F)	mg/lit.	0.4	APHA	NMT 2.0 mg/lit
20	Nitrate (as NO ₃)	mg/lit.	0.2	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.	0.4	APHA	NMT 5.0 mg/lit
23	Sodium (as Na)	mg/lit.	2.12	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.	3.9	APHA	0.3 mg/lit.

Contd./-

Recognitions

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Contact

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TEST CERTIFICATE

Our Ref. No.	PLAWS/20130910017	Issue Date	October 16,2012		
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	10/09/2013	Sample Receipt Date	10/09/2013		
Analysis Start Date	11/09/2013	Analysis Completion Date	15/10/2013		
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.	9.24	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	110	IS	0/100 ml
	Fecal Coliform	cfu/100ml	06	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/20130910016	Issue Date	October 16, 2013		
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	10/09/2013	Sample Receipt Date	10/09/2013		
Analysis Start Date	11/09/2013	Analysis Completion Date	15/10/2013		
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	446	APHA	--
2	Temperature	°C	27	APHA	--
3	Turbidity	NTU	2.7	APHA	--
4	pH	--	8.19	APHA	5.5-9.0
5	Total Suspended Solids	mg/lit.	51	APHA	NMT 100 mg/lit
6	Total Dissolved Solids	mg/lit.	298	APHA	--
7	Total Hardness (as CaCO ₃)	mg/lit.	80	APHA	--
8	Total Alkalinity (as CaCO ₃)	mg/lit.	70	APHA	--
9	Phenolphthalein Alkalinity	mg/lit.	BDL	APHA	--
10	Calcium (as Ca)	mg/lit.	30	APHA	--
11	Magnesium (as Mg)	mg/lit.	1	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.	6.4	APHA	--
15	Total Kjeldahl Nitrogen	mg/lit.	BDL	APHA	NMT 100 mg/lit
16	Total Fixed Solids	mg/lit.	198	APHA	--
17	Chloride (as Cl)	mg/lit.	40	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.	2.12	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.	0.32	APHA	0.3 mg/lit.

Contd./-

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TEST CERTIFICATE

Our Ref. No.	PLWS/20130910016	Issue Date	October 16, 2013
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	10/09/2013	Sample Receipt Date	10/09/2013
Analysis Start Date	11/09/2013	Analysis Completion Date	15/10/2013

Part B: SAMPLING DETAILS

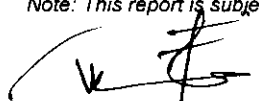
Sample Collection	Collected by Us.
Sampling Procedure	--
Sampling Location	Down Stream Vapi Weir.
Any Other Information	--

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.	1.34	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	50	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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Contact

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TEST CERTIFICATE

Our Ref. No.	PL/WS/20130910015	Issue Date	October 16,2013		
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	10/09/2013	Sample Receipt Date	10/09/2013		
Analysis Start Date	11/09/2013	Analysis Completion Date	15/10/2013		
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	347	APHA	--
2	Temperature	°C	27	APHA	--
3	Turbidity	NTU	4.0	APHA	--
4	pH	--	8.17	APHA	5.5-9.0
5	Total Suspended Solids	mg/lit.	45	APHA	NMT 100 mg/lit
6	Total Dissolved Solids	mg/lit.	220	APHA	--
7	Total Hardness (as CaCO ₃)	mg/lit.	76	APHA	--
8	Total Alkalinity (as CaCO ₃)	mg/lit.	96	APHA	--
9	Phenolphthalein Alkalinity	mg/lit.	BDL	APHA	--
10	Calcium (as Ca)	mg/lit.	40	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.	6.8	APHA	--
15	Total Kjeldahl Nitrogen	mg/lit.	BDL	APHA	NMT 100 mg/lit
16	Total Fixed Solids	mg/lit.	84	APHA	--
17	Chloride (as Cl ⁻)	mg/lit.	16	APHA	--
18	Sulphate (as SO ₄)	mg/lit.	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.	2.12	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.	0.3	APHA	0.3 mg/lit.

Contd../-

Recognitions

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Contact

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TEST CERTIFICATE

Our Ref. No.	PLWS/20130910015	Issue Date	October 16,2013		
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	10/09/2013	Sample Receipt Date	10/09/2013		
Analysis Start Date	11/09/2013	Analysis Completion Date	15/10/2013		
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.	1.03	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	900	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.	PLAWS/20130910014	Issue Date	October 16,2013		
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	10/09/2013	Sample Receipt Date	10/09/2013		
Analysis Start Date	11/09/2013	Analysis Completion Date	15/10/2013		
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	255	APHA	--
2	Temperature	°C	27	APHA	--
3	Turbidity	NTU	5.8	APHA	--
4	pH	--	7.97	APHA	5.5-9.0
5	Total Suspended Solids	mg/lit.	45	APHA	NMT 100 mg/lit
6	Total Dissolved Solids	mg/lit.	160	APHA	--
7	Total Hardness (as CaCO ₃)	mg/lit.	36	APHA	--
8	Total Alkalinity (as CaCO ₃)	mg/lit.	66	APHA	--
9	Phenolphthalein Alkalinity	mg/lit.	BDL	APHA	--
10	Calcium (as Ca)	mg/lit.	9	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.	6.9	APHA	--
15	Total Kjeldahl Nitrogen	mg/lit.	BDL	APHA	NMT 100 mg/lit
16	Total Fixed Solids	mg/lit.	80	APHA	--
17	Chloride (as Cl)	mg/lit.	12	APHA	--
18	Sulphate (as SO ₄)	mg/lit.	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.	2.12	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.	0.26	APHA	0.3 mg/lit.

Contd../-

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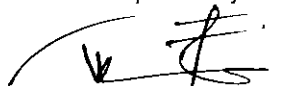


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TEST CERTIFICATE

Our Ref. No.	PLAWS/20130910014	Issue Date	October 16,2013		
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	10/09/2013	Sample Receipt Date	10/09/2013		
Analysis Start Date	11/09/2013	Analysis Completion Date	15/10/2013		
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.	0.93	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	140	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.

Recognitions

Recognised Env. Lab under EPA-1986 by Ministry of Environment & Forests
Recognized Environmental Auditors with Gujarat Pollution Control Board (GPCB)
An ISO 9001:2008 Certified Laboratory

Contact

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tech

Precitech Laboratories Pvt. Ltd.
(Formerly Known as Precitech Laboratories)

TEST CERTIFICATE

Our Ref. No.	PLAWS/20130910013	Issue Date	October 16, 2013		
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	10/09/2013	Sample Receipt Date	10/09/2013		
Analysis Start Date	11/09/2013	Analysis Completion Date	15/10/2013		
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	345	APHA	--
2	Temperature	°C	27	APHA	--
3	Turbidity	NTU	5.4	APHA	--
4	pH	--	8.25	APHA	5.5-9.0
5	Total Suspended Solids	mg/lit.	55	APHA	NMT 100 mg/lit
6	Total Dissolved Solids	mg/lit.	218	APHA	--
7	Total Hardness (as CaCO ₃)	mg/lit.	116	APHA	--
8	Total Alkalinity (as CaCO ₃)	mg/lit.	44	APHA	--
9	Phenolphthalein Alkalinity	mg/lit.	BDL	APHA	--
10	Calcium (as Ca)	mg/lit.	36	APHA	--
11	Magnesium (as Mg)	mg/lit.	5	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.	6.7	APHA	--
15	Total Kjeldahl Nitrogen	mg/lit.	BDL	APHA	NMT 100 mg/lit
16	Total Fixed Solids	mg/lit.	54	APHA	--
17	Chloride (as Cl)	mg/lit.	20	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.	0.2	APHA	NMT 5.0 mg/lit
23	Sodium (as Na)	mg/lit.	2.12	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.	1.59	APHA	0.3 mg/lit.

Contd../-

Recognitions

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An ISO 9001:2008 Certified Laboratory

Contact

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tech

Precitech Laboratories Pvt. Ltd.
(Formerly Known as Precitech Laboratories)

TEST CERTIFICATE

Our Ref. No.	PLWS/20130910013	Issue Date	October 16, 2013		
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	10/09/2013	Sample Receipt Date	10/09/2013		
Analysis Start Date	11/09/2013	Analysis Completion Date	15/10/2013		
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.	1.63	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	>1800	IS	0/100 ml
	Fecal Coliform	cfu/100ml	06	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.

Recognitions

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Precitech Laboratories Pvt. Ltd.
(Formerly Known as Precitech Laboratories)

TEST CERTIFICATE

Our Ref. No.	PL/WS/20130910012	Issue Date	October 16,2012		
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	10/09/2013	Sample Receipt Date	10/09/2013		
Analysis Start Date	11/09/2013	Analysis Completion Date	15/10/2013		
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	215	APHA	--
2	Temperature	°C	27	APHA	--
3	Turbidity	NTU	3.4	APHA	--
4	pH	--	7.91	APHA	5.5-9.0
5	Total Suspended Solids	mg/lit.	62	APHA	NMT 100 mg/lit
6	Total Dissolved Solids	mg/lit.	300	APHA	--
7	Total Hardness (as CaCO ₃)	mg/lit.	80	APHA	--
8	Total Alkalinity (as CaCO ₃)	mg/lit.	66	APHA	--
9	Phenolphthalein Alkalinity	mg/lit.	BDL	APHA	--
10	Calcium (as Ca)	mg/lit.	40	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.	6.0	APHA	--
15	Total Kjeldahl Nitrogen	mg/lit.	BDL	APHA	NMT 100 mg/lit
16	Total Fixed Solids	mg/lit.	136	APHA	--
17	Chloride (as Cl)	mg/lit.	24	APHA	--
18	Sulphate (as SO ₄)	mg/lit.	11	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.	2.05	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.	2.26	APHA	0.3 mg/lit.

Contd../-

Recognitions

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An ISO 9001:2008 Certified Laboratory

Contact

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e-mail: vapi@precitechlab.com



Precitech Laboratories Pvt. Ltd.
(Formerly Known as Precitech Laboratories)

TEST CERTIFICATE

Our Ref. No.	PLWS/20130910012	Issue Date	October 16,2012		
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	10/09/2013	Sample Receipt Date	10/09/2013		
Analysis Start Date	11/09/2013	Analysis Completion Date	15/10/2013		
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.	1.35	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	>1800	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.

Recognitions

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Recognized Environmental Auditors with Gujarat Pollution Control Board (GPCB)
An ISO 9001:2008 Certified Laboratory

Contact

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MoEF (Govt. of India) Recognized
Environmental Laboratory under the Environment
(Protection) Act-1986(22.7.2009 to 21 / 2014)



NABL (ISO/IEC 17025)
Accredited Laboratory.
Certificate Nos: Chemica. Testing: I-2239
Biological Testing: T-2240 (07.06.2012 to 06.06.2014)



OHSAS: 18001:2007
Registered
M4340909ID

TEST REPORT

Report No.	UERL /13/08/113	Date Of Report	10/09/2013
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	30/08/2013	Sample Received Date	31/08/2013
Sampled By	P.C.C. Hand Over to Us.	Appearance Of Sample	Colourless
Test Started Date	31/08/2013	Test Completion Date	07/09/2013
UERL Lab Sample ID.No. 13/08/113			

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	29
4.	*Dissolve Oxygen	IS 3025(Part 38)1989, (APHA 22 nd Ed.,2012,4500-O,B),	--	mg/L	6.6
5.	pH at 25 °C	IS 3025(Part 11)1983, (APHA 22 nd Ed.,2012,4500-H ¹ B)	6.5 - 8.5	Unit	7.43
6.	*Conductivity	IS 3025(Part 14)1984	--	µs	197.7
7.	*BOD (3 days at 27 °C)	IS 3025(Part 44)1993Amd.01	--	mg/L	BDL(<5.0)
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	0.038
10.	*Arsenic	APHA 22 nd Ed.,2012,3114-C	0.01	mg/L	BDL(<0.1)
11.	*Cadmium	IS 3025(Part 41)1992, (APHA 22 nd Ed.,2012,3111-B)	0.003	mg/L	BDL(<0.1)
12.	*Copper	IS 3025(Part 42)1992amd.01, (APHA 22 nd Ed.,2012,3111-B)	0.05	mg/L	BDL(<0.1)
13.	*Lead	IS 3025(Part 47)1994Amd.02, (APHA 22 nd Ed.,2012,3111-B)	0.01	mg/L	BDL(<0.1)
14.	*Chromium	IS 3025(Part 52)2003, (APHA 22 nd Ed.,2012,3111-B)	0.05	mg/L	BDL(<0.5)
15.	*Nickel	IS 3025(Part 54)2003, (APHA 22 nd Ed.,2012,3111-B)	0.02	mg/L	0.16
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	BDL(<0.1)
18.	Iron	IS 3025(Part 53)2003, (APHA 22 nd Ed.,2012,3111-B)	0.3	mg/L	0.50
19.	*Cyanide	IS 3025(Part27)1986	0.05	mg/L	BDL
20.	Turbidity	IS 3025(Part 10)1984	1	NTU	1



MoEF (Govt. of India) Recognized
Environmental Laboratory under the Environment
(Protection) Act-1986 (22.7.2009 to 21.7.2014)



NABL (ISO/IEC-17025)
Accredited Laboratory.
Certificate Nos.: Chemical Testing: T-7239
Biological Testing: T-2240 (07.06.2012 to 06.06.2014)



OHSAS: 18001:2007
Registered
M434090913

TEST REPORT

Report No.	UERL /13/08/113	Date Of Report	10/09/2013
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	30/08/2013	Sample Received Date	31/08/2013
Sampled By	P.C.C. Hand Over to Us.	Appearance Of Sample	Colourless
Test Started Date	31/08/2013	Test Completion Date	07/09/2013
UERL Lab Sample ID.No. 13/08/113			

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(<5.0)
22.	*Bicarbonate as CaCO ₃	IS 3025(Part 51)2001	--	mg/L	91
23.	Chloride	IS 3025(Part 32)1988 (APHA 22 nd Ed.,2012,4500-Cl)	250	mg/L	10
24.	*COD	IS 3025(Part 58)2006, (APHA 22 nd Ed.,2012,5220-B),	--	mg/L	BDL(<5.0)
25.	*TKN	APHA 22 nd Ed.,2012,4500 NH ₃ - B	--	mg/L	BDL(<5.0)
26.	Ammonia as N	IS 3025(Part 34)1988, (APHA 22 nd Ed.,2012,4500 NH ₃ -B&C),	0.5	mg/L	BDL(<0.2)
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	14
29.	Magnesium	APHA 22 nd Ed.,2012,3500 Mg.B	30	mg/L	7
30.	Sulphate	IS 3025(Part 24)1986	200	mg/L	7
31.	Sodium	APHA 22 nd Ed.,2012,3500 Na,B	---	mg/L	3.8
32.	TDS (Total Dissolve Solids)	(APHA 22 nd Ed.,2012,2540- C), IS 3025(Part 16)1984	500	mg/L	72
33.	*TFS (Total Fixed Solids)	IS 3025(Part 18)1984,Amd.1 (APHA 22 nd Ed.,2012,2540 -E),	--	mg/L	60
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	0.16
36.	*Ortho phosphate	(APHA 22 nd Ed.,2012,4500-P,D)	--	mg/L	BDL
37.	*Boron	--	0.5	mg/L	0.4
38.	*Potassium	APHA 22 nd Ed.,2012,3500 K,B	--	mg/L	2.8
39.	Fluoride	(APHA 22 nd Ed.,2012,4500 F,D)	1.0	mg/L	BDL(<0.15)
40.	* % Na	By Calculation	--	%	BDL(<10)
41.	*SAR	By Calculation	--	mg/L	1.17
42.	Total Alkalinity	IS 3025(Part 23)1986, Amd.2	200	mg/L	75
43.	P - Alkalinity	IS 3025(Part 23)1986, Amd.2	--	mg/L	BDL





MoEF (Govt. of India) Recognized
Environmental Laboratory under the Environment
(Protection) Act-1986 (22/7/2009 to 21/7/2014)



NABL (ISO/IEC 17025)
Accredited Laboratory.
Certificate Nos.: Chemical Testing: T-2239
Biological Testing: T-2240 (07.06.2012 to 06.06.2014)



OHSA: 18001:2007 REGISTERED
IAS-002
OHSA: 18001:2007
Registered
M4340909D

TEST REPORT

Report No.	UERL /13/08/113	Date Of Report	10/09/2013
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	30/08/2013	Sample Received Date	31/08/2013
Sampled By	P.C.C. Hand Over to Us.	Appearance Of Sample	Colourless
Test Started Date	31/08/2013	Test Completion Date	07/09/2013
UERL Lab Sample ID.No. 13/08/113			

TEST RESULTS

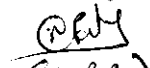
Sr. No.	Parameters	Test Method	Limit as per IS:10500:2012	Unit Of Measurement	Results
* Pesticides:					
44.	Alpha BHC	US EPA 508-1995	Absent	ppb	Absent
45.	Beta BHC	US EPA 508-1995	Absent	ppb	Absent
46.	Gama BHC	US EPA 508-1995	Absent	ppb	Absent
47.	OP DDT	US EPA 508-1995	1	ppb	Absent
48.	PP DDT	US 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: "The tests marked with an *are not accredited by NABL."

