

TEST REPORT

REPORT NUMBER: EI/WW/0121/051**DATE OF REPORT: 05-02-2021****CLIENT NAME : POLLUTION CONTROL COMMITTEE,****Dadra and Nagar Haveli and Daman and Diu****ADDRESS : 1st Floor, Udyog Bhavan, Bhenslore, Daman- 396220,INDIA****SAMPLE DETAILS.**

Laboratory ID : EI/WW/0121/051	Date of Sampling : 28-01-2021
Sample Type : Surface Water	Date of Sample Receipt : 28-01-2021
Type of Sampling : Grab	Sample Condition : Good
Place of Sampling : D/s of Madhuban Dam	Quantity of Sample Received : 5 Liter
Description (GPS) : N 20°12'57", E 73°2'29"	Analysis Start Date : 28-01-2021
Sampling Protocol / Standard : IS3025 (Part 1):1987(R.A.2003)	Analysis End Date : 05-02-2021
Sampling Conducted By : Nimesh	Duration of Sampling : -

Sl. No	PARAMETER	UNIT	TEST METHOD	RESULTS
1.	Temperature	°C	APHA:2550 B 23 rd Edition (Page: 2-74)	27
2.	pH @ 25°C	pH	APHA:4500 H ⁺ B 23 rd Edition (Page: 4-13)	7.62
3.	Conductivity	µs/cm	IS:3025 (Part-14)	104
4.	Dissolve Oxygen	mg/L	IS:3025 (Part-38)	6.6
5.	Biological Oxygen Demand	mg/L	IS:3025 (Part-44)(3 Days at 27°C)	BDL(MDL:1.0)
6.	Nitrate as N	mg/L	IS:3025 (Part-44)	BDL(MDL:0.1)
7.	Ammonia as N	mg/L	APHA:4500 NH ₃ -B-C 23 rd Edition (Page: 4-114)	BDL(MDL:2.0)
8.	Chemical Oxygen Demand	mg/L	APHA:5220 B 23 rd Edition (Page: 5-18)	12.2
9.	Total Kjeldahl Nitrogen	mg/L	IS:3025 (Part-34)	BDL(MDL:2.0)
10.	Total Dissolve Solids	mg/L	APHA:2540 C 23 rd Edition (Page: 2-69)	152
11.	Total Fixed Solids	mg/L	IS:3025 (Part-18)	103
12.	Total Suspended Solids	mg/L	APHA:2540 B 23 rd Edition (Page: 2-70)	BDL(MDL:4.0)
13.	Turbidity	NTU	IS:3025 (Part-10)	0.1
14.	Hardness	mg/L	IS:3025 (Part-21)	78.1
15.	Fluoride	mg/L	IS:3025 (Part-60)	BDL(MDL:0.1)
16.	Boron	mg/L	IS:3025 (Part-57)	ND
17.	Chloride	mg/L	APHA:4500 Cl ⁻ B 23 rd Edition (Page: 4-75)	9.4
18.	Sulphate	mg/L	IS:3025 (Part-28)	3.9
19.	Total Alkalinity	mg/L	IS:3025 (Part-23)	89.5
20.	P-Alkalinity	mg/L	IS:3025 (Part-23)	BDL(MDL:4.0)
21.	Phosphate	mg/L	IS:3550 -1965	BDL(MDL:0.1)
22.	Sodium	mg/L	IS:3025 (Part-45)	21.3
23.	Potassium	mg/L	IS:3025 (Part-45)	BDL(MDL:1.0)
24.	Calcium	mg/L	IS:3025 (Part-40)	15.8
25.	Magnesium	mg/L	IS:3025 (Part-46)	5.9
26.	Arsenic	mg/L	IS:3025 (Part-37)	BDL(MDL:0.01)

27.	Nickel	mg/L	IS:3025 (Part-54)	BDL(MDL:0.02)
28.	Copper	mg/L	IS:3025 (Part-42)	BDL(MDL:0.05)
29.	Mercury	mg/L	IS:3025 (Part-48)	BDL(MDL:0.001)
30.	Chromium	mg/L	IS:3025 (Part-52)	BDL(MDL:0.05)
31.	Cadmium	mg/L	IS:3025 (Part-41)	BDL(MDL:0.003)
32.	Zinc	mg/L	IS:3025 (Part-49)	BDL(MDL:0.05)
33.	Lead	mg/L	IS:3025 (Part-47)	BDL(MDL:0.01)
34.	Iron	mg/L	IS:3025 (Part-53)	0.148
35.	Alpha BHC	ppb	USEPA 8081 A	BDL(MDL:0.01)
36.	Beta BHC	ppb	USEPA 8081 A	BDL(MDL:0.04)
37.	Gama BHC	ppb	USEPA 8081 A	BDL(MDL:2.0)
38.	OP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
39.	PP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
40.	Alpha Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
41.	Beta Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
42.	Dieldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
43.	2-4 D	ppb	USEPA 1699-2007	BDL(MDL:30.0)
44.	Aldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
45.	Chloropyriphos	ppb	USEPA 1699-2007	BDL(MDL:30.0)
46.	Carboryl (Carbamate)	ppb	USEPA 1699-2007	BDL(MDL:0.01)
47.	Methyl Parathin	ppb	USEPA 1699-2007	BDL(MDL:0.3)
48.	Anilophos	ppb	USEPA 1699-2007	BDL(MDL:0.01)
49.	Malathian	ppb	USEPA 8081 B	BDL(MDL:190.0)
50.	Total Coliform	MPN/ 100 ml	APHA:9221 B 23 rd Edition (Page: 9-69)	25
51.	Fecal Coliform	MPN/ 100 ml	APHA:9222 D 23 rd Edition (Page: 9-89)	6
52.	Fecal Streptococci	MPN/ 100 ml	IS:1622-1981 (R.A.-1996)	3

Statement of conformity:-

Remarks:

BDL: Below Detection Limit, MDL: Minimum Detection Limit

Mrs. Khushbu S. Gajjar
Technical Manager

Mr. Swastik R. Gajjar
Lab Manager(Q)

* End of Report *

- 1) The results relate only to the items tested.
- 2) This test report shall not be reproduced except in full, without approval of the laboratory can provide assurance that parts of a report are not taken out of context.

REPORT NUMBER: **EI/WW/0121/051**

DATE OF REPORT: **05-02-2021**

F/7.8/01/Issue No.01/Issue Date: 01-10-2018/ Amend No.:00 / Amend Date:-- / Page 2 of 2

TEST REPORT

REPORT NUMBER: EI/WW/0121/052**DATE OF REPORT: 05-02-2021****CLIENT NAME : POLLUTION CONTROL COMMITTEE,****Dadra and Nagar Haveli and Daman and Diu****ADDRESS : 1st Floor, Udyog Bhavan, Bhenslore, Daman- 396220,INDIA****SAMPLE DETAILS.**

Laboratory ID	: EI/WW/0121/052	Date of Sampling	: 28-01-2021
Sample Type	: Surface Water	Date of Sample Receipt	: 28-01-2021
Type of Sampling	: Grab	Sample Condition	: Good
Place of Sampling	: D/s of Naroli Bridge,Silvassa,DNH	Quantity of Sample Received	: 5 Liter
Description (GPS)	: N 20°16'7", E 72°59'21"	Analysis Start Date	: 28-01-2021
Sampling Protocol / Standard	: IS3025 (Part 1):1987(R.A.2003)	Analysis End Date	: 05-02-2021
Sampling Conducted By	: Nimesh	Duration of Sampling	: -

Sl. No	PARAMETER	UNIT	TEST METHOD	RESULTS
1.	Temperature	°C	APHA:2550 B 23 rd Edition (Page: 2-74)	27.5
2.	pH @ 25°C	pH	APHA:4500 H ⁺ B 23 rd Edition (Page: 4-13)	7.39
3.	Conductivity	µs/cm	IS:3025 (Part-14)	112
4.	Dissolve Oxygen	mg/L	IS:3025 (Part-38)	6.6
5.	Biological Oxygen Demand	mg/L	IS:3025 (Part-44)(3 Days at 27°C)	BDL(MDL:1.0)
6.	Nitrate as N	mg/L	IS:3025 (Part-44)	BDL(MDL:0.1)
7.	Ammonia as N	mg/L	APHA:4500 NH ₃ -B-C 23 rd Edition (Page: 4-114)	BDL(MDL:2.0)
8.	Chemical Oxygen Demand	mg/L	APHA:5220 B 23 rd Edition (Page: 5-18)	8.2
9.	Total Kjeldahl Nitrogen	mg/L	IS:3025 (Part-34)	BDL(MDL:2.0)
10.	Total Dissolve Solids	mg/L	APHA:2540 C 23 rd Edition (Page: 2-69)	167
11.	Total Fixed Solids	mg/L	IS:3025 (Part-18)	117
12.	Total Suspended Solids	mg/L	APHA:2540 B 23 rd Edition (Page: 2-70)	6
13.	Turbidity	NTU	IS:3025 (Part-10)	0.1
14.	Hardness	mg/L	IS:3025 (Part-21)	84.2
15.	Fluoride	mg/L	IS:3025 (Part-60)	BDL(MDL:0.1)
16.	Boron	mg/L	IS:3025 (Part-57)	ND
17.	Chloride	mg/L	APHA:4500 Cl ⁻ B 23 rd Edition (Page: 4-75)	8.2
18.	Sulphate	mg/L	IS:3025 (Part-28)	10.1
19.	Total Alkalinity	mg/L	IS:3025 (Part-23)	112.6
20.	P-Alkalinity	mg/L	IS:3025 (Part-23)	BDL(MDL:4.0)
21.	Phosphate	mg/L	IS:3550 -1965	BDL(MDL:0.1)
22.	Sodium	mg/L	IS:3025 (Part-45)	9.1
23.	Potassium	mg/L	IS:3025 (Part-45)	BDL(MDL:1.0)
24.	Calcium	mg/L	IS:3025 (Part-40)	16.9
25.	Magnesium	mg/L	IS:3025 (Part-46)	8.1

26.	Arsenic	mg/L	IS:3025 (Part-37)	BDL(MDL:0.01)
27.	Nickel	mg/L	IS:3025 (Part-54)	BDL(MDL:0.02)
28.	Copper	mg/L	IS:3025 (Part-42)	BDL(MDL:0.05)
29.	Mercury	mg/L	IS:3025 (Part-48)	BDL(MDL:0.001)
30.	Chromium	mg/L	IS:3025 (Part-52)	BDL(MDL:0.05)
31.	Cadmium	mg/L	IS:3025 (Part-41)	BDL(MDL:0.003)
32.	Zinc	mg/L	IS:3025 (Part-49)	BDL(MDL:0.05)
33.	Lead	mg/L	IS:3025 (Part-47)	BDL(MDL:0.01)
34.	Iron	mg/L	IS:3025 (Part-53)	0.174
35.	Alpha BHC	ppb	USEPA 8081 A	BDL(MDL:0.01)
36.	Beta BHC	ppb	USEPA 8081 A	BDL(MDL:0.04)
37.	Gama BHC	ppb	USEPA 8081 A	BDL(MDL:2.0)
38.	OP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
39.	PP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
40.	Alpha Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
41.	Beta Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
42.	Dieldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
43.	2-4 D	ppb	USEPA 1699-2007	BDL(MDL:30.0)
44.	Aldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
45.	Chloropyriphos	ppb	USEPA 1699-2007	BDL(MDL:30.0)
46.	Carboryl (Carbamate)	ppb	USEPA 1699-2007	BDL(MDL:0.01)
47.	Methyl Parathin	ppb	USEPA 1699-2007	BDL(MDL:0.3)
48.	Anilophos	ppb	USEPA 1699-2007	BDL(MDL:0.01)
49.	Malathian	ppb	USEPA 8081 B	BDL(MDL:190.0)
50.	Total Coliform	MPN/ 100 ml	APHA:9221 B 23 rd Edition (Page: 9-69)	38
51.	Fecal Coliform	MPN/ 100 ml	APHA:9222 D 23 rd Edition (Page: 9-89)	14
52.	Fecal Streptococci	MPN/ 100 ml	IS:1622-1981 (R.A.-1996)	4

Statement of conformity:-

Remarks:

BDL: Below Detection Limit, MDL: Minimum Detection Limit

Mrs. Khushbu S. Gajjar
Technical Manager

Mr. Swastik R. Gajjar
Lab Manager(Q)

* End of Report *

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DATE OF REPORT: **05-02-2021**

F/7.8/01/Issue No.01/Issue Date: 01-10-2018/ Amend No.:00 / Amend Date:-- / Page 2 of 2

TEST REPORT

REPORT NUMBER: EI/WW/0121/053**DATE OF REPORT: 05-02-2021****CLIENT NAME : POLLUTION CONTROL COMMITTEE,****Dadra and Nagar Haveli and Daman and Diu****ADDRESS : 1st Floor, Udyog Bhavan, Bhenslore, Daman- 396220,INDIA****SAMPLE DETAILS.**

Laboratory ID : EI/WW/0121/053	Date of Sampling : 28-01-2021
Sample Type : Surface Water	Date of Sample Receipt : 28-01-2021
Type of Sampling : Grab	Sample Condition : Good
Place of Sampling : At Lawacha Temple	Quantity of Sample Received : 5 Liter
Description (GPS) : N 20°18'33.2", E 72°57'35.9"	Analysis Start Date : 28-01-2021
Sampling Protocol / Standard : IS3025 (Part 1):1987(R.A.2003)	Analysis End Date : 05-02-2021
Sampling Conducted By : Nimesh	Duration of Sampling : -

Sl. No	PARAMETER	UNIT	TEST METHOD	RESULTS
1.	Temperature	°C	APHA:2550 B 23 rd Edition (Page: 2-74)	27.3
2.	pH @ 25°C	pH	APHA:4500 H ⁺ B 23 rd Edition (Page: 4-13)	8.64
3.	Conductivity	µs/cm	IS:3025 (Part-14)	137
4.	Dissolve Oxygen	mg/L	IS:3025 (Part-38)	6.4
5.	Biological Oxygen Demand	mg/L	IS:3025 (Part-44)(3 Days at 27°C)	BDL(MDL:1.0)
6.	Nitrate as N	mg/L	IS:3025 (Part-44)	BDL(MDL:0.1)
7.	Ammonia as N	mg/L	APHA:4500 NH ₃ -B-C 23 rd Edition (Page: 4-114)	BDL(MDL:2.0)
8.	Chemical Oxygen Demand	mg/L	APHA:5220 B 23 rd Edition (Page: 5-18)	4
9.	Total Kjeldahl Nitrogen	mg/L	IS:3025 (Part-34)	BDL(MDL:2.0)
10.	Total Dissolve Solids	mg/L	APHA:2540 C 23 rd Edition (Page: 2-69)	219
11.	Total Fixed Solids	mg/L	IS:3025 (Part-18)	127
12.	Total Suspended Solids	mg/L	APHA:2540 B 23 rd Edition (Page: 2-70)	BDL(MDL:4.0)
13.	Turbidity	NTU	IS:3025 (Part-10)	0.1
14.	Hardness	mg/L	IS:3025 (Part-21)	79.3
15.	Fluoride	mg/L	IS:3025 (Part-60)	0.06
16.	Boron	mg/L	IS:3025 (Part-57)	ND
17.	Chloride	mg/L	APHA:4500 Cl ⁻ B 23 rd Edition (Page: 4-75)	14.8
18.	Sulphate	mg/L	IS:3025 (Part-28)	10.2
19.	Total Alkalinity	mg/L	IS:3025 (Part-23)	118.4
20.	P-Alkalinity	mg/L	IS:3025 (Part-23)	BDL(MDL:4.0)
21.	Phosphate	mg/L	IS:3550 -1965	0.11
22.	Sodium	mg/L	IS:3025 (Part-45)	33.1
23.	Potassium	mg/L	IS:3025 (Part-45)	BDL(MDL:1.0)
24.	Calcium	mg/L	IS:3025 (Part-40)	19.7
25.	Magnesium	mg/L	IS:3025 (Part-46)	5.8
26.	Arsenic	mg/L	IS:3025 (Part-37)	BDL(MDL:0.01)

27.	Nickel	mg/L	IS:3025 (Part-54)	BDL(MDL:0.02)
28.	Copper	mg/L	IS:3025 (Part-42)	BDL(MDL:0.05)
29.	Mercury	mg/L	IS:3025 (Part-48)	BDL(MDL:0.001)
30.	Chromium	mg/L	IS:3025 (Part-52)	BDL(MDL:0.05)
31.	Cadmium	mg/L	IS:3025 (Part-41)	BDL(MDL:0.003)
32.	Zinc	mg/L	IS:3025 (Part-49)	BDL(MDL:0.05)
33.	Lead	mg/L	IS:3025 (Part-47)	BDL(MDL:0.01)
34.	Iron	mg/L	IS:3025 (Part-53)	0.198
35.	Alpha BHC	ppb	USEPA 8081 A	BDL(MDL:0.01)
36.	Beta BHC	ppb	USEPA 8081 A	BDL(MDL:0.04)
37.	Gama BHC	ppb	USEPA 8081 A	BDL(MDL:2.0)
38.	OP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
39.	PP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
40.	Alpha Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
41.	Beta Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
42.	Dieldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
43.	2-4 D	ppb	USEPA 1699-2007	BDL(MDL:30.0)
44.	Aldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
45.	Chloropyriphos	ppb	USEPA 1699-2007	BDL(MDL:30.0)
46.	Carboryl (Carbamate)	ppb	USEPA 1699-2007	BDL(MDL:0.01)
47.	Methyl Parathin	ppb	USEPA 1699-2007	BDL(MDL:0.3)
48.	Anilophos	ppb	USEPA 1699-2007	BDL(MDL:0.01)
49.	Malathian	ppb	USEPA 8081 B	BDL(MDL:190.0)
50.	Total Coliform	MPN/ 100 ml	APHA:9221 B 23 rd Edition (Page: 9-69)	89
51.	Fecal Coliform	MPN/ 100 ml	APHA:9222 D 23 rd Edition (Page: 9-89)	38
52.	Fecal Streptococci	MPN/ 100 ml	IS:1622-1981 (R.A.-1996)	12

Statement of conformity:-

Remarks:

BDL: Below Detection Limit, MDL: Minimum Detection Limit

Mrs. Khushbu S. Gajjar
Technical Manager

Mr. Swastik R. Gajjar
Lab Manager(Q)

* End of Report *

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F/7.8/01/Issue No.01/Issue Date: 01-10-2018/ Amend No.:00 / Amend Date:-- / Page 2 of 2

TEST REPORT

REPORT NUMBER: EI/WW/0121/054

DATE OF REPORT: 05-02-2021

CLIENT NAME : POLLUTION CONTROL COMMITTEE,

Dadra and Nagar Haveli and Daman and Diu

ADDRESS : 1st Floor, Udyog Bhavan, Bhenslore, Daman- 396220,INDIA

SAMPLE DETAILS.

Laboratory ID	: EI/WW/0121/054	Date of Sampling	: 28-01-2021
Sample Type	: Surface Water	Date of Sample Receipt	: 28-01-2021
Type of Sampling	: Grab	Sample Condition	: Good
Place of Sampling	: Near Surat Beverages, Dadra,DNH	Quantity of Sample Received	: 5 Liter
Description (GPS)	: N 20°18'33.2568", E72°57'35.8122"	Analysis Start Date	: 28-01-2021
Sampling Protocol / Standard	: IS3025 (Part 1):1987(R.A.2003)	Analysis End Date	: 05-02-2021
Sampling Conducted By	: Nimesh	Duration of Sampling	: -

Sl. No	PARAMETER	UNIT	TEST METHOD	RESULTS
1.	Temperature	°C	APHA:2550 B 23 rd Edition (Page: 2-74)	27.4
2.	pH @ 25°C	pH	APHA:4500 H ⁺ B 23 rd Edition (Page: 4-13)	7.16
3.	Conductivity	µs/cm	IS:3025 (Part-14)	192
4.	Dissolve Oxygen	mg/L	IS:3025 (Part-38)	6.4
5.	Biological Oxygen Demand	mg/L	IS:3025 (Part-44)(3 Days at 27°C)	BDL(MDL:1.0)
6.	Nitrate as N	mg/L	IS:3025 (Part-44)	BDL(MDL:0.1)
7.	Ammonia as N	mg/L	APHA:4500 NH ₃ -B-C 23 rd Edition (Page: 4-114)	BDL(MDL:2.0)
8.	Chemical Oxygen Demand	mg/L	APHA:5220 B 23 rd Edition (Page: 5-18)	6
9.	Total Kjeldahl Nitrogen	mg/L	IS:3025 (Part-34)	BDL(MDL:2.0)
10.	Total Dissolve Solids	mg/L	APHA:2540 C 23 rd Edition (Page: 2-69)	221
11.	Total Fixed Solids	mg/L	IS:3025 (Part-18)	143
12.	Total Suspended Solids	mg/L	APHA:2540 B 23 rd Edition (Page: 2-70)	8
13.	Turbidity	NTU	IS:3025 (Part-10)	0.1
14.	Hardness	mg/L	IS:3025 (Part-21)	116
15.	Fluoride	mg/L	IS:3025 (Part-60)	0.08
16.	Boron	mg/L	IS:3025 (Part-57)	ND
17.	Chloride	mg/L	APHA:4500 Cl ⁻ B 23 rd Edition (Page: 4-75)	21.4
18.	Sulphate	mg/L	IS:3025 (Part-28)	6.4
19.	Total Alkalinity	mg/L	IS:3025 (Part-23)	103.7
20.	P-Alkalinity	mg/L	IS:3025 (Part-23)	BDL(MDL:4.0)
21.	Phosphate	mg/L	IS:3550 -1965	0.14
22.	Sodium	mg/L	IS:3025 (Part-45)	23.7
23.	Potassium	mg/L	IS:3025 (Part-45)	BDL(MDL:1.0)
24.	Calcium	mg/L	IS:3025 (Part-40)	20.8
25.	Magnesium	mg/L	IS:3025 (Part-46)	9.2

26.	Arsenic	mg/L	IS:3025 (Part-37)	BDL(MDL:0.01)
27.	Nickel	mg/L	IS:3025 (Part-54)	BDL(MDL:0.02)
28.	Copper	mg/L	IS:3025 (Part-42)	BDL(MDL:0.05)
29.	Mercury	mg/L	IS:3025 (Part-48)	BDL(MDL:0.001)
30.	Chromium	mg/L	IS:3025 (Part-52)	BDL(MDL:0.05)
31.	Cadmium	mg/L	IS:3025 (Part-41)	BDL(MDL:0.003)
32.	Zinc	mg/L	IS:3025 (Part-49)	BDL(MDL:0.05)
33.	Lead	mg/L	IS:3025 (Part-47)	BDL(MDL:0.01)
34.	Iron	mg/L	IS:3025 (Part-53)	0.142
35.	Alpha BHC	ppb	USEPA 8081 A	BDL(MDL:0.01)
36.	Beta BHC	ppb	USEPA 8081 A	BDL(MDL:0.04)
37.	Gama BHC	ppb	USEPA 8081 A	BDL(MDL:2.0)
38.	OP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
39.	PP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
40.	Alpha Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
41.	Beta Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
42.	Dieldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
43.	2-4 D	ppb	USEPA 1699-2007	BDL(MDL:30.0)
44.	Aldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
45.	Chloropyriphos	ppb	USEPA 1699-2007	BDL(MDL:30.0)
46.	Carboryl (Carbamate)	ppb	USEPA 1699-2007	BDL(MDL:0.01)
47.	Methyl Parathin	ppb	USEPA 1699-2007	BDL(MDL:0.3)
48.	Anilophos	ppb	USEPA 1699-2007	BDL(MDL:0.01)
49.	Malathian	ppb	USEPA 8081 B	BDL(MDL:190.0)
50.	Total Coliform	MPN/ 100 ml	APHA:9221 B 23 rd Edition (Page: 9-69)	68
51.	Fecal Coliform	MPN/ 100 ml	APHA:9222 D 23 rd Edition (Page: 9-89)	18
52.	Fecal Streptococci	MPN/ 100 ml	IS:1622-1981 (R.A.-1996)	13

Statement of conformity:-

Remarks:

BDL: Below Detection Limit, MDL: Minimum Detection Limit

Mrs. Khushbu S. Gajjar
Technical Manager

Mr. Swastik R. Gajjar
Lab Manager(Q)

* End of Report *

- 1) The results relate only to the items tested.
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REPORT NUMBER: **EI/WW/0121/054**

DATE OF REPORT: **05-02-2021**

F/7.8/01/Issue No.01/Issue Date: 01-10-2018/ Amend No.:00 / Amend Date:-- / Page 2 of 2

TEST REPORT

REPORT NUMBER: EI/WW/0121/055**DATE OF REPORT: 05-02-2021****CLIENT NAME : POLLUTION CONTROL COMMITTEE,****Dadra and Nagar Haveli and Daman and Diu****ADDRESS : 1st Floor, Udyog Bhavan, Bhenslore, Daman- 396220,INDIA****SAMPLE DETAILS.**

Laboratory ID	: EI/WW/0121/055	Date of Sampling	: 28-01-2021
Sample Type	: Surface Water	Date of Sample Receipt	: 28-01-2021
Type of Sampling	: Grab	Sample Condition	: Good
Place of Sampling	: At Vapi Weir, Vapi	Quantity of Sample Received	: 5 Liter
Description (GPS)	: N 20°20'23.42", E 72°54'34.49"	Analysis Start Date	: 28-01-2021
Sampling Protocol / Standard	: IS3025 (Part 1):1987(R.A.2003)	Analysis End Date	: 05-02-2021
Sampling Conducted By	: Nimesh	Duration of Sampling	: -

Sl. No	PARAMETER	UNIT	TEST METHOD	RESULTS
1.	Temperature	°C	APHA:2550 B 23 rd Edition (Page: 2-74)	27.8
2.	pH @ 25°C	pH	APHA:4500 H ⁺ B 23 rd Edition (Page: 4-13)	8.33
3.	Conductivity	µs/cm	IS:3025 (Part-14)	149
4.	Dissolve Oxygen	mg/L	IS:3025 (Part-38)	5.9
5.	Biological Oxygen Demand	mg/L	IS:3025 (Part-44)(3 Days at 27°C)	BDL(MDL:1.0)
6.	Nitrate as N	mg/L	IS:3025 (Part-44)	0.4
7.	Ammonia as N	mg/L	APHA:4500 NH ₃ -B-C 23 rd Edition (Page: 4-114)	BDL(MDL:2.0)
8.	Chemical Oxygen Demand	mg/L	APHA:5220 B 23 rd Edition (Page: 5-18)	18.1
9.	Total Kjeldahl Nitrogen	mg/L	IS:3025 (Part-34)	BDL(MDL:2.0)
10.	Total Dissolve Solids	mg/L	APHA:2540 C 23 rd Edition (Page: 2-69)	231
11.	Total Fixed Solids	mg/L	IS:3025 (Part-18)	149
12.	Total Suspended Solids	mg/L	APHA:2540 B 23 rd Edition (Page: 2-70)	BDL(MDL:4.0)
13.	Turbidity	NTU	IS:3025 (Part-10)	0.1
14.	Hardness	mg/L	IS:3025 (Part-21)	93.5
15.	Fluoride	mg/L	IS:3025 (Part-60)	0.07
16.	Boron	mg/L	IS:3025 (Part-57)	ND
17.	Chloride	mg/L	APHA:4500 Cl ⁻ B 23 rd Edition (Page: 4-75)	19.8
18.	Sulphate	mg/L	IS:3025 (Part-28)	7.5
19.	Total Alkalinity	mg/L	IS:3025 (Part-23)	125.6
20.	P-Alkalinity	mg/L	IS:3025 (Part-23)	BDL(MDL:4.0)
21.	Phosphate	mg/L	IS:3550 -1965	0.21
22.	Sodium	mg/L	IS:3025 (Part-45)	32.4
23.	Potassium	mg/L	IS:3025 (Part-45)	1.1
24.	Calcium	mg/L	IS:3025 (Part-40)	21.5
25.	Magnesium	mg/L	IS:3025 (Part-46)	8.8
26.	Arsenic	mg/L	IS:3025 (Part-37)	BDL(MDL:0.01)

27.	Nickel	mg/L	IS:3025 (Part-54)	BDL(MDL:0.02)
28.	Copper	mg/L	IS:3025 (Part-42)	BDL(MDL:0.05)
29.	Mercury	mg/L	IS:3025 (Part-48)	BDL(MDL:0.001)
30.	Chromium	mg/L	IS:3025 (Part-52)	BDL(MDL:0.05)
31.	Cadmium	mg/L	IS:3025 (Part-41)	BDL(MDL:0.003)
32.	Zinc	mg/L	IS:3025 (Part-49)	BDL(MDL:0.05)
33.	Lead	mg/L	IS:3025 (Part-47)	BDL(MDL:0.01)
34.	Iron	mg/L	IS:3025 (Part-53)	0.143
35.	Alpha BHC	ppb	USEPA 8081 A	BDL(MDL:0.01)
36.	Beta BHC	ppb	USEPA 8081 A	BDL(MDL:0.04)
37.	Gama BHC	ppb	USEPA 8081 A	BDL(MDL:2.0)
38.	OP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
39.	PP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
40.	Alpha Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
41.	Beta Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
42.	Dieldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
43.	2-4 D	ppb	USEPA 1699-2007	BDL(MDL:30.0)
44.	Aldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
45.	Chloropyriphos	ppb	USEPA 1699-2007	BDL(MDL:30.0)
46.	Carboryl (Carbamate)	ppb	USEPA 1699-2007	BDL(MDL:0.01)
47.	Methyl Parathin	ppb	USEPA 1699-2007	BDL(MDL:0.3)
48.	Anilophos	ppb	USEPA 1699-2007	BDL(MDL:0.01)
49.	Malathian	ppb	USEPA 8081 B	BDL(MDL:190.0)
50.	Total Coliform	MPN/ 100 ml	APHA:9221 B 23 rd Edition (Page: 9-69)	538
51.	Fecal Coliform	MPN/ 100 ml	APHA:9222 D 23 rd Edition (Page: 9-89)	214
52.	Fecal Streptococci	MPN/ 100 ml	IS:1622-1981 (R.A.-1996)	47

Statement of conformity:-

Remarks:

BDL: Below Detection Limit, MDL: Minimum Detection Limit

Mrs. Khushbu S. Gajjar
Technical Manager

Mr. Swastik R. Gajjar
Lab Manager(Q)

* End of Report *

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REPORT NUMBER: **EI/WW/0121/055**

DATE OF REPORT: **05-02-2021**

F/7.8/01/Issue No.01/Issue Date: 01-10-2018/ Amend No.:00 / Amend Date:-- / Page 2 of 2

TEST REPORT

REPORT NUMBER: EI/WW/0121/056**DATE OF REPORT: 05-02-2021****CLIENT NAME : POLLUTION CONTROL COMMITTEE,****Dadra and Nagar Haveli and Daman and Diu****ADDRESS : 1st Floor, Udyog Bhavan, Bhenslore, Daman- 396220,INDIA****SAMPLE DETAILS.**

Laboratory ID : EI/WW/0121/056	Date of Sampling : 28-01-2021
Sample Type : Surface Water	Date of Sample Receipt : 28-01-2021
Type of Sampling : Grab	Sample Condition : Good
Place of Sampling : At Namdah Village	Quantity of Sample Received : 5 Liter
Description (GPS) : N 20°21'45.8", E 72°52'52.3"	Analysis Start Date : 28-01-2021
Sampling Protocol / Standard : IS3025 (Part 1):1987(R.A.2003)	Analysis End Date : 05-02-2021
Sampling Conducted By : Nimesh	Duration of Sampling : -