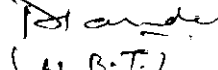
BDL = Below Detection Limit, Colour = 5(80) = 80 Hazen Unit, Turbidity = 1=14.6 NTU,

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

Tested By


(N.P.P.)
(Chemist)

Checked By


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

Authorized By


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

Page 3 of 3



MoEF (Govt. of India) Recognized
Environmental Laboratory under the Environment
(Protection) Act-1986 (22.7.2009 to 21.7.2014)



NABL (ISO/IEC:17025)
Accredited Laboratory
Certificate Nos.: Chemical Testing: T-2239
Biological Testing: T-2240 (07/06/2012 to 06/06/2014)

OHSAS 18001:2007 REGISTERED



OHSAS:18001:2007
Registered
M:434090910

TEST REPORT
(Microbiology)

Report No.	UERL/13/08/113	Date Of Report	10/09/2013
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	30/08/2013	Sample Received Date	31/08/2013
Sampled By	P.C.C. Hand Over to Us.	Appearance Of Sample	Colourless
Test Started Date	02/09/2013	Test Completion Date	04/09/2013
UERL Lab Sample ID.No.: 13/08/113			

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	86
2	Faecal Coliform	APHA 22 nd Ed.2012,9222-D	Absent	CFU/100 ml	68

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

Opinions and Interpretations: (if required)

--

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

Tested By

S.A. Rana
(Sneha A. Rana)
Jr. Microbiologist

Authorized By

Rahjan Maharaj
(Rahjan Maharaj)
Sr. Microbiologist


 MoEF (Govt. of India) Recognized
 Environmental Laboratory under the Environment
 (Protection) Act-1986 (22.7.2009 to 21.7.2014)

 NABL (ISO/IEC-17025)
 Accredited Laboratory
 Certificate Nos.: Chemical Testing: T-2239
 Biological Testing: I-2240 (07.06.2012 to 06.06.2014)

 OHSAS-18001:2007
 Registered
 M4340909ID

TEST REPORT

Report No.	UERL /13/07/083	Date Of Report	31/07/2013
Name & Address of Customer	M/s. Pollution Control Committee. U.T. of IDD and DNH. Daman.	Station Code No.	
		A₃	
Sample Details	River Water	Sample Qty.	5 Lit.
Sampling Date	24/07/2013	Sample Received Date	24/07/2013
Sampled By	P.C.C. Hand Over to Us.	Appearance Of Sample	Light yellow
Test Started Date	24/07/2013	Test Completion Date	30/07/2013

 UERL Lab Sample ID.No. **13/07/083**
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(200)
2.	Odour	IS 3025(Part 5)1983	Unobjectionable	--	Unobjectionable
3.	*Temperature	IS 3025(Part 9)1984	--	^o C	29
4.	*Dissolve Oxygen	IS 3025(Part 38)1989. (APHA 22 nd Ed.,2012.4500-O.B).	--	mg/L	7.1
5.	pH at 25 ^o C	IS 3025(Part 11)1983. (APHA 22 nd Ed.,2012.4500-11'B)	6.5 - 8.5	Unit	7.80
6.	*Conductivity	IS 3025(Part 14)1984	--	μS	179.1
7.	*BOD (3 days at 27 ^o C)	IS 3025(Part 44)1993Amd.01	--	mg/l.	BDL(<0.05)
8.	Nitrate as N	(APHA 22 nd Ed.,2012.4500 NO ₃ -B)	45	mg/L.	BDL(<0.01)
9.	Nitrite- N	APHA 22 nd Ed.,2012.4500NO ₂ B	--	mg/L	0.170
10.	*Arsenic	APHA 22 nd Ed.,2012.3114-C	0.01	mg/L	BDL(<0.01)
11.	*Cadmium	IS 3025(Part 41)1992. (APHA 22 nd Ed.,2012.3111-B)	0.003	mg/L	BDL(<0.1)
12.	*Copper	IS 3025(Part 42)1992amd.01. (APHA 22 nd Ed.,2012.3111-B)	0.05	mg/L	BDL(<0.02)
13.	*Lead	IS 3025(Part 47)1994Amd.02. (APHA 22 nd Ed.,2012.3111-B)	0.01	mg/L.	BDL(<1.0)
14.	*Chromium	IS 3025(Part 52)2003. (APHA 22 nd Ed.,2012.3111-B)	0.05	mg/L	0.51
15.	*Nickel	IS 3025(Part 54)2003. (APHA 22 nd Ed.,2012.3111-B)	0.02	mg/L	BDL(<0.1)
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.	BDL(<0.1)
18.	Iron	IS 3025(Part 53)2003. (APHA 22 nd Ed.,2012.3111-B)	0.3	mg/L.	2.26
19.	*Cyanide	IS 3025(Part 27)1986	0.05	mg/L	BDL.
20.	Turbidity	IS 3025(Part 10)1984	1	NTU	10


 MoEF (Govt of India) Recognized
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 (Protection) Act-1986 (22.7.2009 to 21.7.2014)

 NABL (ISO/IEC-17025)
 Accredited Laboratory
 Certificate Nos: Chemical Testing: T 2239
 Biological Testing: T 2240 (07.06.2012 to 06.06.2014)

 OHSAAS 18001:2007 REGISTERED
 OHSAAS 18001:2007
 Registered
 M43409091D

TEST REPORT

Report No.	UERL /13/07/083	Date Of Report	31/07/2013
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	24/07/2013	Sample Received Date	24/07/2013
Sampled By	P.C.C. Hand Over to Us.	Appearance Of Sample	Light yellow
Test Started Date	24/07/2013	Test Completion Date	30/07/2013
UERL Lab Sample ID.No. 13/07/083			

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(<5.0)
22.	*Bicarbonate as CaCO ₃	IS 3025(Part 51)2001	--	mg/L	80
23.	Chloride	IS 3025(Part 32)1988 (APHA 22 nd Ed.,2012,4500-Cl)	250	mg/L	9
24.	*COD	IS 3025(Part 58)2006, (APHA 22 nd Ed.,2012,5220-B),	--	mg/L	12
25.	*TKN	APHA 22 nd Ed.,2012,4500 NH ₃ - B	--	mg/L	BDL(<5.0)
26.	Ammonia as N	IS 3025(Part 34)1988, (APHA 22 nd Ed.,2012,4500 NH ₃ -B&C),	0.5	mg/L	BDL(<5.0)
27.	Hardness	IS 3025(Part 21)2009,Amd.1	200	mg/L	55
28.	Calcium	APHA 22 nd Ed.,2012,3500 Ca.B)	75	mg/L	15
29.	Magnesium	APHA 22 nd Ed.,2012,3500 Mg.B	30	mg/L	BDL(<5.0)
30.	Sulphate	IS 3025(Part 24)1986	200	mg/L	24
31.	Sodium	APHA 22 nd Ed.,2012,3500 Na.B	--	mg/L	13.6
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	240
34.	*TSS (Total Suspended Solids)	IS 3025(Part 17)1984,Amd.1 (APHA 22 nd Ed.,2012,2540 -D),	--	mg/L	212
35.	*Phosphate	(APHA 22 nd Ed.,2012,4500-P.D)	--	mg/L	0.5
36.	*Ortho phosphate	(APHA 22 nd Ed.,2012,4500-P.D)	--	mg/L	BDL
37.	*Boron	--	0.5	mg/L	0.9
38.	*Potassium	APHA 22 nd Ed.,2012,3500 K.B	--	mg/L	7.4
39.	Fluoride	(APHA 22 nd Ed.,2012,4500 F.D)	1.0	mg/L	BDL(<0.15)
40.	* % Na	By Calculation	--	%	BDL(<10)
41.	*SAR	By Calculation	--	mg/L	4.42
42.	Total Alkalinity	IS 3025(Part 23)1986, Amd.2	200	mg/L	66
43.	P - Alkalinity	IS 3025(Part 23)1986, Amd.2	--	mg/L	BDL




 MoEF (Govt. of India) Recognized
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 (Protection) Act-1986 (22.7.2009 to 21.7.2014)

 NABL (ISO/IEC 17025)
 Accredited Laboratory.
 Certificate Nos: Chemical Testing: T 2239
 Biological Testing: I-2240 (07/06/2012 to 06/06/2014)

 OHSAS 18001:2007 REGISTERED
 OHSAS: 18001:2007
 Registered
 M434090912

TEST REPORT

Report No.	UERL /13/07/083	Date Of Report	31/07/2013
Name & Address of Customer	M/s. Pollution Control Committee, U.T. of DD and DNIL. Daman.	Station Code No.	
		A₃	
Sample Details	River water	Sample Qty.	5 Lit.
Sampling Date	24/07/2013	Sample Received Date	24/07/2013
Sampled By	P.C.C. Hand Over to Us.	Appearance Of Sample	Light yellow
Test Started Date	24/07/2013	Test Completion Date	30/07/2013
UERL Lab Sample ID.No. 13/07/083			

TEST RESULTS

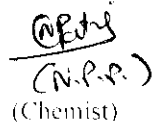
Sr. No.	Parameters	Test Method	Limit as per IS:10500:2012	Unit Of Measurement	Results
* Pesticides:					
44.	Alpha BHC	US EPA 508-1995	Absent	ppb	Absent
45.	Beta BHC	US EPA 508-1995	Absent	ppb	Absent
46.	Gamma BHC	US EPA 508-1995	Absent	ppb	Absent
47.	OP DDT	US EPA 508-1995	Absent	ppb	Absent
48.	PP DDT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

Note: "The tests marked with an *are not accredited by NABL."

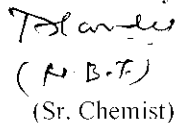
BDL = Below Detection Limit. Colour = 10(200) = 200 Hazen Unit, Turbidity = 10=172 NTU.

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

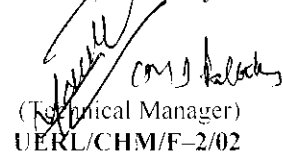
Tested By


 (N.P.P.)
 (Chemist)

Checked By


 (N.B.F.)
 (Sr. Chemist)

Authorized By


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



MoEF (Govt. of India) Recognized
Environmental Laboratory under the Environment
(Protection) Act-1986 (22.7.2009 to 21.7.2014)



NABL (ISO/IEC-17025)
Accredited Laboratory
Certificate Nos.: Chemical Testing: T-2239
Biological Testing: T-2240 (07.06.2012 to 06.06.2014)



OHSA: 18001:2007
Registered
M4340909D

TEST REPORT
(Microbiology)

Report No.	UERL/13/07/083	Date Of Report	31/07/2013
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	24/07/2013	Sample Received Date	24/07/2013
Sampled By	P.C.C. Hand Over to Us.	Appearance Of Sample	L. Yellow brown
Test Started Date	25/07/2013	Test Completion Date	27/07/2013
UERL Lab Sample ID.No.: 13/07/083			

TEST RESULTS:

Sr. No.	Parameters	Test Method	Limit as per IS:10500-2012	Unit Of Measurement	Results
1	Total Coliform	APHA 21 st Ed.2005,9222-B	Absent	CFU/100 ml	4.6 x 10 ⁴
2	Faecal Coliform	APHA Ed.2005,9222-D	Absent	CFU/100 ml	1.2 x 10 ⁴

Note: Test carried out by applying dilution factor of 10³.

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

Opinions and Interpretations: (if required)

--

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

Note:

- The results listed refer only to the tested sample and applicable parameters at the time of testing.
- The Test Report shall not be reproduced, except in full, unless written permission of Technical Director, Unistar Environment and Research Labs Pvt. Ltd., Vapi
- This analysis, opinions, or interpretations contained in the report are based upon material and information supplied by customer
- Perishable samples will not be retained once the Test Report has been issued.

Tested By

S.A. Rana
(Sneha A. Rana)
Jr. Microbiologist

Authorized By

R. Maharaj
(Ranjan Maharaj)
Sr. Microbiologist



MoEF (Govt. of India) Recognized
Environmental Laboratory under the Environment
(Protection) Act-1986 (22/7/2009 to 21/7/2014)



Gujarat Pollution Control Board
(Govt. of Gujarat) Recognized
Environmental Auditor (Schedule II)



OHSAS: 18001:2007
Registered
M4340909ID

TEST REPORT

Report No.	UERL /Chem/13/06/097	Date Of Report	04/07/2013
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	26/06/2013	Sample Received Date	26/06/2013
Sampled By	P.C.C. Hand Over to Us.	Appearance Of Sample	Colourless
Test Started Date	26/06/2013	Test Completion Date	03/07/2013
UERL Lab Sample ID.No. Chem/13/06/097			

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	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	7.81
6.	Conductivity	IS 3025(Part 14)1984	--	µs	207.6
7.	BOD (3 days at 27 °C)	IS 3025(Part 44)1993Amd.01	--	mg/L	BDL(<0.05)
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	0.054
10.	Arsenic	APHA 22 nd Ed.,2012,3114-C	0.01	mg/L	BDL(<0.01)
11.	Cadmium	IS 3025(Part 41)1992, (APHA 22 nd Ed.,2012,3111-B)	0.003	mg/L	BDL(<0.1)
12.	Copper	IS 3025(Part 42)1992amd.01, (APHA 22 nd Ed.,2012,3111-B)	0.05	mg/L	BDL(<0.02)
13.	Lead	IS 3025(Part 47)1994Amd.02, (APHA 22 nd Ed.,2012,3111-B)	0.01	mg/L	BDL(<1.0)
14.	Chromium	IS 3025(Part 52)2003, (APHA 22 nd Ed.,2012,3111-B)	0.05	mg/L	0.31
15.	Nickel	IS 3025(Part 54)2003, (APHA 22 nd Ed.,2012,3111-B)	0.02	mg/L	0.06
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	BDL(<0.1)
18.	Iron	IS 3025(Part 53)2003, (APHA 22 nd Ed.,2012,3111-B)	0.3	mg/L	BDL(<0.1)
19.	*Cyanide	IS 3025(Part27)1986	0.05	mg/L	BDL
20.	Turbidity	IS 3025(Part 10)1984	1	NTU	0.1



MoEF (Govt. of India) Recognized
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Gujarat Pollution Control Board
(Govt. of Gujarat) Recognized
Environmental Auditor (Schedule-II)



OHSAS: 18001: 2007
Registered
N:4340909D

TEST REPORT

Report No.	UERL /Chem/13/06/097	Date Of Report	04/07/2013
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	26/06/2013	Sample Received Date	26/06/2013
Sampled By	P.C.C. Hand Over to Us.	Appearance Of Sample	Colourless
Test Started Date	26/06/2013	Test Completion Date	03/07/2013
UERL Lab Sample ID.No. Chem/13/06/097			

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(<5.0)
22.	Bicarbonate as CaCO ₃	IS 3025(Part 51)2001	--	mg/L	210
23.	Chloride	IS 3025(Part 32)1988 (APHA 22 nd Ed.,2012,4500-Cl)	250	mg/L	8
24.	COD	IS 3025(Part 58)2006, (APHA 22 nd Ed.,2012,5220-B),	--	mg/L	8
25.	TKN	APHA 22 nd Ed.,2012,4500 NH ₃ - B	--	mg/L	BDL(<5.0)
26.	Ammonia as N	IS 3025(Part 34)1988, (APHA 22 nd Ed.,2012,4500 NH ₃ -B&C),	0.5	mg/L	BDL(<5.0)
27.	Hardness	IS 3025(Part 21)2009,Amd.1	200	mg/L	68
28.	Calcium	APHA 22 nd Ed.,2012,3500 Ca.B)	75	mg/L	16
29.	Magnesium	APHA 22 nd Ed.,2012,3500 Mg.B	30	mg/L	7
30.	Sulphate	IS 3025(Part 24)1986	200	mg/L	3
31.	Sodium	APHA 22 nd Ed.,2012,3500 Na,B	---	mg/L	8.1
32.	TDS (Total Dissolve Solids)	(APHA 22 nd Ed.,2012,2540- C), IS 3025(Part 16)1984	500	mg/L	176
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	44
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	BDL
37.	*Boron	--	0.5	mg/L	BDL
38.	Potassium	APHA 22 nd Ed.,2012,3500 K,B	--	mg/L	12.2
39.	Fluoride	(APHA 22 nd Ed.,2012,4500 F,D)	1.0	mg/L	BDL(<0.15)
40.	* % Na	By Calculation	--	%	BDL(<10)
41.	*SAR	By Calculation	--	mg/L	2.39
42.	Total Alkalinity	IS 3025(Part 23)1986, Amd.2	200	mg/L	86
43.	P – Alkalinity	IS 3025(Part 23)1986, Amd.2	--	mg/L	BDL





MoEF (Govt. of India) Recognized
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(Protection) Act-1986 (22.7.2009 to 21.7.2014)



Gujarat Pollution Control Board
(Govt. of Gujarat) Recognized
Environmental Auditor (Schedule-II)



OHSAS:18001:2007
Registered
M4340909D

TEST REPORT

Report No.	UERL /Chem/13/06/097	Date Of Report	04/07/2013
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	26/06/2013	Sample Received Date	26/06/2013
Sampled By	P.C.C. Hand Over to Us.	Appearance Of Sample	Colourless
Test Started Date	26/06/2013	Test Completion Date	03/07/2013
UERL Lab Sample ID.No. Chem/13/06/097			

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	Absent	ppb	Absent
48.	PP DDT	US EPA 508-1995	Absent	ppb	Absent
49.	Alpha Endosulphan	US EPA 508-1995	Absent	ppb	Absent
50.	Beta Endosulphan	US EPA 508-1995	Absent	ppb	Absent
51.	Dieldrin	US EPA 508-1995	Absent	ppb	Absent
52.	2-4 D	US EPA 508-1995	Absent	ppb	Absent
53.	Aldrin	US EPA 508-1995	Absent	ppb	Absent
54.	Chloropyriphos.	US EPA 508-1995	Absent	ppb	Absent
55.	Carboryl (Carbamate)	US EPA 508-1995	Absent	ppb	Absent
56.	Methyl Parathin	US EPA 508-1995	Absent	ppb	Absent
57.	Anilophos	US EPA 508-1995	Absent	ppb	Absent
58.	Malathian	US EPA 508-1995	Absent	ppb	Absent

Note: "The tests marked with on *are not accredited by NABL."

BDL = Below Detection Limit, Colour = 1(10) = 10 Hazen Unit, Turbidity = 0.1=5.24 NTU,

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

Tested By

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

Checked By

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

Authorized By

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



MoEF (Govt. of India) Recognized
Environmental Laboratory under the Environment
(Protection) Act-1986 (22/7/2009 to 21.7.2014)



Gujarat Pollution Control Board
(Govt. of Gujarat) Recognized
Environmental Auditor (Schedule II)



ISO 9001:2007
REGISTERED
M4340909ID

TEST REPORT
(Microbiology)

Report No.	MICRO/13/06/097	Date Of Report	04/07/2013
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	26/06/2013	Sample Received Date	26/06/2013
Sampled By	P.C.C. Hand Over to Us.	Appearance Of Sample	Colourless
Test Started Date	26/06/2013	Test Completion Date	28/06/2013
UERL Lab Sample ID.No.: MIC/13/06/097			

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	9

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

Opinions and Interpretations: (if required)

--

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

Note:

- The results listed refer only to the tested sample and applicable parameters at the time of testing.
- The Test Report shall not be reproduced, except in full, unless written permission of Technical Director, Unistar Environment and Research Labs Pvt. Ltd., Vapi
- This analysis, opinions, or interpretations contained in the report are based upon material and information supplied by customer.
- Perishable samples will not be retained once the Test Report has been issued.

Tested By

SARana
(Sneha A. Rana)
Jr. Microbiologist

Authorized By

Ranjan
(Ranjan Maharaj)
Sr. Microbiologist



MoEF (Govt. of India) Recognized
Environmental Laboratory under the Environment
(Protection) Act-1986.(22.7.2009 to 21.7.2014)



Gujarat Pollution Control Board
(Govt. of Gujarat) Recognized
Environmental Auditor (Schedule-II)



OHSAAS 18001:2007 REGISTERED
Registered
M43409091D

TEST REPORT

Report No.	UERL /Chem/13/05/118	Date Of Report	07/06/2013
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	29/05/2013	Sample Received Date	29/05/2013
Sampled By	P.C.C. Hand Over to Us.	Appearance Of Sample	Colourless
Test Started Date	29/05/2013	Test Completion Date	06/06/2013
UERL Lab Sample ID.No. Chem/13/05/118			

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	--	°C	32
4.	Dissolve Oxygen	IS 3025(Part 38)1989, (APHA 22 nd Ed.,2012,4500-O,B),	--	mg/L	6.5
5.	pH at 25 °C	IS 3025(Part 11)1983, (APHA 22 nd Ed.,2012,4500-H ⁺ B)	6.5 - 8.5	Unit	7.79
6.	Conductivity	IS 3025(Part 14)1984	--	µs	227.2
7.	BOD (3 days at 27 °C)	IS 3025(Part 44)1993Amd.01	--	mg/L	BDL(<0.05)
8.	Nitrate as N	(APHA 22 nd Ed.,2012,4500 NO3-B)	45	mg/L	BDL(<0.01)
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	BDL(<0.01)
11.	Cadmium	IS 3025(Part 41)1992, (APHA 22 nd Ed.,2012,3111-B)	0.003	mg/L	BDL(<0.1)
12.	Copper	IS 3025(Part 42)1992amd.01, (APHA 22 nd Ed.,2012,3111-B)	0.05	mg/L	BDL(<0.02)
13.	Lead	IS 3025(Part 47)1994Amd.02, (APHA 22 nd Ed.,2012,3111-B)	0.01	mg/L	BDL(<1.0)
14.	Chromium	IS 3025(Part 52)2003, (APHA 22 nd Ed.,2012,3111-B)	0.05	mg/L	BDL(<0.2)
15.	Nickel	IS 3025(Part 54)2003, (APHA 22 nd Ed.,2012,3111-B)	0.02	mg/L	BDL(<0.05)
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	BDL(<0.1)
18.	Iron	IS 3025(Part 53)2003, (APHA 22 nd Ed.,2012,3111-B)	0.3	mg/L	BDL(<0.1)
19.	*Cyanide	IS 3025(Part 27)1986	0.05	mg/L	BDL
20.	Turbidity	IS 3025(Part 10)1984	1	NTU	0.1





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(Protection) Act-1986 (22.7.2009 to 21.7.2014)



Gujarat Pollution Control Board
(Govt. of Gujarat) Recognized
Environmental Auditor (Schedule II)



OHSA: 18001:2007
Registered
M4340909D

TEST REPORT

Report No.	UERL /Chem/13/05/118	Date Of Report	07/06/2013
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	29/05/2013	Sample Received Date	29/05/2013
Sampled By	P.C.C. Hand Over to Us.	Appearance Of Sample	Colourless
Test Started Date	29/05/2013	Test Completion Date	06/06/2013
UERL Lab Sample ID.No. Chem/13/05/118			

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	11
22.	Bicarbonate as CaCO ₃	IS 3025(Part 51)2001	--	mg/L	113
23.	Chloride	IS 3025(Part 32)1988 (APHA 22 nd Ed.,2012,4500-Cl)	250	mg/L	20
24.	COD	IS 3025(Part 58)2006, (APHA 22 nd Ed.,2012,5220-B),	--	mg/L	BDL(<5.0)
25.	TKN	APHA 22 nd Ed.,2012,4500 NH ₃ - B	--	mg/L	BDL(<5.0)
26.	Ammonia as N	IS 3025(Part 34)1988, (APHA 22 nd Ed.,2012,4500 NH ₃ -B&C),	0.5	mg/L	BDL(<5.0)
27.	Hardness	IS 3025(Part 21)2009,Amd.1	200	mg/L	99
28.	Calcium	APHA 22 nd Ed.,2012,3500 Ca.B)	75	mg/L	16
29.	Magnesium	APHA 22 nd Ed.,2012,3500 Mg.B	30	mg/L	14
30.	Sulphate	IS 3025(Part 24)1986	200	mg/L	4
31.	Sodium	APHA 22 nd Ed.,2012,3500 Na,B	---	mg/L	32.5
32.	TDS (Total Dissolve Solids)	(APHA 22 nd Ed.,2012,2540- C), IS 3025(Part 16)1984	500	mg/L	124
33.	*TFS (Total Fixed Solids)	IS 3025(Part 18)1984,Amd.1 (APHA 22 nd Ed.,2012,2540 -E),	--	mg/L	72
34.	TSS (Total Suspended Solids)	IS 3025(Part 17)1984,Amd.1 (APHA 22 nd Ed.,2012,2540 -D),	--	mg/L	BDL(<5.0)
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	BDL
37.	*Boron	--	0.5	mg/L	BDL
38.	Potassium	APHA 22 nd Ed.,2012,3500 K,B	--	mg/L	7.4
39.	Fluoride	(APHA 22 nd Ed.,2012,4500 F,D)	1.0	mg/L	BDL(<0.15)
40.	* % Na	By Calculation	--	%	BDL(<10)
41.	*SAR	By Calculation	--	mg/L	8.39
42.	Total Alkalinity	IS 3025(Part 23)1986, Amd.2	200	mg/L	102
43.	P – Alkalinity	IS 3025(Part 23)1986, Amd.2	--	mg/L	9




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 Gujarat Pollution Control Board
 (Govt. of Gujarat) Recognized
 Environmental Auditor (Schedule-I)

 ISO 9001:2007 REGISTERED
 OHSAS: 18001:2007
 Registered
 M4340909ID

TEST REPORT

Report No.	UERL /Chem/13/05/118	Date Of Report	07/06/2013
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	29/05/2013	Sample Received Date	29/05/2013
Sampled By	P.C.C. Hand Over to Us.	Appearance Of Sample	Colourless
Test Started Date	29/05/2013	Test Completion Date	06/06/2013
UERL Lab Sample ID.No. Chem/13/05/118			

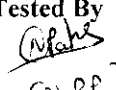
TEST RESULTS

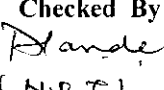
Sr. No.	Parameters	Test Method	Limit as per IS:10500:2012	Unit Of Measurement	Results
* Pesticides:					
44.	Alpha BHC	US EPA 508-1995	Absent	ppb	Absent
45.	Beta BHC	US EPA 508-1995	Absent	ppb	Absent
46.	Gama BHC	US EPA 508-1995	Absent	ppb	Absent
47.	OP DDT	US EPA 508-1995	Absent	ppb	Absent
48.	PP DDT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

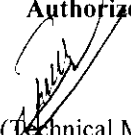
Note: "The tests marked with on *are not accredited by NABL."

BDL = Below Detection Limit, Colour = 1(10) = 10 Hazen Unit, Turbidity = 0.1 = 3.36 NTU.

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

 Tested By

 (N.P.P.)
 (Chemist)

 Checked By

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

 Authorized By

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

Page 3 of 3



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Gujarat Pollution Control Board
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Environmental Auditor (Schedule-2)



OHSAS: 18001:2007
Registered
M4340909ID

TEST REPORT (Microbiology)

Report No.	MICRO/13/05/118	Date Of Report	07/06/2013
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	29/05/2013	Sample Received Date	29/05/2013
Sampled By	P.C.C. Hand Over to Us.	Appearance Of Sample	Colourless
Test Started Date	29/05/2013	Test Completion Date	31/05/2013
UERL Lab Sample ID.No.: MIC/13/05/118			

TEST RESULTS:

Sr. No.	Parameters	Test Method	Limit as per IS:10500-2012	Unit Of Measurement	Results
1	Total Coliform	APHA 21 st Ed.2005,9222-B	Absent	CFU/100 ml	17
2	Faecal Coliform	APHA Ed.2005,9222-D	Absent	CFU/100 ml	6

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

Opinions and Interpretations: (if required)

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

Tested By

S. A. Rana

(Sneha A. Rana)
Microbiologist

Authorized By

Ranjan Maharaj

(Ranjan Maharaj)
Sr. Microbiologist



MoEF (Govt. of India) Recognized
Environmental Laboratory under the Environment
(Protection) Act-1986,(22.7.2009 to 21.7.2014)



Gujarat Pollution Control Board
(Govt. of Gujarat) Recognized
Environmental Auditor (Schedule-II)



OHSAS: 18001: 2007
Registered
M4340909ID

TEST REPORT

Report No.	UERL /Chem/13/05/119	Date Of Report	07/06/2013
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	29/05/2013	Sample Received Date	29/05/2013
Sampled By	P.C.C. Hand Over to Us.	Appearance Of Sample	Slightly yellow
Test Started Date	29/05/2013	Test Completion Date	06/06/2013
UERL Lab Sample ID.No. Chem/13/05/119			

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(100)
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	5.3
5.	pH at 25 °C	IS 3025(Part 11)1983, (APHA 22 nd Ed.,2012,4500-H ⁺ B)	6.5 - 8.5	Unit	7.80
6.	Conductivity	IS 3025(Part 14)1984	--	µs	ADL
7.	BOD (3 days at 27 °C)	IS 3025(Part 44)1993Amd.01	--	mg/L	90
8.	Nitrate as N	(APHA 22 nd Ed.,2012,4500 NO3-B)	45	mg/L	1.1
9.	Nitrite- N	APHA 22 nd Ed.,2012,4500NO ₂ B	--	mg/L	0.24
10.	Arsenic	APHA 22 nd Ed.,2012,3114-C	0.01	mg/L	BDL(<0.01)
11.	Cadmium	IS 3025(Part 41)1992, (APHA 22 nd Ed.,2012,3111-B)	0.003	mg/L	BDL(<0.1)
12.	Copper	IS 3025(Part 42)1992amd.01, (APHA 22 nd Ed.,2012,3111-B)	0.05	mg/L	0.03
13.	Lead	IS 3025(Part 47)1994Amd.02, (APHA 22 nd Ed.,2012,3111-B)	0.01	mg/L	BDL(<1.0)
14.	Chromium	IS 3025(Part 52)2003, (APHA 22 nd Ed.,2012,3111-B)	0.05	mg/L	0.67
15.	Nickel	IS 3025(Part 54)2003, (APHA 22 nd Ed.,2012,3111-B)	0.02	mg/L	0.28
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	BDL(<0.1)
18.	Iron	IS 3025(Part 53)2003, (APHA 22 nd Ed.,2012,3111-B)	0.3	mg/L	1.38
19.	*Cyanide	IS 3025(Part 27)1986	0.05	mg/L	BDL
20.	Turbidity	IS 3025(Part 10)1984	1	NTU	10