Sl. No	PARAMETER	UNIT	TEST METHOD	RESULTS
1.	Temperature	°C	APHA:2550 B 23 rd Edition (Page: 2-74)	28
2.	pH @ 25°C	pH	APHA:4500 H ⁺ B 23 rd Edition (Page: 4-13)	7.23
3.	Conductivity	µs/cm	IS:3025 (Part-14)	3060
4.	Dissolve Oxygen	mg/L	IS:3025 (Part-38)	4.7
5.	Biological Oxygen Demand	mg/L	IS:3025 (Part-44)(3 Days at 27°C)	2.7
6.	Nitrate as N	mg/L	IS:3025 (Part-44)	2.1
7.	Ammonia as N	mg/L	APHA:4500 NH ₃ -B-C 23 rd Edition (Page: 4-114)	2.7
8.	Chemical Oxygen Demand	mg/L	APHA:5220 B 23 rd Edition (Page: 5-18)	29.1
9.	Total Kjeldahl Nitrogen	mg/L	IS:3025 (Part-34)	15.2
10.	Total Dissolve Solids	mg/L	APHA:2540 C 23 rd Edition (Page: 2-69)	1989
11.	Total Fixed Solids	mg/L	IS:3025 (Part-18)	1462
12.	Total Suspended Solids	mg/L	APHA:2540 B 23 rd Edition (Page: 2-70)	29
13.	Turbidity	NTU	IS:3025 (Part-10)	1
14.	Hardness	mg/L	IS:3025 (Part-21)	664
15.	Fluoride	mg/L	IS:3025 (Part-60)	0.14
16.	Boron	mg/L	IS:3025 (Part-57)	0.34
17.	Chloride	mg/L	APHA:4500 Cl ⁻ B 23 rd Edition (Page: 4-75)	807.4
18.	Sulphate	mg/L	IS:3025 (Part-28)	421
19.	Total Alkalinity	mg/L	IS:3025 (Part-23)	149.5
20.	P-Alkalinity	mg/L	IS:3025 (Part-23)	BDL(MDL:4.0)
21.	Phosphate	mg/L	IS:3550 -1965	0.5
22.	Sodium	mg/L	IS:3025 (Part-45)	421.2
23.	Potassium	mg/L	IS:3025 (Part-45)	29.2
24.	Calcium	mg/L	IS:3025 (Part-40)	81.7
25.	Magnesium	mg/L	IS:3025 (Part-46)	77.5
26.	Arsenic	mg/L	IS:3025 (Part-37)	BDL(MDL:0.01)

27.	Nickel	mg/L	IS:3025 (Part-54)	0.057
28.	Copper	mg/L	IS:3025 (Part-42)	BDL(MDL:0.05)
29.	Mercury	mg/L	IS:3025 (Part-48)	BDL(MDL:0.001)
30.	Chromium	mg/L	IS:3025 (Part-52)	BDL(MDL:0.05)
31.	Cadmium	mg/L	IS:3025 (Part-41)	BDL(MDL:0.003)
32.	Zinc	mg/L	IS:3025 (Part-49)	BDL(MDL:0.05)
33.	Lead	mg/L	IS:3025 (Part-47)	BDL(MDL:0.01)
34.	Iron	mg/L	IS:3025 (Part-53)	0.789
35.	Alpha BHC	ppb	USEPA 8081 A	BDL(MDL:0.01)
36.	Beta BHC	ppb	USEPA 8081 A	BDL(MDL:0.04)
37.	Gama BHC	ppb	USEPA 8081 A	BDL(MDL:2.0)
38.	OP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
39.	PP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
40.	Alpha Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
41.	Beta Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
42.	Dieldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
43.	2-4 D	ppb	USEPA 1699-2007	BDL(MDL:30.0)
44.	Aldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
45.	Chloropyriphos	ppb	USEPA 1699-2007	BDL(MDL:30.0)
46.	Carboryl (Carbamate)	ppb	USEPA 1699-2007	BDL(MDL:0.01)
47.	Methyl Parathin	ppb	USEPA 1699-2007	BDL(MDL:0.3)
48.	Anilophos	ppb	USEPA 1699-2007	BDL(MDL:0.01)
49.	Malathian	ppb	USEPA 8081 B	BDL(MDL:190.0)
50.	Total Coliform	MPN/ 100 ml	APHA:9221 B 23 rd Edition (Page: 9-69)	>1600
51.	Fecal Coliform	MPN/ 100 ml	APHA:9222 D 23 rd Edition (Page: 9-89)	1600
52.	Fecal Streptococci	MPN/ 100 ml	IS:1622-1981 (R.A.-1996)	338

Statement of conformity:-

Remarks:

BDL: Below Detection Limit, MDL: Minimum Detection Limit

Mrs. Khushbu S. Gajjar
Technical Manager

Mr. Swastik R. Gajjar
Lab Manager(Q)

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REPORT NUMBER: **EI/WW/0121/056**

DATE OF REPORT: **05-02-2021**

F/7.8/01/Issue No.01/Issue Date: 01-10-2018/ Amend No.:00 / Amend Date:-- / Page 2 of 2

TEST REPORT

REPORT NUMBER: EI/WW/0121/057**DATE OF REPORT: 05-02-2021****CLIENT NAME : POLLUTION CONTROL COMMITTEE,****Dadra and Nagar Haveli and Daman and Diu****ADDRESS : 1st Floor, Udyog Bhavan, Bhenslore, Daman- 396220,INDIA****SAMPLE DETAILS.**

Laboratory ID	: EI/WW/0121/057	Date of Sampling	: 28-01-2021
Sample Type	: Surface Water	Date of Sample Receipt	: 28-01-2021
Type of Sampling	: Grab	Sample Condition	: Good
Place of Sampling	: At Zari Causeway, Kachigam	Quantity of Sample Received	: 5 Liter
Description (GPS)	: N 20°22'18.62", E 72°52'50.52"	Analysis Start Date	: 28-01-2021
Sampling Protocol / Standard	: IS3025 (Part 1):1987(R.A.2003)	Analysis End Date	: 05-02-2021
Sampling Conducted By	: Nimesh	Duration of Sampling	: -

Sl. No	PARAMETER	UNIT	TEST METHOD	RESULTS
1.	Temperature	°C	APHA:2550 B 23 rd Edition (Page: 2-74)	28.4
2.	pH @ 25°C	pH	APHA:4500 H ⁺ B 23 rd Edition (Page: 4-13)	7.37
3.	Conductivity	µs/cm	IS:3025 (Part-14)	7700
4.	Dissolve Oxygen	mg/L	IS:3025 (Part-38)	4.6
5.	Biological Oxygen Demand	mg/L	IS:3025 (Part-44)(3 Days at 27°C)	2.3
6.	Nitrate as N	mg/L	IS:3025 (Part-44)	1
7.	Ammonia as N	mg/L	APHA:4500 NH ₃ -B-C 23 rd Edition (Page: 4-114)	3.2
8.	Chemical Oxygen Demand	mg/L	APHA:5220 B 23 rd Edition (Page: 5-18)	25.3
9.	Total Kjeldahl Nitrogen	mg/L	IS:3025 (Part-34)	14.6
10.	Total Dissolve Solids	mg/L	APHA:2540 C 23 rd Edition (Page: 2-69)	5005
11.	Total Fixed Solids	mg/L	IS:3025 (Part-18)	3016
12.	Total Suspended Solids	mg/L	APHA:2540 B 23 rd Edition (Page: 2-70)	13
13.	Turbidity	NTU	IS:3025 (Part-10)	0.1
14.	Hardness	mg/L	IS:3025 (Part-21)	1123
15.	Fluoride	mg/L	IS:3025 (Part-60)	1.34
16.	Boron	mg/L	IS:3025 (Part-57)	0.39
17.	Chloride	mg/L	APHA:4500 Cl ⁻ B 23 rd Edition (Page: 4-75)	2045.6
18.	Sulphate	mg/L	IS:3025 (Part-28)	459
19.	Total Alkalinity	mg/L	IS:3025 (Part-23)	175.2
20.	P-Alkalinity	mg/L	IS:3025 (Part-23)	BDL(MDL:4.0)
21.	Phosphate	mg/L	IS:3550 -1965	1.1
22.	Sodium	mg/L	IS:3025 (Part-45)	1254
23.	Potassium	mg/L	IS:3025 (Part-45)	63
24.	Calcium	mg/L	IS:3025 (Part-40)	127.5
25.	Magnesium	mg/L	IS:3025 (Part-46)	138.4
26.	Arsenic	mg/L	IS:3025 (Part-37)	BDL(MDL:0.01)

27.	Nickel	mg/L	IS:3025 (Part-54)	0.084
28.	Copper	mg/L	IS:3025 (Part-42)	BDL(MDL:0.05)
29.	Mercury	mg/L	IS:3025 (Part-48)	BDL(MDL:0.001)
30.	Chromium	mg/L	IS:3025 (Part-52)	BDL(MDL:0.05)
31.	Cadmium	mg/L	IS:3025 (Part-41)	BDL(MDL:0.003)
32.	Zinc	mg/L	IS:3025 (Part-49)	0.057
33.	Lead	mg/L	IS:3025 (Part-47)	BDL(MDL:0.01)
34.	Iron	mg/L	IS:3025 (Part-53)	0.89
35.	Alpha BHC	ppb	USEPA 8081 A	BDL(MDL:0.01)
36.	Beta BHC	ppb	USEPA 8081 A	BDL(MDL:0.04)
37.	Gama BHC	ppb	USEPA 8081 A	BDL(MDL:2.0)
38.	OP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
39.	PP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
40.	Alpha Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
41.	Beta Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
42.	Dieldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
43.	2-4 D	ppb	USEPA 1699-2007	BDL(MDL:30.0)
44.	Aldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
45.	Chloropyriphos	ppb	USEPA 1699-2007	BDL(MDL:30.0)
46.	Carboryl (Carbamate)	ppb	USEPA 1699-2007	BDL(MDL:0.01)
47.	Methyl Parathin	ppb	USEPA 1699-2007	BDL(MDL:0.3)
48.	Anilophos	ppb	USEPA 1699-2007	BDL(MDL:0.01)
49.	Malathian	ppb	USEPA 8081 B	BDL(MDL:190.0)
50.	Total Coliform	MPN/ 100 ml	APHA:9221 B 23 rd Edition (Page: 9-69)	>1600
51.	Fecal Coliform	MPN/ 100 ml	APHA:9222 D 23 rd Edition (Page: 9-89)	1600
52.	Fecal Streptococci	MPN/ 100 ml	IS:1622-1981 (R.A.-1996)	228

Statement of conformity:-

Remarks:

BDL: Below Detection Limit, MDL: Minimum Detection Limit

Mrs. Khushbu S. Gajjar
Technical Manager

Mr. Swastik R. Gajjar
Lab Manager(Q)

* End of Report *

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REPORT NUMBER: **EI/WW/0121/057**

DATE OF REPORT: **05-02-2021**

F/7.8/01/Issue No.01/Issue Date: 01-10-2018/ Amend No.:00 / Amend Date:-- / Page 2 of 2

TEST REPORT

REPORT NUMBER: EI/WW/0121/058**DATE OF REPORT: 05-02-2021****CLIENT NAME : POLLUTION CONTROL COMMITTEE,****Dadra and Nagar Haveli and Daman and Diu****ADDRESS : 1st Floor, Udyog Bhavan, Bhenslore, Daman- 396220,INDIA****SAMPLE DETAILS.**

Laboratory ID	: EI/WW/0121/058	Date of Sampling	: 28-01-2021
Sample Type	: Surface Water	Date of Sample Receipt	: 28-01-2021
Type of Sampling	: Grab	Sample Condition	: Good
Place of Sampling	: At D/s of Discharge Point of Distillery	Quantity of Sample Received	: 5 Liter
Description (GPS)	: N 20°24'0.18", E 72°50'3.1884"	Analysis Start Date	: 28-01-2021
Sampling Protocol / Standard	: IS3025 (Part 1):1987(R.A.2003)	Analysis End Date	: 05-02-2021
Sampling Conducted By	: Nimesh	Duration of Sampling	: -

Sl. No	PARAMETER	UNIT	TEST METHOD	RESULTS
1.	Temperature	°C	APHA:2550 B 23 rd Edition (Page: 2-74)	28.5
2.	pH @ 25°C	pH	APHA:4500 H ⁺ B 23 rd Edition (Page: 4-13)	7.54
3.	Conductivity	µs/cm	IS:3025 (Part-14)	17000
4.	Dissolve Oxygen	mg/L	IS:3025 (Part-38)	4.8
5.	Biological Oxygen Demand	mg/L	IS:3025 (Part-44)(3 Days at 27°C)	2.8
6.	Nitrate as N	mg/L	IS:3025 (Part-44)	0.5
7.	Ammonia as N	mg/L	APHA:4500 NH ₃ -B-C 23 rd Edition (Page: 4-114)	5.1
8.	Chemical Oxygen Demand	mg/L	APHA:5220 B 23 rd Edition (Page: 5-18)	28.1
9.	Total Kjeldahl Nitrogen	mg/L	IS:3025 (Part-34)	6.1
10.	Total Dissolve Solids	mg/L	APHA:2540 C 23 rd Edition (Page: 2-69)	18050
11.	Total Fixed Solids	mg/L	IS:3025 (Part-18)	11945
12.	Total Suspended Solids	mg/L	APHA:2540 B 23 rd Edition (Page: 2-70)	41
13.	Turbidity	NTU	IS:3025 (Part-10)	1
14.	Hardness	mg/L	IS:3025 (Part-21)	3700
15.	Fluoride	mg/L	IS:3025 (Part-60)	1.7
16.	Boron	mg/L	IS:3025 (Part-57)	1.13
17.	Chloride	mg/L	APHA:4500 Cl ⁻ B 23 rd Edition (Page: 4-75)	9874.4
18.	Sulphate	mg/L	IS:3025 (Part-28)	1868
19.	Total Alkalinity	mg/L	IS:3025 (Part-23)	189.7
20.	P-Alkalinity	mg/L	IS:3025 (Part-23)	BDL(MDL:4.0)
21.	Phosphate	mg/L	IS:3550 -1965	0.5
22.	Sodium	mg/L	IS:3025 (Part-45)	5217.8
23.	Potassium	mg/L	IS:3025 (Part-45)	237

24.	Calcium	mg/L	IS:3025 (Part-40)	376.2
25.	Magnesium	mg/L	IS:3025 (Part-46)	726.14
26.	Arsenic	mg/L	IS:3025 (Part-37)	BDL(MDL:0.01)
27.	Nickel	mg/L	IS:3025 (Part-54)	0.342
28.	Copper	mg/L	IS:3025 (Part-42)	BDL(MDL:0.05)
29.	Mercury	mg/L	IS:3025 (Part-48)	BDL(MDL:0.001)
30.	Chromium	mg/L	IS:3025 (Part-52)	0.056
31.	Cadmium	mg/L	IS:3025 (Part-41)	0.178
32.	Zinc	mg/L	IS:3025 (Part-49)	0.135
33.	Lead	mg/L	IS:3025 (Part-47)	BDL(MDL:0.01)
34.	Iron	mg/L	IS:3025 (Part-53)	0.914
35.	Alpha BHC	ppb	USEPA 8081 A	BDL(MDL:0.01)
36.	Beta BHC	ppb	USEPA 8081 A	BDL(MDL:0.04)
37.	Gama BHC	ppb	USEPA 8081 A	BDL(MDL:2.0)
38.	OP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
39.	PP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
40.	Alpha Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
41.	Beta Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
42.	Dieldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
43.	2-4 D	ppb	USEPA 1699-2007	BDL(MDL:30.0)
44.	Aldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
45.	Chloropyriphos	ppb	USEPA 1699-2007	BDL(MDL:30.0)
46.	Carboryl (Carbamate)	ppb	USEPA 1699-2007	BDL(MDL:0.01)
47.	Methyl Parathin	ppb	USEPA 1699-2007	BDL(MDL:0.3)
48.	Anilophos	ppb	USEPA 1699-2007	BDL(MDL:0.01)
49.	Malathian	ppb	USEPA 8081 B	BDL(MDL:190.0)
50.	Total Coliform	MPN/ 100 ml	APHA:9221 B 23 rd Edition (Page: 9-69)	427
51.	Fecal Coliform	MPN/ 100 ml	APHA:9222 D 23 rd Edition (Page: 9-89)	110
52.	Fecal Streptococci	MPN/ 100 ml	IS:1622-1981 (R.A.-1996)	31

Statement of conformity:-

Remarks: .

BDL: Below Detection Limit, MDL: Minimum Detection Limit

Mrs. Khushbu S. Gajjar
Technical Manager

Mr. Swastik R. Gajjar
Lab Manager(Q)

* End of Report *

- 1) The results relate only to the items tested.
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REPORT NUMBER: **EI/WW/0121/058**

DATE OF REPORT: **05-02-2021**

F/7.8/01/Issue No.01/Issue Date: 01-10-2018/ Amend No.:00 / Amend Date:-- / Page 2 of 2

TEST REPORT

REPORT NUMBER: EI/WW/0121/059**DATE OF REPORT: 05-02-2021****CLIENT NAME : POLLUTION CONTROL COMMITTEE,****Dadra and Nagar Haveli and Daman and Diu****ADDRESS : 1st Floor, Udyog Bhavan, Bhenslore, Daman- 396220,INDIA****SAMPLE DETAILS.**

Laboratory ID : EI/WW/0121/059	Date of Sampling : 28-01-2021
Sample Type : Surface Water	Date of Sample Receipt : 28-01-2021
Type of Sampling : Grab	Sample Condition : Good
Place of Sampling : At Moti Daman Jetty	Quantity of Sample Received : 5 Liter
Description(GPS) : N 20°24'40.18", E 72°50'3.19"	Analysis Start Date : 28-01-2021
Sampling Protocol / Standard : IS3025 (Part 1):1987(R.A.2003)	Analysis End Date : 05-02-2021
Sampling Conducted By : Nimesh	Duration of Sampling : -

Sl. No	PARAMETER	UNIT	TEST METHOD	RESULTS
1.	Temperature	°C	APHA:2550 B 23 rd Edition (Page: 2-74)	28.1
2.	pH @ 25°C	pH	APHA:4500 H ⁺ B 23 rd Edition (Page: 4-13)	7.65
3.	Conductivity	µs/cm	IS:3025 (Part-14)	22300
4.	Dissolve Oxygen	mg/L	IS:3025 (Part-38)	2.7
5.	Biological Oxygen Demand	mg/L	IS:3025 (Part-44)(3 Days at 27°C)	2.7
6.	Nitrate as N	mg/L	IS:3025 (Part-44)	0.5
7.	Ammonia as N	mg/L	APHA:4500 NH ₃ -B-C 23 rd Edition (Page: 4-114)	2.9
8.	Chemical Oxygen Demand	mg/L	APHA:5220 B 23 rd Edition (Page: 5-18)	22.6
9.	Total Kjeldahl Nitrogen	mg/L	IS:3025 (Part-34)	9.8
10.	Total Dissolve Solids	mg/L	APHA:2540 C 23 rd Edition (Page: 2-69)	21495
11.	Total Fixed Solids	mg/L	IS:3025 (Part-18)	15087
12.	Total Suspended Solids	mg/L	APHA:2540 B 23 rd Edition (Page: 2-70)	51
13.	Turbidity	NTU	IS:3025 (Part-10)	5
14.	Hardness	mg/L	IS:3025 (Part-21)	4968
15.	Fluoride	mg/L	IS:3025 (Part-60)	0.35
16.	Boron	mg/L	IS:3025 (Part-57)	0.32
17.	Chloride	mg/L	APHA:4500 Cl ⁻ B 23 rd Edition (Page: 4-75)	11404.5
18.	Sulphate	mg/L	IS:3025 (Part-28)	1898
19.	Total Alkalinity	mg/L	IS:3025 (Part-23)	184.6
20.	P-Alkalinity	mg/L	IS:3025 (Part-23)	BDL(MDL:4.0)
21.	Phosphate	mg/L	IS:3550 -1965	1
22.	Sodium	mg/L	IS:3025 (Part-45)	5623.4

23.	Potassium	mg/L	IS:3025 (Part-45)	276
24.	Calcium	mg/L	IS:3025 (Part-40)	198.3
25.	Magnesium	mg/L	IS:3025 (Part-46)	987.4
26.	Arsenic	mg/L	IS:3025 (Part-37)	BDL(MDL:0.01)
27.	Nickel	mg/L	IS:3025 (Part-54)	0.439
28.	Copper	mg/L	IS:3025 (Part-42)	0.05
29.	Mercury	mg/L	IS:3025 (Part-48)	BDL(MDL:0.001)
30.	Chromium	mg/L	IS:3025 (Part-52)	0.073
31.	Cadmium	mg/L	IS:3025 (Part-41)	0.239
32.	Zinc	mg/L	IS:3025 (Part-49)	0.163
33.	Lead	mg/L	IS:3025 (Part-47)	BDL(MDL:0.01)
34.	Iron	mg/L	IS:3025 (Part-53)	0.857
35.	Alpha BHC	ppb	USEPA 8081 A	BDL(MDL:0.01)
36.	Beta BHC	ppb	USEPA 8081 A	BDL(MDL:0.04)
37.	Gama BHC	ppb	USEPA 8081 A	BDL(MDL:2.0)
38.	OP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
39.	PP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
40.	Alpha Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
41.	Beta Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
42.	Dieldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
43.	2-4 D	ppb	USEPA 1699-2007	BDL(MDL:30.0)
44.	Aldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
45.	Chloropyriphos	ppb	USEPA 1699-2007	BDL(MDL:30.0)
46.	Carboryl (Carbamate)	ppb	USEPA 1699-2007	BDL(MDL:0.01)
47.	Methyl Parathin	ppb	USEPA 1699-2007	BDL(MDL:0.3)
48.	Anilophos	ppb	USEPA 1699-2007	BDL(MDL:0.01)
49.	Malathian	ppb	USEPA 8081 B	BDL(MDL:190.0)
50.	Total Coliform	MPN/ 100 ml	APHA:9221 B 23 rd Edition (Page: 9-69)	346
51.	Fecal Coliform	MPN/ 100 ml	APHA:9222 D 23 rd Edition (Page: 9-89)	38
52.	Fecal Streptococci	MPN/ 100 ml	IS:1622-1981 (R.A.-1996)	26

Statement of conformity:-

Remarks:

BDL: Below Detection Limit, MDL: Minimum Detection Limit

Mrs. Khushbu S. Gajjar
Technical Manager

Mr. Swastik R. Gajjar
Lab Manager(Q)

* End of Report *

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REPORT NUMBER: **EI/WW/0121/059**

DATE OF REPORT: **05-02-2021**

F/7.8/01/Issue No.01/Issue Date: 01-10-2018/ Amend No.:00 / Amend Date:-- / Page 2 of 2

TEST REPORT

REPORT NUMBER: EI/WW/0121/060

DATE OF REPORT: 05-02-2021

CLIENT NAME : POLLUTION CONTROL COMMITTEE,

Dadra and Nagar Haveli and Daman and Diu

ADDRESS : 1st Floor, Udyog Bhavan, Bhenslore, Daman- 396220,INDIA

SAMPLE DETAILS.

Laboratory ID	: EI/WW/0121/060	Date of Sampling	: 28-01-2021
Sample Type	: Surface Water	Date of Sample Receipt	: 28-01-2021
Type of Sampling	: Grab	Sample Condition	: Good
Place of Sampling	: Outlet of CETP, Vapi	Quantity of Sample Received	: 5 Liter
Description (GPS)	: N 20°20'34.62", E72°54'20.38"	Analysis Start Date	: 28-01-2021
Sampling Protocol / Standard	: IS3025 (Part 1):1987(R.A.2003)	Analysis End Date	: 05-02-2021
Sampling Conducted By	: Nimesh	Duration of Sampling	: -

Sl. No	PARAMETER	UNIT	TEST METHOD	RESULTS
1.	Temperature	°C	APHA:2550 B 23 rd Edition (Page: 2-74)	28.3
2.	pH @ 25°C	pH	APHA:4500 H ⁺ B 23 rd Edition (Page: 4-13)	7.05
3.	Conductivity	µs/cm	IS:3025 (Part-14)	5290
4.	Dissolve Oxygen	mg/L	IS:3025 (Part-38)	3.2
5.	Biological Oxygen Demand	mg/L	IS:3025 (Part-44)(3 Days at 27°C)	31
6.	Nitrate as N	mg/L	IS:3025 (Part-44)	2
7.	Ammonia as N	mg/L	APHA:4500 NH ₃ -B-C 23 rd Edition (Page: 4-114)	34.1
8.	Chemical Oxygen Demand	mg/L	APHA:5220 B 23 rd Edition (Page: 5-18)	239
9.	Total Kjeldahl Nitrogen	mg/L	IS:3025 (Part-34)	35.4
10.	Total Dissolve Solids	mg/L	APHA:2540 C 23 rd Edition (Page: 2-69)	7238
11.	Total Fixed Solids	mg/L	IS:3025 (Part-18)	5164
12.	Total Suspended Solids	mg/L	APHA:2540 B 23 rd Edition (Page: 2-70)	21
13.	Turbidity	NTU	IS:3025 (Part-10)	1
14.	Hardness	mg/L	IS:3025 (Part-21)	2520
15.	Fluoride	mg/L	IS:3025 (Part-60)	0.91
16.	Boron	mg/L	IS:3025 (Part-57)	0.47
17.	Chloride	mg/L	APHA:4500 Cl ⁻ B 23 rd Edition (Page: 4-75)	2411.4
18.	Sulphate	mg/L	IS:3025 (Part-28)	921
19.	Total Alkalinity	mg/L	IS:3025 (Part-23)	224
20.	P-Alkalinity	mg/L	IS:3025 (Part-23)	BDL(MDL:4.0)
21.	Phosphate	mg/L	IS:3550 -1965	1
22.	Sodium	mg/L	IS:3025 (Part-45)	1235.7
23.	Potassium	mg/L	IS:3025 (Part-45)	48
24.	Calcium	mg/L	IS:3025 (Part-40)	645.7

25.	Magnesium	mg/L	IS:3025 (Part-46)	148.4
26.	Arsenic	mg/L	IS:3025 (Part-37)	BDL(MDL:0.01)
27.	Nickel	mg/L	IS:3025 (Part-54)	0.238
28.	Copper	mg/L	IS:3025 (Part-42)	0.133
29.	Mercury	mg/L	IS:3025 (Part-48)	BDL(MDL:0.001)
30.	Chromium	mg/L	IS:3025 (Part-52)	0.149
31.	Cadmium	mg/L	IS:3025 (Part-41)	0.088
32.	Zinc	mg/L	IS:3025 (Part-49)	0.702
33.	Lead	mg/L	IS:3025 (Part-47)	BDL(MDL:0.01)
34.	Iron	mg/L	IS:3025 (Part-53)	2.798
35.	Alpha BHC	ppb	USEPA 8081 A	BDL(MDL:0.01)
36.	Beta BHC	ppb	USEPA 8081 A	BDL(MDL:0.04)
37.	Gama BHC	ppb	USEPA 8081 A	BDL(MDL:2.0)
38.	OP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
39.	PP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
40.	Alpha Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
41.	Beta Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
42.	Dieldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
43.	2-4 D	ppb	USEPA 1699-2007	BDL(MDL:30.0)
44.	Aldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
45.	Chloropyriphos	ppb	USEPA 1699-2007	BDL(MDL:30.0)
46.	Carboryl (Carbamate)	ppb	USEPA 1699-2007	BDL(MDL:0.01)
47.	Methyl Parathin	ppb	USEPA 1699-2007	BDL(MDL:0.3)
48.	Anilophos	ppb	USEPA 1699-2007	BDL(MDL:0.01)
49.	Malathian	ppb	USEPA 8081 B	BDL(MDL:190.0)
50.	Total Coliform	MPN/ 100 ml	APHA:9221 B 23 rd Edition (Page: 9-69)	>1600
51.	Fecal Coliform	MPN/ 100 ml	APHA:9222 D 23 rd Edition (Page: 9-89)	1600
52.	Fecal Streptococci	MPN/ 100 ml	IS:1622-1981 (R.A.-1996)	400

Statement of conformity:-

Remarks:

BDL: Below Detection Limit, MDL: Minimum Detection Limit

Mrs. Khushbu S. Gajjar
Technical Manager

Mr. Swastik R. Gajjar
Lab Manager(Q)

* End of Report *

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REPORT NUMBER: **EI/WW/0121/060**

DATE OF REPORT: **05-02-2021**

F/7.8/01/Issue No.01/Issue Date: 01-10-2018/ Amend No.:00 / Amend Date:-- / Page 2 of 2

TEST REPORT

REPORT NUMBER: EI/WW/0121/061**DATE OF REPORT: 05-02-2021****CLIENT NAME : POLLUTION CONTROL COMMITTEE,****Dadra and Nagar Haveli and Daman and Diu****ADDRESS : 1st Floor, Udyog Bhavan, Bhenslore, Daman- 396220,INDIA****SAMPLE DETAILS.**

Laboratory ID : EI/WW/0121/061	Date of Sampling : 28-01-2021
Sample Type : Surface Water	Date of Sample Receipt : 28-01-2021
Type of Sampling : Grab	Sample Condition : Good
Place of Sampling : Outlet of GHCL, Bhilad	Quantity of Sample Received : 5 Liter
Description (GPS) : N 20°17'35.81", E72°53'49.31"	Analysis Start Date : 28-01-2021
Sampling Protocol / Standard : IS3025 (Part 1):1987(R.A.2003)	Analysis End Date : 05-02-2021
Sampling Conducted By : Nimesh	Duration of Sampling : -

Sl. No	PARAMETER	UNIT	TEST METHOD	RESULTS
1.	Temperature	°C	APHA:2550 B 23 rd Edition (Page: 2-74)	28.8
2.	pH @ 25°C	pH	APHA:4500 H ⁺ B 23 rd Edition (Page: 4-13)	7.51
3.	Conductivity	µs/cm	IS:3025 (Part-14)	1930
4.	Dissolve Oxygen	mg/L	IS:3025 (Part-38)	2.9
5.	Biological Oxygen Demand	mg/L	IS:3025 (Part-44)(3 Days at 27°C)	41
6.	Nitrate as N	mg/L	IS:3025 (Part-44)	4.3
7.	Ammonia as N	mg/L	APHA:4500 NH ₃ -B-C 23 rd Edition (Page: 4-114)	3.7
8.	Chemical Oxygen Demand	mg/L	APHA:5220 B 23 rd Edition (Page: 5-18)	227.1
9.	Total Kjeldahl Nitrogen	mg/L	IS:3025 (Part-34)	17.1
10.	Total Dissolve Solids	mg/L	APHA:2540 C 23 rd Edition (Page: 2-69)	2254
11.	Total Fixed Solids	mg/L	IS:3025 (Part-18)	1398
12.	Total Suspended Solids	mg/L	APHA:2540 B 23 rd Edition (Page: 2-70)	88
13.	Turbidity	NTU	IS:3025 (Part-10)	5
14.	Hardness	mg/L	IS:3025 (Part-21)	312
15.	Fluoride	mg/L	IS:3025 (Part-60)	0.45
16.	Boron	mg/L	IS:3025 (Part-57)	ND
17.	Chloride	mg/L	APHA:4500 Cl ⁻ B 23 rd Edition (Page: 4-75)	428.9
18.	Sulphate	mg/L	IS:3025 (Part-28)	212
19.	Total Alkalinity	mg/L	IS:3025 (Part-23)	236.4
20.	P-Alkalinity	mg/L	IS:3025 (Part-23)	BDL(MDL:4.0)
21.	Phosphate	mg/L	IS:3550 -1965	1.1
22.	Sodium	mg/L	IS:3025 (Part-45)	526.9
23.	Potassium	mg/L	IS:3025 (Part-45)	39.6
24.	Calcium	mg/L	IS:3025 (Part-40)	54.5
25.	Magnesium	mg/L	IS:3025 (Part-46)	29.4
26.	Arsenic	mg/L	IS:3025 (Part-37)	BDL(MDL:0.01)

27.	Nickel	mg/L	IS:3025 (Part-54)	0.024
28.	Copper	mg/L	IS:3025 (Part-42)	0.054
29.	Mercury	mg/L	IS:3025 (Part-48)	BDL(MDL:0.001)
30.	Chromium	mg/L	IS:3025 (Part-52)	0.089
31.	Cadmium	mg/L	IS:3025 (Part-41)	0.005
32.	Zinc	mg/L	IS:3025 (Part-49)	0.521
33.	Iron	mg/L	IS:3025 (Part-53)	BDL(MDL:0.01)
34.	Lead	mg/L	IS:3025 (Part-47)	2.51
35.	Alpha BHC	ppb	USEPA 8081 A	BDL(MDL:0.01)
36.	Beta BHC	ppb	USEPA 8081 A	BDL(MDL:0.04)
37.	Gama BHC	ppb	USEPA 8081 A	BDL(MDL:2.0)
38.	OP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
39.	PP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
40.	Alpha Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
41.	Beta Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
42.	Dieldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
43.	2-4 D	ppb	USEPA 1699-2007	BDL(MDL:30.0)
44.	Aldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
45.	Chloropyriphos	ppb	USEPA 1699-2007	BDL(MDL:30.0)
46.	Carboryl (Carbamate)	ppb	USEPA 1699-2007	BDL(MDL:0.01)
47.	Methyl Parathin	ppb	USEPA 1699-2007	BDL(MDL:0.3)
48.	Anilophos	ppb	USEPA 1699-2007	BDL(MDL:0.01)
49.	Malathian	ppb	USEPA 8081 B	BDL(MDL:190.0)
50.	Total Coliform	MPN/ 100 ml	APHA:9221 B 23 rd Edition (Page: 9-69)	>1600
51.	Fecal Coliform	MPN/ 100 ml	APHA:9222 D 23 rd Edition (Page: 9-89)	1600
52.	Fecal Streptococci	MPN/ 100 ml	IS:1622-1981 (R.A.-1996)	900

Statement of conformity:-

Remarks:

BDL: Below Detection Limit, MDL: Minimum Detection Limit

Mrs. Khushbu S. Gajjar
Technical Manager

Mr. Swastik R. Gajjar
Lab Manager(Q)

* End of Report *

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REPORT NUMBER: **EI/WW/0121/061**

DATE OF REPORT: **05-02-2021**

F/7.8/01/Issue No.01/Issue Date: 01-10-2018/ Amend No.:00 / Amend Date:-- / Page 2 of 2

TEST REPORT

REPORT NUMBER: EI/WW/0121/062**DATE OF REPORT: 05-02-2021****CLIENT NAME : POLLUTION CONTROL COMMITTEE,****Dadra and Nagar Haveli and Daman and Diu****ADDRESS : 1st Floor, Udyog Bhavan, Bhenslore, Daman- 396220,INDIA****SAMPLE DETAILS.**

Laboratory ID	: EI/WW/0121/062	Date of Sampling	: 28-01-2021
Sample Type	: Surface Water	Date of Sample Receipt	: 28-01-2021
Type of Sampling	: Grab	Sample Condition	: Good
Place of Sampling	: 100 meter Downstream of outlet of CETP, Vapi from river)	Quantity of Sample Received	: 5 Liter
Description (GPS)	: N 20°20'31.52", E72°54'16.88"	Analysis Start Date	: 28-01-2021
Sampling Protocol / Standard	: IS3025 (Part 1):1987(R.A.2003)	Analysis End Date	: 05-02-2021
Sampling Conducted By	: Nimesh	Duration of Sampling	: -

Sl. No	PARAMETER	UNIT	TEST METHOD	RESULTS
1.	Temperature	°C	APHA:2550 B 23 rd Edition (Page: 2-74)	28.6
2.	pH @ 25°C	pH	APHA:4500 H ⁺ B 23 rd Edition (Page: 4-13)	7.43
3.	Conductivity	µs/cm	IS:3025 (Part-14)	204
4.	Dissolve Oxygen	mg/L	IS:3025 (Part-38)	4.7
5.	Biological Oxygen Demand	mg/L	IS:3025 (Part-44)(3 Days at 27°C)	2.1
6.	Nitrate as N	mg/L	IS:3025 (Part-44)	0.5
7.	Ammonia as N	mg/L	APHA:4500 NH ₃ -B-C 23 rd Edition (Page: 4-114)	4
8.	Chemical Oxygen Demand	mg/L	APHA:5220 B 23 rd Edition (Page: 5-18)	26.1
9.	Total Kjeldahl Nitrogen	mg/L	IS:3025 (Part-34)	21.5
10.	Total Dissolve Solids	mg/L	APHA:2540 C 23 rd Edition (Page: 2-69)	1198
11.	Total Fixed Solids	mg/L	IS:3025 (Part-18)	758
12.	Total Suspended Solids	mg/L	APHA:2540 B 23 rd Edition (Page: 2-70)	14
13.	Turbidity	NTU	IS:3025 (Part-10)	0.1
14.	Hardness	mg/L	IS:3025 (Part-21)	284.2
15.	Fluoride	mg/L	IS:3025 (Part-60)	0.53
16.	Boron	mg/L	IS:3025 (Part-57)	ND
17.	Chloride	mg/L	APHA:4500 Cl ⁻ B 23 rd Edition (Page: 4-75)	397.1
18.	Sulphate	mg/L	IS:3025 (Part-28)	157
19.	Total Alkalinity	mg/L	IS:3025 (Part-23)	142.8
20.	P-Alkalinity	mg/L	IS:3025 (Part-23)	BDL(MDL:4.0)
21.	Phosphate	mg/L	IS:3550 -1965	0.53
22.	Sodium	mg/L	IS:3025 (Part-45)	293
23.	Potassium	mg/L	IS:3025 (Part-45)	6.4
24.	Calcium	mg/L	IS:3025 (Part-40)	78.2
25.	Magnesium	mg/L	IS:3025 (Part-46)	36.1

26.	Arsenic	mg/L	IS:3025 (Part-37)	BDL(MDL:0.01)
27.	Nickel	mg/L	IS:3025 (Part-54)	0.04
28.	Copper	mg/L	IS:3025 (Part-42)	BDL(MDL:0.05)
29.	Mercury	mg/L	IS:3025 (Part-48)	BDL(MDL:0.001)
30.	Chromium	mg/L	IS:3025 (Part-52)	BDL(MDL:0.05)
31.	Cadmium	mg/L	IS:3025 (Part-41)	BDL(MDL:0.003)
32.	Zinc	mg/L	IS:3025 (Part-49)	0.052
33.	Lead	mg/L	IS:3025 (Part-47)	BDL(MDL:0.01)
34.	Iron	mg/L	IS:3025 (Part-53)	0.153
35.	Alpha BHC	ppb	USEPA 8081 A	BDL(MDL:0.01)
36.	Beta BHC	ppb	USEPA 8081 A	BDL(MDL:0.04)
37.	Gama BHC	ppb	USEPA 8081 A	BDL(MDL:2.0)
38.	OP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
39.	PP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
40.	Alpha Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
41.	Beta Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
42.	Dieldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
43.	2-4 D	ppb	USEPA 1699-2007	BDL(MDL:30.0)
44.	Aldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
45.	Chloropyriphos	ppb	USEPA 1699-2007	BDL(MDL:30.0)
46.	Carboryl (Carbamate)	ppb	USEPA 1699-2007	BDL(MDL:0.01)
47.	Methyl Parathin	ppb	USEPA 1699-2007	BDL(MDL:0.3)
48.	Anilophos	ppb	USEPA 1699-2007	BDL(MDL:0.01)
49.	Malathian	ppb	USEPA 8081 B	BDL(MDL:190.0)
50.	Total Coliform	MPN/ 100 ml	APHA:9221 B 23 rd Edition (Page: 9-69)	>1600
51.	Fecal Coliform	MPN/ 100 ml	APHA:9222 D 23 rd Edition (Page: 9-89)	1600
52.	Fecal Streptococci	MPN/ 100 ml	IS:1622-1981 (R.A.-1996)	900

Statement of conformity:-

Remarks:

BDL: Below Detection Limit, MDL: Minimum Detection Limit

Mrs. Khushbu S. Gajjar
Technical Manager

Mr. Swastik R. Gajjar
Lab Manager(Q)

* End of Report *

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REPORT NUMBER: **EI/WW/0121/062**

DATE OF REPORT: **05-02-2021**

F/7.8/01/Issue No.01/Issue Date: 01-10-2018/ Amend No.:00 / Amend Date:-- / Page 2 of 2

TEST REPORT

REPORT NUMBER: EI/WW/0121/063**DATE OF REPORT: 05-02-2021****CLIENT NAME : POLLUTION CONTROL COMMITTEE,****Dadra and Nagar Haveli and Daman and Diu****ADDRESS : 1st Floor, Udyog Bhavan, Bhenslore, Daman- 396220,INDIA****SAMPLE DETAILS.**

Laboratory ID : EI/WW/0121/063	Date of Sampling : 28-01-2021
Sample Type : Surface Water	Date of Sample Receipt : 28-01-2021
Type of Sampling : Grab	Sample Condition : Good
Place of Sampling : At Patalia Bridge(Kolak River)	Quantity of Sample Received : 5 Liter
Description (GPS) : N 20°27'41", E72°53'12.59"	Analysis Start Date : 28-01-2021
Sampling Protocol / Standard : IS3025 (Part 1):1987(R.A.2003)	Analysis End Date : 05-02-2021
Sampling Conducted By : Nimesh	Duration of Sampling : -

Sl. No	PARAMETER	UNIT	TEST METHOD	RESULTS
1.	Temperature	°C	APHA:2550 B 23 rd Edition (Page: 2-74)	28
2.	pH @ 25°C	pH	APHA:4500 H ⁺ B 23 rd Edition (Page: 4-13)	7.54
3.	Conductivity	µs/cm	IS:3025 (Part-14)	7150
4.	Dissolve Oxygen	mg/L	IS:3025 (Part-38)	4.8
5.	Biological Oxygen Demand	mg/L	IS:3025 (Part-44)(3 Days at 27°C)	2.7
6.	Nitrate as N	mg/L	IS:3025 (Part-44)	3.8
7.	Ammonia as N	mg/L	APHA:4500 NH ₃ -B-C 23 rd Edition (Page: 4-114)	4.7
8.	Chemical Oxygen Demand	mg/L	APHA:5220 B 23 rd Edition (Page: 5-18)	28.1
9.	Total Kjeldahl Nitrogen	mg/L	IS:3025 (Part-34)	11.4
10.	Total Dissolve Solids	mg/L	APHA:2540 C 23 rd Edition (Page: 2-69)	809
11.	Total Fixed Solids	mg/L	IS:3025 (Part-18)	517
12.	Total Suspended Solids	mg/L	APHA:2540 B 23 rd Edition (Page: 2-70)	15
13.	Turbidity	NTU	IS:3025 (Part-10)	0.1
14.	Hardness	mg/L	IS:3025 (Part-21)	207.4
15.	Fluoride	mg/L	IS:3025 (Part-60)	0.78
16.	Boron	mg/L	IS:3025 (Part-57)	ND
17.	Chloride	mg/L	APHA:4500 Cl ⁻ B 23 rd Edition (Page: 4-75)	381.4
18.	Sulphate	mg/L	IS:3025 (Part-28)	114
19.	Total Alkalinity	mg/L	IS:3025 (Part-23)	236
20.	P-Alkalinity	mg/L	IS:3025 (Part-23)	BDL(MDL:4.0)
21.	Phosphate	mg/L	IS:3550 -1965	2.6
22.	Sodium	mg/L	IS:3025 (Part-45)	1934.8
23.	Potassium	mg/L	IS:3025 (Part-45)	98.4
24.	Calcium	mg/L	IS:3025 (Part-40)	129.3
25.	Magnesium	mg/L	IS:3025 (Part-46)	272.3
26.	Arsenic	mg/L	IS:3025 (Part-37)	BDL(MDL:0.01)

27.	Nickel	mg/L	IS:3025 (Part-54)	0.133
28.	Copper	mg/L	IS:3025 (Part-42)	BDL(MDL:0.05)
29.	Mercury	mg/L	IS:3025 (Part-48)	BDL(MDL:0.001)
30.	Chromium	mg/L	IS:3025 (Part-52)	BDL(MDL:0.05)
31.	Cadmium	mg/L	IS:3025 (Part-41)	0.077
32.	Zinc	mg/L	IS:3025 (Part-49)	0.104
33.	Lead	mg/L	IS:3025 (Part-47)	BDL(MDL:0.01)
34.	Iron	mg/L	IS:3025 (Part-53)	0.287
35.	Alpha BHC	ppb	USEPA 8081 A	BDL(MDL:0.01)
36.	Beta BHC	ppb	USEPA 8081 A	BDL(MDL:0.04)
37.	Gama BHC	ppb	USEPA 8081 A	BDL(MDL:2.0)
38.	OP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
39.	PP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
40.	Alpha Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
41.	Beta Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
42.	Dieldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
43.	2-4 D	ppb	USEPA 1699-2007	BDL(MDL:30.0)
44.	Aldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
45.	Chloropyriphos	ppb	USEPA 1699-2007	BDL(MDL:30.0)
46.	Carboryl (Carbamate)	ppb	USEPA 1699-2007	BDL(MDL:0.01)
47.	Methyl Parathin	ppb	USEPA 1699-2007	BDL(MDL:0.3)
48.	Anilophos	ppb	USEPA 1699-2007	BDL(MDL:0.01)
49.	Malathian	ppb	USEPA 8081 B	BDL(MDL:190.0)
50.	Total Coliform	MPN/ 100 ml	APHA:9221 B 23 rd Edition (Page: 9-69)	>1600
51.	Fecal Coliform	MPN/ 100 ml	APHA:9222 D 23 rd Edition (Page: 9-89)	1600
52.	Fecal Streptococci	MPN/ 100 ml	IS:1622-1981 (R.A.-1996)	400

Statement of conformity:-

Remarks:

BDL: Below Detection Limit, MDL: Minimum Detection Limit

Mrs. Khushbu S. Gajjar
Technical Manager

Mr. Swastik R. Gajjar
Lab Manager(Q)

* End of Report *

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REPORT NUMBER: **EI/WW/0121/063**

DATE OF REPORT: **05-02-2021**

F/7.8/01/Issue No.01/Issue Date: 01-10-2018/ Amend No.:00 / Amend Date:-- / Page 2 of 2

TEST REPORT

REPORT NUMBER: EI/WW/0121/064**DATE OF REPORT: 05-02-2021****CLIENT NAME : POLLUTION CONTROL COMMITTEE,****Dadra and Nagar Haveli and Daman and Diu****ADDRESS : 1st Floor, Udyog Bhavan, Bhenslore, Daman- 396220,INDIA****SAMPLE DETAILS.**

Laboratory ID	: EI/WW/0121/064	Date of Sampling	: 28-01-2021
Sample Type	: Surface Water	Date of Sample Receipt	: 28-01-2021
Type of Sampling	: Grab	Sample Condition	: Good
Place of Sampling	: At N.H.No.8,Vapi (Kolak River)	Quantity of Sample Received	: 5 Liter
Description (GPS)	: N 20°25'24.2", E72°54'57.28"	Analysis Start Date	: 28-01-2021
Sampling Protocol / Standard	: IS3025 (Part 1):1987(R.A.2003)	Analysis End Date	: 05-02-2021
Sampling Conducted By	: Nimesh	Duration of Sampling	: -

Sl. No	PARAMETER	UNIT	TEST METHOD	RESULTS
1.	Temperature	°C	APHA:2550 B 23 rd Edition (Page: 2-74)	28.5
2.	pH @ 25°C	pH	APHA:4500 H ⁺ B 23 rd Edition (Page: 4-13)	7.45
3.	Conductivity	µs/cm	IS:3025 (Part-14)	457
4.	Dissolve Oxygen	mg/L	IS:3025 (Part-38)	5.4
5.	Biological Oxygen Demand	mg/L	IS:3025 (Part-44)(3 Days at 27°C)	1.9
6.	Nitrate as N	mg/L	IS:3025 (Part-44)	4.3
7.	Ammonia as N	mg/L	APHA:4500 NH ₃ -B-C 23 rd Edition (Page: 4-114)	BDL(MDL:2.0)
8.	Chemical Oxygen Demand	mg/L	APHA:5220 B 23 rd Edition (Page: 5-18)	19.2
9.	Total Kjeldahl Nitrogen	mg/L	IS:3025 (Part-34)	BDL(MDL:2.0)
10.	Total Dissolve Solids	mg/L	APHA:2540 C 23 rd Edition (Page: 2-69)	358
11.	Total Fixed Solids	mg/L	IS:3025 (Part-18)	197
12.	Total Suspended Solids	mg/L	APHA:2540 B 23 rd Edition (Page: 2-70)	8
13.	Turbidity	NTU	IS:3025 (Part-10)	0.1
14.	Hardness	mg/L	IS:3025 (Part-21)	146.5
15.	Fluoride	mg/L	IS:3025 (Part-60)	0.5
16.	Boron	mg/L	IS:3025 (Part-57)	ND
17.	Chloride	mg/L	APHA:4500 Cl ⁻ B 23 rd Edition (Page: 4-75)	39.3
18.	Sulphate	mg/L	IS:3025 (Part-28)	12.3
19.	Total Alkalinity	mg/L	IS:3025 (Part-23)	181.4
20.	P-Alkalinity	mg/L	IS:3025 (Part-23)	BDL(MDL:4.0)
21.	Phosphate	mg/L	IS:3550 -1965	0.14
22.	Sodium	mg/L	IS:3025 (Part-45)	30.5
23.	Potassium	mg/L	IS:3025 (Part-45)	1.3
24.	Calcium	mg/L	IS:3025 (Part-40)	35.8
25.	Magnesium	mg/L	IS:3025 (Part-46)	10.4

26.	Arsenic	mg/L	IS:3025 (Part-37)	BDL(MDL:0.01)
27.	Nickel	mg/L	IS:3025 (Part-54)	BDL(MDL:0.02)
28.	Copper	mg/L	IS:3025 (Part-42)	BDL(MDL:0.05)
29.	Mercury	mg/L	IS:3025 (Part-48)	BDL(MDL:0.001)
30.	Chromium	mg/L	IS:3025 (Part-52)	BDL(MDL:0.05)
31.	Cadmium	mg/L	IS:3025 (Part-41)	BDL(MDL:0.003)
32.	Zinc	mg/L	IS:3025 (Part-49)	BDL(MDL:0.05)
33.	Lead	mg/L	IS:3025 (Part-47)	BDL(MDL:0.01)
34.	Iron	mg/L	IS:3025 (Part-53)	0.217
35.	Alpha BHC	ppb	USEPA 8081 A	BDL(MDL:0.01)
36.	Beta BHC	ppb	USEPA 8081 A	BDL(MDL:0.04)
37.	Gama BHC	ppb	USEPA 8081 A	BDL(MDL:2.0)
38.	OP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
39.	PP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
40.	Alpha Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
41.	Beta Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
42.	Dieldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
43.	2-4 D	ppb	USEPA 1699-2007	BDL(MDL:30.0)
44.	Aldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
45.	Chloropyriphos	ppb	USEPA 1699-2007	BDL(MDL:30.0)
46.	Carboryl (Carbamate)	ppb	USEPA 1699-2007	BDL(MDL:0.01)
47.	Methyl Parathin	ppb	USEPA 1699-2007	BDL(MDL:0.3)
48.	Anilophos	ppb	USEPA 1699-2007	BDL(MDL:0.01)
49.	Malathian	ppb	USEPA 8081 B	BDL(MDL:190.0)
50.	Total Coliform	MPN/ 100 ml	APHA:9221 B 23 rd Edition (Page: 9-69)	350
51.	Fecal Coliform	MPN/ 100 ml	APHA:9222 D 23 rd Edition (Page: 9-89)	150
52.	Fecal Streptococci	MPN/ 100 ml	IS:1622-1981 (R.A.-1996)	40

Statement of conformity:-

Remarks:

BDL: Below Detection Limit, MDL: Minimum Detection Limit

Mrs. Khushbu S. Gajjar
Technical Manager

Mr. Swastik R. Gajjar
Lab Manager(Q)

* End of Report *

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REPORT NUMBER: **EI/WW/0121/064**

DATE OF REPORT: **05-02-2021**

F/7.8/01/Issue No.01/Issue Date: 01-10-2018/ Amend No.:00 / Amend Date:-- / Page 2 of 2

TEST REPORT

REPORT NUMBER:EI/WW/0221/032**DATE OF REPORT: 02-03-2021****CLIENT NAME : POLLUTION CONTROL COMMITTEE,****Dadra and Nagar Haveli and Daman and Diu****ADDRESS : 1st Floor, Udyog Bhavan, Bhenslore, Daman- 396220,INDIA****SAMPLE DETAILS.**

Laboratory ID	: EI/WW/0221/032	Date of Sampling	: 24-02-2021
Sample Type	: Surface Water	Date of Sample Receipt	: 24-02-2021
Type of Sampling	: Grab	Sample Condition	: Good
Place of Sampling	: D/s of Madhuban Dam	Quantity of Sample Received	: 5 Liter
Description (GPS)	: N 20°12'57", E 73°2'29"	Analysis Start Date	: 24-02-2021
Sampling Protocol / Standard	: IS3025 (Part 1):1987(R.A.2003)	Analysis End Date	: 01-03-2021
Sampling Conducted By	: Nimesh	Duration of Sampling	: -

Sl. No	PARAMETER	UNIT	TEST METHOD	RESULTS
1.	Temperature	°C	APHA:2550 B 23 rd Edition (Page: 2-74)	27
2.	pH @ 25°C	pH	APHA:4500 H ⁺ B 23 rd Edition (Page: 4-13)	7.62
3.	Conductivity	µs/cm	IS:3025 (Part-14)	104
4.	Dissolve Oxygen	mg/L	IS:3025 (Part-38)	6.6
5.	Biological Oxygen Demand	mg/L	IS:3025 (Part-44)(3 Days at 27°C)	BDL(MDL:1.0)
6.	Nitrate as N	mg/L	IS:3025 (Part-44)	BDL(MDL:0.1)
7.	Ammonia as N	mg/L	APHA:4500 NH ₃ -B-C 23 rd Edition (Page: 4-114)	BDL(MDL:2.0)
8.	Chemical Oxygen Demand	mg/L	APHA:5220 B 23 rd Edition (Page: 5-18)	12.2
9.	Total Kjeldahl Nitrogen	mg/L	IS:3025 (Part-34)	BDL(MDL:2.0)
10.	Total Dissolve Solids	mg/L	APHA:2540 C 23 rd Edition (Page: 2-69)	152
11.	Total Fixed Solids	mg/L	IS:3025 (Part-18)	103
12.	Total Suspended Solids	mg/L	APHA:2540 B 23 rd Edition (Page: 2-70)	BDL(MDL:4.0)
13.	Turbidity	NTU	IS:3025 (Part-10)	0.1
14.	Hardness	mg/L	IS:3025 (Part-21)	78.1
15.	Fluoride	mg/L	IS:3025 (Part-60)	BDL(MDL:0.1)
16.	Boron	mg/L	IS:3025 (Part-57)	ND
17.	Chloride	mg/L	APHA:4500 Cl ⁻ B 23 rd Edition (Page: 4-75)	9.4
18.	Sulphate	mg/L	IS:3025 (Part-28)	3.9
19.	Total Alkalinity	mg/L	IS:3025 (Part-23)	89.5
20.	P-Alkalinity	mg/L	IS:3025 (Part-23)	BDL(MDL:4.0)
21.	Phosphate	mg/L	IS:3550 -1965	BDL(MDL:0.1)
22.	Sodium	mg/L	IS:3025 (Part-45)	21.3
23.	Potassium	mg/L	IS:3025 (Part-45)	BDL(MDL:1.0)
24.	Calcium	mg/L	IS:3025 (Part-40)	15.8
25.	Magnesium	mg/L	IS:3025 (Part-46)	5.9
26.	Arsenic	mg/L	IS:3025 (Part-37)	BDL(MDL:0.01)

27.	Nickel	mg/L	IS:3025 (Part-54)	BDL(MDL:0.02)
28.	Copper	mg/L	IS:3025 (Part-42)	BDL(MDL:0.05)
29.	Mercury	mg/L	IS:3025 (Part-48)	BDL(MDL:0.001)
30.	Chromium	mg/L	IS:3025 (Part-52)	BDL(MDL:0.05)
31.	Cadmium	mg/L	IS:3025 (Part-41)	BDL(MDL:0.003)
32.	Zinc	mg/L	IS:3025 (Part-49)	BDL(MDL:0.05)
33.	Lead	mg/L	IS:3025 (Part-47)	BDL(MDL:0.01)
34.	Iron	mg/L	IS:3025 (Part-53)	0.148
35.	Alpha BHC	ppb	USEPA 8081 A	BDL(MDL:0.01)
36.	Beta BHC	ppb	USEPA 8081 A	BDL(MDL:0.04)
37.	Gama BHC	ppb	USEPA 8081 A	BDL(MDL:2.0)
38.	OP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
39.	PP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
40.	Alpha Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
41.	Beta Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
42.	Dieldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
43.	2-4 D	ppb	USEPA 1699-2007	BDL(MDL:30.0)
44.	Aldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
45.	Chloropyriphos	ppb	USEPA 1699-2007	BDL(MDL:30.0)
46.	Carboryl (Carbamate)	ppb	USEPA 1699-2007	BDL(MDL:0.01)
47.	Methyl Parathin	ppb	USEPA 1699-2007	BDL(MDL:0.3)
48.	Anilophos	ppb	USEPA 1699-2007	BDL(MDL:0.01)
49.	Malathian	ppb	USEPA 8081 B	BDL(MDL:190.0)
50.	Total Coliform	MPN/ 100 ml	APHA:9221 B 23 rd Edition (Page: 9-69)	25
51.	Fecal Coliform	MPN/ 100 ml	APHA:9222 D 23 rd Edition (Page: 9-89)	6
52.	Fecal Streptococci	MPN/ 100 ml	IS:1622-1981 (R.A.-1996)	3

Statement of conformity:-

Remarks:

BDL: Below Detection Limit, MDL: Minimum Detection Limit

Mrs. Khushbu S. Gajjar
Technical Manager

Mr. Swastik R. Gajjar
Lab Manager(Q)

* End of Report *

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REPORT NUMBER: **EI/WW/0221/032**

DATE OF REPORT: **02-03-2021**

F/7.8/01/Issue No.01/Issue Date: 01-10-2018/ Amend No.:00 / Amend Date:-- / Page 2 of 2

TEST REPORT

REPORT NUMBER: EI/WW/0221/033

DATE OF REPORT: 02-03-2021

CLIENT NAME : POLLUTION CONTROL COMMITTEE,

Dadra and Nagar Haveli and Daman and Diu

ADDRESS : 1st Floor, Udyog Bhavan, Bhenslore, Daman- 396220,INDIA

SAMPLE DETAILS.

Laboratory ID : EI/WW/0221/033	Date of Sampling : 24-02-2021
Sample Type : Surface Water	Date of Sample Receipt : 24-02-2021
Type of Sampling : Grab	Sample Condition : Good
Place of Sampling : D/s of Naroli Bridge,Silvassa,DNH	Quantity of Sample Received : 5 Liter
Description (GPS) : N 20°16'7", E 72°59'21"	Analysis Start Date : 24-02-2021
Sampling Protocol / Standard : IS3025 (Part 1):1987(R.A.2003)	Analysis End Date : 01-03-2021
Sampling Conducted By : Nimesh	Duration of Sampling : -

Sl. No	PARAMETER	UNIT	TEST METHOD	RESULTS
1.	Temperature	°C	APHA:2550 B 23 rd Edition (Page: 2-74)	30
2.	pH @ 25°C	pH	APHA:4500 H ⁺ B 23 rd Edition (Page: 4-13)	7.8
3.	Conductivity	µs/cm	IS:3025 (Part-14)	129
4.	Dissolve Oxygen	mg/L	IS:3025 (Part-38)	6.7
5.	Biological Oxygen Demand	mg/L	IS:3025 (Part-44)(3 Days at 27°C)	BDL(MDL:1.0)
6.	Nitrate as N	mg/L	IS:3025 (Part-44)	BDL(MDL:0.1)
7.	Ammonia as N	mg/L	APHA:4500 NH ₃ -B-C 23 rd Edition (Page: 4-114)	BDL(MDL:2.0)
8.	Chemical Oxygen Demand	mg/L	APHA:5220 B 23 rd Edition (Page: 5-18)	7.9
9.	Total Kjeldahl Nitrogen	mg/L	IS:3025 (Part-34)	BDL(MDL:2.0)
10.	Total Dissolve Solids	mg/L	APHA:2540 C 23 rd Edition (Page: 2-69)	88
11.	Total Fixed Solids	mg/L	IS:3025 (Part-18)	62
12.	Total Suspended Solids	mg/L	APHA:2540 B 23 rd Edition (Page: 2-70)	8
13.	Turbidity	NTU	IS:3025 (Part-10)	0.1
14.	Hardness	mg/L	IS:3025 (Part-21)	82.3
15.	Fluoride	mg/L	IS:3025 (Part-60)	BDL(MDL:0.1)
16.	Boron	mg/L	IS:3025 (Part-57)	ND
17.	Chloride	mg/L	APHA:4500 Cl ⁻ B 23 rd Edition (Page: 4-75)	9.1
18.	Sulphate	mg/L	IS:3025 (Part-28)	5.6
19.	Total Alkalinity	mg/L	IS:3025 (Part-23)	99.4
20.	P-Alkalinity	mg/L	IS:3025 (Part-23)	BDL(MDL:4.0)
21.	Phosphate	mg/L	IS:3550 -1965	BDL(MDL:0.1)
22.	Sodium	mg/L	IS:3025 (Part-45)	13.2
23.	Potassium	mg/L	IS:3025 (Part-45)	BDL(MDL:1.0)
24.	Calcium	mg/L	IS:3025 (Part-40)	23.4
25.	Magnesium	mg/L	IS:3025 (Part-46)	6.1

26.	Arsenic	mg/L	IS:3025 (Part-37)	BDL(MDL:0.01)
27.	Nickel	mg/L	IS:3025 (Part-54)	BDL(MDL:0.02)
28.	Copper	mg/L	IS:3025 (Part-42)	BDL(MDL:0.05)
29.	Mercury	mg/L	IS:3025 (Part-48)	BDL(MDL:0.001)
30.	Chromium	mg/L	IS:3025 (Part-52)	BDL(MDL:0.05)
31.	Cadmium	mg/L	IS:3025 (Part-41)	BDL(MDL:0.003)
32.	Zinc	mg/L	IS:3025 (Part-49)	BDL(MDL:0.05)
33.	Lead	mg/L	IS:3025 (Part-47)	BDL(MDL:0.01)
34.	Iron	mg/L	IS:3025 (Part-53)	BDL(MDL:0.01)
35.	Alpha BHC	ppb	USEPA 8081 A	BDL(MDL:0.01)
36.	Beta BHC	ppb	USEPA 8081 A	BDL(MDL:0.04)
37.	Gama BHC	ppb	USEPA 8081 A	BDL(MDL:2.0)
38.	OP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
39.	PP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
40.	Alpha Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
41.	Beta Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
42.	Dieldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
43.	2-4 D	ppb	USEPA 1699-2007	BDL(MDL:30.0)
44.	Aldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
45.	Chloropyriphos	ppb	USEPA 1699-2007	BDL(MDL:30.0)
46.	Carboryl (Carbamate)	ppb	USEPA 1699-2007	BDL(MDL:0.01)
47.	Methyl Parathin	ppb	USEPA 1699-2007	BDL(MDL:0.3)
48.	Anilophos	ppb	USEPA 1699-2007	BDL(MDL:0.01)
49.	Malathian	ppb	USEPA 8081 B	BDL(MDL:190.0)
50.	Total Coliform	MPN/ 100 ml	APHA:9221 B 23 rd Edition (Page: 9-69)	34
51.	Fecal Coliform	MPN/ 100 ml	APHA:9222 D 23 rd Edition (Page: 9-89)	13
52.	Fecal Streptococci	MPN/ 100 ml	IS:1622-1981 (R.A.-1996)	3

Statement of conformity:-

Remarks:

BDL: Below Detection Limit, MDL: Minimum Detection Limit

Mrs. Khushbu S. Gajjar
Technical Manager

Mr. Swastik R. Gajjar
Lab Manager(Q)

* End of Report *

- 1) The results relate only to the items tested.
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REPORT NUMBER: **EI/WW/0221/033**

DATE OF REPORT: **02-03-2021**

F/7.8/01/Issue No.01/Issue Date: 01-10-2018/ Amend No.:00 / Amend Date:-- / Page 2 of 2

TEST REPORT

REPORT NUMBER: EI/WW/0221/034**DATE OF REPORT: 02-03-2021****CLIENT NAME : POLLUTION CONTROL COMMITTEE,****Dadra and Nagar Haveli and Daman and Diu****ADDRESS : 1st Floor, Udyog Bhavan, Bhenslore, Daman- 396220,INDIA****SAMPLE DETAILS.**

Laboratory ID : EI/WW/0221/034	Date of Sampling : 24-02-2021
Sample Type : Surface Water	Date of Sample Receipt : 24-02-2021
Type of Sampling : Grab	Sample Condition : Good
Place of Sampling : At Lawacha Temple	Quantity of Sample Received : 5 Liter
Description (GPS) : N 20°18'33.2", E 72°57'35.9"	Analysis Start Date : 24-02-2021
Sampling Protocol / Standard : IS3025 (Part 1):1987(R.A.2003)	Analysis End Date : 01-03-2021
Sampling Conducted By : Nimesh	Duration of Sampling : -

Sl. No	PARAMETER	UNIT	TEST METHOD	RESULTS
1.	Temperature	°C	APHA:2550 B 23 rd Edition (Page: 2-74)	30
2.	pH @ 25°C	pH	APHA:4500 H ⁺ B 23 rd Edition (Page: 4-13)	7.51
3.	Conductivity	µs/cm	IS:3025 (Part-14)	160
4.	Dissolve Oxygen	mg/L	IS:3025 (Part-38)	6.4
5.	Biological Oxygen Demand	mg/L	IS:3025 (Part-44)(3 Days at 27°C)	BDL(MDL:1.0)
6.	Nitrate as N	mg/L	IS:3025 (Part-44)	BDL(MDL:0.1)
7.	Ammonia as N	mg/L	APHA:4500 NH ₃ -B-C 23 rd Edition (Page: 4-114)	BDL(MDL:2.0)
8.	Chemical Oxygen Demand	mg/L	APHA:5220 B 23 rd Edition (Page: 5-18)	9.2
9.	Total Kjeldahl Nitrogen	mg/L	IS:3025 (Part-34)	BDL(MDL:2.0)
10.	Total Dissolve Solids	mg/L	APHA:2540 C 23 rd Edition (Page: 2-69)	120
11.	Total Fixed Solids	mg/L	IS:3025 (Part-18)	98
12.	Total Suspended Solids	mg/L	APHA:2540 B 23 rd Edition (Page: 2-70)	BDL(MDL:4.0)
13.	Turbidity	NTU	IS:3025 (Part-10)	0.1
14.	Hardness	mg/L	IS:3025 (Part-21)	77.2
15.	Fluoride	mg/L	IS:3025 (Part-60)	BDL(MDL:0.1)
16.	Boron	mg/L	IS:3025 (Part-57)	ND
17.	Chloride	mg/L	APHA:4500 Cl ⁻ B 23 rd Edition (Page: 4-75)	13.4
18.	Sulphate	mg/L	IS:3025 (Part-28)	10.1
19.	Total Alkalinity	mg/L	IS:3025 (Part-23)	87.5
20.	P-Alkalinity	mg/L	IS:3025 (Part-23)	BDL(MDL:4.0)
21.	Phosphate	mg/L	IS:3550 -1965	BDL(MDL:0.1)
22.	Sodium	mg/L	IS:3025 (Part-45)	17.4
23.	Potassium	mg/L	IS:3025 (Part-45)	BDL(MDL:1.0)
24.	Calcium	mg/L	IS:3025 (Part-40)	20.5
25.	Magnesium	mg/L	IS:3025 (Part-46)	5.4
26.	Arsenic	mg/L	IS:3025 (Part-37)	BDL(MDL:0.01)

27.	Nickel	mg/L	IS:3025 (Part-54)	BDL(MDL:0.02)
28.	Copper	mg/L	IS:3025 (Part-42)	BDL(MDL:0.05)
29.	Mercury	mg/L	IS:3025 (Part-48)	BDL(MDL:0.001)
30.	Chromium	mg/L	IS:3025 (Part-52)	BDL(MDL:0.05)
31.	Cadmium	mg/L	IS:3025 (Part-41)	BDL(MDL:0.003)
32.	Zinc	mg/L	IS:3025 (Part-49)	BDL(MDL:0.05)
33.	Lead	mg/L	IS:3025 (Part-47)	BDL(MDL:0.01)
34.	Iron	mg/L	IS:3025 (Part-53)	0.193
35.	Alpha BHC	ppb	USEPA 8081 A	BDL(MDL:0.01)
36.	Beta BHC	ppb	USEPA 8081 A	BDL(MDL:0.04)
37.	Gama BHC	ppb	USEPA 8081 A	BDL(MDL:2.0)
38.	OP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
39.	PP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
40.	Alpha Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
41.	Beta Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
42.	Dieldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
43.	2-4 D	ppb	USEPA 1699-2007	BDL(MDL:30.0)
44.	Aldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
45.	Chloropyriphos	ppb	USEPA 1699-2007	BDL(MDL:30.0)
46.	Carboryl (Carbamate)	ppb	USEPA 1699-2007	BDL(MDL:0.01)
47.	Methyl Parathin	ppb	USEPA 1699-2007	BDL(MDL:0.3)
48.	Anilophos	ppb	USEPA 1699-2007	BDL(MDL:0.01)
49.	Malathian	ppb	USEPA 8081 B	BDL(MDL:190.0)
50.	Total Coliform	MPN/ 100 ml	APHA:9221 B 23 rd Edition (Page: 9-69)	74
51.	Fecal Coliform	MPN/ 100 ml	APHA:9222 D 23 rd Edition (Page: 9-89)	35
52.	Fecal Streptococci	MPN/ 100 ml	IS:1622-1981 (R.A.-1996)	11

Statement of conformity:-

Remarks:

BDL: Below Detection Limit, MDL: Minimum Detection Limit

Mrs. Khushbu S. Gajjar
Technical Manager

Mr. Swastik R. Gajjar
Lab Manager(Q)

* End of Report *

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REPORT NUMBER: **EI/WW/0221/034**

DATE OF REPORT: **02-03-2021**

F/7.8/01/Issue No.01/Issue Date: 01-10-2018/ Amend No.:00 / Amend Date:-- / Page 2 of 2

TEST REPORT

REPORT NUMBER:EI/WW/0221/035**DATE OF REPORT: 02-03-2021****CLIENT NAME : POLLUTION CONTROL COMMITTEE,****Dadra and Nagar Haveli and Daman and Diu****ADDRESS : 1st Floor, Udyog Bhavan, Bhenslore, Daman- 396220,INDIA****SAMPLE DETAILS.**

Laboratory ID : EI/WW/0221/035	Date of Sampling : 24-02-2021
Sample Type : Surface Water	Date of Sample Receipt : 24-02-2021
Type of Sampling : Grab	Sample Condition : Good
Place of Sampling : Near Surat Beverages, Dadra,DNH	Quantity of Sample Received : 5 Liter
Description (GPS) : N 20°18'33.2568", E72°57'35.8122"	Analysis Start Date : 24-02-2021
Sampling Protocol / Standard : IS3025 (Part 1):1987(R.A.2003)	Analysis End Date : 01-03-2021
Sampling Conducted By : Nimesh	Duration of Sampling : -

Sl. No	PARAMETER	UNIT	TEST METHOD	RESULTS
1.	Temperature	°C	APHA:2550 B 23 rd Edition (Page: 2-74)	29
2.	pH @ 25°C	pH	APHA:4500 H ⁺ B 23 rd Edition (Page: 4-13)	7.93
3.	Conductivity	µs/cm	IS:3025 (Part-14)	313
4.	Dissolve Oxygen	mg/L	IS:3025 (Part-38)	6.3
5.	Biological Oxygen Demand	mg/L	IS:3025 (Part-44)(3 Days at 27°C)	BDL(MDL:1.0)
6.	Nitrate as N	mg/L	IS:3025 (Part-44)	0.4
7.	Ammonia as N	mg/L	APHA:4500 NH ₃ -B-C 23 rd Edition (Page: 4-114)	BDL(MDL:2.0)
8.	Chemical Oxygen Demand	mg/L	APHA:5220 B 23 rd Edition (Page: 5-18)	4.8
9.	Total Kjeldahl Nitrogen	mg/L	IS:3025 (Part-34)	BDL(MDL:2.0)
10.	Total Dissolve Solids	mg/L	APHA:2540 C 23 rd Edition (Page: 2-69)	225
11.	Total Fixed Solids	mg/L	IS:3025 (Part-18)	106
12.	Total Suspended Solids	mg/L	APHA:2540 B 23 rd Edition (Page: 2-70)	7
13.	Turbidity	NTU	IS:3025 (Part-10)	0.1
14.	Hardness	mg/L	IS:3025 (Part-21)	89.5
15.	Fluoride	mg/L	IS:3025 (Part-60)	BDL(MDL:0.1)
16.	Boron	mg/L	IS:3025 (Part-57)	ND
17.	Chloride	mg/L	APHA:4500 Cl ⁻ B 23 rd Edition (Page: 4-75)	9.6
18.	Sulphate	mg/L	IS:3025 (Part-28)	6.3
19.	Total Alkalinity	mg/L	IS:3025 (Part-23)	102.8
20.	P-Alkalinity	mg/L	IS:3025 (Part-23)	BDL(MDL:4.0)
21.	Phosphate	mg/L	IS:3550 -1965	BDL(MDL:0.1)
22.	Sodium	mg/L	IS:3025 (Part-45)	15.6
23.	Potassium	mg/L	IS:3025 (Part-45)	BDL(MDL:1.0)
24.	Calcium	mg/L	IS:3025 (Part-40)	24.7

25.	Magnesium	mg/L	IS:3025 (Part-46)	8.2
26.	Arsenic	mg/L	IS:3025 (Part-37)	BDL(MDL:0.01)
27.	Nickel	mg/L	IS:3025 (Part-54)	BDL(MDL:0.02)
28.	Copper	mg/L	IS:3025 (Part-42)	BDL(MDL:0.05)
29.	Mercury	mg/L	IS:3025 (Part-48)	BDL(MDL:0.001)
30.	Chromium	mg/L	IS:3025 (Part-52)	BDL(MDL:0.05)
31.	Cadmium	mg/L	IS:3025 (Part-41)	BDL(MDL:0.003)
32.	Zinc	mg/L	IS:3025 (Part-49)	BDL(MDL:0.05)
33.	Lead	mg/L	IS:3025 (Part-47)	BDL(MDL:0.01)
34.	Iron	mg/L	IS:3025 (Part-53)	0.142
35.	Alpha BHC	ppb	USEPA 8081 A	BDL(MDL:0.01)
36.	Beta BHC	ppb	USEPA 8081 A	BDL(MDL:0.04)
37.	Gama BHC	ppb	USEPA 8081 A	BDL(MDL:2.0)
38.	OP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
39.	PP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
40.	Alpha Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
41.	Beta Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
42.	Dieldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
43.	2-4 D	ppb	USEPA 1699-2007	BDL(MDL:30.0)
44.	Aldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
45.	Chloropyriphos	ppb	USEPA 1699-2007	BDL(MDL:30.0)
46.	Carboryl (Carbamate)	ppb	USEPA 1699-2007	BDL(MDL:0.01)
47.	Methyl Parathin	ppb	USEPA 1699-2007	BDL(MDL:0.3)
48.	Anilophos	ppb	USEPA 1699-2007	BDL(MDL:0.01)
49.	Malathian	ppb	USEPA 8081 B	BDL(MDL:190.0)
50.	Total Coliform	MPN/ 100 ml	APHA:9221 B 23 rd Edition (Page: 9-69)	64
51.	Fecal Coliform	MPN/ 100 ml	APHA:9222 D 23 rd Edition (Page: 9-89)	17
52.	Fecal Streptococci	MPN/ 100 ml	IS:1622-1981 (R.A.-1996)	12

Statement of conformity:-

Remarks:

BDL: Below Detection Limit, MDL: Minimum Detection Limit

Mrs. Khushbu S. Gajjar
Technical Manager

Mr. Swastik R. Gajjar
Lab Manager(Q)

* End of Report *

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REPORT NUMBER: **EI/WW/0221/035**

DATE OF REPORT: **02-03-2021**

F/7.8/01/Issue No.01/Issue Date: 01-10-2018/ Amend No.:00 / Amend Date:-- / Page 2 of 2

TEST REPORT

REPORT NUMBER: EI/WW/0221/036

DATE OF REPORT: 02-03-2021

CLIENT NAME : POLLUTION CONTROL COMMITTEE,

Dadra and Nagar Haveli and Daman and Diu

ADDRESS : 1st Floor, Udyog Bhavan, Bhenslore, Daman- 396220,INDIA

SAMPLE DETAILS.

Laboratory ID	: EI/WW/0221/036	Date of Sampling	: 24-02-2021
Sample Type	: Surface Water	Date of Sample Receipt	: 24-02-2021
Type of Sampling	: Grab	Sample Condition	: Good
Place of Sampling	: At Vapi Weir, Vapi	Quantity of Sample Received	: 5 Liter
Description (GPS)	: N 20°20'23.42", E 72°54'34.49"	Analysis Start Date	: 24-02-2021
Sampling Protocol / Standard	: IS3025 (Part 1):1987(R.A.2003)	Analysis End Date	: 01-03-2021
Sampling Conducted By	: Nimesh	Duration of Sampling	: -

Sl. No	PARAMETER	UNIT	TEST METHOD	RESULTS
1.	Temperature	°C	APHA:2550 B 23 rd Edition (Page: 2-74)	29
2.	pH @ 25°C	pH	APHA:4500 H ⁺ B 23 rd Edition (Page: 4-13)	8.83
3.	Conductivity	µs/cm	IS:3025 (Part-14)	147
4.	Dissolve Oxygen	mg/L	IS:3025 (Part-38)	6.6
5.	Biological Oxygen Demand	mg/L	IS:3025 (Part-44)(3 Days at 27°C)	1.2
6.	Nitrate as N	mg/L	IS:3025 (Part-44)	0.5
7.	Ammonia as N	mg/L	APHA:4500 NH ₃ -B-C 23 rd Edition (Page: 4-114)	BDL(MDL:2.0)
8.	Chemical Oxygen Demand	mg/L	APHA:5220 B 23 rd Edition (Page: 5-18)	23.4
9.	Total Kjeldahl Nitrogen	mg/L	IS:3025 (Part-34)	BDL(MDL:2.0)
10.	Total Dissolve Solids	mg/L	APHA:2540 C 23 rd Edition (Page: 2-69)	101
11.	Total Fixed Solids	mg/L	IS:3025 (Part-18)	84
12.	Total Suspended Solids	mg/L	APHA:2540 B 23 rd Edition (Page: 2-70)	BDL(MDL:4.0)
13.	Turbidity	NTU	IS:3025 (Part-10)	0.1
14.	Hardness	mg/L	IS:3025 (Part-21)	87.3
15.	Fluoride	mg/L	IS:3025 (Part-60)	0.08
16.	Boron	mg/L	IS:3025 (Part-57)	ND
17.	Chloride	mg/L	APHA:4500 Cl ⁻ B 23 rd Edition (Page: 4-75)	11.5
18.	Sulphate	mg/L	IS:3025 (Part-28)	7.3
19.	Total Alkalinity	mg/L	IS:3025 (Part-23)	119.4
20.	P-Alkalinity	mg/L	IS:3025 (Part-23)	BDL(MDL:4.0)
21.	Phosphate	mg/L	IS:3550 -1965	BDL(MDL:0.1)
22.	Sodium	mg/L	IS:3025 (Part-45)	14.9
23.	Potassium	mg/L	IS:3025 (Part-45)	1.2
24.	Calcium	mg/L	IS:3025 (Part-40)	23.4
25.	Magnesium	mg/L	IS:3025 (Part-46)	6.7
26.	Arsenic	mg/L	IS:3025 (Part-37)	BDL(MDL:0.01)

27.	Nickel	mg/L	IS:3025 (Part-54)	BDL(MDL:0.02)
28.	Copper	mg/L	IS:3025 (Part-42)	BDL(MDL:0.05)
29.	Mercury	mg/L	IS:3025 (Part-48)	BDL(MDL:0.001)
30.	Chromium	mg/L	IS:3025 (Part-52)	BDL(MDL:0.05)
31.	Cadmium	mg/L	IS:3025 (Part-41)	BDL(MDL:0.003)
32.	Zinc	mg/L	IS:3025 (Part-49)	BDL(MDL:0.05)
33.	Lead	mg/L	IS:3025 (Part-47)	BDL(MDL:0.01)
34.	Iron	mg/L	IS:3025 (Part-53)	BDL(MDL:0.01)
35.	Alpha BHC	ppb	USEPA 8081 A	BDL(MDL:0.01)
36.	Beta BHC	ppb	USEPA 8081 A	BDL(MDL:0.04)
37.	Gama BHC	ppb	USEPA 8081 A	BDL(MDL:2.0)
38.	OP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
39.	PP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
40.	Alpha Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
41.	Beta Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
42.	Dieldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
43.	2-4 D	ppb	USEPA 1699-2007	BDL(MDL:30.0)
44.	Aldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
45.	Chloropyriphos	ppb	USEPA 1699-2007	BDL(MDL:30.0)
46.	Carboryl (Carbamate)	ppb	USEPA 1699-2007	BDL(MDL:0.01)
47.	Methyl Parathin	ppb	USEPA 1699-2007	BDL(MDL:0.3)
48.	Anilophos	ppb	USEPA 1699-2007	BDL(MDL:0.01)
49.	Malathian	ppb	USEPA 8081 B	BDL(MDL:190.0)
50.	Total Coliform	MPN/ 100 ml	APHA:9221 B 23 rd Edition (Page: 9-69)	486
51.	Fecal Coliform	MPN/ 100 ml	APHA:9222 D 23 rd Edition (Page: 9-89)	213
52.	Fecal Streptococci	MPN/ 100 ml	IS:1622-1981 (R.A.-1996)	32

Statement of conformity:-

Remarks:

BDL: Below Detection Limit, MDL: Minimum Detection Limit

Mrs. Khushbu S. Gajjar
Technical Manager

Mr. Swastik R. Gajjar
Lab Manager(Q)

* End of Report *

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REPORT NUMBER: **EI/WW/0221/036**

DATE OF REPORT: **02-03-2021**

F/7.8/01/Issue No.01/Issue Date: 01-10-2018/ Amend No.:00 / Amend Date:-- / Page 2 of 2

TEST REPORT

REPORT NUMBER: EI/WW/0221/037**DATE OF REPORT: 02-03-2021****CLIENT NAME : POLLUTION CONTROL COMMITTEE,****Dadra and Nagar Haveli and Daman and Diu****ADDRESS : 1st Floor, Udyog Bhavan, Bhenslore, Daman- 396220,INDIA****SAMPLE DETAILS.**

Laboratory ID : EI/WW/0221/037	Date of Sampling : 24-02-2021
Sample Type : Surface Water	Date of Sample Receipt : 24-02-2021
Type of Sampling : Grab	Sample Condition : Good
Place of Sampling : At Namdah Village	Quantity of Sample Received : 5 Liter
Description (GPS) : N 20°21'45.8", E 72°52'52.3"	Analysis Start Date : 24-02-2021
Sampling Protocol / Standard : IS3025 (Part 1):1987(R.A.2003)	Analysis End Date : 01-03-2021
Sampling Conducted By : Nimesh	Duration of Sampling : -

Sl. No	PARAMETER	UNIT	TEST METHOD	RESULTS
1.	Temperature	°C	APHA:2550 B 23 rd Edition (Page: 2-74)	30
2.	pH @ 25°C	pH	APHA:4500 H ⁺ B 23 rd Edition (Page: 4-13)	6.99
3.	Conductivity	µs/cm	IS:3025 (Part-14)	4174
4.	Dissolve Oxygen	mg/L	IS:3025 (Part-38)	4.7
5.	Biological Oxygen Demand	mg/L	IS:3025 (Part-44)(3 Days at 27°C)	2.5
6.	Nitrate as N	mg/L	IS:3025 (Part-44)	1.9
7.	Ammonia as N	mg/L	APHA:4500 NH ₃ -B-C 23 rd Edition (Page: 4-114)	3.1
8.	Chemical Oxygen Demand	mg/L	APHA:5220 B 23 rd Edition (Page: 5-18)	27.3
9.	Total Kjeldahl Nitrogen	mg/L	IS:3025 (Part-34)	12.4
10.	Total Dissolve Solids	mg/L	APHA:2540 C 23 rd Edition (Page: 2-69)	2588
11.	Total Fixed Solids	mg/L	IS:3025 (Part-18)	1911
12.	Total Suspended Solids	mg/L	APHA:2540 B 23 rd Edition (Page: 2-70)	27
13.	Turbidity	NTU	IS:3025 (Part-10)	1
14.	Hardness	mg/L	IS:3025 (Part-21)	528.2
15.	Fluoride	mg/L	IS:3025 (Part-60)	0.13
16.	Boron	mg/L	IS:3025 (Part-57)	0.31
17.	Chloride	mg/L	APHA:4500 Cl ⁻ B 23 rd Edition (Page: 4-75)	901.4
18.	Sulphate	mg/L	IS:3025 (Part-28)	392.4
19.	Total Alkalinity	mg/L	IS:3025 (Part-23)	147.2
20.	P-Alkalinity	mg/L	IS:3025 (Part-23)	BDL(MDL:4.0)
21.	Phosphate	mg/L	IS:3550 -1965	0.4
22.	Sodium	mg/L	IS:3025 (Part-45)	642
23.	Potassium	mg/L	IS:3025 (Part-45)	28.4
24.	Calcium	mg/L	IS:3025 (Part-40)	81.8
25.	Magnesium	mg/L	IS:3025 (Part-46)	72.3
26.	Arsenic	mg/L	IS:3025 (Part-37)	BDL(MDL:0.01)

27.	Nickel	mg/L	IS:3025 (Part-54)	0.054
28.	Copper	mg/L	IS:3025 (Part-42)	BDL(MDL:0.05)
29.	Mercury	mg/L	IS:3025 (Part-48)	BDL(MDL:0.001)
30.	Chromium	mg/L	IS:3025 (Part-52)	BDL(MDL:0.05)
31.	Cadmium	mg/L	IS:3025 (Part-41)	BDL(MDL:0.003)
32.	Zinc	mg/L	IS:3025 (Part-49)	BDL(MDL:0.05)
33.	Lead	mg/L	IS:3025 (Part-47)	BDL(MDL:0.01)
34.	Iron	mg/L	IS:3025 (Part-53)	0.421
35.	Alpha BHC	ppb	USEPA 8081 A	BDL(MDL:0.01)
36.	Beta BHC	ppb	USEPA 8081 A	BDL(MDL:0.04)
37.	Gama BHC	ppb	USEPA 8081 A	BDL(MDL:2.0)
38.	OP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
39.	PP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
40.	Alpha Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
41.	Beta Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
42.	Dieldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
43.	2-4 D	ppb	USEPA 1699-2007	BDL(MDL:30.0)
44.	Aldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
45.	Chloropyriphos	ppb	USEPA 1699-2007	BDL(MDL:30.0)
46.	Carboryl (Carbamate)	ppb	USEPA 1699-2007	BDL(MDL:0.01)
47.	Methyl Parathin	ppb	USEPA 1699-2007	BDL(MDL:0.3)
48.	Anilophos	ppb	USEPA 1699-2007	BDL(MDL:0.01)
49.	Malathian	ppb	USEPA 8081 B	BDL(MDL:190.0)
50.	Total Coliform	MPN/ 100 ml	APHA:9221 B 23 rd Edition (Page: 9-69)	>1600
51.	Fecal Coliform	MPN/ 100 ml	APHA:9222 D 23 rd Edition (Page: 9-89)	1600
52.	Fecal Streptococci	MPN/ 100 ml	IS:1622-1981 (R.A.-1996)	321

Statement of conformity:-

Remarks:

BDL: Below Detection Limit, MDL: Minimum Detection Limit

Mrs. Khushbu S. Gajjar
Technical Manager

Mr. Swastik R. Gajjar
Lab Manager(Q)

* End of Report *

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REPORT NUMBER: **EI/WW/0221/037**

DATE OF REPORT: **02-03-2021**

F/7.8/01/Issue No.01/Issue Date: 01-10-2018/ Amend No.:00 / Amend Date:-- / Page 2 of 2

TEST REPORT

REPORT NUMBER: EI/WW/0221/038**DATE OF REPORT: 02-03-2021****CLIENT NAME : POLLUTION CONTROL COMMITTEE,****Dadra and Nagar Haveli and Daman and Diu****ADDRESS : 1st Floor, Udyog Bhavan, Bhenslore, Daman- 396220,INDIA****SAMPLE DETAILS.**

Laboratory ID	: EI/WW/0221/038	Date of Sampling	: 24-02-2021
Sample Type	: Surface Water	Date of Sample Receipt	: 24-02-2021
Type of Sampling	: Grab	Sample Condition	: Good
Place of Sampling	: At Zari Causeway, Kachigam	Quantity of Sample Received	: 5 Liter
Description	: N 20°22'18.62", E 72°52'50.52"	Analysis Start Date	: 24-02-2021
Sampling Protocol / Standard	: IS3025 (Part 1):1987(R.A.2003)	Analysis End Date	: 01-03-2021
Sampling Conducted By	: Nimesh	Duration of Sampling	: -

Sl. No	PARAMETER	UNIT	TEST METHOD	RESULTS
1.	Temperature	°C	APHA:2550 B 23 rd Edition (Page: 2-74)	29
2.	pH @ 25°C	pH	APHA:4500 H ⁺ B 23 rd Edition (Page: 4-13)	6.75
3.	Conductivity	µs/cm	IS:3025 (Part-14)	7542
4.	Dissolve Oxygen	mg/L	IS:3025 (Part-38)	4.6
5.	Biological Oxygen Demand	mg/L	IS:3025 (Part-44)(3 Days at 27°C)	2.6
6.	Nitrate as N	mg/L	IS:3025 (Part-44)	1.1
7.	Ammonia as N	mg/L	APHA:4500 NH ₃ -B-C 23 rd Edition (Page: 4-114)	2.7
8.	Chemical Oxygen Demand	mg/L	APHA:5220 B 23 rd Edition (Page: 5-18)	24.5
9.	Total Kjeldahl Nitrogen	mg/L	IS:3025 (Part-34)	11.2
10.	Total Dissolve Solids	mg/L	APHA:2540 C 23 rd Edition (Page: 2-69)	5204
11.	Total Fixed Solids	mg/L	IS:3025 (Part-18)	3742
12.	Total Suspended Solids	mg/L	APHA:2540 B 23 rd Edition (Page: 2-70)	15
13.	Turbidity	NTU	IS:3025 (Part-10)	0.1
14.	Hardness	mg/L	IS:3025 (Part-21)	962.7
15.	Fluoride	mg/L	IS:3025 (Part-60)	0.9
16.	Boron	mg/L	IS:3025 (Part-57)	0.34
17.	Chloride	mg/L	APHA:4500 Cl ⁻ B 23 rd Edition (Page: 4-75)	2215.7
18.	Sulphate	mg/L	IS:3025 (Part-28)	486.2
19.	Total Alkalinity	mg/L	IS:3025 (Part-23)	164.4
20.	P-Alkalinity	mg/L	IS:3025 (Part-23)	BDL(MDL:4.0)
21.	Phosphate	mg/L	IS:3550 -1965	0.6
22.	Sodium	mg/L	IS:3025 (Part-45)	1347
23.	Potassium	mg/L	IS:3025 (Part-45)	61.4
24.	Calcium	mg/L	IS:3025 (Part-40)	112
25.	Magnesium	mg/L	IS:3025 (Part-46)	128.6
26.	Arsenic	mg/L	IS:3025 (Part-37)	BDL(MDL:0.01)

27.	Nickel	mg/L	IS:3025 (Part-54)	0.081
28.	Copper	mg/L	IS:3025 (Part-42)	BDL(MDL:0.05)
29.	Mercury	mg/L	IS:3025 (Part-48)	BDL(MDL:0.001)
30.	Chromium	mg/L	IS:3025 (Part-52)	BDL(MDL:0.05)
31.	Cadmium	mg/L	IS:3025 (Part-41)	BDL(MDL:0.003)
32.	Zinc	mg/L	IS:3025 (Part-49)	0.053
33.	Lead	mg/L	IS:3025 (Part-47)	BDL(MDL:0.01)
34.	Iron	mg/L	IS:3025 (Part-53)	0.652
35.	Alpha BHC	ppb	USEPA 8081 A	BDL(MDL:0.01)
36.	Beta BHC	ppb	USEPA 8081 A	BDL(MDL:0.04)
37.	Gama BHC	ppb	USEPA 8081 A	BDL(MDL:2.0)
38.	OP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
39.	PP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
40.	Alpha Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
41.	Beta Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
42.	Dieldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
43.	2-4 D	ppb	USEPA 1699-2007	BDL(MDL:30.0)
44.	Aldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
45.	Chloropyriphos	ppb	USEPA 1699-2007	BDL(MDL:30.0)
46.	Carboryl (Carbamate)	ppb	USEPA 1699-2007	BDL(MDL:0.01)
47.	Methyl Parathin	ppb	USEPA 1699-2007	BDL(MDL:0.3)
48.	Anilophos	ppb	USEPA 1699-2007	BDL(MDL:0.01)
49.	Malathian	ppb	USEPA 8081 B	BDL(MDL:190.0)
50.	Total Coliform	MPN/ 100 ml	APHA:9221 B 23 rd Edition (Page: 9-69)	>1600
51.	Fecal Coliform	MPN/ 100 ml	APHA:9222 D 23 rd Edition (Page: 9-89)	1600
52.	Fecal Streptococci	MPN/ 100 ml	IS:1622-1981 (R.A.-1996)	214

Statement of conformity:-

Remarks:

BDL: Below Detection Limit, MDL: Minimum Detection Limit

Mrs. Khushbu S. Gajjar
Technical Manager

Mr. Swastik R. Gajjar
Lab Manager(Q)

* End of Report *

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REPORT NUMBER: **EI/WW/0221/038**

DATE OF REPORT: **02-03-2021**

F/7.8/01/Issue No.01/Issue Date: 01-10-2018/ Amend No.:00 / Amend Date:-- / Page 2 of 2

TEST REPORT

REPORT NUMBER:EI/WW/0221/039**DATE OF REPORT: 02-03-2021****CLIENT NAME : POLLUTION CONTROL COMMITTEE,****Dadra and Nagar Haveli and Daman and Diu****ADDRESS : 1st Floor, Udyog Bhavan, Bhenslore, Daman- 396220,INDIA****SAMPLE DETAILS.**

Laboratory ID	: EI/WW/0221/039	Date of Sampling	: 24-02-2021
Sample Type	: Surface Water	Date of Sample Receipt	: 24-02-2021
Type of Sampling	: Grab	Sample Condition	: Good
Place of Sampling	: At D/s of Discharge Point of Distillery	Quantity of Sample Received	: 5 Liter
Description (GPS)	: N 20°24'0.18", E 72°50'3.1884"	Analysis Start Date	: 24-02-2021
Sampling Protocol / Standard	: IS3025 (Part 1):1987(R.A.2003)	Analysis End Date	: 01-03-2021
Sampling Conducted By	: Nimesh	Duration of Sampling	: -

Sl. No	PARAMETER	UNIT	TEST METHOD	RESULTS
1.	Temperature	°C	APHA:2550 B 23 rd Edition (Page: 2-74)	30
2.	pH @ 25°C	pH	APHA:4500 H ⁺ B 23 rd Edition (Page: 4-13)	6.79
3.	Conductivity	µs/cm	IS:3025 (Part-14)	15824
4.	Dissolve Oxygen	mg/L	IS:3025 (Part-38)	4.9
5.	Biological Oxygen Demand	mg/L	IS:3025 (Part-44)(3 Days at 27°C)	2.7
6.	Nitrate as N	mg/L	IS:3025 (Part-44)	0.4
7.	Ammonia as N	mg/L	APHA:4500 NH ₃ -B-C 23 rd Edition (Page: 4-114)	6.3
8.	Chemical Oxygen Demand	mg/L	APHA:5220 B 23 rd Edition (Page: 5-18)	26.4
9.	Total Kjeldahl Nitrogen	mg/L	IS:3025 (Part-34)	8.2
10.	Total Dissolve Solids	mg/L	APHA:2540 C 23 rd Edition (Page: 2-69)	11708
11.	Total Fixed Solids	mg/L	IS:3025 (Part-18)	7834
12.	Total Suspended Solids	mg/L	APHA:2540 B 23 rd Edition (Page: 2-70)	46
13.	Turbidity	NTU	IS:3025 (Part-10)	1
14.	Hardness	mg/L	IS:3025 (Part-21)	2314.5
15.	Fluoride	mg/L	IS:3025 (Part-60)	0.95
16.	Boron	mg/L	IS:3025 (Part-57)	1.21
17.	Chloride	mg/L	APHA:4500 Cl ⁻ B 23 rd Edition (Page: 4-75)	6415.3
18.	Sulphate	mg/L	IS:3025 (Part-28)	1347.2
19.	Total Alkalinity	mg/L	IS:3025 (Part-23)	162.7
20.	P-Alkalinity	mg/L	IS:3025 (Part-23)	BDL(MDL:4.0)
21.	Phosphate	mg/L	IS:3550 -1965	0.3
22.	Sodium	mg/L	IS:3025 (Part-45)	2641
23.	Potassium	mg/L	IS:3025 (Part-45)	122
24.	Calcium	mg/L	IS:3025 (Part-40)	181.8
25.	Magnesium	mg/L	IS:3025 (Part-46)	398.6

26.	Arsenic	mg/L	IS:3025 (Part-37)	BDL(MDL:0.01)
27.	Nickel	mg/L	IS:3025 (Part-54)	0.235
28.	Copper	mg/L	IS:3025 (Part-42)	BDL(MDL:0.05)
29.	Mercury	mg/L	IS:3025 (Part-48)	BDL(MDL:0.001)
30.	Chromium	mg/L	IS:3025 (Part-52)	0.061
31.	Cadmium	mg/L	IS:3025 (Part-41)	0.117
32.	Zinc	mg/L	IS:3025 (Part-49)	0.084
33.	Lead	mg/L	IS:3025 (Part-47)	BDL(MDL:0.01)
34.	Iron	mg/L	IS:3025 (Part-53)	0.783
35.	Alpha BHC	ppb	USEPA 8081 A	BDL(MDL:0.01)
36.	Beta BHC	ppb	USEPA 8081 A	BDL(MDL:0.04)
37.	Gama BHC	ppb	USEPA 8081 A	BDL(MDL:2.0)
38.	OP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
39.	PP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
40.	Alpha Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
41.	Beta Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
42.	Dieldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
43.	2-4 D	ppb	USEPA 1699-2007	BDL(MDL:30.0)
44.	Aldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
45.	Chloropyriphos	ppb	USEPA 1699-2007	BDL(MDL:30.0)
46.	Carboryl (Carbamate)	ppb	USEPA 1699-2007	BDL(MDL:0.01)
47.	Methyl Parathin	ppb	USEPA 1699-2007	BDL(MDL:0.3)
48.	Anilophos	ppb	USEPA 1699-2007	BDL(MDL:0.01)
49.	Malathian	ppb	USEPA 8081 B	BDL(MDL:190.0)
50.	Total Coliform	MPN/ 100 ml	APHA:9221 B 23 rd Edition (Page: 9-69)	397
51.	Fecal Coliform	MPN/ 100 ml	APHA:9222 D 23 rd Edition (Page: 9-89)	109
52.	Fecal Streptococci	MPN/ 100 ml	IS:1622-1981 (R.A.-1996)	21

Statement of conformity:-

Remarks: .