MoEF (Govt. of India) recognized
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Gujarat Pollution Control Board
(Govt. of Gujarat) Recognized
Environmental Auditor (Schedule B)



OHSAS: 18001:2007
Registered
M4340909ID

TEST REPORT

Report No.	UERL /Chem/13/05/119	Date Of Report	07/06/2013
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	29/05/2013	Sample Received Date	29/05/2013
Sampled By	P.C.C. Hand Over to Us.	Appearance Of Sample	Slightly yellow
Test Started Date	29/05/2013	Test Completion Date	06/06/2013
UERL Lab Sample ID.No. Chem/13/05/119			

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	22
22.	Bicarbonate as CaCO ₃	IS 3025(Part 51)2001	--	mg/L	147
23.	Chloride	IS 3025(Part 32)1988 (APHA 22 nd Ed.,2012,4500-Cl)	250	mg/L	ADL
24.	COD	IS 3025(Part 58)2006, (APHA 22 nd Ed.,2012,5220-B),	--	mg/L	280
25.	TKN	APHA 22 nd Ed.,2012,4500 NH ₃ - B	--	mg/L	14
26.	Ammonia as N	IS 3025(Part 34)1988, (APHA 22 nd Ed.,2012,4500 NH ₃ -B&C),	0.5	mg/L	BDL(<5.0)
27.	Hardness	IS 3025(Part 21)2009,Amd.1	200	mg/L	3544
28.	Calcium	APHA 22 nd Ed.,2012,3500 Ca.B)	75	mg/L	278
29.	Magnesium	APHA 22 nd Ed.,2012,3500 Mg.B	30	mg/L	693
30.	Sulphate	IS 3025(Part 24)1986	200	mg/L	ADL
31.	Sodium	APHA 22 nd Ed.,2012,3500 Na,B	--	mg/L	ADL
32.	TDS (Total Dissolve Solids)	(APHA 22 nd Ed.,2012,2540- C), IS 3025(Part 16)1984	500	mg/L	18700
33.	*TFS (Total Fixed Solids)	IS 3025(Part 18)1984,Amd.1 (APHA 22 nd Ed.,2012,2540 -E),	--	mg/L	ADL
34.	TSS (Total Suspended Solids)	IS 3025(Part 17)1984,Amd.1 (APHA 22 nd Ed.,2012,2540 -D),	--	mg/L	1076
35.	Phosphate	(APHA 22 nd Ed.,2012,4500-P,D)	--	mg/L	0.2
36.	*Ortho phosphate	(APHA 22 nd Ed.,2012,4500-P,D)	--	mg/L	BDL
37.	*Boron	--	0.5	mg/L	2.0
38.	Potassium	APHA 22 nd Ed.,2012,3500 K,B	--	mg/L	117
39.	Fluoride	(APHA 22 nd Ed.,2012,4500 F,D)	1.0	mg/L	1.1
40.	* % Na	By Calculation	--	%	BDL(<10)
41.	*SAR	By Calculation	--	--	ADL
42.	Total Alkalinity	IS 3025(Part 23)1986, Amd.2	200	mg/L	139
43.	P – Alkalinity	IS 3025(Part 23)1986, Amd.2	--	mg/L	19




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 Gujarat Pollution Control Board
 (Govt. of Gujarat) Recognized
 Environmental Auditor (Schedule 1)

 OHSAS 18001:2007
 Registered
 M4340909ID

TEST REPORT

Report No.	UERL /Chem/13/05/119	Date Of Report	07/06/2013
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	29/05/2013	Sample Received Date	29/05/2013
Sampled By	P.C.C. Hand Over to Us.	Appearance Of Sample	Slightly yellow
Test Started Date	29/05/2013	Test Completion Date	06/06/2013
UERL Lab Sample ID.No. Chem/13/05/119			

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	Absent	ppb	Absent
48.	PP DDT	US EPA 508-1995	Absent	ppb	Absent
49.	Alpha Endosulphan	US EPA 508-1995	Absent	ppb	Absent
50.	Beta Endosulphan	US EPA 508-1995	Absent	ppb	Absent
51.	Dieldrin	US EPA 508-1995	Absent	ppb	Absent
52.	2-4 D	US EPA 508-1995	Absent	ppb	Absent
53.	Aldrin	US EPA 508-1995	Absent	ppb	Absent
54.	Chloropyriphos.	US EPA 508-1995	Absent	ppb	Absent
55.	Carboryl (Carbamate)	US EPA 508-1995	Absent	ppb	Absent
56.	Methyl Parathin	US EPA 508-1995	Absent	ppb	Absent
57.	ABDLophos	US EPA 508-1995	Absent	ppb	Absent
58.	Malathian	US EPA 508-1995	Absent	ppb	Absent

Note: "The tests marked with on *are not accredited by NABL." BDL = Below Detection Limit, ADL = above detection Limit,

Colour = 5(100) = 100 Hazen Unit, Turbidity = 10 = 118.0 NTU.

Remark: Detection Limit of Sodium = 1 to 1,000 mg/L, SAR = 0.3 to 30, Conductivity = 0.001 to 20 mS/cm,

Sulphate = 1.0 to 100 mg/L, Chloride = 0.15 to 5000 mg/L, TFS = 5.0 to 10,000 mg/L

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

Tested By

(Signature)
 P.W.P.P.
 (Chemist)

Checked By

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

Authorized By

(Signature)
 (Technical Manager)



TEST REPORT

(Microbiology)

Report No.	MICRO/13/05/119	Date Of Report	07/06/2013
Name & Address of Customer	M/s. Pollution Control Committee. U.T. of DD and DNH. Daman.		Station Code No. A8
Sample Details	River Water	Sample Qty.	5 Lit.
Sampling Date	29/05/2013	Sample Received Date	29/05/2013
Sampled By	P.C.C. Hand Over to Us.	Appearance Of Sample	Slightly Yellow
Test Started Date	29/05/2013	Test Completion Date	31/05/2013
UERL Lab Sample ID.No. MIC/13/05/119			

TEST RESULTS:

Sr. No.	Parameters	Test Method	Limit as per IS:10500-1991	Unit Of Measurement	Results
1	Total Coliform	APHA 21 st Ed.2005,9222-B	Absent	CFU/100 ml	34
2	Faecal Coliform	APHA 21 st Ed.2005,9222-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

SARANA
(Sneha A. Rana)
Microbiologist

Authorized By

R Mahara
(Ranjan Mahara)
Sr. Microbiologist

April 2013



Laboratory Division
 White House,
 Near G.I.D.C. Office, Char Rasta,
 Vapi-396 195, Gujarat, India.
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MoEF (Govt. of India) Recognized
 Environmental Laboratory under the Environment
 (Protection) Act-1986.(22.7.2009 to 21.7.2014)



NABL (ISO/IEC:17025)
 Accredited Laboratory
 Certificate Nos. Chemical Testing: T-2739
 Biological Testing: T-2240 (07.06.2012 to 06.06.2014)



ON-SAS 18001:2007
 Registered
 M4340909ID

TEST REPORT

Report No.	UERI/Chem/13/04/140	Date Of Report	07/05/2013
Name of Address of Customer	M/s. Pollution Control Committee, C.I. of DD and DNH, Daman.	Station Code No.	A.
Sample Details	River Water	Sample Qty.	5 Lit.
Sampling Date	29/04/2013	Sample Received Date	29/04/2013
Sampled By	P.C.C. Hand Over to Us.	Appearance Of Sample	Colourless
Test Started Date	29/04/2013	Test Completion Date	06/05/2013
URI Lab Sample ID No.	Chem/13/04/140		

TEST RESULTS

Sl. 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 21 st Ed. 2005.4500-G.B)	--	mg/L	6.3
5	pH at 25°C	IS 3025(Part 11)1983. (APHA 21 st Ed. 2005.4500-H.B)	6.5 - 8.5	Unit	7.97
6	Conductivity	IS 3025(Part 14)1984	--	µs	217.1
7	BOD (5 days at 20°C)	IS 3025(Part 44)1993Amd 01 (APHA 21 st Ed., 2005.4500 NO 3-B)	--	mg/L	BDL(=0.01)
8	Nitrate as N	APHA 21 st Ed. 2005.4500 NO 3-B	45	mg/L	BDL(=0.01)
9	Nitrite - N	APHA 21 st Ed. 2005.4500 NO 3-B	--	mg/L	0.008
10	Arsenic	APHA 21 st Ed. 2005.3111-B	0.01	mg/L	BDL(=0.01)
11	Cadmium	IS 3025(Part 41)1992. (APHA 21 st Ed., 2005.3111-B)	0.003	mg/L	BDL(=0.01)
12	Copper	IS 3025(Part 42)1992Amd 01. (APHA 21 st Ed., 2005.3111-B)	0.05	mg/L	0.07
13	Lead	IS 3025(Part 47)1994Amd 02 (APHA 21 st Ed. 2005.3111-B)	0.01	mg/L	BDL(=0.01)
14	Chromium	IS 3025(Part 52)2003. (APHA 21 st Ed. 2005.3111-B)	0.05	mg/L	0.21
15	Nickel	IS 3025(Part 54)2003. (APHA 21 st Ed. 2005.3111-B)	0.02	mg/L	BDL(=0.01)
16	Zinc	IS 3025(Part 49)1994. (APHA 21 st Ed., 2005.3111-B)	5	mg/L	BDL(=0.01)
17	Mercury	(APHA 21 st Ed., 2005.3112-B)	0.001	mg/L	BDL(=0.01)
18	Iron	IS 3025(Part 53)2003. (APHA 21 st Ed., 2005.3111-B)	0.3	mg/L	0.10
19	*Cyanide	IS 3025(Part 27)1986	0.05	mg/L	BDL
20	Turbidity	IS 3025(Part 10)1984	1	NTU	0.1



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Biological Testing: T-2240 (07.06.2012 to 06.06.2014)



OHSAS 18001 2007
Registered
M4340909ID

TEST REPORT

Report No	UERL /Chem/13/04/140	Date Of Report	07/05/2013
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.
Sampling Date	29/04/2013	Sample Received Date	29/04/2013
Sampled By	P.C.C. Hand Over to Us.	Appearance Of Sample	Colourless
Test started Date	29/04/2013	Test Completion Date	06/05/2013
UERL Lab Sample ID No Chem/13/04/140			

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
22	Bicarbonate as CaCO ₃	IS 3025(Part 51)2001	--	mg/l	106
23	Chloride	IS 3025(Part 32)1988 (APHA 21 st Ed.,2005,4500-Cl ₁)	250	mg/L	20
24	COD	IS 3025(Part 58)2006, (APHA 21 st Ed. 2005,5220-B).	--	mg/L	8
25	TKN	APHA 21 st Ed.,2005,4500 NH ₃ - B	--	mg/L	BDL(< 5.0)
26	Ammonia as N	IS 3025(Part 34)1988, (APHA 21 st Ed.,2005,4500 NH ₃ -B&C).	0.5	mg/L	BDL(< 5.0)
27	Hardness	IS 3025(Part 21)2009, Amd 1	200	mg/L	89
28	Calcium	APHA 21 st Ed.2005,3500 Ca.B)	75	mg/L	20
29	Magnesium	APHA 21 st Ed.2005, 3500 Mg B	30	mg/L	10
30	Sulphate	IS 3025(Part 24)1986	200	mg/L	4
31	Sodium	APHA 21 st Ed.2005,3500 Na.B	--	mg/L	21
32	TDS (Total Dissolve Solids)	(APHA 21 st Ed.,2005,2540- C), IS 3025(Part 16)1984	500	mg/L	144
33	*TFS (Total Fixed Solids)	IS 3025(Part 18)1984, Amd.1 (APHA 21 st Ed.2005,2540 -E).	--	mg/l.	92
34	TSS (Total Suspended Solids)	IS 3025(Part 17)1984, Amd.1 (APHA 21 st Ed.2005,2540 -D)	--	mg/L	10
35	Phosphate	(APHA 21 st Ed.,2005,4500-P.D)	--	mg/L	BDL
36	*Ortho phosphate	(APHA 21 st Ed. 2005,4500-P.D)	--	mg/L	BDL
37	*Boron	--	0.5	mg/L	BDL
38	Potassium	APHA 21 st Ed.2005,3500 K.B	--	mg/l.	3.4
39	Fluoride	(APHA 21 st Ed.,2005,4500 F.D)	1.0	mg/L	0.2
40	*% Na	By Calculation	--	%	BDL(< 10)
41	*SAR	By Calculation	--	mg/L	5.43
42	Total Alkalinity	IS 3025(Part 23)1986, Amd.2	200	mg/L	106
43	P. Alkalinity	IS 3025(Part 23)1986, Amd.2	--	mg/L	10





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 Biological Testing: T 2240 (07.06.2012 to 06.06.2014)



OH-KAS 18001:2007
 Registered
 M4340909D

TEST REPORT

Report No	U FRL /Chem/13/04/140	Date Of Report	07/05/2013
Name & Address of Customer	M/s. Pollution Control Committee, C.E. of DB and DNH Daman	Station Code No.	A ₁
Sample Details	River water	Sample Qty.	5 Lit.
Sampling Date	29/04/2013	Sample Received Date	29/04/2013
Sampled By	P.C.C. Hand Over to Us.	Appearance Of Sample	Colourless
Test Started Date	29/04/2013	Test Completion Date	06/05/2013

U FRL Lab Sample ID No: Chem/13/04/140

TEST RESULTS

Sr. No.	Parameters	Test Method	Limit as per IS:10500:2012	Unit Of Measurement	Results
Pesticides:					
11	Alpha BHC	US EPA 508-1995	Absent	ppb	Absent
13	Beta BHC	US EPA 508-1995	Absent	ppb	Absent
16	Gamma BHC	US EPA 508-1995	Absent	ppb	Absent
4	OP DDT	US EPA 508-1995	Absent	ppb	Absent
18	PP DDT	US EPA 508-1995	Absent	ppb	Absent
19	Alpha Endosulphan	US EPA 508-1995	Absent	ppb	Absent
20	Beta Endosulphan	US EPA 508-1995	Absent	ppb	Absent
51	Dieldrin	US EPA 508-1995	Absent	ppb	Absent
52	2-4 D	US EPA 508-1995	Absent	ppb	Absent
53	Aldrin	US EPA 508-1995	Absent	ppb	Absent
54	Chloropyrifos	US EPA 508-1995	Absent	ppb	Absent
55	Carbaryl (Carbamate)	US EPA 508-1995	Absent	ppb	Absent
56	Methyl Parathion	US EPA 508-1995	Absent	ppb	Absent
57	Azinphos	US EPA 508-1995	Absent	ppb	Absent
58	Malathion	US EPA 508-1995	Absent	ppb	Absent


Note: The tests marked with an *are not accredited by NABL.

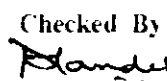
BOD - Biochemical Oxygen Demand, COD - Chemical Oxygen Demand, Colour - 1(10) - 10 Hazen Unit, Turbidity - 0.1 - 3.76 NTU

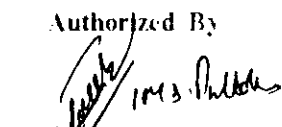
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Tested By

 (J.P.D.)
 Analyst

Checked By

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

Authorized By

 (Technical Manager)
 U FRL /CHMF-2/02



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Biological Testing: T-2240 (07/06/2012 to 06/06/2014)



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TEST REPORT
(Microbiology)

Report No.	MICRO/13/04/140	Date Of Report	07/05/2013
Name & Address of Customer	M/s. Pollution Control Committee, U.T. of DD and DNH Daman	Station Code No.	A₁
Sample Details	River water	Sample Qty	5 Lit.
Sampling Date	29/04/2013	Sample Received Date	29/04/2013
Sampled By	P.C.C. Hand Over to Us.	Appearance Of Sample	Colorless
Test Started Date	29/04/2013	Test Completion Date	01/05/2013

UERL Lab Sample ID.No. **MIC/13/04/140**

TEST RESULTS:

Sr. No.	Parameters	Test Method	Limit as per IS:10500-1991	Unit Of Measurement	Results
1	Total Coliform	APHA 21 st Ed 2005.9222-B	Absent	CFU/100 ml	8
2	Faecal Coliform	APHA 21 st Ed 2005.9222-D	Absent	CFU/100 ml	6

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

Opinions and Interpretations, (if required)

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

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Tested By

S.A. Ramey
(Sneha V. Ramu)
Jr. Microbiologist

Authorized By

Ranjana Mahajan
(Ranjana Mahajan)
Sr. Microbiologist



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Biological Testing: T-2240 (07.06.2012 to 06.06.2014)



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M434090910

TEST REPORT

Report No.	UERL /Chem/13/04/141	Date Of Report	07/05/2013
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	29/04/2013	Sample Received Date	29/04/2013
Sampled By	P.C.C. Hand Over to U.S.	Appearance Of Sample	Slightly yellow
Test Started Date	29/04/2013	Test Completion Date	06/05/2013
UERM Lab Sample ID No. Chem/13/04/141			

TEST RESULTS

Sl. 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	5.800
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 21 st Ed.,2005.4500-O.B.)	--	mg/L	5.4
5	pH at 25°C	IS 3025(Part 11)1983 (APHA 21 st Ed.,2005.4500-H.B)	6.5 - 8.5	Unit	7.60
6	Conductivity	IS 3025(Part 14)1984	--	µS	APM
7	BOB (3 days at 20°C)	IS 3025(Part 14)1993Amd.01	--	mg/L	98
8	Nitrate as N	(APHA 21 st Ed.,2005.4500 NO3-B)	45	mg/L	1.2
9	Nitrite as N	APHA 21 st Ed.,2005.4500NO2-B	--	mg/L	0.38
10	Arsenic	APHA 21 st Ed.,2005.3111-C	0.01	mg/L	BDL (<0.01)
11	Cadmium	IS 3025(Part 41)1992, (APHA 21 st Ed.,2005.3111-B)	0.003	mg/L	BDL (<0.1)
12	Copper	IS 3025(Part 42)1992amd.01, (APHA 21 st Ed.,2005.3111-B)	0.05	mg/L	0.12
13	Lead	IS 3025(Part 47)1994Amd.02 (APHA 21 st Ed.,2005.3111-B)	0.01	mg/L	BDL (<0.01)
14	Chromium	IS 3025(Part 52)2003 (APHA 21 st Ed.,2005.3111-B)	0.05	mg/L	0.32
15	Nickel	IS 3025(Part 54)2003 (APHA 21 st Ed.,2005.3111-B)	0.02	mg/L	0.14
16	Zinc	IS 3025(Part 49)1994, (APHA 21 st Ed.,2005.3111-B)	5	mg/L	BDL (<0.1)
17	Mercury	(APHA 21 st Ed.,2005.3112-B)	0.001	mg/L	BDL (<0.1)
18	Iron	IS 3025(Part 53)2003 (APHA 21 st Ed.,2005.3111-B)	0.3	mg/L	0.33
19	Ammonide	IS 3025(Part 27)1986	0.05	mg/L	BDL
20	Turbidity	IS 3025(Part 10)1984	1	NTU	16




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 Biological Testing T-2240 (07.06.2012 to 06.06.2014)

 GAS 18001 2007
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TEST REPORT

Report No	UERL /Chem/13/04/141	Date Of Report	07/05/2013
Name & Address of Customer	M/s. Pollution Control Committee. G. T. of DD and DNH, Daman.	Sample Code No	A8
Sample Details	River Water	Sample Qty.	5 Lit.
Sampling Date	29/04/2013	Sample Received Date	29/04/2013
Sampled By	P.C.C. Hand Over to Us.	Appearance Of Sample	Slightly yellow
Test Started Date	29/04/2013	Test Completion Date	06/05/2013
UERL Lab Sample ID No. Chem/13/04/141			

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
22	Bicarbonate as CaCO ₃	IS 3025(Part 51)2001	--	mg/L	164
23	Chloride	IS 3025(Part 32)1988 (APHA 21 st Ed. 2005.4500-C1)	250	mg/L	468 ⁷
24	COD	IS 3025(Part 58)2006, (APHA 21 st Ed. 2005.5220-B).	--	mg/L	325
25	TKN	APHA 21 st Ed. 2005.4500 NH ₃ - B	--	mg/L	BDL(=5.0)
26	Ammonia as N	IS 3025(Part 34)1988. (APHA 21 st Ed. 2005.4500 NH ₃ -B&C).	0.5	mg/L	BDL(=5.0)
27	Hardness	IS 3025(Part 21)2009, Amd 1	200	mg/L	1812
28	Calcium	APHA 21 st Ed 2005.3500 Ca, B)	75	mg/L	147
29	Magnesium	APHA 21 st Ed 2005. 3500 Mg B	30	mg/L	351
30	Sulphate	IS 3025(Part 24)1986	200	mg/L	ADL
31	Sodium	APHA 21 st Ed 2005. 3500 Na, B	--	mg/L	ADL
32	TDS (Total Dissolve Solids)	(APHA 21 st Ed. 2005.2540 - C), IS 3025(Part 16)1984	500	mg/l	1138.1
33	*TFS (Total Fixed Solids)	IS 3025(Part 18)1984, Amd 1 (APHA 21 st Ed 2005.2540 -E).	--	mg/L	10212
34	TSS (Total Suspended Solids)	IS 3025(Part 17)1984, Amd 1 (APHA 21 st Ed 2005.2540 -D).	--	mg/L	20
35	Phosphate	(APHA 21 st Ed. 2005.4500-P,D)	--	mg/L	BDL(=0.1)
36	*Ortho phosphate	(APHA 21 st Ed. 2005.4500-P,D)	--	mg/L	BDL
37	*Boron	--	0.5	mg/L	1.7
38	Potassium	APHA 21 st Ed 2005.3500 K, B	--	mg/l.	90.4
39	Fluoride	(APHA 21 st Ed. 2005.1500 F,D)	1.0	mg/L	2.0
40	*% Na	By Calculation	--	%	BDL(=1%)
41	*SAR	By Calculation	--	--	ADL
42	Total Alkalinity	IS 3025(Part 23)1986, Amd 2	200	mg/L	154
43	Free Alkalinity	IS 3025(Part 23)1986, Amd 2	--	mg/L	10




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 Biological Testing: T-2240 (07.06.2012 to 06.06.2014)

 ISO 9001:2007
 Registered
 M4340909D

TEST REPORT

Report No.	UERL /Chem/13/04/141	Date Of Report	07/05/2013
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 Lt.
Sampling Date	29/04/2013	Sample Received Date	29/04/2013
Sampled By	P.C.C. Hand Over to Us.	Appearance Of Sample	Slightly yellow
Test started Date	29/04/2013	Test Completion Date	06/05/2013
UERL Lab Sample ID No: Chem/13/04/141			

TEST RESULTS

Sl. No.	Parameters	Test Method	Limit as per IS:10500:2012	Unit Of Measurement	Results
Pesticides.					
11	Absin. BHC	US EPA 508-1995	Absent	ppb	Absent
12	Beta BHC	US EPA 508-1995	Absent	ppb	Absent
13	Gamma BHC	US EPA 508-1995	Absent	ppb	Absent
14	OP DDT	US EPA 508-1995	Absent	ppb	Absent
15	PP DDT	US EPA 508-1995	Absent	ppb	Absent
19	Alpha Endosulphan	US EPA 508-1995	Absent	ppb	Absent
20	Beta Endosulphan	US EPA 508-1995	Absent	ppb	Absent
51	Dieldrin	US EPA 508-1995	Absent	ppb	Absent
52	2-4 D	US EPA 508-1995	Absent	ppb	Absent
53	Aldrin	US EPA 508-1995	Absent	ppb	Absent
54	Chloropyrifos.	US EPA 508-1995	Absent	ppb	Absent
55	Triaryl Carbonate	US EPA 508-1995	Absent	ppb	Absent
56	Methyl Parathion	US EPA 508-1995	Absent	ppb	Absent
57	Azinphos	US EPA 508-1995	Absent	ppb	Absent
58	Malathion	US EPA 508-1995	Absent	ppb	Absent

Note: *The tests marked with an *are not accredited by NABL.*

BDL = Below Detection Limit, ADL = above detection Limit, Colour = 5 (80) - 80 Hazen Unit, Turbidity = 10 - 227.0 NTU

Remark: Detection Limit of Sodium = 1 to 1,000 mg/l, SAR = 0.3 to 30, Conductivity = 0.001 to 20 mS/cm.

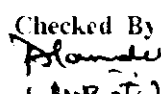
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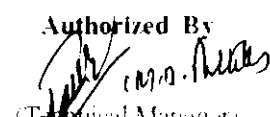
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 Tested By

 (J.P.V.)
 (Chemist)

 Checked By

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

 Authorized By

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



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TEST REPORT
(Microbiology)

Report No	MICRO/13/04/141	Date Of Report	07/05/2013
Name & Address of Customer	M/s. Pollution Control Committee, C.T. of DD and DNH, Daman.	Station Code No	A8
Sample Details	River Water	Sample Qty	5 Lit.
Sampling Date	29/04/2013	Sample Received Date	29/04/2013
Sampled By	P.C.C. Hand Over to U's.	Appearance Of Sample	Slightly yellow
Test Started Date	29/04/2013	Test Completion Date	01/05/2013

Uerlin Lab Sample ID No: **MIC/13/05/141**

TEST RESULTS:

Sr. No.	Parameters	Test Method	Limit as per IS:10500-1991	Unit Of Measurement	Results
1	Total Coliform	APHA 21 st Ed 2005.9222-B	Absent	CFU/100 ml	1
2	Faecal Coliform	APHA 21 st Ed 2005.9222-D	Absent	CFU/100 ml	<1

Remarks: The sample portion tested does not comply as per drinking water specifications.

Opinions and Interpretations: (if required)

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

Note:

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Tested By

SARANA
Sneha A. Kanay
Jr. Microbiologist

Authorized By

Ranjana
(Ranjana Matharaj)
Sr. Microbiologist

March '2013

A-3, At Madhuban
Dam point

Laboratory Division

White House,
Near G.I.D.C. Office, Char Rasta,
Vapi-396 195, Gujarat, India.
Phone: 91 260 2433966 / 91 260 2425610
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Biological Testing: L 2243/07/06/2012 to 06/06/2014



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TEST REPORT

Report No.	UERL /Chem/13/03/131	Date Of Report	03/04/2013
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	25/03/2013	Sample Received Date	25/03/2013
Sampled By	P.C.C. Hand Over to Us.	Appearance Of Sample	Colourless
Test Started Date	25/03/2013	Test Completion Date	02/04/2013
UERL Lab Sample ID.No. Chem/13/03/131			

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	127
23.	Chloride	IS 3025(Part 32)1988 (APHA 21 st Ed.,2005,4500-Cl)	250	mg/L	9
24.	COD	IS 3025(Part 58)2006 (APHA 21 st Ed.,2005,5220-B),	—	mg/L	BDL(<5.0)
25.	TKN	APHA 21 st Ed.,2005,4500 NH ₃ - B	—	mg/L	BDL(<5.0)
26.	Ammonia as N	IS 3025(Part 34)1988, (APHA 21 st Ed.,2005,4500 NH ₃ -B&C),	0.5	mg/L	BDL(<5.0)
27.	Hardness	IS 3025(Part 21)2009, Amd.1	200	mg/L	109
28.	Calcium	APHA 21 st Ed.,2005,3500 Ca-B)	75	mg/L	20
29.	Magnesium	APHA 21 st Ed.,2005, 3500 Mg-B	30	mg/L	14
30.	Sulphate	IS 3025(Part 24)1986	200	mg/L	4
31.	Sodium	APHA 21 st Ed.,2005,3500 Na-B	—	mg/L	18.6
32.	TDS (Total Dissolve Solids)	(APHA 21 st Ed.,2005,2540 -C), IS 3025(Part 16)1984	500	mg/L	172
33.	*TFS (Total Fixed Solids)	IS 3025(Part 18)1984, Amd.1 (APHA 21 st Ed.,2005,2540 -F)	—	mg/L	114
34.	TSS (Total Suspended Solids)	IS 3025(Part 17)1984, Amd.1 (APHA 21 st Ed.,2005,2540 -D),	—	mg/L	32
35.	Phosphate	(APHA 21 st Ed.,2005,4500-P,D)	—	mg/L	BDL
36.	*Ortho phosphate	(APHA 21 st Ed.,2005,4500-P,D)	—	mg/L	BDL
37.	*Boron	—	0.5	mg/L	BDL
38.	Potassium	APHA 21 st Ed.,2005,3500 K-B	—	mg/L	4.6
39.	Fluoride	(APHA 21 st Ed.,2005,4500 F,D)	1.0	mg/L	0.3
40.	* % Na	By Calculation	—	%	BDL(<10)
41.	*SAR	By Calculation	—	mg/L	4.51
42.	Total Alkalinity	IS 3025(Part 23)1986, Amd.2	200	mg/L	104
43.	P - Alkalinity	IS 3025(Part 23)1986, Amd.2	—	mg/L	BDL





MoEF, Govt. of India Recognized
Environmental Laboratory under the Environmental
Protection Act 1986 (22/7/2009 to 21/7/2011)



NABL (ISO/IEC:17025)
Accredited Laboratory
Certificate Nos. Chemical Testing: 112239
Biological Testing: 112240 (7/06/2012 to 06/06/2014)



ISO 9001:2007
Registered
Certificate No. M/1406/K/D

TEST REPORT

Report No.	UERL /Chem/13/03/131	Date Of Report	03/04/2013
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	25/03/2013	Sample Received Date	25/03/2013
Sampled By	P.C.C. Hand Over to Us.	Appearance Of Sample	Colourless
Test Started Date	25/03/2013	Test Completion Date	02/04/2013
UERL Lab Sample ID.No. Chem/13/03/131			

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 21 st Ed.,2005,4500-O.B)	-	mg/L	6.8
5.	pH at 25 °C	IS 3025(Part 11)1983, (APHA 21 st Ed.,2005,4500-11"B)	6.5 - 8.5	Unit	7.69
6.	Conductivity	IS 3025(Part 14)1984	-	µs	221
7.	BOD (3 days at 27 °C)	IS 3025(Part 44)1993:Amd.01 (APHA 21 st Ed.,2005,4500	-	mg/L	BDL(< 5.0)
8.	Nitrate as N	NO ₃ -B)	45	mg/L	BDL(<0.01)
9.	Nitrite- N	APHA21 st Ed.2005,4500NO ₂ B	-	mg/L	0.006
10.	Arsenic	APHA21 st Ed.2005,3114-C	0.01	mg/L	BDL(<0.01)
11.	Cadmium	IS 3025(Part 41)1992, (APHA 21 st Ed.,2005,3111-B)	0.003	mg/L	BDL(<0.1)
12.	Copper	IS 3025(Part 42)1992:Amd.01, (APHA 21 st Ed.,2005,3111-B)	0.05	mg/L	BDL(<0.02)
13.	Lead	IS 3025(Part 47)1994:Amd.02, (APHA 21 st Ed.,2005,3111-B)	0.01	mg/L	BDL(<1.0)
14.	Chromium	IS 3025(Part 52)2003, (APHA 21 st Ed.,2005,3111-B)	0.05	mg/L	BDL(<0.2)
15.	Nickel	IS 3025(Part 54)2003, (APHA 21 st Ed.,2005,3111-B)	0.02	mg/L	0.16
16.	Zinc	IS 3025(Part 49)1994 (APHA 21 st Ed.,2005,3111-B)	5	mg/L	BDL(<0.1)
17.	Mercury	(APHA 21 st Ed.,2005,3112-B)	0.001	mg/L	BDL(< 0.1)
18.	Iron	IS 3025(Part 53)2003, (APHA 21 st Ed.,2005,3111-B)	0.3	mg/L	0.14
19.	*Cyanide	IS 3025(Part 27)1986	0.05	mg/L	BDL
20.	Turbidity	IS 3025(Part 10)1984	1	NTU	0.1