BDL: Below Detection Limit, MDL: Minimum Detection Limit

Mrs. Khushbu S. Gajjar
Technical Manager

Mr. Swastik R. Gajjar
Lab Manager(Q)

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REPORT NUMBER: **EI/WW/0221/039**

DATE OF REPORT: **02-03-2021**

F/7.8/01/Issue No.01/Issue Date: 01-10-2018/ Amend No.:00 / Amend Date:-- / Page 2 of 2

TEST REPORT

REPORT NUMBER:EI/WW/0221/040**DATE OF REPORT: 02-03-2021****CLIENT NAME : POLLUTION CONTROL COMMITTEE,****Dadra and Nagar Haveli and Daman and Diu****ADDRESS : 1st Floor, Udyog Bhavan, Bhenslore, Daman- 396220,INDIA****SAMPLE DETAILS.**

Laboratory ID	: EI/WW/0221/040	Date of Sampling	: 24-02-2021
Sample Type	: Surface Water	Date of Sample Receipt	: 24-02-2021
Type of Sampling	: Grab	Sample Condition	: Good
Place of Sampling	: At Moti Daman Jetty	Quantity of Sample Received	: 5 Liter
Description	: N 20°24'40.18", E 72°50'3.19"	Analysis Start Date	: 24-02-2021
Sampling Protocol / Standard	: IS3025 (Part 1):1987(R.A.2003)	Analysis End Date	: 01-03-2021
Sampling Conducted By	: Nimesh	Duration of Sampling	: -

Sl. No	PARAMETER	UNIT	TEST METHOD	RESULTS
1.	Temperature	°C	APHA:2550 B 23 rd Edition (Page: 2-74)	29
2.	pH @ 25°C	pH	APHA:4500 H ⁺ B 23 rd Edition (Page: 4-13)	6.7
3.	Conductivity	µs/cm	IS:3025 (Part-14)	19214
4.	Dissolve Oxygen	mg/L	IS:3025 (Part-38)	6.1
5.	Biological Oxygen Demand	mg/L	IS:3025 (Part-44)(3 Days at 27°C)	2.8
6.	Nitrate as N	mg/L	IS:3025 (Part-44)	0.5
7.	Ammonia as N	mg/L	APHA:4500 NH ₃ -B-C 23 rd Edition (Page: 4-114)	2.5
8.	Chemical Oxygen Demand	mg/L	APHA:5220 B 23 rd Edition (Page: 5-18)	23.4
9.	Total Kjeldahl Nitrogen	mg/L	IS:3025 (Part-34)	8.9
10.	Total Dissolve Solids	mg/L	APHA:2540 C 23 rd Edition (Page: 2-69)	12489
11.	Total Fixed Solids	mg/L	IS:3025 (Part-18)	8814
12.	Total Suspended Solids	mg/L	APHA:2540 B 23 rd Edition (Page: 2-70)	53
13.	Turbidity	NTU	IS:3025 (Part-10)	5
14.	Hardness	mg/L	IS:3025 (Part-21)	3145
15.	Fluoride	mg/L	IS:3025 (Part-60)	0.42
16.	Boron	mg/L	IS:3025 (Part-57)	0.28
17.	Chloride	mg/L	APHA:4500 Cl ⁻ B 23 rd Edition (Page: 4-75)	6512.7
18.	Sulphate	mg/L	IS:3025 (Part-28)	1762.4
19.	Total Alkalinity	mg/L	IS:3025 (Part-23)	151.6
20.	P-Alkalinity	mg/L	IS:3025 (Part-23)	BDL(MDL:4.0)
21.	Phosphate	mg/L	IS:3550 -1965	0.9
22.	Sodium	mg/L	IS:3025 (Part-45)	2894
23.	Potassium	mg/L	IS:3025 (Part-45)	136
24.	Calcium	mg/L	IS:3025 (Part-40)	235.4
25.	Magnesium	mg/L	IS:3025 (Part-46)	845.3
26.	Arsenic	mg/L	IS:3025 (Part-37)	BDL(MDL:0.01)

27.	Nickel	mg/L	IS:3025 (Part-54)	0.371
28.	Copper	mg/L	IS:3025 (Part-42)	0.051
29.	Mercury	mg/L	IS:3025 (Part-48)	BDL(MDL:0.001)
30.	Chromium	mg/L	IS:3025 (Part-52)	0.85
31.	Cadmium	mg/L	IS:3025 (Part-41)	0.183
32.	Zinc	mg/L	IS:3025 (Part-49)	0.104
33.	Lead	mg/L	IS:3025 (Part-47)	BDL(MDL:0.01)
34.	Iron	mg/L	IS:3025 (Part-53)	0.89
35.	Alpha BHC	ppb	USEPA 8081 A	BDL(MDL:0.01)
36.	Beta BHC	ppb	USEPA 8081 A	BDL(MDL:0.04)
37.	Gama BHC	ppb	USEPA 8081 A	BDL(MDL:2.0)
38.	OP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
39.	PP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
40.	Alpha Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
41.	Beta Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
42.	Dieldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
43.	2-4 D	ppb	USEPA 1699-2007	BDL(MDL:30.0)
44.	Aldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
45.	Chloropyriphos	ppb	USEPA 1699-2007	BDL(MDL:30.0)
46.	Carboryl (Carbamate)	ppb	USEPA 1699-2007	BDL(MDL:0.01)
47.	Methyl Parathin	ppb	USEPA 1699-2007	BDL(MDL:0.3)
48.	Anilophos	ppb	USEPA 1699-2007	BDL(MDL:0.01)
49.	Malathian	ppb	USEPA 8081 B	BDL(MDL:190.0)
50.	Total Coliform	MPN/ 100 ml	APHA:9221 B 23 rd Edition (Page: 9-69)	336
51.	Fecal Coliform	MPN/ 100 ml	APHA:9222 D 23 rd Edition (Page: 9-89)	36
52.	Fecal Streptococci	MPN/ 100 ml	IS:1622-1981 (R.A.-1996)	23

Statement of conformity:-

Remarks:

BDL: Below Detection Limit, MDL: Minimum Detection Limit

Mrs. Khushbu S. Gajjar
Technical Manager

Mr. Swastik R. Gajjar
Lab Manager(Q)

* End of Report *

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REPORT NUMBER: **EI/WW/0221/040**

DATE OF REPORT: **02-03-2021**

F/7.8/01/Issue No.01/Issue Date: 01-10-2018/ Amend No.:00 / Amend Date:-- / Page 2 of 2

TEST REPORT

REPORT NUMBER:EI/WW/0221/041

DATE OF REPORT: 02-03-2021

CLIENT NAME : POLLUTION CONTROL COMMITTEE,

Dadra and Nagar Haveli and Daman and Diu

ADDRESS : 1st Floor, Udyog Bhavan, Bhenslore, Daman- 396220,INDIA

SAMPLE DETAILS.

Laboratory ID : EI/WW/0221/041	Date of Sampling : 24-02-2021
Sample Type : Surface Water	Date of Sample Receipt : 24-02-2021
Type of Sampling : Grab	Sample Condition : Good
Place of Sampling : Outlet of CETP, Vapi	Quantity of Sample Received : 5 Liter
Description : N 20°20'34.62" E72°54'20.38"	Analysis Start Date : 24-02-2021
Sampling Protocol / Standard : IS3025 (Part 1):1987(R.A.2003)	Analysis End Date : 01-03-2021
Sampling Conducted By : Nimesh	Duration of Sampling : -

Sl. No	PARAMETER	UNIT	TEST METHOD	RESULTS
1.	Temperature	°C	APHA:2550 B 23 rd Edition (Page: 2-74)	29
2.	pH @ 25°C	pH	APHA:4500 H ⁺ B 23 rd Edition (Page: 4-13)	7.01
3.	Conductivity	µs/cm	IS:3025 (Part-14)	8241
4.	Dissolve Oxygen	mg/L	IS:3025 (Part-38)	3.4
5.	Biological Oxygen Demand	mg/L	IS:3025 (Part-44)(3 Days at 27°C)	29
6.	Nitrate as N	mg/L	IS:3025 (Part-44)	2.3
7.	Ammonia as N	mg/L	APHA:4500 NH ₃ -B-C 23 rd Edition (Page: 4-114)	32.3
8.	Chemical Oxygen Demand	mg/L	APHA:5220 B 23 rd Edition (Page: 5-18)	218.4
9.	Total Kjeldahl Nitrogen	mg/L	IS:3025 (Part-34)	36.2
10.	Total Dissolve Solids	mg/L	APHA:2540 C 23 rd Edition (Page: 2-69)	5934
11.	Total Fixed Solids	mg/L	IS:3025 (Part-18)	3434
12.	Total Suspended Solids	mg/L	APHA:2540 B 23 rd Edition (Page: 2-70)	16
13.	Turbidity	NTU	IS:3025 (Part-10)	0.1
14.	Hardness	mg/L	IS:3025 (Part-21)	2310.5
15.	Fluoride	mg/L	IS:3025 (Part-60)	0.83
16.	Boron	mg/L	IS:3025 (Part-57)	0.42
17.	Chloride	mg/L	APHA:4500 Cl ⁻ B 23 rd Edition (Page: 4-75)	2342.3
18.	Sulphate	mg/L	IS:3025 (Part-28)	934.4
19.	Total Alkalinity	mg/L	IS:3025 (Part-23)	231.4
20.	P-Alkalinity	mg/L	IS:3025 (Part-23)	BDL(MDL:4.0)
21.	Phosphate	mg/L	IS:3550 -1965	0.8
22.	Sodium	mg/L	IS:3025 (Part-45)	889
23.	Potassium	mg/L	IS:3025 (Part-45)	29.4
24.	Calcium	mg/L	IS:3025 (Part-40)	786.2
25.	Magnesium	mg/L	IS:3025 (Part-46)	75.6
26.	Arsenic	mg/L	IS:3025 (Part-37)	BDL(MDL:0.01)

27.	Nickel	mg/L	IS:3025 (Part-54)	0.215
28.	Copper	mg/L	IS:3025 (Part-42)	0.078
29.	Mercury	mg/L	IS:3025 (Part-48)	BDL(MDL:0.001)
30.	Chromium	mg/L	IS:3025 (Part-52)	0.134
31.	Cadmium	mg/L	IS:3025 (Part-41)	0.061
32.	Zinc	mg/L	IS:3025 (Part-49)	0.62
33.	Lead	mg/L	IS:3025 (Part-47)	BDL(MDL:0.01)
34.	Iron	mg/L	IS:3025 (Part-53)	1.84
35.	Alpha BHC	ppb	USEPA 8081 A	BDL(MDL:0.01)
36.	Beta BHC	ppb	USEPA 8081 A	BDL(MDL:0.04)
37.	Gama BHC	ppb	USEPA 8081 A	BDL(MDL:2.0)
38.	OP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
39.	PP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
40.	Alpha Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
41.	Beta Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
42.	Dieldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
43.	2-4 D	ppb	USEPA 1699-2007	BDL(MDL:30.0)
44.	Aldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
45.	Chloropyriphos	ppb	USEPA 1699-2007	BDL(MDL:30.0)
46.	Carboryl (Carbamate)	ppb	USEPA 1699-2007	BDL(MDL:0.01)
47.	Methyl Parathin	ppb	USEPA 1699-2007	BDL(MDL:0.3)
48.	Anilophos	ppb	USEPA 1699-2007	BDL(MDL:0.01)
49.	Malathian	ppb	USEPA 8081 B	BDL(MDL:190.0)
50.	Total Coliform	MPN/ 100 ml	APHA:9221 B 23 rd Edition (Page: 9-69)	>1600
51.	Fecal Coliform	MPN/ 100 ml	APHA:9222 D 23 rd Edition (Page: 9-89)	1600
52.	Fecal Streptococci	MPN/ 100 ml	IS:1622-1981 (R.A.-1996)	342

Statement of conformity:-

Remarks:

BDL: Below Detection Limit, MDL: Minimum Detection Limit

Mrs. Khushbu S. Gajjar
Technical Manager

Mr. Swastik R. Gajjar
Lab Manager(Q)

* End of Report *

- 1) The results relate only to the items tested.
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REPORT NUMBER: **EI/WW/0221/041**

DATE OF REPORT: **02-03-2021**

F/7.8/01/Issue No.01/Issue Date: 01-10-2018/ Amend No.:00 / Amend Date:-- / Page 2 of 2

TEST REPORT

REPORT NUMBER:EI/WW/0221/042**DATE OF REPORT: 02-03-2021****CLIENT NAME : POLLUTION CONTROL COMMITTEE,****Dadra and Nagar Haveli and Daman and Diu****ADDRESS : 1st Floor, Udyog Bhavan, Bhenslore, Daman- 396220,INDIA****SAMPLE DETAILS.**

Laboratory ID	: EI/WW/0221/042	Date of Sampling	: 24-02-2021
Sample Type	: Surface Water	Date of Sample Receipt	: 24-02-2021
Type of Sampling	: Grab	Sample Condition	: Good
Place of Sampling	: Outlet of GHCL,Bhilad	Quantity of Sample Received	: 5 Liter
Description	: N 20°17'35.81" E72°53'49.31"	Analysis Start Date	: 24-02-2021
Sampling Protocol / Standard	: IS3025 (Part 1):1987(R.A.2003)	Analysis End Date	: 01-03-2021
Sampling Conducted By	: Nimesh	Duration of Sampling	: -

Sl. No	PARAMETER	UNIT	TEST METHOD	RESULTS
1.	Temperature	°C	APHA:2550 B 23 rd Edition (Page: 2-74)	29
2.	pH @ 25°C	pH	APHA:4500 H ⁺ B 23 rd Edition (Page: 4-13)	7.45
3.	Conductivity	µs/cm	IS:3025 (Part-14)	1804
4.	Dissolve Oxygen	mg/L	IS:3025 (Part-38)	3.1
5.	Biological Oxygen Demand	mg/L	IS:3025 (Part-44)(3 Days at 27°C)	39
6.	Nitrate as N	mg/L	IS:3025 (Part-44)	3.8
7.	Ammonia as N	mg/L	APHA:4500 NH ₃ -B-C 23 rd Edition (Page: 4-114)	3.8
8.	Chemical Oxygen Demand	mg/L	APHA:5220 B 23 rd Edition (Page: 5-18)	223.4
9.	Total Kjeldahl Nitrogen	mg/L	IS:3025 (Part-34)	12.4
10.	Total Dissolve Solids	mg/L	APHA:2540 C 23 rd Edition (Page: 2-69)	1227
11.	Total Fixed Solids	mg/L	IS:3025 (Part-18)	857
12.	Total Suspended Solids	mg/L	APHA:2540 B 23 rd Edition (Page: 2-70)	82
13.	Turbidity	NTU	IS:3025 (Part-10)	5
14.	Hardness	mg/L	IS:3025 (Part-21)	211
15.	Fluoride	mg/L	IS:3025 (Part-60)	0.39
16.	Boron	mg/L	IS:3025 (Part-57)	ND
17.	Chloride	mg/L	APHA:4500 Cl ⁻ B 23 rd Edition (Page: 4-75)	384.1
18.	Sulphate	mg/L	IS:3025 (Part-28)	211.5
19.	Total Alkalinity	mg/L	IS:3025 (Part-23)	354
20.	P-Alkalinity	mg/L	IS:3025 (Part-23)	BDL(MDL:4.0)
21.	Phosphate	mg/L	IS:3550 -1965	0.9
22.	Sodium	mg/L	IS:3025 (Part-45)	321
23.	Potassium	mg/L	IS:3025 (Part-45)	7.1
24.	Calcium	mg/L	IS:3025 (Part-40)	53.6
25.	Magnesium	mg/L	IS:3025 (Part-46)	14.6
26.	Arsenic	mg/L	IS:3025 (Part-37)	BDL(MDL:0.01)

27.	Nickel	mg/L	IS:3025 (Part-54)	BDL(MDL:0.02)
28.	Copper	mg/L	IS:3025 (Part-42)	BDL(MDL:0.05)
29.	Mercury	mg/L	IS:3025 (Part-48)	BDL(MDL:0.001)
30.	Chromium	mg/L	IS:3025 (Part-52)	0.064
31.	Cadmium	mg/L	IS:3025 (Part-41)	BDL(MDL:0.003)
32.	Zinc	mg/L	IS:3025 (Part-49)	BDL(MDL:0.05)
33.	Iron	mg/L	IS:3025 (Part-53)	BDL(MDL:0.01)
34.	Lead	mg/L	IS:3025 (Part-47)	0.67
35.	Alpha BHC	ppb	USEPA 8081 A	BDL(MDL:0.01)
36.	Beta BHC	ppb	USEPA 8081 A	BDL(MDL:0.04)
37.	Gama BHC	ppb	USEPA 8081 A	BDL(MDL:2.0)
38.	OP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
39.	PP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
40.	Alpha Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
41.	Beta Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
42.	Dieldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
43.	2-4 D	ppb	USEPA 1699-2007	BDL(MDL:30.0)
44.	Aldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
45.	Chloropyriphos	ppb	USEPA 1699-2007	BDL(MDL:30.0)
46.	Carboryl (Carbamate)	ppb	USEPA 1699-2007	BDL(MDL:0.01)
47.	Methyl Parathin	ppb	USEPA 1699-2007	BDL(MDL:0.3)
48.	Anilophos	ppb	USEPA 1699-2007	BDL(MDL:0.01)
49.	Malathian	ppb	USEPA 8081 B	BDL(MDL:190.0)
50.	Total Coliform	MPN/ 100 ml	APHA:9221 B 23 rd Edition (Page: 9-69)	>1600
51.	Fecal Coliform	MPN/ 100 ml	APHA:9222 D 23 rd Edition (Page: 9-89)	1600
52.	Fecal Streptococci	MPN/ 100 ml	IS:1622-1981 (R.A.-1996)	875

Statement of conformity:-

Remarks:

BDL: Below Detection Limit, MDL: Minimum Detection Limit

Mrs. Khushbu S. Gajjar
Technical Manager

Mr. Swastik R. Gajjar
Lab Manager(Q)

* End of Report *

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REPORT NUMBER: **EI/WW/0221/042**

DATE OF REPORT: **02-03-2021**

F/7.8/01/Issue No.01/Issue Date: 01-10-2018/ Amend No.:00 / Amend Date:-- / Page 2 of 2

TEST REPORT

REPORT NUMBER: EI/WW/0221/043**DATE OF REPORT: 02-03-2021****CLIENT NAME : POLLUTION CONTROL COMMITTEE,****Dadra and Nagar Haveli and Daman and Diu****ADDRESS : 1st Floor, Udyog Bhavan, Bhenslore, Daman- 396220,INDIA****SAMPLE DETAILS.**

Laboratory ID	: EI/WW/0221/043	Date of Sampling	: 24-02-2021
Sample Type	: Surface Water	Date of Sample Receipt	: 24-02-2021
Type of Sampling	: Grab	Sample Condition	: Good
Place of Sampling	: 100 meter Downstream of outlet of CETP, Vapi (from river)	Quantity of Sample Received	: 5 Liter
Description (GPS)	: N 20°20'31.52", E72°54'16.88"	Analysis Start Date	: 24-02-2021
Sampling Protocol / Standard	: IS3025 (Part 1):1987(R.A.2003)	Analysis End Date	: 01-03-2021
Sampling Conducted By	: Nimesh	Duration of Sampling	: -

Sl. No	PARAMETER	UNIT	TEST METHOD	RESULTS
1.	Temperature	°C	APHA:2550 B 23 rd Edition (Page: 2-74)	29
2.	pH @ 25°C	pH	APHA:4500 H ⁺ B 23 rd Edition (Page: 4-13)	7.24
3.	Conductivity	µs/cm	IS:3025 (Part-14)	1687
4.	Dissolve Oxygen	mg/L	IS:3025 (Part-38)	4.9
5.	Biological Oxygen Demand	mg/L	IS:3025 (Part-44)(3 Days at 27°C)	2.8
6.	Nitrate as N	mg/L	IS:3025 (Part-44)	3.5
7.	Ammonia as N	mg/L	APHA:4500 NH ₃ -B-C 23 rd Edition (Page: 4-114)	4.2
8.	Chemical Oxygen Demand	mg/L	APHA:5220 B 23 rd Edition (Page: 5-18)	26.6
9.	Total Kjeldahl Nitrogen	mg/L	IS:3025 (Part-34)	10.7
10.	Total Dissolve Solids	mg/L	APHA:2540 C 23 rd Edition (Page: 2-69)	1282
11.	Total Fixed Solids	mg/L	IS:3025 (Part-18)	913
12.	Total Suspended Solids	mg/L	APHA:2540 B 23 rd Edition (Page: 2-70)	9
13.	Turbidity	NTU	IS:3025 (Part-10)	0.1
14.	Hardness	mg/L	IS:3025 (Part-21)	296.3
15.	Fluoride	mg/L	IS:3025 (Part-60)	0.42
16.	Boron	mg/L	IS:3025 (Part-57)	ND
17.	Chloride	mg/L	APHA:4500 Cl ⁻ B 23 rd Edition (Page: 4-75)	394.5
18.	Sulphate	mg/L	IS:3025 (Part-28)	94.8
19.	Total Alkalinity	mg/L	IS:3025 (Part-23)	235
20.	P-Alkalinity	mg/L	IS:3025 (Part-23)	BDL(MDL:4.0)
21.	Phosphate	mg/L	IS:3550 -1965	0.8
22.	Sodium	mg/L	IS:3025 (Part-45)	198.4
23.	Potassium	mg/L	IS:3025 (Part-45)	12.5
24.	Calcium	mg/L	IS:3025 (Part-40)	402.7
25.	Magnesium	mg/L	IS:3025 (Part-46)	26.1

26.	Arsenic	mg/L	IS:3025 (Part-37)	BDL(MDL:0.01)
27.	Nickel	mg/L	IS:3025 (Part-54)	BDL(MDL:0.02)
28.	Copper	mg/L	IS:3025 (Part-42)	BDL(MDL:0.05)
29.	Mercury	mg/L	IS:3025 (Part-48)	BDL(MDL:0.001)
30.	Chromium	mg/L	IS:3025 (Part-52)	BDL(MDL:0.05)
31.	Cadmium	mg/L	IS:3025 (Part-41)	BDL(MDL:0.003)
32.	Zinc	mg/L	IS:3025 (Part-49)	0.054
33.	Lead	mg/L	IS:3025 (Part-47)	BDL(MDL:0.01)
34.	Iron	mg/L	IS:3025 (Part-53)	0.235
35.	Alpha BHC	ppb	USEPA 8081 A	BDL(MDL:0.01)
36.	Beta BHC	ppb	USEPA 8081 A	BDL(MDL:0.04)
37.	Gama BHC	ppb	USEPA 8081 A	BDL(MDL:2.0)
38.	OP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
39.	PP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
40.	Alpha Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
41.	Beta Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
42.	Dieldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
43.	2-4 D	ppb	USEPA 1699-2007	BDL(MDL:30.0)
44.	Aldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
45.	Chloropyriphos	ppb	USEPA 1699-2007	BDL(MDL:30.0)
46.	Carboryl (Carbamate)	ppb	USEPA 1699-2007	BDL(MDL:0.01)
47.	Methyl Parathin	ppb	USEPA 1699-2007	BDL(MDL:0.3)
48.	Anilophos	ppb	USEPA 1699-2007	BDL(MDL:0.01)
49.	Malathian	ppb	USEPA 8081 B	BDL(MDL:190.0)
50.	Total Coliform	MPN/ 100 ml	APHA:9221 B 23 rd Edition (Page: 9-69)	>1600
51.	Fecal Coliform	MPN/ 100 ml	APHA:9222 D 23 rd Edition (Page: 9-89)	1600
52.	Fecal Streptococci	MPN/ 100 ml	IS:1622-1981 (R.A.-1996)	864

Statement of conformity:-

Remarks:

BDL: Below Detection Limit, MDL: Minimum Detection Limit

Mrs. Khushbu S. Gajjar
Technical Manager

Mr. Swastik R. Gajjar
Lab Manager(Q)

* End of Report *

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REPORT NUMBER: **EI/WW/0221/043**

DATE OF REPORT: **02-03-2021**

F/7.8/01/Issue No.01/Issue Date: 01-10-2018/ Amend No.:00 / Amend Date:-- / Page 2 of 2

TEST REPORT

REPORT NUMBER:EI/WW/0221/044

DATE OF REPORT: 02-03-2021

CLIENT NAME : POLLUTION CONTROL COMMITTEE,

Dadra and Nagar Haveli and Daman and Diu

ADDRESS : 1st Floor, Udyog Bhavan, Bhenslore, Daman- 396220,INDIA

SAMPLE DETAILS.

Laboratory ID	: EI/WW/0221/044	Date of Sampling	: 24-02-2021
Sample Type	: Surface Water	Date of Sample Receipt	: 24-02-2021
Type of Sampling	: Grab	Sample Condition	: Good
Place of Sampling	: At Patalia Bridge(Kolak River)	Quantity of Sample Received	: 5 Liter
Description (GPS)	: N 20°27'41", E72°53'12.59"	Analysis Start Date	: 24-02-2021
Sampling Protocol / Standard	: IS3025 (Part 1):1987(R.A.2003)	Analysis End Date	: 01-03-2021
Sampling Conducted By	: Nimesh	Duration of Sampling	: -

Sl. No	PARAMETER	UNIT	TEST METHOD	RESULTS
1.	Temperature	°C	APHA:2550 B 23 rd Edition (Page: 2-74)	29
2.	pH @ 25°C	pH	APHA:4500 H ⁺ B 23 rd Edition (Page: 4-13)	7.24
3.	Conductivity	µs/cm	IS:3025 (Part-14)	1687
4.	Dissolve Oxygen	mg/L	IS:3025 (Part-38)	4.9
5.	Biological Oxygen Demand	mg/L	IS:3025 (Part-44)(3 Days at 27°C)	2.8
6.	Nitrate as N	mg/L	IS:3025 (Part-44)	3.5
7.	Ammonia as N	mg/L	APHA:4500 NH ₃ -B-C 23 rd Edition (Page: 4-114)	4.2
8.	Chemical Oxygen Demand	mg/L	APHA:5220 B 23 rd Edition (Page: 5-18)	26.6
9.	Total Kjeldahl Nitrogen	mg/L	IS:3025 (Part-34)	10.7
10.	Total Dissolve Solids	mg/L	APHA:2540 C 23 rd Edition (Page: 2-69)	1282
11.	Total Fixed Solids	mg/L	IS:3025 (Part-18)	913
12.	Total Suspended Solids	mg/L	APHA:2540 B 23 rd Edition (Page: 2-70)	9
13.	Turbidity	NTU	IS:3025 (Part-10)	0.1
14.	Hardness	mg/L	IS:3025 (Part-21)	296.3
15.	Fluoride	mg/L	IS:3025 (Part-60)	0.42
16.	Boron	mg/L	IS:3025 (Part-57)	ND
17.	Chloride	mg/L	APHA:4500 Cl ⁻ B 23 rd Edition (Page: 4-75)	394.5
18.	Sulphate	mg/L	IS:3025 (Part-28)	94.8
19.	Total Alkalinity	mg/L	IS:3025 (Part-23)	235
20.	P-Alkalinity	mg/L	IS:3025 (Part-23)	BDL(MDL:4.0)
21.	Phosphate	mg/L	IS:3550 -1965	2.6
22.	Sodium	mg/L	IS:3025 (Part-45)	1934.8
23.	Potassium	mg/L	IS:3025 (Part-45)	98.4
24.	Calcium	mg/L	IS:3025 (Part-40)	129.3
25.	Magnesium	mg/L	IS:3025 (Part-46)	272.3
26.	Arsenic	mg/L	IS:3025 (Part-37)	BDL(MDL:0.01)

27.	Nickel	mg/L	IS:3025 (Part-54)	BDL(MDL:0.02)
28.	Copper	mg/L	IS:3025 (Part-42)	BDL(MDL:0.05)
29.	Mercury	mg/L	IS:3025 (Part-48)	BDL(MDL:0.001)
30.	Chromium	mg/L	IS:3025 (Part-52)	BDL(MDL:0.05)
31.	Cadmium	mg/L	IS:3025 (Part-41)	BDL(MDL:0.003)
32.	Zinc	mg/L	IS:3025 (Part-49)	BDL(MDL:0.05)
33.	Lead	mg/L	IS:3025 (Part-47)	BDL(MDL:0.01)
34.	Iron	mg/L	IS:3025 (Part-53)	0.167
35.	Alpha BHC	ppb	USEPA 8081 A	BDL(MDL:0.01)
36.	Beta BHC	ppb	USEPA 8081 A	BDL(MDL:0.04)
37.	Gama BHC	ppb	USEPA 8081 A	BDL(MDL:2.0)
38.	OP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
39.	PP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
40.	Alpha Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
41.	Beta Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
42.	Dieldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
43.	2-4 D	ppb	USEPA 1699-2007	BDL(MDL:30.0)
44.	Aldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
45.	Chloropyriphos	ppb	USEPA 1699-2007	BDL(MDL:30.0)
46.	Carboryl (Carbamate)	ppb	USEPA 1699-2007	BDL(MDL:0.01)
47.	Methyl Parathin	ppb	USEPA 1699-2007	BDL(MDL:0.3)
48.	Anilophos	ppb	USEPA 1699-2007	BDL(MDL:0.01)
49.	Malathian	ppb	USEPA 8081 B	BDL(MDL:190.0)
50.	Total Coliform	MPN/ 100 ml	APHA:9221 B 23 rd Edition (Page: 9-69)	>1600
51.	Fecal Coliform	MPN/ 100 ml	APHA:9222 D 23 rd Edition (Page: 9-89)	1600
52.	Fecal Streptococci	MPN/ 100 ml	IS:1622-1981 (R.A.-1996)	398

Statement of conformity:-

Remarks:

BDL: Below Detection Limit, MDL: Minimum Detection Limit

Mrs. Khushbu S. Gajjar
Technical Manager

Mr. Swastik R. Gajjar
Lab Manager(Q)

* End of Report *

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REPORT NUMBER: **EI/WW/0221/044**

DATE OF REPORT: **02-03-2021**

F/7.8/01/Issue No.01/Issue Date: 01-10-2018/ Amend No.:00 / Amend Date:-- / Page 2 of 2

TEST REPORT

REPORT NUMBER: EI/WW/0221/045

DATE OF REPORT: 02-03-2021

CLIENT NAME : POLLUTION CONTROL COMMITTEE,

Dadra and Nagar Haveli and Daman and Diu

ADDRESS : 1st Floor, Udyog Bhavan, Bhenslore, Daman- 396220,INDIA

SAMPLE DETAILS.