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 Protection Act 1986 (22/7/2009 to 21/7/2011)

 NABL (ISO/IEC 17025)
 Accredited Laboratory
 Certificate No. Chemical Testing: 11235
 Biological Testing: 2242/07/01/2011 to 06/06/2014

 OHSA 18001:2007
 Registered
 Maharashtra

TEST REPORT

Report No	UERL /Chem/13/03/131	Date Of Report	03/04/2013
Name & Address of Customer	M/s. Pollution Control Committee, U.T. of DD and DMH, Daman.	Station Code No.	A ₃
Sample Details	River water	Sample Qty	5 Lit.
Sampling Date	25/03/2013	Sample Received Date	25/03/2013
Sampled By	P.C.C. Hand Over to Us.	Appearance Of Sample	Colourless
Test Started Date	25/03/2013	Test Completion Date	02/04/2013

UERL Lab Sample ID.No. Chem/13/03/131

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	Absent	ppb	Absent
48.	PP DDT	US EPA 508-1995	Absent	ppb	Absent
49.	Alpha Endosulphan	US EPA 508-1995	Absent	ppb	Absent
50.	Beta Endosulphan	US EPA 508-1995	Absent	ppb	Absent
51.	Dieldrin	US EPA 508-1995	Absent	ppb	Absent
52.	2-4 D	US EPA 508-1995	Absent	ppb	Absent
53.	Aldrin	US EPA 508-1995	Absent	ppb	Absent
54.	Chloropyrifos.	US EPA 508-1995	Absent	ppb	Absent
55.	Carboryl (Carbamate)	US EPA 508-1995	Absent	ppb	Absent
56.	Methyl Parathin	US EPA 508-1995	Absent	ppb	Absent
57.	Amlphos	US EPA 508-1995	Absent	ppb	Absent
58.	Malathian	US EPA 508-1995	Absent	ppb	Absent

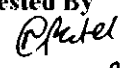
Note: * The tests marked with an * are not accredited by NABL.

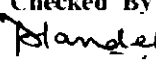
BDL = Below Detection Limit, Colour = 1(10) = 10 Hazen Unit, Turbidity = 0.1 = 1.92 NTU.

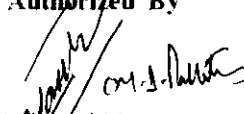
***** End of Report *****

Note:

- 1) The results listed refer only to the Tested Sample and applicable parameters at the time of testing.
- 2) This Test Report shall not be reproduced except in full without approval by LABORATORY DIVISION MS UNSTAR ENVIRONMENT & RESEARCH LABS PVT.LTD.
- 3) This analyst opinions or interpretations contained in the report are based upon material and information supplied by customer.
- 4) Perishable samples will not be retained for more than 15 days from the date of issue of test report and for others, retention period of tested samples one month only unless otherwise agreed with the customer or as required by the applicable regulation.

 Tested By

 (N.C.P.)
 (Chemist)

 Checked By

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

 Authorized By

 (Technical Manager)



Govt. of India: Recognized
Environmental Laboratory under the Environment
Protection Act 1986 (27/2009 to 21/2011)



NABL ISO/IEC 17025
Accredited Laboratory
Certificate Nos. - Chemical Testing: 1-2130
Biological Testing: 1-2243 (07/10/2012 to 06/06/2014)



OHSA 15201:2007
Registered
M44490512

TEST REPORT

(Microbiology)

Report No.	MICRO/13/03/131	Date Of Report	03/04/2013
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 ltr.
Sampling Date	25/03/2013	Sample Received Date	25/03/2013
Sampled By	P.C.C. Hand Over to Us.	Appearance Of Sample	Colorless
Test Started Date	25/03/2013	Test Completion Date	27/03/2013
UERL Lab Sample ID No. MIC/13/03/131			

TEST RESULTS:

Sr. No.	Parameters	Test Method	Limit as per IS:10500 1991	Unit Of Measurement	Results
1	Total Coliform	APHA 21 st Ed.2005.9222-B	Absent	CFU/100 ml	12
2	Faecal Coliform	APHA 21 st Ed.2005.9222-D	Absent	CFU/100 ml	5

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

Opinions and Interpretations: (if required)

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

Tested By

S.A. Rana
(Sneha A. Rana)
Microbiologist

Authorized By

R. Mahajan
(Raman Maharaj)
Sr. Microbiologist



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TEST CERTIFICATE

Our Ref. No.	PLWS/20130223017	Issue Date	March 20,2013		
Customer Name & Address	Pollution Control Committee, Daman.				
Customer Ref. No & Date	PCC/DDD projects/RW/2012-2013/127 Dated : 23/05/2012.				
Part A: SAMPLE PARTICULARS					
Sample Description	Daman Ganga River Water RW - A1				
Sample Quantity	10 Lit.	Packing	Plastic Carboy		
Sample Collection Date	23/02/2013	Sample Receipt Date	23/02/2013		
Analysis Start Date	24/02/2013	Analysis Completion Date	19/03/2013		
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	306	APHA	--
2	Temperature	°C	28	APHA	--
3	Turbidity	NTU	0.8	APHA	--
4	pH	--	8.17	APHA	5.5-9.0
5	Total Suspended Solids	mg/lit.	9	APHA	NMT 100 mg/lit
6	Total Dissolved Solids	mg/lit.	196	APHA	--
7	Total Hardness (as CaCO ₃)	mg/lit.	62.4	APHA	--
8	Total Alkalinity (as CaCO ₃)	mg/lit.	62.6	APHA	--
9	Phenolphthalein Alkalinity	mg/lit.	BDL	APHA	--
10	Calcium (as Ca)	mg/lit.	25.6	APHA	--
11	Magnesium (as Mg)	mg/lit.	BDL	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.	175	APHA	--
17	Chloride (as Cl)	mg/lit.	26.22	APHA	--
18	Sulphate (as SO ₄)	mg/lit.	1.6	APHA	--
19	Fluoride (as F)	mg/lit.	BDL	APHA	NMT 2.0 mg/lit
20	Nitrate (as NO ₃)	mg/lit.	0.5	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.	21	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../-

Recognitions

Recognised Env. Lab under EPA-1986 by Ministry of Environment & Forests
Recognized Environmental Auditors with Gujarat Pollution Control Board (GPCB)
An ISO 9001:2008 Certified Laboratory

Contact

1st Floor, Bhanujyot Complex, Plot No.C5/27,
B/h. Panchratna Complex, Nr. GIDC Char Rasta, Vapi - 396 195
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e-mail: vapi@precitechlab.com

web: www.precitechlab.com



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PRECITECH LAB
PANCHRATNA COMPLEX, VAPI

TEST CERTIFICATE

Our Ref. No.	PLWS/20130223017	Issue Date	March 20,2013		
Customer Name & Address	Pollution Control Committee, Daman.				
Customer Ref. No & Date	PCC/DDD projects/RW/2012-2013/127 Dated : 23/05/2012.				
Part A: SAMPLE PARTICULARS					
Sample Description	Daman Ganga River Water RW - A1				
Sample Quantity	10 Lit.	Packing	Plastic Carboy		
Sample Collection Date	23/02/2013	Sample Receipt Date	23/02/2013		
Analysis Start Date	24/02/2013	Analysis Completion Date	19/03/2013		
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.	2.6	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	35	IS	0/100 ml
	Fecal Coliform	cfu/100ml	02	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.

Recognitions

Recognised Env. Lab under EPA-1986 by Ministry of Environment & Forests
Recognized Environmental Auditors with Gujarat Pollution Control Board (GPCB)
An ISO 9001:2008 Certified Laboratory

Contact

1st Floor, Bhanujyot Complex, Plot No.C5/27,
B/h. Panchratna Complex, Nr. GIDC Char Rasta, Vapi - 396 195
Telefax: (0260) 2425542, 2420995, 2424901, 3298985
e-mail: vapi@precitechlab.com



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TEST CERTIFICATE

Our Ref. No.	PLAWS/20130223009	Issue Date	March 20,2013		
Customer Name & Address	Pollution Control Committee, Daman.				
Customer Ref. No & Date	PCC/DDD projects/RW/2012-2013/127 Dated : 23/05/2012.				
Part A: SAMPLE PARTICULARS					
Sample Description	Daman Ganga River Water RW – A2				
Sample Quantity	5 Lit.	Packing	Plastic Carboy		
Sample Collection Date	23/02/2013	Sample Receipt Date	23/02/2013		
Analysis Start Date	24/02/2013	Analysis Completion Date	19/03/2013		
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	240	APHA	--
2	Temperature	°C	28	APHA	--
3	Turbidity	NTU	0.8	APHA	--
4	pH	--	8.50	APHA	5.5-9.0
5	Total Suspended Solids	mg/lit.	11	APHA	NMT 100 mg/lit
6	Total Dissolved Solids	mg/lit.	154	APHA	--
7	Total Hardness (as CaCO ₃)	mg/lit.	52	APHA	--
8	Total Alkalinity (as CaCO ₃)	mg/lit.	53	APHA	--
9	Phenolphthalein Alkalinity	mg/lit.	BDL	APHA	--
10	Calcium (as Ca)	mg/lit.	21	APHA	--
11	Magnesium (as Mg)	mg/lit.	BDL	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.	6.2	APHA	--
15	Total Kjeldahl Nitrogen	mg/lit.	BDL	APHA	NMT 100 mg/lit
16	Total Fixed Solids	mg/lit.	88	APHA	--
17	Chloride (as Cl ⁻)	mg/lit.	16	APHA	--
18	Sulphate (as SO ₄)	mg/lit.	2.4	APHA	--
19	Fluoride (as F ⁻)	mg/lit.	0.6	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.	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../-

Recognitions

Recognised Env. Lab under EPA-1986 by Ministry of Environment & Forests
Recognized Environmental Auditors with Gujarat Pollution Control Board (GPCB)
An ISO 9001:2008 Certified Laboratory

Contact

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



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TEST CERTIFICATE

Our Ref. No.	PL/WS/20130223009	Issue Date	March 20,2013		
Customer Name & Address	Pollution Control Committee, Daman.				
Customer Ref. No & Date	PCC/DDD projects/RW/2012-2013/127 Dated : 23/05/2012.				
Part A: SAMPLE PARTICULARS					
Sample Description	Daman Ganga River Water RW – A2				
Sample Quantity	5 Lit.	Packing	Plastic Carboy		
Sample Collection Date	23/02/2013	Sample Receipt Date	23/02/2013		
Analysis Start Date	24/02/2013	Analysis Completion Date	19/03/2013		
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.	5.4	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	20	IS	0/100 ml
	Fecal Coliform	cfu/100ml	02	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.

Recognitions

Recognised Env. Lab under EPA-1986 by Ministry of Environment & Forests
Recognized Environmental Auditors with Gujarat Pollution Control Board (GPCB)
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Contact

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



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TEST CERTIFICATE

Our Ref. No.	PLWS/20130223010	Issue Date	March 20,2013		
Customer Name & Address	Pollution Control Committee, Daman.				
Customer Ref. No & Date	PCC/DDD projects/RW/2012-2013/127 Dated : 23/05/2012.				
Part A: SAMPLE PARTICULARS					
Sample Description	Daman Ganga River Water RW – A3				
Sample Quantity	10 Lit.	Packing	Plastic Carboy		
Sample Collection Date	23/02/2013	Sample Receipt Date	23/02/2013		
Analysis Start Date	24/02/2013	Analysis Completion Date	19/03/2013		
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	195	APHA	--
2	Temperature	°C	28	APHA	--
3	Turbidity	NTU	0.5	APHA	--
4	pH	--	8.07	APHA	5.5-9.0
5	Total Suspended Solids	mg/lit.	10	APHA	NMT 100 mg/lit
6	Total Dissolved Solids	mg/lit.	125	APHA	--
7	Total Hardness (as CaCO ₃)	mg/lit.	46	APHA	--
8	Total Alkalinity (as CaCO ₃)	mg/lit.	44	APHA	--
9	Phenolphthalein Alkalinity	mg/lit.	BDL	APHA	--
10	Calcium (as Ca)	mg/lit.	18	APHA	--
11	Magnesium (as Mg)	mg/lit.	BDL	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.	6.2	APHA	--
15	Total Kjeldahl Nitrogen	mg/lit.	BDL	APHA	NMT 100 mg/lit
16	Total Fixed Solids	mg/lit.	89	APHA	--
17	Chloride (as Cl ⁻)	mg/lit.	10.6	APHA	--
18	Sulphate (as SO ₄)	mg/lit.	15.3	APHA	--
19	Fluoride (as F ⁻)	mg/lit.	0.7	APHA	NMT 2.0 mg/lit
20	Nitrate (as NO ₃)	mg/lit.	0.8	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.	25.4	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../-

Recognitions

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TEST CERTIFICATE

Our Ref. No.	PLWS/20130223010	Issue Date	March 20,2013		
Customer Name & Address	Pollution Control Committee, Daman.				
Customer Ref. No & Date	PCC/DDD projects/RW/2012-2013/127 Dated : 23/05/2012.				
Part A: SAMPLE PARTICULARS					
Sample Description	Daman Ganga River Water RW – A3				
Sample Quantity	10 Lit.	Packing	Plastic Carboy		
Sample Collection Date	23/02/2013	Sample Receipt Date	23/02/2013		
Analysis Start Date	24/02/2013	Analysis Completion Date	19/03/2013		
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.	2.2	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	Nil	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.

Recognitions

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AN ISO 9001:2008 CERTIFIED LABORATORY

TEST CERTIFICATE

Our Ref. No.	PLWS/20130223011	Issue Date	March 20,2013		
Customer Name & Address	Pollution Control Committee, Daman.				
Customer Ref. No & Date	PCC/DDD projects/RW/2012-2013/127 Dated : 23/05/2012.				
Part A: SAMPLE PARTICULARS					
Sample Description	Daman Ganga River Water RW – A4				
Sample Quantity	10 Lit.	Packing	Plastic Carboy		
Sample Collection Date	23/02/2013	Sample Receipt Date	23/02/2013		
Analysis Start Date	24/02/2013	Analysis Completion Date	19/03/2013		
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	226	APHA	--
2	Temperature	°C	28	APHA	--
3	Turbidity	NTU	0.6	APHA	--
4	pH	--	8.19	APHA	5.5-9.0
5	Total Suspended Solids	mg/lit.	9	APHA	NMT 100 mg/lit
6	Total Dissolved Solids	mg/lit.	145	APHA	--
7	Total Hardness (as CaCO ₃)	mg/lit.	49	APHA	--
8	Total Alkalinity (as CaCO ₃)	mg/lit.	40	APHA	--
9	Phenolphthalein Alkalinity	mg/lit.	BDL	APHA	--
10	Calcium (as Ca)	mg/lit.	19.2	APHA	--
11	Magnesium (as Mg)	mg/lit.	BDL	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.	5.2	APHA	--
15	Total Kjeldahl Nitrogen	mg/lit.	BDL	APHA	NMT 100 mg/lit
16	Total Fixed Solids	mg/lit.	83.4	APHA	--
17	Chloride (as Cl)	mg/lit.	13.5	APHA	--
18	Sulphate (as SO ₄)	mg/lit.	15.5	APHA	--
19	Fluoride (as F)	mg/lit.	0.4	APHA	NMT 2.0 mg/lit
20	Nitrate (as NO ₃)	mg/lit.	0.9	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.	29.2	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.

Contd..!-

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PCC/2013/0011

TEST CERTIFICATE

Our Ref. No.	PL/WS/20130223011	Issue Date	March 20,2013		
Customer Name & Address	Pollution Control Committee, Daman.				
Customer Ref. No & Date	PCC/DDD projects/RW/2012-2013/127 Dated : 23/05/2012.				
Part A: SAMPLE PARTICULARS					
Sample Description	Daman Ganga River Water RW – A4				
Sample Quantity	10 Lit.	Packing	Plastic Carboy		
Sample Collection Date	23/02/2013	Sample Receipt Date	23/02/2013		
Analysis Start Date	24/02/2013	Analysis Completion Date	19/03/2013		
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.	2.8	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	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	Nil	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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PRECITECH LAB

TEST CERTIFICATE

Our Ref. No.	PLWS/20130223012	Issue Date	March 20,2013		
Customer Name & Address	Pollution Control Committee, Daman.				
Customer Ref. No & Date	PCC/DDD projects/RW/2012-2013/127 Dated : 23/05/2012.				
Part A: SAMPLE PARTICULARS					
Sample Description	Daman Ganga River Water RW - A5				
Sample Quantity	5 Lit.	Packing	Plastic Carboy		
Sample Collection Date	23/02/2013	Sample Receipt Date	23/02/2013		
Analysis Start Date	24/02/2013	Analysis Completion Date	19/03/2013		
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	262	APHA	--
2	Temperature	°C	28	APHA	--
3	Turbidity	NTU	0.8	APHA	--
4	pH	--	8.31	APHA	5.5-9.0
5	Total Suspended Solids	mg/lit.	8	APHA	NMT 100 mg/lit
6	Total Dissolved Solids	mg/lit.	168	APHA	--
7	Total Hardness (as CaCO ₃)	mg/lit.	59.2	APHA	--
8	Total Alkalinity (as CaCO ₃)	mg/lit.	44	APHA	--
9	Phenolphthalein Alkalinity	mg/lit.	BDL	APHA	--
10	Calcium (as Ca)	mg/lit.	23.6	APHA	--
11	Magnesium (as Mg)	mg/lit.	BDL	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.	5.8	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.	26	APHA	--
18	Sulphate (as SO ₄)	mg/lit.	2.7	APHA	--
19	Fluoride (as F ⁻)	mg/lit.	0.4	APHA	NMT 2.0 mg/lit
20	Nitrate (as NO ₃)	mg/lit.	0.5	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.	19.7	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.	PLWS/20130223012	Issue Date	March 20,2013		
Customer Name & Address	Pollution Control Committee, Daman.				
Customer Ref. No & Date	PCC/DDD projects/RW/2012-2013/127 Dated : 23/05/2012.				
Part A: SAMPLE PARTICULARS					
Sample Description	Daman Ganga River Water RW - A5				
Sample Quantity	5 Lit.	Packing	Plastic Carboy		
Sample Collection Date	23/02/2013	Sample Receipt Date	23/02/2013		
Analysis Start Date	24/02/2013	Analysis Completion Date	19/03/2013		
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.	6.4	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	Nil	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/20130223013	Issue Date	March 20,2013		
Customer Name & Address	Pollution Control Committee, Daman.				
Customer Ref. No & Date	PCC/DDD projects/RW/2012-2013/127 Dated : 23/05/2012.				
Part A: SAMPLE PARTICULARS					
Sample Description	Daman Ganga River Water RW – A6				
Sample Quantity	10 Lit.	Packing	Plastic Carboy		
Sample Collection Date	23/02/2013	Sample Receipt Date	23/02/2013		
Analysis Start Date	24/02/2013	Analysis Completion Date	19/03/2013		
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	ms/cm	2.6	APHA	--
2	Temperature	°C	30	APHA	--
3	Turbidity	NTU	0.8	APHA	--
4	pH	--	8.02	APHA	5.5-9.0
5	Total Suspended Solids	mg/lit.	18	APHA	NMT 100 mg/lit
6	Total Dissolved Solids	mg/lit.	1664	APHA	--
7	Total Hardness (as CaCO ₃)	mg/lit.	219	APHA	--
8	Total Alkalinity (as CaCO ₃)	mg/lit.	88	APHA	--
9	Phenolphthalein Alkalinity	mg/lit.	BDL	APHA	--
10	Calcium (as Ca)	mg/lit.	83	APHA	--
11	Magnesium (as Mg)	mg/lit.	2.3	APHA	--
12	Chemical Oxygen Demand	mg/lit.	21	APHA	NMT 250 mg/lit
13	Bio Chemical Oxygen Demand	mg/lit.	BDL	APHA	NMT 30 mg/lit
14	Dissolved Oxygen	mg/lit.	5.7	APHA	--
15	Total Kjeldahl Nitrogen	mg/lit.	BDL	APHA	NMT 100 mg/lit
16	Total Fixed Solids	mg/lit.	514	APHA	--
17	Chloride (as Cl ⁻)	mg/lit.	384	APHA	--
18	Sulphate (as SO ₄)	mg/lit.	745	APHA	--
19	Fluoride (as F ⁻)	mg/lit.	0.6	APHA	NMT 2.0 mg/lit
20	Nitrate (as NO ₃)	mg/lit.	3.4	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.	39.8	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../-

Recognitions

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TEST CERTIFICATE

Our Ref. No.	PLAWS/20130223013	Issue Date	March 20,2013
Customer Name & Address	Pollution Control Committee, Daman.		
Customer Ref. No & Date	PCC/DDD projects/RW/2012-2013/127 Dated : 23/05/2012.		

Part A: SAMPLE PARTICULARS

Sample Description	Daman Ganga River Water RW – A6		
Sample Quantity	10 Lit.	Packing	Plastic Carboy
Sample Collection Date	23/02/2013	Sample Receipt Date	23/02/2013
Analysis Start Date	24/02/2013	Analysis Completion Date	19/03/2013

Part B: SAMPLING DETAILS

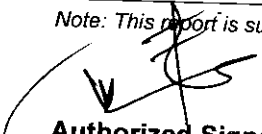
Sample Collection	Collected by Us.
Sampling Procedure	--
Sampling Location	Down Stream Near Namdha Village.
Any Other Information	--

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.	7.8	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	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	17	IS	0/100 ml
	Fecal Coliform	cfu/100ml	4	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.

Recognitions

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TEST CERTIFICATE

Our Ref. No.	PLWS/20130223014	Issue Date	March 20,2013		
Customer Name & Address	Pollution Control Committee, Daman.				
Customer Ref. No & Date	PCC/DDD projects/RW/2012-2013/127 Dated : 23/05/2012.				
Part A: SAMPLE PARTICULARS					
Sample Description	Daman Ganga River Water RW – A7				
Sample Quantity	10 Lit.	Packing	Plastic Carboy		
Sample Collection Date	23/02/2013	Sample Receipt Date	23/02/2013		
Analysis Start Date	24/02/2013	Analysis Completion Date	19/03/2013		
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	ms/cm	2.33	APHA	--
2	Temperature	°C	29	APHA	--
3	Turbidity	NTU	0.8	APHA	--
4	pH	--	7.84	APHA	5.5-9.0
5	Total Suspended Solids	mg/lit.	8	APHA	NMT 100 mg/lit
6	Total Dissolved Solids	mg/lit.	1496	APHA	--
7	Total Hardness (as CaCO ₃)	mg/lit.	299	APHA	--
8	Total Alkalinity (as CaCO ₃)	mg/lit.	88	APHA	--
9	Phenolphthalein Alkalinity	mg/lit.	BDL	APHA	--
10	Calcium (as Ca)	mg/lit.	102.4	APHA	--
11	Magnesium (as Mg)	mg/lit.	10.88	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.	5.2	APHA	--
15	Total Kjeldahl Nitrogen	mg/lit.	BDL	APHA	NMT 100 mg/lit
16	Total Fixed Solids	mg/lit.	254	APHA	--
17	Chloride (as Cl)	mg/lit.	371	APHA	--
18	Sulphate (as SO ₄)	mg/lit.	181.5	APHA	--
19	Fluoride (as F)	mg/lit.	0.7	APHA	NMT 2.0 mg/lit
20	Nitrate (as NO ₃)	mg/lit.	2.6	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.	121.4	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.	PLWS/20130223014	Issue Date	March 20,2013		
Customer Name & Address	Pollution Control Committee, Daman.				
Customer Ref. No & Date	PCC/DDD projects/RW/2012-2013/127 Dated : 23/05/2012.				
Part A: SAMPLE PARTICULARS					
Sample Description	Daman Ganga River Water RW – A7				
Sample Quantity	10 Lit.	Packing	Plastic Carboy		
Sample Collection Date	23/02/2013	Sample Receipt Date	23/02/2013		
Analysis Start Date	24/02/2013	Analysis Completion Date	19/03/2013		
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.	3.9	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/100ml	20	IS	0/100 ml
	Fecal Coliform	cfu/100ml	02	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/20130223015	Issue Date	March 20,2013		
Customer Name & Address	Pollution Control Committee, Daman.				
Customer Ref. No & Date	PCC/DDD projects/RW/2012-2013/127 Dated : 23/05/2012.				
Part A: SAMPLE PARTICULARS					
Sample Description	Daman Ganga River Water RW – A8				
Sample Quantity	10 Lit.	Packing	Plastic Carboy		
Sample Collection Date	23/02/2013	Sample Receipt Date	23/02/2013		
Analysis Start Date	24/02/2013	Analysis Completion Date	19/03/2013		
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	ms/cm	2.67	APHA	--
2	Temperature	°C	27	APHA	--
3	Turbidity	NTU	1.4	APHA	--
4	pH	--	7.98	APHA	5.5-9.0
5	Total Suspended Solids	mg/lit.	89	APHA	NMT 100 mg/lit
6	Total Dissolved Solids	mg/lit.	1709	APHA	--
7	Total Hardness (as CaCO ₃)	mg/lit.	178	APHA	--
8	Total Alkalinity (as CaCO ₃)	mg/lit.	125	APHA	--
9	Phenolphthalein Alkalinity	mg/lit.	22	APHA	--
10	Calcium (as Ca)	mg/lit.	114	APHA	--
11	Magnesium (as Mg)	mg/lit.	58	APHA	--
12	Chemical Oxygen Demand	mg/lit.	76	APHA	NMT 250 mg/lit
13	Bio Chemical Oxygen Demand	mg/lit.	12	APHA	NMT 30 mg/lit
14	Dissolved Oxygen	mg/lit.	4.4	APHA	--
15	Total Kjeldahl Nitrogen	mg/lit.	BDL	APHA	NMT 100 mg/lit
16	Total Fixed Solids	mg/lit.	645	APHA	--
17	Chloride (as Cl)	mg/lit.	1247	APHA	--
18	Sulphate (as SO ₄)	mg/lit.	112	APHA	--
19	Fluoride (as F)	mg/lit.	0.9	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.	0.48	APHA	NMT 5.0 mg/lit
23	Sodium (as Na)	mg/lit.	177.4	APHA	--
24	Ammonia (as NH ₃)	mg/lit.	5.2	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.	PLWS/20130223015	Issue Date	March 20, 2013		
Customer Name & Address	Pollution Control Committee, Daman.				
Customer Ref. No & Date	PCC/DDD projects/RW/2012-2013/127 Dated : 23/05/2012.				
Part A: SAMPLE PARTICULARS					
Sample Description	Daman Ganga River Water RW – A8				
Sample Quantity	10 Lit.	Packing	Plastic Carboy		
Sample Collection Date	23/02/2013	Sample Receipt Date	23/02/2013		
Analysis Start Date	24/02/2013	Analysis Completion Date	19/03/2013		
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.	3.2	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	Nil	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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AN ISO 9001:2008 CERTIFIED LABORATORY

TEST CERTIFICATE

Our Ref. No.	PLWS/20130223016	Issue Date	March 20,2013		
Customer Name & Address	Pollution Control Committee, Daman.				
Customer Ref. No & Date	PCC/DDD projects/RW/2012-2013/127 Dated : 23/05/2012.				
Part A: SAMPLE PARTICULARS					
Sample Description	Daman Ganga River Water RW – A9				
Sample Quantity	10 Lit.	Packing	Plastic Carboy		
Sample Collection Date	23/02/2013	Sample Receipt Date	23/02/2013		
Analysis Start Date	24/02/2013	Analysis Completion Date	19/03/2013		
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	ms/cm	38.39	APHA	--
2	Temperature	°C	30	APHA	--
3	Turbidity	NTU	0.6	APHA	--
4	pH	--	7.70	APHA	5.5-9.0
5	Total Suspended Solids	mg/lit.	77	APHA	NMT 100 mg/lit
6	Total Dissolved Solids	mg/lit.	24570	APHA	--
7	Total Hardness (as CaCO ₃)	Mg/lit.	3414	APHA	--
8	Total Alkalinity (as CaCO ₃)	mg/lit.	90	APHA	--
9	Phenolphthalein Alkalinity	mg/lit.	BDL	APHA	--
10	Calcium (as Ca)	mg/lit.	158	APHA	--
11	Magnesium (as Mg)	mg/lit.	734	APHA	--
12	Chemical Oxygen Demand	mg/lit.	576	APHA	NMT 250 mg/lit
13	Bio Chemical Oxygen Demand	mg/lit.	124	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.	9754	APHA	--
17	Chloride (as Cl)	mg/lit.	14327	APHA	--
18	Sulphate (as SO ₄)	mg/lit.	2315	APHA	--
19	Fluoride (as F)	mg/lit.	1.5	APHA	NMT 2.0 mg/lit
20	Nitrate (as NO ₃)	mg/lit.	6	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.	355.1	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.	BDL	APHA	0.3 mg/lit.