Laboratory ID : EI/WW/0221/045	Date of Sampling : 24-02-2021
Sample Type : Surface Water	Date of Sample Receipt : 24-02-2021
Type of Sampling : Grab	Sample Condition : Good
Place of Sampling : At N.H.No.8,Vapi (Kolak River)	Quantity of Sample Received : 5 Liter
Description (GPS) : N 20°25'24.2", E72°54'57.28"	Analysis Start Date : 24-02-2021
Sampling Protocol / Standard : IS3025 (Part 1):1987(R.A.2003)	Analysis End Date : 01-03-2021
Sampling Conducted By : Nimesh	Duration of Sampling : -

Sl. No	PARAMETER	UNIT	TEST METHOD	RESULTS
1.	Temperature	°C	APHA:2550 B 23 rd Edition (Page: 2-74)	30
2.	pH @ 25°C	pH	APHA:4500 H ⁺ B 23 rd Edition (Page: 4-13)	7.69
3.	Conductivity	µs/cm	IS:3025 (Part-14)	452
4.	Dissolve Oxygen	mg/L	IS:3025 (Part-38)	5.5
5.	Biological Oxygen Demand	mg/L	IS:3025 (Part-44)(3 Days at 27°C)	2.1
6.	Nitrate as N	mg/L	IS:3025 (Part-44)	3.2
7.	Ammonia as N	mg/L	APHA:4500 NH ₃ -B-C 23 rd Edition (Page: 4-114)	BDL(MDL:2.0)
8.	Chemical Oxygen Demand	mg/L	APHA:5220 B 23 rd Edition (Page: 5-18)	18.6
9.	Total Kjeldahl Nitrogen	mg/L	IS:3025 (Part-34)	BDL(MDL:2.0)
10.	Total Dissolve Solids	mg/L	APHA:2540 C 23 rd Edition (Page: 2-69)	285
11.	Total Fixed Solids	mg/L	IS:3025 (Part-18)	174
12.	Total Suspended Solids	mg/L	APHA:2540 B 23 rd Edition (Page: 2-70)	7
13.	Turbidity	NTU	IS:3025 (Part-10)	0.1
14.	Hardness	mg/L	IS:3025 (Part-21)	159.2
15.	Fluoride	mg/L	IS:3025 (Part-60)	0.47
16.	Boron	mg/L	IS:3025 (Part-57)	ND
17.	Chloride	mg/L	APHA:4500 Cl ⁻ B 23 rd Edition (Page: 4-75)	38.1
18.	Sulphate	mg/L	IS:3025 (Part-28)	19.4
19.	Total Alkalinity	mg/L	IS:3025 (Part-23)	164.1
20.	P-Alkalinity	mg/L	IS:3025 (Part-23)	BDL(MDL:4.0)
21.	Phosphate	mg/L	IS:3550 -1965	0.13
22.	Sodium	mg/L	IS:3025 (Part-45)	28.4
23.	Potassium	mg/L	IS:3025 (Part-45)	1.2
24.	Calcium	mg/L	IS:3025 (Part-40)	32.9
25.	Magnesium	mg/L	IS:3025 (Part-46)	11.5

26.	Arsenic	mg/L	IS:3025 (Part-37)	BDL(MDL:0.01)
27.	Nickel	mg/L	IS:3025 (Part-54)	BDL(MDL:0.02)
28.	Copper	mg/L	IS:3025 (Part-42)	BDL(MDL:0.05)
29.	Mercury	mg/L	IS:3025 (Part-48)	BDL(MDL:0.001)
30.	Chromium	mg/L	IS:3025 (Part-52)	BDL(MDL:0.05)
31.	Cadmium	mg/L	IS:3025 (Part-41)	BDL(MDL:0.003)
32.	Zinc	mg/L	IS:3025 (Part-49)	BDL(MDL:0.05)
33.	Lead	mg/L	IS:3025 (Part-47)	BDL(MDL:0.01)
34.	Iron	mg/L	IS:3025 (Part-53)	BDL(MDL:0.01)
35.	Alpha BHC	ppb	USEPA 8081 A	BDL(MDL:0.01)
36.	Beta BHC	ppb	USEPA 8081 A	BDL(MDL:0.04)
37.	Gama BHC	ppb	USEPA 8081 A	BDL(MDL:2.0)
38.	OP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
39.	PP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
40.	Alpha Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
41.	Beta Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
42.	Dieldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
43.	2-4 D	ppb	USEPA 1699-2007	BDL(MDL:30.0)
44.	Aldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
45.	Chloropyriphos	ppb	USEPA 1699-2007	BDL(MDL:30.0)
46.	Carboryl (Carbamate)	ppb	USEPA 1699-2007	BDL(MDL:0.01)
47.	Methyl Parathin	ppb	USEPA 1699-2007	BDL(MDL:0.3)
48.	Anilophos	ppb	USEPA 1699-2007	BDL(MDL:0.01)
49.	Malathian	ppb	USEPA 8081 B	BDL(MDL:190.0)
50.	Total Coliform	MPN/ 100 ml	APHA:9221 B 23 rd Edition (Page: 9-69)	347
51.	Fecal Coliform	MPN/ 100 ml	APHA:9222 D 23 rd Edition (Page: 9-89)	138
52.	Fecal Streptococci	MPN/ 100 ml	IS:1622-1981 (R.A.-1996)	35

Statement of conformity:-

Remarks:

BDL: Below Detection Limit, MDL: Minimum Detection Limit

Mrs. Khushbu S. Gajjar
Technical Manager

Mr. Swastik R. Gajjar
Lab Manager(Q)

* End of Report *

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REPORT NUMBER: **EI/WW/0221/045**

DATE OF REPORT: **02-03-2021**

F/7.8/01/Issue No.01/Issue Date: 01-10-2018/ Amend No.:00 / Amend Date:-- / Page 2 of 2

TEST REPORT

REPORT NUMBER: EI/WW/0321/034**DATE OF REPORT: 31-03-2021****CLIENT NAME : POLLUTION CONTROL COMMITTEE,****Dadra and Nagar Haveli and Daman and Diu****ADDRESS : 1st Floor, Udyog Bhavan, Bhenslore, Daman- 396220,INDIA****SAMPLE DETAILS.**

Laboratory ID : EI/WW/0321/034	Date of Sampling : 25-03-2021
Sample Type : Surface Water	Date of Sample Receipt : 25-03-2021
Type of Sampling : Grab	Sample Condition : Good
Place of Sampling : D/s of Madhuban Dam	Quantity of Sample Received : 5 Liter
Description (GPS) : N 20°12'57", E 73°2'29"	Analysis Start Date : 25-03-2021
Sampling Protocol / Standard : IS-3025 (Part 1):1987(R.A.2003)	Analysis End Date : 31-03-2021
Sampling Conducted By : Nimesh	Duration of Sampling : -

Sl. No	PARAMETER	UNIT	TEST METHOD	RESULTS
1.	Temperature	°C	APHA:2550 B 23 rd Edition (Page: 2-74)	28.1
2.	pH @ 25°C	pH	APHA:4500 H ⁺ B 23 rd Edition (Page: 4-13)	7.7
3.	Conductivity	µs/cm	IS:3025 (Part-14)	206.15
4.	Dissolve Oxygen	mg/L	IS:3025 (Part-38)	7.96
5.	Biological Oxygen Demand	mg/L	IS:3025 (Part-44)(3 Days at 27°C)	BDL(MDL:1.0)
6.	Nitrate as N	mg/L	IS:3025 (Part-44)	BDL(MDL:0.1)
7.	Ammonia as N	mg/L	APHA:4500 NH ₃ -B-C 23 rd Edition (Page: 4-114)	BDL(MDL:2.0)
8.	Chemical Oxygen Demand	mg/L	APHA:5220 B 23 rd Edition (Page: 5-18)	BDL(MDL:2.0)
9.	Total Kjeldahl Nitrogen	mg/L	IS:3025 (Part-34)	BDL(MDL:2.0)
10.	Total Dissolve Solids	mg/L	APHA:2540 C 23 rd Edition (Page: 2-69)	114
11.	Total Fixed Solids	mg/L	IS:3025 (Part-18)	88
12.	Total Suspended Solids	mg/L	APHA:2540 B 23 rd Edition (Page: 2-70)	13.8
13.	Turbidity	NTU	IS:3025 (Part-10)	0.1
14.	Hardness	mg/L	IS:3025 (Part-21)	100
15.	Fluoride	mg/L	IS:3025 (Part-60)	BDL(MDL:0.1)
16.	Boron	mg/L	IS:3025 (Part-57)	ND
17.	Chloride	mg/L	APHA:4500 Cl ⁻ B 23 rd Edition (Page: 4-75)	6.99
18.	Sulphate	mg/L	IS:3025 (Part-28)	3.2
19.	Total Alkalinity	mg/L	IS:3025 (Part-23)	72
20.	P-Alkalinity	mg/L	IS:3025 (Part-23)	BDL(MDL:4.0)
21.	Phosphate	mg/L	IS:3550 -1965	BDL(MDL:0.1)
22.	Sodium	mg/L	IS:3025 (Part-45)	14.6
23.	Potassium	mg/L	IS:3025 (Part-45)	BDL(MDL:1.0)
24.	Calcium	mg/L	IS:3025 (Part-40)	19.4
25.	Magnesium	mg/L	IS:3025 (Part-46)	7.5
26.	Arsenic	mg/L	IS:3025 (Part-37)	BDL(MDL:0.01)

27.	Nickel	mg/L	IS:3025 (Part-54)	BDL(MDL:0.02)
28.	Copper	mg/L	IS:3025 (Part-42)	BDL(MDL:0.05)
29.	Mercury	mg/L	IS:3025 (Part-48)	BDL(MDL:0.001)
30.	Chromium	mg/L	IS:3025 (Part-52)	BDL(MDL:0.05)
31.	Cadmium	mg/L	IS:3025 (Part-41)	BDL(MDL:0.003)
32.	Zinc	mg/L	IS:3025 (Part-49)	BDL(MDL:0.05)
33.	Lead	mg/L	IS:3025 (Part-47)	BDL(MDL:0.01)
34.	Iron	mg/L	IS:3025 (Part-53)	0.53
35.	Alpha BHC	ppb	USEPA 8081 A	BDL(MDL:0.01)
36.	Beta BHC	ppb	USEPA 8081 A	BDL(MDL:0.04)
37.	Gama BHC	ppb	USEPA 8081 A	BDL(MDL:2.0)
38.	OP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
39.	PP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
40.	Alpha Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
41.	Beta Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
42.	Dieldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
43.	2-4 D	ppb	USEPA 1699-2007	BDL(MDL:30.0)
44.	Aldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
45.	Chloropyriphos	ppb	USEPA 1699-2007	BDL(MDL:30.0)
46.	Carboryl (Carbamate)	ppb	USEPA 1699-2007	BDL(MDL:0.01)
47.	Methyl Parathin	ppb	USEPA 1699-2007	BDL(MDL:0.3)
48.	Anilophos	ppb	USEPA 1699-2007	BDL(MDL:0.01)
49.	Malathian	ppb	USEPA 8081 B	BDL(MDL:190.0)
50.	Total Coliform	MPN/ 100 ml	APHA:9221 B 23 rd Edition (Page: 9-69)	24
51.	Fecal Coliform	MPN/ 100 ml	APHA:9222 D 23 rd Edition (Page: 9-89)	6
52.	Fecal Streptococci	MPN/ 100 ml	IS:1622-1981 (R.A.-1996)	2

Statement of conformity:-

Remarks:

BDL: Below Detection Limit, MDL: Minimum Detection Limit

Mrs. Khushbu S. Gajjar
Technical Manager

Mr. Swastik R. Gajjar
Lab Manager(Q)

* End of Report *

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REPORT NUMBER: **EI/WW/0321/034**

DATE OF REPORT: **31-03-2021**

F/7.8/01/Issue No.01/Issue Date: 01-10-2018/ Amend No.:00 / Amend Date:-- / Page 2 of 2

TEST REPORT

REPORT NUMBER: EI/WW/0321/035**DATE OF REPORT: 31-03-2021****CLIENT NAME : POLLUTION CONTROL COMMITTEE,****Dadra and Nagar Haveli and Daman and Diu****ADDRESS : 1st Floor, Udyog Bhavan, Bhenslore, Daman- 396220,INDIA****SAMPLE DETAILS.**

Laboratory ID	: EI/WW/0321/035	Date of Sampling	: 25-03-2021
Sample Type	: Surface Water	Date of Sample Receipt	: 25-03-2021
Type of Sampling	: Grab	Sample Condition	: Good
Place of Sampling	: D/s of Naroli Bridge,Silvassa,DNH	Quantity of Sample Received	: 5 Liter
Description (GPS)	: N 20°16'7", E 72°59'21"	Analysis Start Date	: 25-03-2021
Sampling Protocol / Standard	: IS3025 (Part 1):1987(R.A.2003)	Analysis End Date	: 31-03-2021
Sampling Conducted By	: Nimesh	Duration of Sampling	: -

Sl. No	PARAMETER	UNIT	TEST METHOD	RESULTS
1.	Temperature	°C	APHA:2550 B 23 rd Edition (Page: 2-74)	28.2
2.	pH @ 25°C	pH	APHA:4500 H ⁺ B 23 rd Edition (Page: 4-13)	8.1
3.	Conductivity	µs/cm	IS:3025 (Part-14)	177.23
4.	Dissolve Oxygen	mg/L	IS:3025 (Part-38)	7.5
5.	Biological Oxygen Demand	mg/L	IS:3025 (Part-44)(3 Days at 27°C)	BDL(MDL:1.0)
6.	Nitrate as N	mg/L	IS:3025 (Part-44)	BDL(MDL:0.1)
7.	Ammonia as N	mg/L	APHA:4500 NH ₃ -B-C 23 rd Edition (Page: 4-114)	BDL(MDL:2.0)
8.	Chemical Oxygen Demand	mg/L	APHA:5220 B 23 rd Edition (Page: 5-18)	4.3
9.	Total Kjeldahl Nitrogen	mg/L	IS:3025 (Part-34)	BDL(MDL:2.0)
10.	Total Dissolve Solids	mg/L	APHA:2540 C 23 rd Edition (Page: 2-69)	115
11.	Total Fixed Solids	mg/L	IS:3025 (Part-18)	94
12.	Total Suspended Solids	mg/L	APHA:2540 B 23 rd Edition (Page: 2-70)	9.8
13.	Turbidity	NTU	IS:3025 (Part-10)	0.1
14.	Hardness	mg/L	IS:3025 (Part-21)	104
15.	Fluoride	mg/L	IS:3025 (Part-60)	BDL(MDL:0.1)
16.	Boron	mg/L	IS:3025 (Part-57)	ND
17.	Chloride	mg/L	APHA:4500 Cl ⁻ B 23 rd Edition (Page: 4-75)	9.99
18.	Sulphate	mg/L	IS:3025 (Part-28)	5.7
19.	Total Alkalinity	mg/L	IS:3025 (Part-23)	88
20.	P-Alkalinity	mg/L	IS:3025 (Part-23)	BDL(MDL:4.0)
21.	Phosphate	mg/L	IS:3550 -1965	BDL(MDL:0.1)
22.	Sodium	mg/L	IS:3025 (Part-45)	18.4
23.	Potassium	mg/L	IS:3025 (Part-45)	BDL(MDL:1.0)
24.	Calcium	mg/L	IS:3025 (Part-40)	21.5
25.	Magnesium	mg/L	IS:3025 (Part-46)	6.8

26.	Arsenic	mg/L	IS:3025 (Part-37)	BDL(MDL:0.01)
27.	Nickel	mg/L	IS:3025 (Part-54)	BDL(MDL:0.02)
28.	Copper	mg/L	IS:3025 (Part-42)	BDL(MDL:0.05)
29.	Mercury	mg/L	IS:3025 (Part-48)	BDL(MDL:0.001)
30.	Chromium	mg/L	IS:3025 (Part-52)	BDL(MDL:0.05)
31.	Cadmium	mg/L	IS:3025 (Part-41)	BDL(MDL:0.003)
32.	Zinc	mg/L	IS:3025 (Part-49)	0.062
33.	Lead	mg/L	IS:3025 (Part-47)	BDL(MDL:0.01)
34.	Iron	mg/L	IS:3025 (Part-53)	BDL(MDL:0.01)
35.	Alpha BHC	ppb	USEPA 8081 A	BDL(MDL:0.01)
36.	Beta BHC	ppb	USEPA 8081 A	BDL(MDL:0.04)
37.	Gama BHC	ppb	USEPA 8081 A	BDL(MDL:2.0)
38.	OP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
39.	PP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
40.	Alpha Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
41.	Beta Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
42.	Dieldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
43.	2-4 D	ppb	USEPA 1699-2007	BDL(MDL:30.0)
44.	Aldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
45.	Chloropyriphos	ppb	USEPA 1699-2007	BDL(MDL:30.0)
46.	Carboryl (Carbamate)	ppb	USEPA 1699-2007	BDL(MDL:0.01)
47.	Methyl Parathin	ppb	USEPA 1699-2007	BDL(MDL:0.3)
48.	Anilophos	ppb	USEPA 1699-2007	BDL(MDL:0.01)
49.	Malathian	ppb	USEPA 8081 B	BDL(MDL:190.0)
50.	Total Coliform	MPN/ 100 ml	APHA:9221 B 23 rd Edition (Page: 9-69)	35
51.	Fecal Coliform	MPN/ 100 ml	APHA:9222 D 23 rd Edition (Page: 9-89)	14
52.	Fecal Streptococci	MPN/ 100 ml	IS:1622-1981 (R.A.-1996)	4

Statement of conformity:-

Remarks:

BDL: Below Detection Limit, MDL: Minimum Detection Limit

Mrs. Khushbu S. Gajjar
Technical Manager

Mr. Swastik R. Gajjar
Lab Manager(Q)

* End of Report *

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REPORT NUMBER: **EI/WW/0321/035**

DATE OF REPORT: **31-03-2021**

F/7.8/01/Issue No.01/Issue Date: 01-10-2018/ Amend No.:00 / Amend Date:-- / Page 2 of 2

TEST REPORT

REPORT NUMBER: EI/WW/0321/036**DATE OF REPORT: 31-03-2021****CLIENT NAME : POLLUTION CONTROL COMMITTEE,****Dadra and Nagar Haveli and Daman and Diu****ADDRESS : 1st Floor, Udyog Bhavan, Bhenslore, Daman- 396220,INDIA****SAMPLE DETAILS.**

Laboratory ID : EI/WW/0321/036	Date of Sampling : 25-03-2021
Sample Type : Surface Water	Date of Sample Receipt : 25-03-2021
Type of Sampling : Grab	Sample Condition : Good
Place of Sampling : At Lawacha Temple	Quantity of Sample Received : 5 Liter
Description (GPS) : N 20°18'33.2", E 72°57'35.9"	Analysis Start Date : 25-03-2021
Sampling Protocol / Standard : IS3025 (Part 1):1987(R.A.2003)	Analysis End Date : 31-03-2021
Sampling Conducted By : Nimesh	Duration of Sampling : -

Sl. No	PARAMETER	UNIT	TEST METHOD	RESULTS
1.	Temperature	°C	APHA:2550 B 23 rd Edition (Page: 2-74)	28.4
2.	pH @ 25°C	pH	APHA:4500 H ⁺ B 23 rd Edition (Page: 4-13)	8.08
3.	Conductivity	µs/cm	IS:3025 (Part-14)	131.07
4.	Dissolve Oxygen	mg/L	IS:3025 (Part-38)	7.7
5.	Biological Oxygen Demand	mg/L	IS:3025 (Part-44)(3 Days at 27°C)	BDL(MDL:1.0)
6.	Nitrate as N	mg/L	IS:3025 (Part-44)	BDL(MDL:0.1)
7.	Ammonia as N	mg/L	APHA:4500 NH ₃ -B-C 23 rd Edition (Page: 4-114)	BDL(MDL:2.0)
8.	Chemical Oxygen Demand	mg/L	APHA:5220 B 23 rd Edition (Page: 5-18)	15.49
9.	Total Kjeldahl Nitrogen	mg/L	IS:3025 (Part-34)	BDL(MDL:2.0)
10.	Total Dissolve Solids	mg/L	APHA:2540 C 23 rd Edition (Page: 2-69)	85
11.	Total Fixed Solids	mg/L	IS:3025 (Part-18)	61
12.	Total Suspended Solids	mg/L	APHA:2540 B 23 rd Edition (Page: 2-70)	BDL(MDL:4.0)
13.	Turbidity	NTU	IS:3025 (Part-10)	0.1
14.	Hardness	mg/L	IS:3025 (Part-21)	108
15.	Fluoride	mg/L	IS:3025 (Part-60)	BDL(MDL:0.1)
16.	Boron	mg/L	IS:3025 (Part-57)	ND
17.	Chloride	mg/L	APHA:4500 Cl ⁻ B 23 rd Edition (Page: 4-75)	15.79
18.	Sulphate	mg/L	IS:3025 (Part-28)	9.9
19.	Total Alkalinity	mg/L	IS:3025 (Part-23)	76
20.	P-Alkalinity	mg/L	IS:3025 (Part-23)	BDL(MDL:4.0)
21.	Phosphate	mg/L	IS:3550 -1965	BDL(MDL:0.1)
22.	Sodium	mg/L	IS:3025 (Part-45)	18.2
23.	Potassium	mg/L	IS:3025 (Part-45)	BDL(MDL:1.0)
24.	Calcium	mg/L	IS:3025 (Part-40)	23.4
25.	Magnesium	mg/L	IS:3025 (Part-46)	6.4
26.	Arsenic	mg/L	IS:3025 (Part-37)	BDL(MDL:0.01)

27.	Nickel	mg/L	IS:3025 (Part-54)	BDL(MDL:0.02)
28.	Copper	mg/L	IS:3025 (Part-42)	BDL(MDL:0.05)
29.	Mercury	mg/L	IS:3025 (Part-48)	BDL(MDL:0.001)
30.	Chromium	mg/L	IS:3025 (Part-52)	BDL(MDL:0.05)
31.	Cadmium	mg/L	IS:3025 (Part-41)	BDL(MDL:0.003)
32.	Zinc	mg/L	IS:3025 (Part-49)	BDL(MDL:0.05)
33.	Lead	mg/L	IS:3025 (Part-47)	BDL(MDL:0.01)
34.	Iron	mg/L	IS:3025 (Part-53)	0.174
35.	Alpha BHC	ppb	USEPA 8081 A	BDL(MDL:0.01)
36.	Beta BHC	ppb	USEPA 8081 A	BDL(MDL:0.04)
37.	Gama BHC	ppb	USEPA 8081 A	BDL(MDL:2.0)
38.	OP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
39.	PP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
40.	Alpha Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
41.	Beta Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
42.	Dieldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
43.	2-4 D	ppb	USEPA 1699-2007	BDL(MDL:30.0)
44.	Aldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
45.	Chloropyriphos	ppb	USEPA 1699-2007	BDL(MDL:30.0)
46.	Carboryl (Carbamate)	ppb	USEPA 1699-2007	BDL(MDL:0.01)
47.	Methyl Parathin	ppb	USEPA 1699-2007	BDL(MDL:0.3)
48.	Anilophos	ppb	USEPA 1699-2007	BDL(MDL:0.01)
49.	Malathian	ppb	USEPA 8081 B	BDL(MDL:190.0)
50.	Total Coliform	MPN/ 100 ml	APHA:9221 B 23 rd Edition (Page: 9-69)	87
51.	Fecal Coliform	MPN/ 100 ml	APHA:9222 D 23 rd Edition (Page: 9-89)	38
52.	Fecal Streptococci	MPN/ 100 ml	IS:1622-1981 (R.A.-1996)	12

Statement of conformity:-

Remarks:

BDL: Below Detection Limit, MDL: Minimum Detection Limit

Mrs. Khushbu S. Gajjar
Technical Manager

Mr. Swastik R. Gajjar
Lab Manager(Q)

* End of Report *

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REPORT NUMBER: **EI/WW/0321/036**

DATE OF REPORT: **31-03-2021**

F/7.8/01/Issue No.01/Issue Date: 01-10-2018/ Amend No.:00 / Amend Date:-- / Page 2 of 2

TEST REPORT

REPORT NUMBER:EI/WW/0321/037

DATE OF REPORT: 31-03-2021

CLIENT NAME : POLLUTION CONTROL COMMITTEE,

Dadra and Nagar Haveli and Daman and Diu

ADDRESS : 1st Floor, Udyog Bhavan, Bhenslore, Daman- 396220,INDIA

SAMPLE DETAILS.

Laboratory ID	: EI/WW/0321/037	Date of Sampling	: 25-03-2021
Sample Type	: Surface Water	Date of Sample Receipt	: 25-03-2021
Type of Sampling	: Grab	Sample Condition	: Good
Place of Sampling	: Near Surat Beverages, Dadra,DNH	Quantity of Sample Received	: 5 Liter
Description (GPS)	: N 20°18'33.2568",E72°57'35.8122"	Analysis Start Date	: 25-03-2021
Sampling Protocol / Standard	: IS3025 (Part 1):1987(R.A.2003)	Analysis End Date	: 31-03-2021
Sampling Conducted By	: Nimesh	Duration of Sampling	: -

Sl. No	PARAMETER	UNIT	TEST METHOD	RESULTS
1.	Temperature	°C	APHA:2550 B 23 rd Edition (Page: 2-74)	28.8
2.	pH @ 25°C	pH	APHA:4500 H ⁺ B 23 rd Edition (Page: 4-13)	7.42
3.	Conductivity	µs/cm	IS:3025 (Part-14)	228.3
4.	Dissolve Oxygen	mg/L	IS:3025 (Part-38)	6.4
5.	Biological Oxygen Demand	mg/L	IS:3025 (Part-44)(3 Days at 27°C)	BDL(MDL:1.0)
6.	Nitrate as N	mg/L	IS:3025 (Part-44)	0.4
7.	Ammonia as N	mg/L	APHA:4500 NH ₃ -B-C 23 rd Edition (Page: 4-114)	BDL(MDL:2.0)
8.	Chemical Oxygen Demand	mg/L	APHA:5220 B 23 rd Edition (Page: 5-18)	4.9
9.	Total Kjeldahl Nitrogen	mg/L	IS:3025 (Part-34)	BDL(MDL:2.0)
10.	Total Dissolve Solids	mg/L	APHA:2540 C 23 rd Edition (Page: 2-69)	148
11.	Total Fixed Solids	mg/L	IS:3025 (Part-18)	87
12.	Total Suspended Solids	mg/L	APHA:2540 B 23 rd Edition (Page: 2-70)	11.6
13.	Turbidity	NTU	IS:3025 (Part-10)	0.1
14.	Hardness	mg/L	IS:3025 (Part-21)	90.1
15.	Fluoride	mg/L	IS:3025 (Part-60)	BDL(MDL:0.1)
16.	Boron	mg/L	IS:3025 (Part-57)	ND
17.	Chloride	mg/L	APHA:4500 Cl ⁻ B 23 rd Edition (Page: 4-75)	9.8
18.	Sulphate	mg/L	IS:3025 (Part-28)	6.4
19.	Total Alkalinity	mg/L	IS:3025 (Part-23)	88
20.	P-Alkalinity	mg/L	IS:3025 (Part-23)	BDL(MDL:4.0)
21.	Phosphate	mg/L	IS:3550 -1965	BDL(MDL:0.1)
22.	Sodium	mg/L	IS:3025 (Part-45)	16.3
23.	Potassium	mg/L	IS:3025 (Part-45)	BDL(MDL:1.0)
24.	Calcium	mg/L	IS:3025 (Part-40)	25.1
25.	Magnesium	mg/L	IS:3025 (Part-46)	7.8

26.	Arsenic	mg/L	IS:3025 (Part-37)	BDL(MDL:0.01)
27.	Nickel	mg/L	IS:3025 (Part-54)	BDL(MDL:0.02)
28.	Copper	mg/L	IS:3025 (Part-42)	BDL(MDL:0.05)
29.	Mercury	mg/L	IS:3025 (Part-48)	BDL(MDL:0.001)
30.	Chromium	mg/L	IS:3025 (Part-52)	BDL(MDL:0.05)
31.	Cadmium	mg/L	IS:3025 (Part-41)	BDL(MDL:0.003)
32.	Zinc	mg/L	IS:3025 (Part-49)	BDL(MDL:0.05)
33.	Lead	mg/L	IS:3025 (Part-47)	BDL(MDL:0.01)
34.	Iron	mg/L	IS:3025 (Part-53)	0.104
35.	Alpha BHC	ppb	USEPA 8081 A	BDL(MDL:0.01)
36.	Beta BHC	ppb	USEPA 8081 A	BDL(MDL:0.04)
37.	Gama BHC	ppb	USEPA 8081 A	BDL(MDL:2.0)
38.	OP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
39.	PP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
40.	Alpha Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
41.	Beta Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
42.	Dieldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
43.	2-4 D	ppb	USEPA 1699-2007	BDL(MDL:30.0)
44.	Aldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
45.	Chloropyriphos	ppb	USEPA 1699-2007	BDL(MDL:30.0)
46.	Carboryl (Carbamate)	ppb	USEPA 1699-2007	BDL(MDL:0.01)
47.	Methyl Parathin	ppb	USEPA 1699-2007	BDL(MDL:0.3)
48.	Anilophos	ppb	USEPA 1699-2007	BDL(MDL:0.01)
49.	Malathian	ppb	USEPA 8081 B	BDL(MDL:190.0)
50.	Total Coliform	MPN/ 100 ml	APHA:9221 B 23 rd Edition (Page: 9-69)	69
51.	Fecal Coliform	MPN/ 100 ml	APHA:9222 D 23 rd Edition (Page: 9-89)	18
52.	Fecal Streptococci	MPN/ 100 ml	IS:1622-1981 (R.A.-1996)	14

Statement of conformity:-

Remarks:

BDL: Below Detection Limit, MDL: Minimum Detection Limit

Mrs. Khushbu S. Gajjar
Technical Manager

Mr. Swastik R. Gajjar
Lab Manager(Q)

* End of Report *

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REPORT NUMBER: **EI/WW/0321/037**

DATE OF REPORT: **31-03-2021**

F/7.8/01/Issue No.01/Issue Date: 01-10-2018/ Amend No.:00 / Amend Date:-- / Page 2 of 2

TEST REPORT

REPORT NUMBER:EI/WW/0321/038**DATE OF REPORT: 31-03-2021****CLIENT NAME : POLLUTION CONTROL COMMITTEE,****Dadra and Nagar Haveli and Daman and Diu****ADDRESS : 1st Floor, Udyog Bhavan, Bhenslore, Daman- 396220,INDIA****SAMPLE DETAILS.**

Laboratory ID : EI/WW/0321/038	Date of Sampling : 25-03-2021
Sample Type : Surface Water	Date of Sample Receipt : 25-03-2021
Type of Sampling : Grab	Sample Condition : Good
Place of Sampling : At Vapi Weir, Vapi	Quantity of Sample Received : 5 Liter
Description (GPS) : N20°20'23.42", E72°54'34.49"	Analysis Start Date : 25-03-2021
Sampling Protocol / Standard : IS3025 (Part 1):1987(R.A.2003)	Analysis End Date : 31-03-2021
Sampling Conducted By : Nimesh	Duration of Sampling : -

Sl. No	PARAMETER	UNIT	TEST METHOD	RESULTS
1.	Temperature	°C	APHA:2550 B 23 rd Edition (Page: 2-74)	27.9
2.	pH @ 25°C	pH	APHA:4500 H ⁺ B 23 rd Edition (Page: 4-13)	8.48
3.	Conductivity	µs/cm	IS:3025 (Part-14)	174.83
4.	Dissolve Oxygen	mg/L	IS:3025 (Part-38)	7.4
5.	Biological Oxygen Demand	mg/L	IS:3025 (Part-44)(3 Days at 27°C)	1.2
6.	Nitrate as N	mg/L	IS:3025 (Part-44)	0.5
7.	Ammonia as N	mg/L	APHA:4500 NH ₃ -B-C 23 rd Edition (Page: 4-114)	BDL(MDL:2.0)
8.	Chemical Oxygen Demand	mg/L	APHA:5220 B 23 rd Edition (Page: 5-18)	15.79
9.	Total Kjeldahl Nitrogen	mg/L	IS:3025 (Part-34)	BDL(MDL:2.0)
10.	Total Dissolve Solids	mg/L	APHA:2540 C 23 rd Edition (Page: 2-69)	108
11.	Total Fixed Solids	mg/L	IS:3025 (Part-18)	91
12.	Total Suspended Solids	mg/L	APHA:2540 B 23 rd Edition (Page: 2-70)	BDL(MDL:4.0)
13.	Turbidity	NTU	IS:3025 (Part-10)	0.1
14.	Hardness	mg/L	IS:3025 (Part-21)	88.2
15.	Fluoride	mg/L	IS:3025 (Part-60)	0.07
16.	Boron	mg/L	IS:3025 (Part-57)	ND
17.	Chloride	mg/L	APHA:4500 Cl ⁻ B 23 rd Edition (Page: 4-75)	15.5
18.	Sulphate	mg/L	IS:3025 (Part-28)	7.5
19.	Total Alkalinity	mg/L	IS:3025 (Part-23)	84
20.	P-Alkalinity	mg/L	IS:3025 (Part-23)	BDL(MDL:4.0)
21.	Phosphate	mg/L	IS:3550 -1965	BDL(MDL:0.1)
22.	Sodium	mg/L	IS:3025 (Part-45)	19.5
23.	Potassium	mg/L	IS:3025 (Part-45)	2.3
24.	Calcium	mg/L	IS:3025 (Part-40)	26.8
25.	Magnesium	mg/L	IS:3025 (Part-46)	8.4
26.	Arsenic	mg/L	IS:3025 (Part-37)	BDL(MDL:0.01)

27.	Nickel	mg/L	IS:3025 (Part-54)	BDL(MDL:0.02)
28.	Copper	mg/L	IS:3025 (Part-42)	BDL(MDL:0.05)
29.	Mercury	mg/L	IS:3025 (Part-48)	BDL(MDL:0.001)
30.	Chromium	mg/L	IS:3025 (Part-52)	BDL(MDL:0.05)
31.	Cadmium	mg/L	IS:3025 (Part-41)	BDL(MDL:0.003)
32.	Zinc	mg/L	IS:3025 (Part-49)	BDL(MDL:0.05)
33.	Lead	mg/L	IS:3025 (Part-47)	BDL(MDL:0.01)
34.	Iron	mg/L	IS:3025 (Part-53)	BDL(MDL:0.01)
35.	Alpha BHC	ppb	USEPA 8081 A	BDL(MDL:0.01)
36.	Beta BHC	ppb	USEPA 8081 A	BDL(MDL:0.04)
37.	Gama BHC	ppb	USEPA 8081 A	BDL(MDL:2.0)
38.	OP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
39.	PP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
40.	Alpha Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
41.	Beta Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
42.	Dieldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
43.	2-4 D	ppb	USEPA 1699-2007	BDL(MDL:30.0)
44.	Aldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
45.	Chloropyriphos	ppb	USEPA 1699-2007	BDL(MDL:30.0)
46.	Carboryl (Carbamate)	ppb	USEPA 1699-2007	BDL(MDL:0.01)
47.	Methyl Parathin	ppb	USEPA 1699-2007	BDL(MDL:0.3)
48.	Anilophos	ppb	USEPA 1699-2007	BDL(MDL:0.01)
49.	Malathian	ppb	USEPA 8081 B	BDL(MDL:190.0)
50.	Total Coliform	MPN/ 100 ml	APHA:9221 B 23 rd Edition (Page: 9-69)	520
51.	Fecal Coliform	MPN/ 100 ml	APHA:9222 D 23 rd Edition (Page: 9-89)	214
52.	Fecal Streptococci	MPN/ 100 ml	IS:1622-1981 (R.A.-1996)	31

Statement of conformity:-

Remarks:

BDL: Below Detection Limit, MDL: Minimum Detection Limit

Mrs. Khushbu S. Gajjar
Technical Manager

Mr. Swastik R. Gajjar
Lab Manager(Q)

* End of Report *

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REPORT NUMBER: **EI/WW/0321/038**

DATE OF REPORT: **31-03-2021**

F/7.8/01/Issue No.01/Issue Date: 01-10-2018/ Amend No.:00 / Amend Date:-- / Page 2 of 2

TEST REPORT

REPORT NUMBER: EI/WW/0321/039**DATE OF REPORT: 31-03-2021****CLIENT NAME : POLLUTION CONTROL COMMITTEE,****Dadra and Nagar Haveli and Daman and Diu****ADDRESS : 1st Floor, Udyog Bhavan, Bhenslore, Daman- 396220,INDIA****SAMPLE DETAILS.**

Laboratory ID : EI/WW/0321/039	Date of Sampling : 25-03-2021
Sample Type : Surface Water	Date of Sample Receipt : 25-03-2021
Type of Sampling : Grab	Sample Condition : Good
Place of Sampling : At Namdha Village	Quantity of Sample Received : 5 Liter
Description (GPS) : N 20°21'45.8", E 72°52'52.3"	Analysis Start Date : 25-03-2021
Sampling Protocol / Standard : IS3025 (Part 1):1987(R.A.2003)	Analysis End Date : 31-03-2021
Sampling Conducted By : Nimesh	Duration of Sampling : -

Sl. No	PARAMETER	UNIT	TEST METHOD	RESULTS
1.	Temperature	°C	APHA:2550 B 23 rd Edition (Page: 2-74)	27.5
2.	pH @ 25°C	pH	APHA:4500 H ⁺ B 23 rd Edition (Page: 4-13)	7.16
3.	Conductivity	µs/cm	IS:3025 (Part-14)	1020.3
4.	Dissolve Oxygen	mg/L	IS:3025 (Part-38)	5.4
5.	Biological Oxygen Demand	mg/L	IS:3025 (Part-44)(3 Days at 27°C)	2.4
6.	Nitrate as N	mg/L	IS:3025 (Part-44)	1.9
7.	Ammonia as N	mg/L	APHA:4500 NH ₃ -B-C 23 rd Edition (Page: 4-114)	2.8
8.	Chemical Oxygen Demand	mg/L	APHA:5220 B 23 rd Edition (Page: 5-18)	28.3
9.	Total Kjeldahl Nitrogen	mg/L	IS:3025 (Part-34)	11.9
10.	Total Dissolve Solids	mg/L	APHA:2540 C 23 rd Edition (Page: 2-69)	663
11.	Total Fixed Solids	mg/L	IS:3025 (Part-18)	342
12.	Total Suspended Solids	mg/L	APHA:2540 B 23 rd Edition (Page: 2-70)	28
13.	Turbidity	NTU	IS:3025 (Part-10)	1
14.	Hardness	mg/L	IS:3025 (Part-21)	523.6
15.	Fluoride	mg/L	IS:3025 (Part-60)	0.17
16.	Boron	mg/L	IS:3025 (Part-57)	0.29
17.	Chloride	mg/L	APHA:4500 Cl ⁻ B 23 rd Edition (Page: 4-75)	223.93
18.	Sulphate	mg/L	IS:3025 (Part-28)	385.2
19.	Total Alkalinity	mg/L	IS:3025 (Part-23)	120
20.	P-Alkalinity	mg/L	IS:3025 (Part-23)	BDL(MDL:4.0)
21.	Phosphate	mg/L	IS:3550 -1965	0.4
22.	Sodium	mg/L	IS:3025 (Part-45)	518
23.	Potassium	mg/L	IS:3025 (Part-45)	22.9
24.	Calcium	mg/L	IS:3025 (Part-40)	65.4
25.	Magnesium	mg/L	IS:3025 (Part-46)	52.6
26.	Arsenic	mg/L	IS:3025 (Part-37)	BDL(MDL:0.01)

27.	Nickel	mg/L	IS:3025 (Part-54)	0.038
28.	Copper	mg/L	IS:3025 (Part-42)	BDL(MDL:0.05)
29.	Mercury	mg/L	IS:3025 (Part-48)	BDL(MDL:0.001)
30.	Chromium	mg/L	IS:3025 (Part-52)	BDL(MDL:0.05)
31.	Cadmium	mg/L	IS:3025 (Part-41)	BDL(MDL:0.003)
32.	Zinc	mg/L	IS:3025 (Part-49)	BDL(MDL:0.05)
33.	Lead	mg/L	IS:3025 (Part-47)	BDL(MDL:0.01)
34.	Iron	mg/L	IS:3025 (Part-53)	0.213
35.	Alpha BHC	ppb	USEPA 8081 A	BDL(MDL:0.01)
36.	Beta BHC	ppb	USEPA 8081 A	BDL(MDL:0.04)
37.	Gama BHC	ppb	USEPA 8081 A	BDL(MDL:2.0)
38.	OP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
39.	PP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
40.	Alpha Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
41.	Beta Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
42.	Dieldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
43.	2-4 D	ppb	USEPA 1699-2007	BDL(MDL:30.0)
44.	Aldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
45.	Chloropyriphos	ppb	USEPA 1699-2007	BDL(MDL:30.0)
46.	Carboryl (Carbamate)	ppb	USEPA 1699-2007	BDL(MDL:0.01)
47.	Methyl Parathin	ppb	USEPA 1699-2007	BDL(MDL:0.3)
48.	Anilophos	ppb	USEPA 1699-2007	BDL(MDL:0.01)
49.	Malathian	ppb	USEPA 8081 B	BDL(MDL:190.0)
50.	Total Coliform	MPN/ 100 ml	APHA:9221 B 23 rd Edition (Page: 9-69)	>1600
51.	Fecal Coliform	MPN/ 100 ml	APHA:9222 D 23 rd Edition (Page: 9-89)	1600
52.	Fecal Streptococci	MPN/ 100 ml	IS:1622-1981 (R.A.-1996)	316

Statement of conformity:-

Remarks:

BDL: Below Detection Limit, MDL: Minimum Detection Limit

Mrs. Khushbu S. Gajjar
Technical Manager

Mr. Swastik R. Gajjar
Lab Manager(Q)

* End of Report *

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REPORT NUMBER: **EI/WW/0321/039**

DATE OF REPORT: **31-03-2021**

F/7.8/01/Issue No.01/Issue Date: 01-10-2018/ Amend No.:00 / Amend Date:-- / Page 2 of 2

TEST REPORT

REPORT NUMBER: EI/WW/0321/040**DATE OF REPORT: 31-03-2021****CLIENT NAME : POLLUTION CONTROL COMMITTEE,****Dadra and Nagar Haveli and Daman and Diu****ADDRESS : 1st Floor, Udyog Bhavan, Bhenslore, Daman- 396220,INDIA****SAMPLE DETAILS.**

Laboratory ID : EI/WW/0321/040	Date of Sampling : 25-03-2021
Sample Type : Surface Water	Date of Sample Receipt : 25-03-2021
Type of Sampling : Grab	Sample Condition : Good
Place of Sampling : At Zari Causeway, Kachigam	Quantity of Sample Received : 5 Liter
Description (GPS) : N 20°22'18.62", E 72°52'50.52"	Analysis Start Date : 25-03-2021
Sampling Protocol / Standard : IS3025 (Part 1):1987(R.A.2003)	Analysis End Date : 31-03-2021
Sampling Conducted By : Nimesh	Duration of Sampling : -

Sl. No	PARAMETER	UNIT	TEST METHOD	RESULTS
1.	Temperature	°C	APHA:2550 B 23 rd Edition (Page: 2-74)	27.4
2.	pH @ 25°C	pH	APHA:4500 H ⁺ B 23 rd Edition (Page: 4-13)	6.95
3.	Conductivity	µs/cm	IS:3025 (Part-14)	1989.53
4.	Dissolve Oxygen	mg/L	IS:3025 (Part-38)	4.1
5.	Biological Oxygen Demand	mg/L	IS:3025 (Part-44)(3 Days at 27°C)	2.8
6.	Nitrate as N	mg/L	IS:3025 (Part-44)	1.1
7.	Ammonia as N	mg/L	APHA:4500 NH ₃ -B-C 23 rd Edition (Page: 4-114)	4.2
8.	Chemical Oxygen Demand	mg/L	APHA:5220 B 23 rd Edition (Page: 5-18)	25.5
9.	Total Kjeldahl Nitrogen	mg/L	IS:3025 (Part-34)	10.9
10.	Total Dissolve Solids	mg/L	APHA:2540 C 23 rd Edition (Page: 2-69)	1293
11.	Total Fixed Solids	mg/L	IS:3025 (Part-18)	914
12.	Total Suspended Solids	mg/L	APHA:2540 B 23 rd Edition (Page: 2-70)	16
13.	Turbidity	NTU	IS:3025 (Part-10)	0.1
14.	Hardness	mg/L	IS:3025 (Part-21)	9645.2
15.	Fluoride	mg/L	IS:3025 (Part-60)	0.8
16.	Boron	mg/L	IS:3025 (Part-57)	0.31
17.	Chloride	mg/L	APHA:4500 Cl ⁻ B 23 rd Edition (Page: 4-75)	649.79
18.	Sulphate	mg/L	IS:3025 (Part-28)	467.3
19.	Total Alkalinity	mg/L	IS:3025 (Part-23)	100
20.	P-Alkalinity	mg/L	IS:3025 (Part-23)	BDL(MDL:4.0)
21.	Phosphate	mg/L	IS:3550 -1965	0.6
22.	Sodium	mg/L	IS:3025 (Part-45)	697
23.	Potassium	mg/L	IS:3025 (Part-45)	32.4
24.	Calcium	mg/L	IS:3025 (Part-40)	65.7
25.	Magnesium	mg/L	IS:3025 (Part-46)	44.8
26.	Arsenic	mg/L	IS:3025 (Part-37)	BDL(MDL:0.01)

27.	Nickel	mg/L	IS:3025 (Part-54)	0.047
28.	Copper	mg/L	IS:3025 (Part-42)	BDL(MDL:0.05)
29.	Mercury	mg/L	IS:3025 (Part-48)	BDL(MDL:0.001)
30.	Chromium	mg/L	IS:3025 (Part-52)	BDL(MDL:0.05)
31.	Cadmium	mg/L	IS:3025 (Part-41)	BDL(MDL:0.003)
32.	Zinc	mg/L	IS:3025 (Part-49)	BDL(MDL:0.05)
33.	Lead	mg/L	IS:3025 (Part-47)	BDL(MDL:0.01)
34.	Iron	mg/L	IS:3025 (Part-53)	0.231
35.	Alpha BHC	ppb	USEPA 8081 A	BDL(MDL:0.01)
36.	Beta BHC	ppb	USEPA 8081 A	BDL(MDL:0.04)
37.	Gama BHC	ppb	USEPA 8081 A	BDL(MDL:2.0)
38.	OP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
39.	PP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
40.	Alpha Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
41.	Beta Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
42.	Dieldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
43.	2-4 D	ppb	USEPA 1699-2007	BDL(MDL:30.0)
44.	Aldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
45.	Chloropyriphos	ppb	USEPA 1699-2007	BDL(MDL:30.0)
46.	Carboryl (Carbamate)	ppb	USEPA 1699-2007	BDL(MDL:0.01)
47.	Methyl Parathin	ppb	USEPA 1699-2007	BDL(MDL:0.3)
48.	Anilophos	ppb	USEPA 1699-2007	BDL(MDL:0.01)
49.	Malathian	ppb	USEPA 8081 B	BDL(MDL:190.0)
50.	Total Coliform	MPN/ 100 ml	APHA:9221 B 23 rd Edition (Page: 9-69)	>1600
51.	Fecal Coliform	MPN/ 100 ml	APHA:9222 D 23 rd Edition (Page: 9-89)	1600
52.	Fecal Streptococci	MPN/ 100 ml	IS:1622-1981 (R.A.-1996)	211

Statement of conformity:-

Remarks:

BDL: Below Detection Limit, MDL: Minimum Detection Limit

Mrs. Khushbu S. Gajjar
Technical Manager

Mr. Swastik R. Gajjar
Lab Manager(Q)

* End of Report *

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REPORT NUMBER:EI/WW/0321/040

DATE OF REPORT: 31-03-2021

F/7.8/01/Issue No.01/Issue Date: 01-10-2018/ Amend No.:00 / Amend Date:-- / Page 2 of 2

TEST REPORT

REPORT NUMBER: EI/WW/0321/041**DATE OF REPORT: 31-03-2021****CLIENT NAME : POLLUTION CONTROL COMMITTEE,****Dadra and Nagar Haveli and Daman and Diu****ADDRESS : 1st Floor, Udyog Bhavan, Bhenslore, Daman- 396220,INDIA****SAMPLE DETAILS.**

Laboratory ID	: EI/WW/0321/041	Date of Sampling	: 25-03-2021
Sample Type	: Surface Water	Date of Sample Receipt	: 25-03-2021
Type of Sampling	: Grab	Sample Condition	: Good
Place of Sampling	: At D/s of Discharge Point of Distillery	Quantity of Sample Received	: 5 Liter
Description (GPS)	: N 20°24'0.18", E 72°50'3.1884"	Analysis Start Date	: 25-03-2021
Sampling Protocol / Standard	: IS3025 (Part 1):1987(R.A.2003)	Analysis End Date	: 31-03-2021
Sampling Conducted By	: Nimesh	Duration of Sampling	: -

Sl. No	PARAMETER	UNIT	TEST METHOD	RESULTS
1.	Temperature	°C	APHA:2550 B 23 rd Edition (Page: 2-74)	27.1
2.	pH @ 25°C	pH	APHA:4500 H ⁺ B 23 rd Edition (Page: 4-13)	6.66
3.	Conductivity	µs/cm	IS:3025 (Part-14)	17925.5
4.	Dissolve Oxygen	mg/L	IS:3025 (Part-38)	4.8
5.	Biological Oxygen Demand	mg/L	IS:3025 (Part-44)(3 Days at 27°C)	2.6
6.	Nitrate as N	mg/L	IS:3025 (Part-44)	0.4
7.	Ammonia as N	mg/L	APHA:4500 NH ₃ -B-C 23 rd Edition (Page: 4-114)	6.1
8.	Chemical Oxygen Demand	mg/L	APHA:5220 B 23 rd Edition (Page: 5-18)	26.7
9.	Total Kjeldahl Nitrogen	mg/L	IS:3025 (Part-34)	7.9
10.	Total Dissolve Solids	mg/L	APHA:2540 C 23 rd Edition (Page: 2-69)	11651
11.	Total Fixed Solids	mg/L	IS:3025 (Part-18)	6842
12.	Total Suspended Solids	mg/L	APHA:2540 B 23 rd Edition (Page: 2-70)	42
13.	Turbidity	NTU	IS:3025 (Part-10)	1
14.	Hardness	mg/L	IS:3025 (Part-21)	2224
15.	Fluoride	mg/L	IS:3025 (Part-60)	0.93
16.	Boron	mg/L	IS:3025 (Part-57)	1.19
17.	Chloride	mg/L	APHA:4500 Cl ⁻ B 23 rd Edition (Page: 4-75)	7597.64
18.	Sulphate	mg/L	IS:3025 (Part-28)	1297.6
19.	Total Alkalinity	mg/L	IS:3025 (Part-23)	142
20.	P-Alkalinity	mg/L	IS:3025 (Part-23)	BDL(MDL:4.0)
21.	Phosphate	mg/L	IS:3550 -1965	0.3
22.	Sodium	mg/L	IS:3025 (Part-45)	2754
23.	Potassium	mg/L	IS:3025 (Part-45)	121
24.	Calcium	mg/L	IS:3025 (Part-40)	174.6
25.	Magnesium	mg/L	IS:3025 (Part-46)	98.6

26.	Arsenic	mg/L	IS:3025 (Part-37)	BDL(MDL:0.01)
27.	Nickel	mg/L	IS:3025 (Part-54)	0.366
28.	Copper	mg/L	IS:3025 (Part-42)	BDL(MDL:0.05)
29.	Mercury	mg/L	IS:3025 (Part-48)	BDL(MDL:0.001)
30.	Chromium	mg/L	IS:3025 (Part-52)	0.078
31.	Cadmium	mg/L	IS:3025 (Part-41)	0.11
32.	Zinc	mg/L	IS:3025 (Part-49)	BDL(MDL:0.05)
33.	Lead	mg/L	IS:3025 (Part-47)	BDL(MDL:0.01)
34.	Iron	mg/L	IS:3025 (Part-53)	0.642
35.	Alpha BHC	ppb	USEPA 8081 A	BDL(MDL:0.01)
36.	Beta BHC	ppb	USEPA 8081 A	BDL(MDL:0.04)
37.	Gama BHC	ppb	USEPA 8081 A	BDL(MDL:2.0)
38.	OP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
39.	PP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
40.	Alpha Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
41.	Beta Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
42.	Dieldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
43.	2-4 D	ppb	USEPA 1699-2007	BDL(MDL:30.0)
44.	Aldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
45.	Chloropyriphos	ppb	USEPA 1699-2007	BDL(MDL:30.0)
46.	Carboryl (Carbamate)	ppb	USEPA 1699-2007	BDL(MDL:0.01)
47.	Methyl Parathin	ppb	USEPA 1699-2007	BDL(MDL:0.3)
48.	Anilophos	ppb	USEPA 1699-2007	BDL(MDL:0.01)
49.	Malathian	ppb	USEPA 8081 B	BDL(MDL:190.0)
50.	Total Coliform	MPN/ 100 ml	APHA:9221 B 23 rd Edition (Page: 9-69)	343
51.	Fecal Coliform	MPN/ 100 ml	APHA:9222 D 23 rd Edition (Page: 9-89)	42
52.	Fecal Streptococci	MPN/ 100 ml	IS:1622-1981 (R.A.-1996)	21

Statement of conformity:-

Remarks:

BDL: Below Detection Limit, MDL: Minimum Detection Limit

Mrs. Khushbu S. Gajjar
Technical Manager

Mr. Swastik R. Gajjar
Lab Manager(Q)

* End of Report *

- 1) The results relate only to the items tested.
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REPORT NUMBER: **EI/WW/0321/041**

DATE OF REPORT: **31-03-2021**

F/7.8/01/Issue No.01/Issue Date: 01-10-2018/ Amend No.:00 / Amend Date:-- / Page 2 of 2

TEST REPORT

REPORT NUMBER:EI/WW/0321/042**DATE OF REPORT: 31-03-2021****CLIENT NAME : POLLUTION CONTROL COMMITTEE,****Dadra and Nagar Haveli and Daman and Diu****ADDRESS : 1st Floor, Udyog Bhavan, Bhenslore, Daman- 396220,INDIA****SAMPLE DETAILS.**

Laboratory ID : EI/WW/0321/042	Date of Sampling : 25-03-2021
Sample Type : Surface Water	Date of Sample Receipt : 25-03-2021
Type of Sampling : Grab	Sample Condition : Good
Place of Sampling : At Moti Daman Jetty	Quantity of Sample Received : 5 Liter
Description (GPS) : N 20°24'40.18", E 72°50'3.19"	Analysis Start Date : 25-03-2021
Sampling Protocol / Standard : IS3025 (Part 1):1987(R.A.2003)	Analysis End Date : 31-03-2021
Sampling Conducted By : Nimesh	Duration of Sampling : -

Sl. No	PARAMETER	UNIT	TEST METHOD	RESULTS
1.	Temperature	°C	APHA:2550 B 23 rd Edition (Page: 2-74)	28.7
2.	pH @ 25°C	pH	APHA:4500 H ⁺ B 23 rd Edition (Page: 4-13)	6.76
3.	Conductivity	µs/cm	IS:3025 (Part-14)	21027.07
4.	Dissolve Oxygen	mg/L	IS:3025 (Part-38)	4.4
5.	Biological Oxygen Demand	mg/L	IS:3025 (Part-44)(3 Days at 27°C)	2.3
6.	Nitrate as N	mg/L	IS:3025 (Part-44)	0.5
7.	Ammonia as N	mg/L	APHA:4500 NH ₃ -B-C 23 rd Edition (Page: 4-114)	2.6
8.	Chemical Oxygen Demand	mg/L	APHA:5220 B 23 rd Edition (Page: 5-18)	24.8
9.	Total Kjeldahl Nitrogen	mg/L	IS:3025 (Part-34)	8.6
10.	Total Dissolve Solids	mg/L	APHA:2540 C 23 rd Edition (Page: 2-69)	13667
11.	Total Fixed Solids	mg/L	IS:3025 (Part-18)	8671
12.	Total Suspended Solids	mg/L	APHA:2540 B 23 rd Edition (Page: 2-70)	54
13.	Turbidity	NTU	IS:3025 (Part-10)	5
14.	Hardness	mg/L	IS:3025 (Part-21)	2736
15.	Fluoride	mg/L	IS:3025 (Part-60)	0.37
16.	Boron	mg/L	IS:3025 (Part-57)	0.23
17.	Chloride	mg/L	APHA:4500 Cl ⁻ B 23 rd Edition (Page: 4-75)	3598.89
18.	Sulphate	mg/L	IS:3025 (Part-28)	1742.5
19.	Total Alkalinity	mg/L	IS:3025 (Part-23)	112
20.	P-Alkalinity	mg/L	IS:3025 (Part-23)	BDL(MDL:4.0)
21.	Phosphate	mg/L	IS:3550 -1965	0.9
22.	Sodium	mg/L	IS:3025 (Part-45)	2872
23.	Potassium	mg/L	IS:3025 (Part-45)	185
24.	Calcium	mg/L	IS:3025 (Part-40)	845.7
25.	Magnesium	mg/L	IS:3025 (Part-46)	371.2
26.	Arsenic	mg/L	IS:3025 (Part-37)	BDL(MDL:0.01)

27.	Nickel	mg/L	IS:3025 (Part-54)	0.341
28.	Copper	mg/L	IS:3025 (Part-42)	0.051
29.	Mercury	mg/L	IS:3025 (Part-48)	BDL(MDL:0.001)
30.	Chromium	mg/L	IS:3025 (Part-52)	0.82
31.	Cadmium	mg/L	IS:3025 (Part-41)	0.177
32.	Zinc	mg/L	IS:3025 (Part-49)	0.143
33.	Lead	mg/L	IS:3025 (Part-47)	BDL(MDL:0.01)
34.	Iron	mg/L	IS:3025 (Part-53)	0.74
35.	Alpha BHC	ppb	USEPA 8081 A	BDL(MDL:0.01)
36.	Beta BHC	ppb	USEPA 8081 A	BDL(MDL:0.04)
37.	Gama BHC	ppb	USEPA 8081 A	BDL(MDL:2.0)
38.	OP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
39.	PP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
40.	Alpha Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
41.	Beta Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
42.	Dieldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
43.	2-4 D	ppb	USEPA 1699-2007	BDL(MDL:30.0)
44.	Aldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
45.	Chloropyriphos	ppb	USEPA 1699-2007	BDL(MDL:30.0)
46.	Carboryl (Carbamate)	ppb	USEPA 1699-2007	BDL(MDL:0.01)
47.	Methyl Parathin	ppb	USEPA 1699-2007	BDL(MDL:0.3)
48.	Anilophos	ppb	USEPA 1699-2007	BDL(MDL:0.01)
49.	Malathian	ppb	USEPA 8081 B	BDL(MDL:190.0)
50.	Total Coliform	MPN/ 100 ml	APHA:9221 B 23 rd Edition (Page: 9-69)	312
51.	Fecal Coliform	MPN/ 100 ml	APHA:9222 D 23 rd Edition (Page: 9-89)	31
52.	Fecal Streptococci	MPN/ 100 ml	IS:1622-1981 (R.A.-1996)	21

Statement of conformity:-

Remarks:

BDL: Below Detection Limit, MDL: Minimum Detection Limit

Mrs. Khushbu S. Gajjar
Technical Manager

Mr. Swastik R. Gajjar
Lab Manager(Q)

* End of Report *

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REPORT NUMBER: **EI/WW/0321/042**

DATE OF REPORT: **31-03-2021**

F/7.8/01/Issue No.01/Issue Date: 01-10-2018/ Amend No.:00 / Amend Date:-- / Page 2 of 2

TEST REPORT

REPORT NUMBER:EI/WW/0321/043**DATE OF REPORT: 31-03-2021****CLIENT NAME : POLLUTION CONTROL COMMITTEE,****Dadra and Nagar Haveli and Daman and Diu****ADDRESS : 1st Floor, Udyog Bhavan, Bhenslore, Daman- 396220,INDIA****SAMPLE DETAILS.**

Laboratory ID	: EI/WW/0321/043	Date of Sampling	: 25-03-2021
Sample Type	: Surface Water	Date of Sample Receipt	: 25-03-2021
Type of Sampling	: Grab	Sample Condition	: Good
Place of Sampling	: Outlet of CETP, Vapi	Quantity of Sample Received	: 5 Liter
Description (GPS)	: N 20°20'34.62"E72°54'20.38"	Analysis Start Date	: 25-03-2021
Sampling Protocol / Standard	: IS3025 (Part 1):1987(R.A.2003)	Analysis End Date	: 31-03-2021
Sampling Conducted By	: Nimesh	Duration of Sampling	: -

Sl. No	PARAMETER	UNIT	TEST METHOD	RESULTS
1.	Temperature	°C	APHA:2550 B 23 rd Edition (Page: 2-74)	27.9
2.	pH @ 25°C	pH	APHA:4500 H ⁺ B 23 rd Edition (Page: 4-13)	6.96
3.	Conductivity	µs/cm	IS:3025 (Part-14)	14047.07
4.	Dissolve Oxygen	mg/L	IS:3025 (Part-38)	2.9
5.	Biological Oxygen Demand	mg/L	IS:3025 (Part-44)(3 Days at 27°C)	27
6.	Nitrate as N	mg/L	IS:3025 (Part-44)	2.3
7.	Ammonia as N	mg/L	APHA:4500 NH ₃ -B-C 23 rd Edition (Page: 4-114)	11.28
8.	Chemical Oxygen Demand	mg/L	APHA:5220 B 23 rd Edition (Page: 5-18)	217.6
9.	Total Kjeldahl Nitrogen	mg/L	IS:3025 (Part-34)	33.5
10.	Total Dissolve Solids	mg/L	APHA:2540 C 23 rd Edition (Page: 2-69)	9130
11.	Total Fixed Solids	mg/L	IS:3025 (Part-18)	3254
12.	Total Suspended Solids	mg/L	APHA:2540 B 23 rd Edition (Page: 2-70)	17
13.	Turbidity	NTU	IS:3025 (Part-10)	0.1
14.	Hardness	mg/L	IS:3025 (Part-21)	2453
15.	Fluoride	mg/L	IS:3025 (Part-60)	0.81
16.	Boron	mg/L	IS:3025 (Part-57)	0.38
17.	Chloride	mg/L	APHA:4500 Cl ⁻ B 23 rd Edition (Page: 4-75)	2483.5
18.	Sulphate	mg/L	IS:3025 (Part-28)	894.2
19.	Total Alkalinity	mg/L	IS:3025 (Part-23)	201
20.	P-Alkalinity	mg/L	IS:3025 (Part-23)	BDL(MDL:4.0)
21.	Phosphate	mg/L	IS:3550 -1965	0.8
22.	Sodium	mg/L	IS:3025 (Part-45)	756
23.	Potassium	mg/L	IS:3025 (Part-45)	28.4
24.	Calcium	mg/L	IS:3025 (Part-40)	743.2
25.	Magnesium	mg/L	IS:3025 (Part-46)	81.4
26.	Arsenic	mg/L	IS:3025 (Part-37)	BDL(MDL:0.01)

27.	Nickel	mg/L	IS:3025 (Part-54)	0.283
28.	Copper	mg/L	IS:3025 (Part-42)	0.078
29.	Mercury	mg/L	IS:3025 (Part-48)	BDL(MDL:0.001)
30.	Chromium	mg/L	IS:3025 (Part-52)	0.119
31.	Cadmium	mg/L	IS:3025 (Part-41)	0.061
32.	Zinc	mg/L	IS:3025 (Part-49)	0.21
33.	Lead	mg/L	IS:3025 (Part-47)	BDL(MDL:0.01)
34.	Iron	mg/L	IS:3025 (Part-53)	1.45
35.	Alpha BHC	ppb	USEPA 8081 A	BDL(MDL:0.01)
36.	Beta BHC	ppb	USEPA 8081 A	BDL(MDL:0.04)
37.	Gama BHC	ppb	USEPA 8081 A	BDL(MDL:2.0)
38.	OP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
39.	PP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
40.	Alpha Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
41.	Beta Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
42.	Dieldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
43.	2-4 D	ppb	USEPA 1699-2007	BDL(MDL:30.0)
44.	Aldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
45.	Chloropyriphos	ppb	USEPA 1699-2007	BDL(MDL:30.0)
46.	Carboryl (Carbamate)	ppb	USEPA 1699-2007	BDL(MDL:0.01)
47.	Methyl Parathin	ppb	USEPA 1699-2007	BDL(MDL:0.3)
48.	Anilophos	ppb	USEPA 1699-2007	BDL(MDL:0.01)
49.	Malathian	ppb	USEPA 8081 B	BDL(MDL:190.0)
50.	Total Coliform	MPN/ 100 ml	APHA:9221 B 23 rd Edition (Page: 9-69)	>1600
51.	Fecal Coliform	MPN/ 100 ml	APHA:9222 D 23 rd Edition (Page: 9-89)	1600
52.	Fecal Streptococci	MPN/ 100 ml	IS:1622-1981 (R.A.-1996)	324

Statement of conformity:-

Remarks:

BDL: Below Detection Limit, MDL: Minimum Detection Limit

Mrs. Khushbu S. Gajjar
Technical Manager

Mr. Swastik R. Gajjar
Lab Manager(Q)

* End of Report *

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REPORT NUMBER: **EI/WW/0321/043**

DATE OF REPORT: **31-03-2021**

F/7.8/01/Issue No.01/Issue Date: 01-10-2018/ Amend No.:00 / Amend Date:-- / Page 2 of 2

TEST REPORT

REPORT NUMBER:EI/WW/0321/044**DATE OF REPORT: 31-03-2021****CLIENT NAME : POLLUTION CONTROL COMMITTEE,****Dadra and Nagar Haveli and Daman and Diu****ADDRESS : 1st Floor, Udyog Bhavan, Bhenslore, Daman- 396220,INDIA****SAMPLE DETAILS.**

Laboratory ID	: EI/WW/0321/044	Date of Sampling	: 25-03-2021
Sample Type	: Surface Water	Date of Sample Receipt	: 25-03-2021
Type of Sampling	: Grab	Sample Condition	: Good
Place of Sampling	: Outlet of GHCL,Bhilad	Quantity of Sample Received	: 5 Liter
Description (GPS)	: N 20°17'35.81"E72°53'49.31"	Analysis Start Date	: 25-03-2021
Sampling Protocol / Standard	: IS3025 (Part 1):1987(R.A.2003)	Analysis End Date	: 31-03-2021
Sampling Conducted By	: Nimesh	Duration of Sampling	: -