Contd../-

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TEST CERTIFICATE

Our Ref. No.	PLAWS/20130223016	Issue Date	March 20,2013		
Customer Name & Address	Pollution Control Committee, Daman.				
Customer Ref. No & Date	PCC/DDD projects/RW/2012-2013/127 Dated : 23/05/2012.				
Part A: SAMPLE PARTICULARS					
Sample Description	Daman Ganga River Water RW – A9				
Sample Quantity	10 Lit.	Packing	Plastic Carboy		
Sample Collection Date	23/02/2013	Sample Receipt Date	23/02/2013		
Analysis Start Date	24/02/2013	Analysis Completion Date	19/03/2013		
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.	7.2	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	25	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 REPORT

Report No.	UERL /Chem/13/01/093	Date Of Report	07/02/2013
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	29/01/2013	Sample Received Date	29/01/2013
Sampled By	P.C.C. Hand Over to Us.	Appearance Of Sample	Colourless
Test Started Date	29/01/2013	Test Completion Date	06/02/2013
UERL Lab Sample ID.No. Chem/13/01/093			

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	31
4.	Dissolve Oxygen	IS 3025(Part 38)1989, (APHA 21 st Ed.,2005,4500-O,B),	--	mg/L	7.2
5.	pH at 25 °C	IS 3025(Part 11)1983, (APHA 21 st Ed.,2005,4500-H ⁺ B)	6.5 - 8.5	Unit	7.37
6.	Conductivity	IS 3025(Part 14)1984	--	µs	192.6
7.	BOD (3 days at 27 °C)	IS 3025(Part 44)1993Amd.01	--	mg/L	BDL(<5.0)
8.	Nitrate as N	(APHA 21 st Ed.,2005,4500 NO ₃ -B)	45	mg/L	BDL(<0.01)
9.	Nitrite- N	APHA21 st Ed.2005,4500NO ₂ B	--	mg/L	BDL(<0.005)
10.	Arsenic	APHA21 st Ed.2005,3114-C	0.01	mg/L	BDL(<0.01)
11.	Cadmium	IS 3025(Part 41)1992, (APHA 21 st Ed.,2005,3111-B)	0.003	mg/L	BDL(<0.1)
12.	Copper	IS 3025(Part 42)1992amd.01, (APHA 21 st Ed.,2005,3111-B)	0.05	mg/L	0.02
13.	Lead	IS 3025(Part 47)1994Amd.02, (APHA 21 st Ed.,2005,3111-B)	0.01	mg/L	BDL(<1.0)
14.	Chromium	IS 3025(Part 52)2003, (APHA 21 st Ed.,2005,3111-B)	0.05	mg/L	0.21
15.	Nickel	IS 3025(Part 54)2003, (APHA 21 st Ed.,2005,3111-B)	0.02	mg/L	0.08
16.	Zinc	IS 3025(Part 49)1994, (APHA 21 st Ed.,2005,3111-B)	5	mg/L	BDL(<0.1)
17.	Mercury	(APHA 21 st Ed.,2005,3112-B)	0.001	mg/L	BDL(<0.1)
18.	Iron	IS 3025(Part 53)2003, (APHA 21 st Ed.,2005,3111-B)	0.3	mg/L	0.18
19.	*Cyanide	IS 3025(Part27)1986	0.05	mg/L	BDL
20.	Turbidity	IS 3025(Part 10)1984	1	NTU	0.1



TEST REPORT

Report No.	UERL /Chem/13/01/093	Date Of Report	07/02/2013
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	29/01/2013	Sample Received Date	29/01/2013
Sampled By	P.C.C. Hand Over to Us.	Appearance Of Sample	Colourless
Test Started Date	29/01/2013	Test Completion Date	06/02/2013
UERL Lab Sample ID No. Chem/13/01/093			

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	110
23.	Chloride	IS 3025(Part 32)1988 (APHA 21 st Ed.,2005,4500-Cl)	250	mg/L	8
24.	COD	IS 3025(Part 58)2006, (APHA 21 st Ed.,2005,5220-B),	--	mg/L	12
25.	TKN	APHA 21 st Ed.,2005,4500 NH ₃ - B	--	mg/L	BDL(<5.0)
26.	Ammonia as N	IS 3025(Part 34)1988, (APHA 21 st Ed.,2005,4500 NH ₃ -B&C),	0.5	mg/L	BDL(<5.0)
27.	Hardness	IS 3025(Part 21)2009, Amd.1	200	mg/L	74
28.	Calcium	APHA 21 st Ed.2005,3500 Ca.B)	75	mg/L	18
29.	Magnesium	APHA 21 st Ed.2005, 3500 Mg.B	30	mg/L	7
30.	Sulphate	IS 3025(Part 24)1986	200	mg/L	3
31.	Sodium	APHA 21 st Ed.2005,3500 Na,B	--	mg/L	7.1
32.	TDS (Total Dissolve Solids)	(APHA 21 st Ed.,2005,2540- C), IS 3025(Part 16)1984	500	mg/L	108
33.	*TFS (Total Fixed Solids)	IS 3025(Part 18)1984, Amd.1 (APHA 21 st Ed.2005,2540 -E),	--	mg/L	70
34.	TSS (Total Suspended Solids)	IS 3025(Part 17)1984, Amd.1 (APHA 21 st Ed.2005,2540 -D),	--	mg/L	44
35.	Phosphate	(APHA 21 st Ed.,2005,4500-P,D)	--	mg/L	BDL
36.	*Ortho phosphate	(APHA 21 st Ed.,2005,4500-P,D)	--	mg/L	BDL
37.	*Boron	--	0.5	mg/L	BDL
38.	Potassium	APHA 21 st Ed.2005,3500 K,B	--	mg/L	10.7
39.	Fluoride	(APHA 21 st Ed.,2005,4500 F.D)	1.0	mg/L	0.2
40.	* % Na	By Calculation	--	%	BDL(<10)
41.	*SAR	By Calculation	--	mg/L	2.01
42.	Total Alkalinity	IS 3025(Part 23)1986, Amd.2	200	mg/L	90
43.	P - Alkalinity	IS 3025(Part 23)1986, Amd.2	--	mg/L	BDL



TEST REPORT

Report No.	UERL /Chem/13/01/093	Date Of Report	07/02/2013
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 Lt.
Sampling Date	29/01/2013	Sample Received Date	29/01/2013
Sampled By	P.C.C. Hand Over to Us.	Appearance Of Sample	Colourless
Test Started Date	29/01/2013	Test Completion Date	06/02/2013
UERL Lab Sample ID.No. Chem/13/01/093			

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	Absent	ppb	Absent
48.	PP DDT	US EPA 508-1995	Absent	ppb	Absent
49.	Alpha Endosulphan	US EPA 508-1995	Absent	ppb	Absent
50.	Beta Endosulphan	US EPA 508-1995	Absent	ppb	Absent
51.	Dieldrin	US EPA 508-1995	Absent	ppb	Absent
52.	2-4 D	US EPA 508-1995	Absent	ppb	Absent
53.	Aldrin	US EPA 508-1995	Absent	ppb	Absent
54.	Chloropyrifhos.	US EPA 508-1995	Absent	ppb	Absent
55.	Carboryl (Carbamate)	US EPA 508-1995	Absent	ppb	Absent
56.	Methyl Parathin	US EPA 508-1995	Absent	ppb	Absent
57.	Anilophos	US EPA 508-1995	Absent	ppb	Absent
58.	Malathian	US EPA 508-1995	Absent	ppb	Absent

Note: "The tests marked with on *are not accredited by NABL."


BDL = Below Detection Limit, Colour = 1(10) = 10 Hazen Unit, Turbidity = 0.1= 2.2 NTU,

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

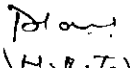
Note:

- 1) The results listed refer only to the Tested Sample and applicable parameters at the time of testing.
- 2) This Test Report shall not be reproduced except in full without approval by LABORATORY DIVISION M/S UNISTAR ENVIRONMENT & RESEARCH LABS PVT.LTD.
- 3) This analyst opinions or interpretations contained in the report are based upon material and information supplied by customer.
- 4) Perishable samples will not be retained for more than 15 days from the date of issue of test report and for others, retention period of tested samples one month only unless otherwise agreed with the customer or as required by the applicable regulation.

Tested By


 (N.P.P.)
 (Chemist)

Checked By


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

Authorized By


 (Technical Manager)

TEST REPORT
(Microbiology)

Report No.	MICRO/13/01/093	Date Of Report	07/02/2013
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	29/01/2013	Sample Received Date	29/01/2013
Sampled By	P.C.C. Hand Over to Us.	Appearance Of Sample	Colourless
Test Started Date	29/01/2013	Test Completion Date	01/02/2013
UERL Lab Sample ID.No. MIC/13/01/093			

TEST RESULTS:

Sr. No.	Parameters	Test Method	Limit as per IS:10500-1991	Unit Of Measurement	Results
1	Total Coliform	APHA 21 st Ed.2005,9222-B	Absent	CFU/100 ml	10
2	Faecal Coliform	APHA 21 st Ed.2005,9222-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)

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

Tested By

S. A. Rana
(Sneha A. Rana)
Microbiologist

Authorized By

Ranjan Maharaj
(Ranjan Maharaj)
Sr. Microbiologist



TEST REPORT

Report No.	UERL /Chem/13/01/094	Date Of Report	07/02/2013
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	29/01/2013	Sample Received Date	29/01/2013
Sampled By	P.C.C. Hand Over to Us.	Appearance Of Sample	Slightly yellow
Test Started Date	29/01/2013	Test Completion Date	06/02/2013
UERL Lab Sample ID.No. Chem/13/01/094			

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	31
4.	Dissolve Oxygen	IS 3025(Part 38)1989, (APHA 21 st Ed.,2005,4500-O,B)	--	mg/L	6.4
5.	pH at 25 °C	IS 3025(Part 11)1983, (APHA 21 st Ed.,2005,4500-H'B)	6.5 - 8.5	Unit	7.80
6.	Conductivity	IS 3025(Part 14)1984	--	µs	ADL
7.	BOD (3 days at 27 °C)	IS 3025(Part 44)1993Amd.01	--	mg/L	218
8.	Nitrate as N	(APHA 21 st Ed.,2005,4500 NO3-B)	45	mg/L	0.7
9.	Nitrite- N	APHA21 st Ed.2005,4500NO ₂ B	--	mg/L	0.065
10.	Arsenic	APHA21 st Ed.2005,3114-C	0.01	mg/L	BDL(<0.01)
11.	Cadmium	IS 3025(Part 41)1992, (APHA 21 st Ed.,2005,3111-B)	0.003	mg/L	0.1
12.	Copper	IS 3025(Part 42)1992amd.01, (APHA 21 st Ed.,2005,3111-B)	0.05	mg/L	0.08
13.	Lead	IS 3025(Part 47)1994Amd.02, (APHA 21 st Ed.,2005,3111-B)	0.01	mg/L	BDL(<1.0)
14.	Chromium	IS 3025(Part 52)2003, (APHA 21 st Ed.,2005,3111-B)	0.05	mg/L	0.89
15.	Nickel	IS 3025(Part 54)2003, (APHA 21 st Ed.,2005,3111-B)	0.02	mg/L	0.51
16.	Zinc	IS 3025(Part 49)1994, (APHA 21 st Ed.,2005,3111-B)	5	mg/L	0.12
17.	Mercury	(APHA 21 st Ed.,2005,3112-B)	0.001	mg/L	BDL(<0.1)
18.	Iron	IS 3025(Part 53)2003, (APHA 21 st Ed.,2005,3111-B)	0.3	mg/L	0.66
19.	*Cyanide	IS 3025(Part 27)1986	0.05	mg/L	BDL
20.	Turbidity	IS 3025(Part 10)1984	1	NTU	0.1

TEST REPORT

Report No.	UERL /Chem/13/01/094	Date Of Report	07/02/2013
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 Lt.
Sampling Date	29/01/2013	Sample Received Date	29/01/2013
Sampled By	P.C.C. Hand Over to Us.	Appearance Of Sample	Slightly yellow
Test Started Date	29/01/2013	Test Completion Date	06/02/2013
UERL Lab Sample ID.No. Chem/13/01/094			

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	30
22.	Bicarbonate as CaCO ₃	IS 3025(Part 51)2001	--	mg/L	122
23.	Chloride	IS 3025(Part 32)1988 (APHA 21 st Ed.,2005,4500-Cl)	250	mg/L	ADL
24.	COD	IS 3025(Part 58)2006, (APHA 21 st Ed.,2005,5220-B),	--	mg/L	715
25.	TKN	APHA 21 st Ed.,2005,4500 NH ₃ - B	--	mg/L	BDL(<5.0)
26.	Ammonia as N	IS 3025(Part 34)1988, (APHA 21 st Ed.,2005,4500 NH ₃ -B&C),	0.5	mg/L	BDL(<5.0)
27.	Hardness	IS 3025(Part 21)2009,Amd.1	200	mg/L	ADL
28.	Calcium	APHA21 st Ed.2005,3500 Ca.B)	75	mg/L	401
29.	Magnesium	APHA21 st Ed.2005, 3500 Mg.B	30	mg/L	ADL
30.	Sulphate	IS 3025(Part 24)1986	200	mg/L	2200
31.	Sodium	APHA 21 st Ed.2005,3500 Na,B (APHA 21 st Ed.2005,2540- C), IS 3025(Part 16)1984	--	mg/L	ADL
32.	TDS (Total Dissolve Solids)	IS 3025(Part 18)1984,Amd.1 (APHA 21 st Ed.2005,2540 -E),	500	mg/L	ADL
33.	*TFS (Total Fixed Solids)	IS 3025(Part 17)1984,Amd.1 (APHA 21 st Ed.2005,2540 -D),	--	mg/L	ADL
34.	TSS (Total Suspended Solids)	IS 3025(Part 17)1984,Amd.1 (APHA 21 st Ed.2005,2540 -D),	--	mg/L	28
35.	Phosphate	(APHA 21 st Ed.,2005,4500-P.D)	--	mg/L	0.1
36.	*Ortho phosphate	(APHA 21 st Ed.,2005,4500-P.D)	--	mg/L	BDL
37.	*Boron	--	0.5	mg/L	3.4
38.	Potassium	APHA 21 st Ed.2005,3500 K,B	--	mg/L	206
39.	Fluoride	(APHA 21 st Ed.,2005,4500 F.D)	1.0	mg/L	2.2
40.	* % Na	By Calculation	--	%	BDL(<10)
41.	*SAR	By Calculation	--	--	ADL
42.	Total Alkalinity	IS 3025(Part 23)1986, Amd.2	200	mg/L	150
43.	P - Alkalinity	IS 3025(Part 23)1986, Amd.2	--	mg/L	BDL



TEST REPORT

Report No.	UERL /Chem/13/01/094		Date Of Report	07/02/2013
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	29/01/2013	Sample Received Date	29/01/2013	
Sampled By	P.C.C. Hand Over to Us.	Appearance Of Sample	Slightly yellow	
Test Started Date	29/01/2013	Test Completion Date	06/02/2013	
UERL Lab Sample ID.No. Chem/13/01/094				

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	Absent	ppb	Absent
48.	PP DDT	US EPA 508-1995	Absent	ppb	Absent
49.	Alpha Endosulphan	US EPA 508-1995	Absent	ppb	Absent
50.	Beta Endosulphan	US EPA 508-1995	Absent	ppb	Absent
51.	Dieldrin	US EPA 508-1995	Absent	ppb	Absent
52.	2-4 D	US EPA 508-1995	Absent	ppb	Absent
53.	Aldrin	US EPA 508-1995	Absent	ppb	Absent
54.	Chloropyrifos.	US EPA 508-1995	Absent	ppb	Absent
55.	Carbaryl (Carbamate)	US EPA 508-1995	Absent	ppb	Absent
56.	Methyl Parathin	US EPA 508-1995	Absent	ppb	Absent
57.	ABDLophos	US EPA 508-1995	Absent	ppb	Absent
58.	Malathian	US EPA 508-1995	Absent	ppb	Absent

Note: "The tests marked with on *are not accredited by NABL."

BDL = Below Detection Limit, ADL= above detection Limit, Colour = 5(80) = 80 Hazen Unit, Turbidity = 0.1= 8.0 NTU.

Remark: Detection Limit of Sodium = 1 to 1,000 mg/L, SAR = 0.3 to 30, Conductivity = 0.001 to 20 mS/cm,

Chloride =0.15 to 5,000 mg/L, Hardness =0.50 to 5,000 mg/L, Magnesium= 5 to 1000 mg/L, TDS =5 to 20,000 mg/L,

TFS = 5 to 10,000 mg/L,

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

Note:

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Tested By

(N.P.P.)
(Chemist)

Checked By

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

Authorized By

(Technical Manager)

Page 3 of 3

TEST REPORT
(Microbiology)

Report No.	MICRO/13/01/094	Date Of Report	07/02/2013
Name & Address of Customer	M/s. Pollution Control Committee. U.T. of DD and DNH, Daman.		Station Code No.
			A8
Sample Details	River Water	Sample Qty.	5 Lit.
Sampling Date	29/01/2013	Sample Received Date	29/01/2013
Sampled By	P.C.C. Hand Over to Us.	Appearance Of Sample	Light Yellow
Test Started Date	29/01/2013	Test Completion Date	01/02/2013
UERL Lab Sample ID.No. MIC/13/01/094			

TEST RESULTS:

Sr. No.	Parameters	Test Method	Limit as per IS:10500-1991	Unit Of Measurement	Results
1	Total Coliform	APHA 21 st Ed.2005,9222-B	Absent	CFU/100 ml	12
2	Faecal Coliform	APHA 21 st Ed.2005,9222-D	Absent	CFU/100 ml	3

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

Opinions and Interpretations: (if required)

--

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

Tested By

S. A. Rana
(Sneha A. Rana)
Microbiologist

Authorized By

Ranjan
(Ranjan Maharaj)
Sr. Microbiologist