Sl. No	PARAMETER	UNIT	TEST METHOD	RESULTS
1.	Temperature	°C	APHA:2550 B 23 rd Edition (Page: 2-74)	28.7
2.	pH @ 25°C	pH	APHA:4500 H ⁺ B 23 rd Edition (Page: 4-13)	7.53
3.	Conductivity	µs/cm	IS:3025 (Part-14)	1390.15
4.	Dissolve Oxygen	mg/L	IS:3025 (Part-38)	5.6
5.	Biological Oxygen Demand	mg/L	IS:3025 (Part-44)(3 Days at 27°C)	31
6.	Nitrate as N	mg/L	IS:3025 (Part-44)	3.8
7.	Ammonia as N	mg/L	APHA:4500 NH ₃ -B-C 23 rd Edition (Page: 4-114)	6.16
8.	Chemical Oxygen Demand	mg/L	APHA:5220 B 23 rd Edition (Page: 5-18)	219.3
9.	Total Kjeldahl Nitrogen	mg/L	IS:3025 (Part-34)	11.9
10.	Total Dissolve Solids	mg/L	APHA:2540 C 23 rd Edition (Page: 2-69)	903
11.	Total Fixed Solids	mg/L	IS:3025 (Part-18)	758
12.	Total Suspended Solids	mg/L	APHA:2540 B 23 rd Edition (Page: 2-70)	81
13.	Turbidity	NTU	IS:3025 (Part-10)	5
14.	Hardness	mg/L	IS:3025 (Part-21)	288
15.	Fluoride	mg/L	IS:3025 (Part-60)	0.32
16.	Boron	mg/L	IS:3025 (Part-57)	ND
17.	Chloride	mg/L	APHA:4500 Cl ⁻ B 23 rd Edition (Page: 4-75)	347.89
18.	Sulphate	mg/L	IS:3025 (Part-28)	210.5
19.	Total Alkalinity	mg/L	IS:3025 (Part-23)	356
20.	P-Alkalinity	mg/L	IS:3025 (Part-23)	BDL(MDL:4.0)
21.	Phosphate	mg/L	IS:3550 -1965	0.9
22.	Sodium	mg/L	IS:3025 (Part-45)	372
23.	Potassium	mg/L	IS:3025 (Part-45)	8.2
24.	Calcium	mg/L	IS:3025 (Part-40)	52.4
25.	Magnesium	mg/L	IS:3025 (Part-46)	15.6
26.	Arsenic	mg/L	IS:3025 (Part-37)	BDL(MDL:0.01)

27.	Nickel	mg/L	IS:3025 (Part-54)	BDL(MDL:0.02)
28.	Copper	mg/L	IS:3025 (Part-42)	BDL(MDL:0.05)
29.	Mercury	mg/L	IS:3025 (Part-48)	BDL(MDL:0.001)
30.	Chromium	mg/L	IS:3025 (Part-52)	0.062
31.	Cadmium	mg/L	IS:3025 (Part-41)	BDL(MDL:0.003)
32.	Zinc	mg/L	IS:3025 (Part-49)	BDL(MDL:0.05)
33.	Iron	mg/L	IS:3025 (Part-53)	BDL(MDL:0.01)
34.	Lead	mg/L	IS:3025 (Part-47)	0.224
35.	Alpha BHC	ppb	USEPA 8081 A	BDL(MDL:0.01)
36.	Beta BHC	ppb	USEPA 8081 A	BDL(MDL:0.04)
37.	Gama BHC	ppb	USEPA 8081 A	BDL(MDL:2.0)
38.	OP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
39.	PP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
40.	Alpha Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
41.	Beta Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
42.	Dieldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
43.	2-4 D	ppb	USEPA 1699-2007	BDL(MDL:30.0)
44.	Aldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
45.	Chloropyriphos	ppb	USEPA 1699-2007	BDL(MDL:30.0)
46.	Carboryl (Carbamate)	ppb	USEPA 1699-2007	BDL(MDL:0.01)
47.	Methyl Parathin	ppb	USEPA 1699-2007	BDL(MDL:0.3)
48.	Anilophos	ppb	USEPA 1699-2007	BDL(MDL:0.01)
49.	Malathian	ppb	USEPA 8081 B	BDL(MDL:190.0)
50.	Total Coliform	MPN/ 100 ml	APHA:9221 B 23 rd Edition (Page: 9-69)	>1600
51.	Fecal Coliform	MPN/ 100 ml	APHA:9222 D 23 rd Edition (Page: 9-89)	1600
52.	Fecal Streptococci	MPN/ 100 ml	IS:1622-1981 (R.A.-1996)	853

Statement of conformity:-

Remarks:

BDL: Below Detection Limit, MDL: Minimum Detection Limit

Mrs. Khushbu S. Gajjar
Technical Manager

Mr. Swastik R. Gajjar
Lab Manager(Q)

* End of Report *

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REPORT NUMBER: **EI/WW/0321/044**

DATE OF REPORT: **31-03-2021**

F/7.8/01/Issue No.01/Issue Date: 01-10-2018/ Amend No.:00 / Amend Date:-- / Page 2 of 2

TEST REPORT

REPORT NUMBER: EI/WW/0321/045
DATE OF REPORT: 31-03-2021
CLIENT NAME : POLLUTION CONTROL COMMITTEE,
Dadra and Nagar Haveli and Daman and Diu
ADDRESS : 1st Floor, Udyog Bhavan, Bhenslore, Daman- 396220,INDIA
SAMPLE DETAILS.

Laboratory ID	: EI/WW/0321/045	Date of Sampling	: 25-03-2021
Sample Type	: Surface Water	Date of Sample Receipt	: 25-03-2021
Type of Sampling	: Grab	Sample Condition	: Good
Place of Sampling	: 100 meter Downstream of outlet of CETP, Vapi (from river)	Quantity of Sample Received	: 5 Liter
Description (GPS)	: N 20°20'31.52", E72°54'16.88"	Analysis Start Date	: 25-03-2021
Sampling Protocol / Standard	: IS3025 (Part 1):1987(R.A.2003)	Analysis End Date	: 31-03-2021
Sampling Conducted By	: Nimesh	Duration of Sampling	: -

Sl. No	PARAMETER	UNIT	TEST METHOD	RESULTS
1.	Temperature	°C	APHA:2550 B 23 rd Edition (Page: 2-74)	28.7
2.	pH @ 25°C	pH	APHA:4500 H ⁺ B 23 rd Edition (Page: 4-13)	7.01
3.	Conductivity	µs/cm	IS:3025 (Part-14)	1955.07
4.	Dissolve Oxygen	mg/L	IS:3025 (Part-38)	3.3
5.	Biological Oxygen Demand	mg/L	IS:3025 (Part-44)(3 Days at 27°C)	2.5
6.	Nitrate as N	mg/L	IS:3025 (Part-44)	0.6
7.	Ammonia as N	mg/L	APHA:4500 NH ₃ -B-C 23 rd Edition (Page: 4-114)	7.28
8.	Chemical Oxygen Demand	mg/L	APHA:5220 B 23 rd Edition (Page: 5-18)	26.8
9.	Total Kjeldahl Nitrogen	mg/L	IS:3025 (Part-34)	11.1
10.	Total Dissolve Solids	mg/L	APHA:2540 C 23 rd Edition (Page: 2-69)	1270
11.	Total Fixed Solids	mg/L	IS:3025 (Part-18)	811
12.	Total Suspended Solids	mg/L	APHA:2540 B 23 rd Edition (Page: 2-70)	18
13.	Turbidity	NTU	IS:3025 (Part-10)	0.1
14.	Hardness	mg/L	IS:3025 (Part-21)	329
15.	Fluoride	mg/L	IS:3025 (Part-60)	0.46
16.	Boron	mg/L	IS:3025 (Part-57)	ND
17.	Chloride	mg/L	APHA:4500 Cl ⁻ B 23 rd Edition (Page: 4-75)	315.4
18.	Sulphate	mg/L	IS:3025 (Part-28)	162
19.	Total Alkalinity	mg/L	IS:3025 (Part-23)	128
20.	P-Alkalinity	mg/L	IS:3025 (Part-23)	BDL(MDL:4.0)
21.	Phosphate	mg/L	IS:3550 -1965	0.54
22.	Sodium	mg/L	IS:3025 (Part-45)	218.2
23.	Potassium	mg/L	IS:3025 (Part-45)	7.4
24.	Calcium	mg/L	IS:3025 (Part-40)	64.7

25.	Magnesium	mg/L	IS:3025 (Part-46)	31.5
26.	Arsenic	mg/L	IS:3025 (Part-37)	BDL(MDL:0.01)
27.	Nickel	mg/L	IS:3025 (Part-54)	BDL(MDL:0.02)
28.	Copper	mg/L	IS:3025 (Part-42)	BDL(MDL:0.05)
29.	Mercury	mg/L	IS:3025 (Part-48)	BDL(MDL:0.001)
30.	Chromium	mg/L	IS:3025 (Part-52)	BDL(MDL:0.05)
31.	Cadmium	mg/L	IS:3025 (Part-41)	BDL(MDL:0.003)
32.	Zinc	mg/L	IS:3025 (Part-49)	BDL(MDL:0.05)
33.	Lead	mg/L	IS:3025 (Part-47)	BDL(MDL:0.01)
34.	Iron	mg/L	IS:3025 (Part-53)	0.198
35.	Alpha BHC	ppb	USEPA 8081 A	BDL(MDL:0.01)
36.	Beta BHC	ppb	USEPA 8081 A	BDL(MDL:0.04)
37.	Gama BHC	ppb	USEPA 8081 A	BDL(MDL:2.0)
38.	OP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
39.	PP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
40.	Alpha Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
41.	Beta Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
42.	Dieldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
43.	2-4 D	ppb	USEPA 1699-2007	BDL(MDL:30.0)
44.	Aldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
45.	Chloropyriphos	ppb	USEPA 1699-2007	BDL(MDL:30.0)
46.	Carboryl (Carbamate)	ppb	USEPA 1699-2007	BDL(MDL:0.01)
47.	Methyl Parathin	ppb	USEPA 1699-2007	BDL(MDL:0.3)
48.	Anilophos	ppb	USEPA 1699-2007	BDL(MDL:0.01)
49.	Malathian	ppb	USEPA 8081 B	BDL(MDL:190.0)
50.	Total Coliform	MPN/ 100 ml	APHA:9221 B 23 rd Edition (Page: 9-69)	>1600
51.	Fecal Coliform	MPN/ 100 ml	APHA:9222 D 23 rd Edition (Page: 9-89)	1600
52.	Fecal Streptococci	MPN/ 100 ml	IS:1622-1981 (R.A.-1996)	843

Statement of conformity:-

Remarks:

BDL: Below Detection Limit, MDL: Minimum Detection Limit

Mrs. Khushbu S. Gajjar
Technical Manager

Mr. Swastik R. Gajjar
Lab Manager(Q)

* End of Report *

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REPORT NUMBER: **EI/WW/0321/045**

DATE OF REPORT: **31-03-2021**

F/7.8/01/Issue No.01/Issue Date: 01-10-2018/ Amend No.:00 / Amend Date:-- / Page 2 of 2

TEST REPORT

REPORT NUMBER:EI/WW/0321/046**DATE OF REPORT: 31-03-2021****CLIENT NAME : POLLUTION CONTROL COMMITTEE,****Dadra and Nagar Haveli and Daman and Diu****ADDRESS : 1st Floor, Udyog Bhavan, Bhenslore, Daman- 396220,INDIA****SAMPLE DETAILS.**

Laboratory ID	: EI/WW/0321/046	Date of Sampling	: 25-03-2021
Sample Type	: Surface Water	Date of Sample Receipt	: 25-03-2021
Type of Sampling	: Grab	Sample Condition	: Good
Place of Sampling	: At Patalia Bridge(Kolak River)	Quantity of Sample Received	: 5 Liter
Description (GPS)	: N 20°27'41", E72°53'12.59"	Analysis Start Date	: 25-03-2021
Sampling Protocol / Standard	: IS3025 (Part 1):1987(R.A.2003)	Analysis End Date	: 31-03-2021
Sampling Conducted By	: Nimesh	Duration of Sampling	: -

Sl. No	PARAMETER	UNIT	TEST METHOD	RESULTS
1.	Temperature	°C	APHA:2550 B 23 rd Edition (Page: 2-74)	27.3
2.	pH @ 25°C	pH	APHA:4500 H ⁺ B 23 rd Edition (Page: 4-13)	7.39
3.	Conductivity	µs/cm	IS:3025 (Part-14)	484.66
4.	Dissolve Oxygen	mg/L	IS:3025 (Part-38)	7.5
5.	Biological Oxygen Demand	mg/L	IS:3025 (Part-44)(3 Days at 27°C)	2.6
6.	Nitrate as N	mg/L	IS:3025 (Part-44)	3.5
7.	Ammonia as N	mg/L	APHA:4500 NH ₃ -B-C 23 rd Edition (Page: 4-114)	4.1
8.	Chemical Oxygen Demand	mg/L	APHA:5220 B 23 rd Edition (Page: 5-18)	26.4
9.	Total Kjeldahl Nitrogen	mg/L	IS:3025 (Part-34)	9.8
10.	Total Dissolve Solids	mg/L	APHA:2540 C 23 rd Edition (Page: 2-69)	290
11.	Total Fixed Solids	mg/L	IS:3025 (Part-18)	112
12.	Total Suspended Solids	mg/L	APHA:2540 B 23 rd Edition (Page: 2-70)	9
13.	Turbidity	NTU	IS:3025 (Part-10)	0.1
14.	Hardness	mg/L	IS:3025 (Part-21)	184
15.	Fluoride	mg/L	IS:3025 (Part-60)	0.39
16.	Boron	mg/L	IS:3025 (Part-57)	ND
17.	Chloride	mg/L	APHA:4500 Cl ⁻ B 23 rd Edition (Page: 4-75)	73.97
18.	Sulphate	mg/L	IS:3025 (Part-28)	92.3
19.	Total Alkalinity	mg/L	IS:3025 (Part-23)	136
20.	P-Alkalinity	mg/L	IS:3025 (Part-23)	BDL(MDL:4.0)
21.	Phosphate	mg/L	IS:3550 -1965	0.8
22.	Sodium	mg/L	IS:3025 (Part-45)	158.6
23.	Potassium	mg/L	IS:3025 (Part-45)	7.8
24.	Calcium	mg/L	IS:3025 (Part-40)	40.2
25.	Magnesium	mg/L	IS:3025 (Part-46)	23.5
26.	Arsenic	mg/L	IS:3025 (Part-37)	BDL(MDL:0.01)

27.	Nickel	mg/L	IS:3025 (Part-54)	BDL(MDL:0.02)
28.	Copper	mg/L	IS:3025 (Part-42)	BDL(MDL:0.05)
29.	Mercury	mg/L	IS:3025 (Part-48)	BDL(MDL:0.001)
30.	Chromium	mg/L	IS:3025 (Part-52)	BDL(MDL:0.05)
31.	Cadmium	mg/L	IS:3025 (Part-41)	BDL(MDL:0.003)
32.	Zinc	mg/L	IS:3025 (Part-49)	BDL(MDL:0.05)
33.	Lead	mg/L	IS:3025 (Part-47)	BDL(MDL:0.01)
34.	Iron	mg/L	IS:3025 (Part-53)	0.117
35.	Alpha BHC	ppb	USEPA 8081 A	BDL(MDL:0.01)
36.	Beta BHC	ppb	USEPA 8081 A	BDL(MDL:0.04)
37.	Gama BHC	ppb	USEPA 8081 A	BDL(MDL:2.0)
38.	OP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
39.	PP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
40.	Alpha Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
41.	Beta Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
42.	Dieldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
43.	2-4 D	ppb	USEPA 1699-2007	BDL(MDL:30.0)
44.	Aldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
45.	Chloropyriphos	ppb	USEPA 1699-2007	BDL(MDL:30.0)
46.	Carboryl (Carbamate)	ppb	USEPA 1699-2007	BDL(MDL:0.01)
47.	Methyl Parathin	ppb	USEPA 1699-2007	BDL(MDL:0.3)
48.	Anilophos	ppb	USEPA 1699-2007	BDL(MDL:0.01)
49.	Malathian	ppb	USEPA 8081 B	BDL(MDL:190.0)
50.	Total Coliform	MPN/ 100 ml	APHA:9221 B 23 rd Edition (Page: 9-69)	>1600
51.	Fecal Coliform	MPN/ 100 ml	APHA:9222 D 23 rd Edition (Page: 9-89)	1600
52.	Fecal Streptococci	MPN/ 100 ml	IS:1622-1981 (R.A.-1996)	342

Statement of conformity:-

Remarks:

BDL: Below Detection Limit, MDL: Minimum Detection Limit

Mrs. Khushbu S. Gajjar
Technical Manager

Mr. Swastik R. Gajjar
Lab Manager(Q)

* End of Report *

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REPORT NUMBER: **EI/WW/0321/046**

DATE OF REPORT: **31-03-2021**

F/7.8/01/Issue No.01/Issue Date: 01-10-2018/ Amend No.:00 / Amend Date:-- / Page 2 of 2

TEST REPORT

REPORT NUMBER: EI/WW/0321/047

DATE OF REPORT: 31-03-2021

CLIENT NAME : POLLUTION CONTROL COMMITTEE,

Dadra and Nagar Haveli and Daman and Diu

ADDRESS : 1st Floor, Udyog Bhavan, Bhenslore, Daman- 396220,INDIA

SAMPLE DETAILS.

Laboratory ID	: EI/WW/0321/047	Date of Sampling	: 25-03-2021
Sample Type	: Surface Water	Date of Sample Receipt	: 25-03-2021
Type of Sampling	: Grab	Sample Condition	: Good
Place of Sampling	: At N.H.No.8,Vapi (Kolak River)	Quantity of Sample Received	: 5 Liter
Description (GPS)	: N 20°25'24.2", E72°54'57.28"	Analysis Start Date	: 25-03-2021
Sampling Protocol / Standard	: IS3025 (Part 1):1987(R.A.2003)	Analysis End Date	: 31-03-2021
Sampling Conducted By	: Nimesh	Duration of Sampling	: -

Sl. No	PARAMETER	UNIT	TEST METHOD	RESULTS
1.	Temperature	°C	APHA:2550 B 23 rd Edition (Page: 2-74)	28.8
2.	pH @ 25°C	pH	APHA:4500 H ⁺ B 23 rd Edition (Page: 4-13)	7.82
3.	Conductivity	µs/cm	IS:3025 (Part-14)	496
4.	Dissolve Oxygen	mg/L	IS:3025 (Part-38)	5.1
5.	Biological Oxygen Demand	mg/L	IS:3025 (Part-44)(3 Days at 27°C)	1.9
6.	Nitrate as N	mg/L	IS:3025 (Part-44)	3.2
7.	Ammonia as N	mg/L	APHA:4500 NH ₃ -B-C 23 rd Edition (Page: 4-114)	BDL(MDL:2.0)
8.	Chemical Oxygen Demand	mg/L	APHA:5220 B 23 rd Edition (Page: 5-18)	17.9
9.	Total Kjeldahl Nitrogen	mg/L	IS:3025 (Part-34)	BDL(MDL:2.0)
10.	Total Dissolve Solids	mg/L	APHA:2540 C 23 rd Edition (Page: 2-69)	284
11.	Total Fixed Solids	mg/L	IS:3025 (Part-18)	163
12.	Total Suspended Solids	mg/L	APHA:2540 B 23 rd Edition (Page: 2-70)	8
13.	Turbidity	NTU	IS:3025 (Part-10)	0.1
14.	Hardness	mg/L	IS:3025 (Part-21)	156.3
15.	Fluoride	mg/L	IS:3025 (Part-60)	0.43
16.	Boron	mg/L	IS:3025 (Part-57)	ND
17.	Chloride	mg/L	APHA:4500 Cl ⁻ B 23 rd Edition (Page: 4-75)	42.1
18.	Sulphate	mg/L	IS:3025 (Part-28)	18.4
19.	Total Alkalinity	mg/L	IS:3025 (Part-23)	163
20.	P-Alkalinity	mg/L	IS:3025 (Part-23)	BDL(MDL:4.0)
21.	Phosphate	mg/L	IS:3550 -1965	0.13
22.	Sodium	mg/L	IS:3025 (Part-45)	16.4
23.	Potassium	mg/L	IS:3025 (Part-45)	1.3
24.	Calcium	mg/L	IS:3025 (Part-40)	39.6
25.	Magnesium	mg/L	IS:3025 (Part-46)	14.5

26.	Arsenic	mg/L	IS:3025 (Part-37)	BDL(MDL:0.01)
27.	Nickel	mg/L	IS:3025 (Part-54)	BDL(MDL:0.02)
28.	Copper	mg/L	IS:3025 (Part-42)	BDL(MDL:0.05)
29.	Mercury	mg/L	IS:3025 (Part-48)	BDL(MDL:0.001)
30.	Chromium	mg/L	IS:3025 (Part-52)	BDL(MDL:0.05)
31.	Cadmium	mg/L	IS:3025 (Part-41)	BDL(MDL:0.003)
32.	Zinc	mg/L	IS:3025 (Part-49)	BDL(MDL:0.05)
33.	Lead	mg/L	IS:3025 (Part-47)	BDL(MDL:0.01)
34.	Iron	mg/L	IS:3025 (Part-53)	BDL(MDL:0.01)
35.	Alpha BHC	ppb	USEPA 8081 A	BDL(MDL:0.01)
36.	Beta BHC	ppb	USEPA 8081 A	BDL(MDL:0.04)
37.	Gama BHC	ppb	USEPA 8081 A	BDL(MDL:2.0)
38.	OP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
39.	PP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
40.	Alpha Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
41.	Beta Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
42.	Dieldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
43.	2-4 D	ppb	USEPA 1699-2007	BDL(MDL:30.0)
44.	Aldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
45.	Chloropyriphos	ppb	USEPA 1699-2007	BDL(MDL:30.0)
46.	Carboryl (Carbamate)	ppb	USEPA 1699-2007	BDL(MDL:0.01)
47.	Methyl Parathin	ppb	USEPA 1699-2007	BDL(MDL:0.3)
48.	Anilophos	ppb	USEPA 1699-2007	BDL(MDL:0.01)
49.	Malathian	ppb	USEPA 8081 B	BDL(MDL:190.0)
50.	Total Coliform	MPN/ 100 ml	APHA:9221 B 23 rd Edition (Page: 9-69)	347
51.	Fecal Coliform	MPN/ 100 ml	APHA:9222 D 23 rd Edition (Page: 9-89)	129
52.	Fecal Streptococci	MPN/ 100 ml	IS:1622-1981 (R.A.-1996)	34

Statement of conformity:-

Remarks:

BDL: Below Detection Limit, MDL: Minimum Detection Limit

Mrs. Khushbu S. Gajjar
Technical Manager

Mr. Swastik R. Gajjar
Lab Manager(Q)

* End of Report *

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REPORT NUMBER: **EI/WW/0321/047**

DATE OF REPORT: **31-03-2021**

F/7.8/01/Issue No.01/Issue Date: 01-10-2018/ Amend No.:00 / Amend Date:-- / Page 2 of 2

TEST REPORT

REPORT NUMBER: EI/WW/0421/035**DATE OF REPORT: 05-05-2021****CLIENT NAME : POLLUTION CONTROL COMMITTEE,****Dadra and Nagar Haveli and Daman and Diu****ADDRESS : 1st Floor, Udyog Bhavan, Bhenslore, Daman- 396220,INDIA****SAMPLE DETAILS.**

Laboratory ID : EI/WW/021/0 35	Date of Sampling : 29-04-2021
Sample Type : Surface Water	Date of Sample Receipt : 29-04-2021
Type of Sampling : Grab	Sample Condition : Good
Place of Sampling : D/s of Madhuban Dam	Quantity of Sample Received : 5 Liter
Description (GPS) : N 20°12'57", E 73°2'29"	Analysis Start Date : 29-04-2021
Sampling Protocol / Standard : IS-3025 (Part 1):1987(R.A.2003)	Analysis End Date : 05-05-2021
Sampling Conducted By : Nimesh	Duration of Sampling : -

Sl. No	PARAMETER	UNIT	TEST METHOD	RESULTS
1.	Temperature	°C	APHA:2550 B 23 rd Edition (Page: 2-74)	28.1
2.	pH @ 25°C	pH	APHA:4500 H ⁺ B 23 rd Edition (Page: 4-13)	7.86
3.	Conductivity	µs/cm	IS:3025 (Part-14)	241.2
4.	Dissolve Oxygen	mg/L	IS:3025 (Part-38)	7.1
5.	Biological Oxygen Demand	mg/L	IS:3025 (Part-44)(3 Days at 27°C)	BDL(MDL:1.0)
6.	Nitrate as N	mg/L	IS:3025 (Part-44)	BDL(MDL:0.1)
7.	Ammonia as N	mg/L	APHA:4500 NH ₃ -B-C 23 rd Edition (Page: 4-114)	BDL(MDL:2.0)
8.	Chemical Oxygen Demand	mg/L	APHA:5220 B 23 rd Edition (Page: 5-18)	BDL(MDL:2.0)
9.	Total Kjeldahl Nitrogen	mg/L	IS:3025 (Part-34)	BDL(MDL:2.0)
10.	Total Dissolve Solids	mg/L	APHA:2540 C 23 rd Edition (Page: 2-69)	78
11.	Total Fixed Solids	mg/L	IS:3025 (Part-18)	94
12.	Total Suspended Solids	mg/L	APHA:2540 B 23 rd Edition (Page: 2-70)	BDL(MDL:4.0)
13.	Turbidity	NTU	IS:3025 (Part-10)	0.1
14.	Hardness	mg/L	IS:3025 (Part-21)	76
15.	Fluoride	mg/L	IS:3025 (Part-60)	BDL(MDL:0.1)
16.	Boron	mg/L	IS:3025 (Part-57)	ND
17.	Chloride	mg/L	APHA:4500 Cl ⁻ B 23 rd Edition (Page: 4-75)	5.9
18.	Sulphate	mg/L	IS:3025 (Part-28)	3.4
19.	Total Alkalinity	mg/L	IS:3025 (Part-23)	71
20.	P-Alkalinity	mg/L	IS:3025 (Part-23)	BDL(MDL:4.0)
21.	Phosphate	mg/L	IS:3550 -1965	BDL(MDL:0.1)
22.	Sodium	mg/L	IS:3025 (Part-45)	13.8
23.	Potassium	mg/L	IS:3025 (Part-45)	BDL(MDL:1.0)
24.	Calcium	mg/L	IS:3025 (Part-40)	13.7
25.	Magnesium	mg/L	IS:3025 (Part-46)	4.7
26.	Arsenic	mg/L	IS:3025 (Part-37)	BDL(MDL:0.01)

27.	Nickel	mg/L	IS:3025 (Part-54)	BDL(MDL:0.02)
28.	Copper	mg/L	IS:3025 (Part-42)	BDL(MDL:0.05)
29.	Mercury	mg/L	IS:3025 (Part-48)	BDL(MDL:0.001)
30.	Chromium	mg/L	IS:3025 (Part-52)	BDL(MDL:0.05)
31.	Cadmium	mg/L	IS:3025 (Part-41)	BDL(MDL:0.003)
32.	Zinc	mg/L	IS:3025 (Part-49)	BDL(MDL:0.05)
33.	Lead	mg/L	IS:3025 (Part-47)	BDL(MDL:0.01)
34.	Iron	mg/L	IS:3025 (Part-53)	BDL(MDL:0.01)
35.	Alpha BHC	ppb	USEPA 8081 A	BDL(MDL:0.01)
36.	Beta BHC	ppb	USEPA 8081 A	BDL(MDL:0.04)
37.	Gama BHC	ppb	USEPA 8081 A	BDL(MDL:2.0)
38.	OP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
39.	PP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
40.	Alpha Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
41.	Beta Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
42.	Dieldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
43.	2-4 D	ppb	USEPA 1699-2007	BDL(MDL:30.0)
44.	Aldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
45.	Chloropyriphos	ppb	USEPA 1699-2007	BDL(MDL:30.0)
46.	Carboryl (Carbamate)	ppb	USEPA 1699-2007	BDL(MDL:0.01)
47.	Methyl Parathin	ppb	USEPA 1699-2007	BDL(MDL:0.3)
48.	Anilophos	ppb	USEPA 1699-2007	BDL(MDL:0.01)
49.	Malathian	ppb	USEPA 8081 B	BDL(MDL:190.0)
50.	Total Coliform	MPN/ 100 ml	APHA:9221 B 23 rd Edition (Page: 9-69)	37
51.	Fecal Coliform	MPN/ 100 ml	APHA:9222 D 23 rd Edition (Page: 9-89)	7
52.	Fecal Streptococci	MPN/ 100 ml	IS:1622-1981 (R.A.-1996)	4

Statement of conformity:-

Remarks:

BDL: Below Detection Limit, MDL: Minimum Detection Limit

Mrs. Khushbu S. Gajjar
Technical Manager

Mr. Swastik R. Gajjar
Lab Manager(Q)

* End of Report *

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REPORT NUMBER: **EI/WW/0421/035**

DATE OF REPORT: **05-05-2021**

F/7.8/01/Issue No.01/Issue Date: 01-10-2018/ Amend No.:00 / Amend Date:-- / Page 2 of 2

TEST REPORT

REPORT NUMBER: EI/WW/0421/036**DATE OF REPORT: 05-05-2021****CLIENT NAME : POLLUTION CONTROL COMMITTEE,****Dadra and Nagar Haveli and Daman and Diu****ADDRESS : 1st Floor, Udyog Bhavan, Bhenslore, Daman- 396220,INDIA****SAMPLE DETAILS.**

Laboratory ID : EI/WW/0421/036	Date of Sampling : 29-04-2021
Sample Type : Surface Water	Date of Sample Receipt : 29-04-2021
Type of Sampling : Grab	Sample Condition : Good
Place of Sampling : D/s of Naroli Bridge,Silvassa,DNH	Quantity of Sample Received : 5 Liter
Description (GPS) : N 20°16'7", E 72°59'21"	Analysis Start Date : 29-04-2021
Sampling Protocol / Standard : IS3025 (Part 1):1987(R.A.2003)	Analysis End Date : 05-05-2021
Sampling Conducted By : Nimesh	Duration of Sampling : -

Sl. No	PARAMETER	UNIT	TEST METHOD	RESULTS
1.	Temperature	°C	APHA:2550 B 23 rd Edition (Page: 2-74)	28.2
2.	pH @ 25°C	pH	APHA:4500 H ⁺ B 23 rd Edition (Page: 4-13)	8.13
3.	Conductivity	µs/cm	IS:3025 (Part-14)	277.4
4.	Dissolve Oxygen	mg/L	IS:3025 (Part-38)	6.8
5.	Biological Oxygen Demand	mg/L	IS:3025 (Part-44)(3 Days at 27°C)	BDL(MDL:1.0)
6.	Nitrate as N	mg/L	IS:3025 (Part-44)	0.4
7.	Ammonia as N	mg/L	APHA:4500 NH ₃ -B-C 23 rd Edition (Page: 4-114)	BDL(MDL:2.0)
8.	Chemical Oxygen Demand	mg/L	APHA:5220 B 23 rd Edition (Page: 5-18)	BDL(MDL:2.0)
9.	Total Kjeldahl Nitrogen	mg/L	IS:3025 (Part-34)	BDL(MDL:2.0)
10.	Total Dissolve Solids	mg/L	APHA:2540 C 23 rd Edition (Page: 2-69)	159
11.	Total Fixed Solids	mg/L	IS:3025 (Part-18)	86
12.	Total Suspended Solids	mg/L	APHA:2540 B 23 rd Edition (Page: 2-70)	4
13.	Turbidity	NTU	IS:3025 (Part-10)	0.1
14.	Hardness	mg/L	IS:3025 (Part-21)	79
15.	Fluoride	mg/L	IS:3025 (Part-60)	BDL(MDL:0.1)
16.	Boron	mg/L	IS:3025 (Part-57)	ND
17.	Chloride	mg/L	APHA:4500 Cl ⁻ B 23 rd Edition (Page: 4-75)	7.5
18.	Sulphate	mg/L	IS:3025 (Part-28)	4.1
19.	Total Alkalinity	mg/L	IS:3025 (Part-23)	88
20.	P-Alkalinity	mg/L	IS:3025 (Part-23)	BDL(MDL:4.0)
21.	Phosphate	mg/L	IS:3550 -1965	BDL(MDL:0.1)
22.	Sodium	mg/L	IS:3025 (Part-45)	16.9
23.	Potassium	mg/L	IS:3025 (Part-45)	BDL(MDL:1.0)
24.	Calcium	mg/L	IS:3025 (Part-40)	17.2
25.	Magnesium	mg/L	IS:3025 (Part-46)	6.8

26.	Arsenic	mg/L	IS:3025 (Part-37)	BDL(MDL:0.01)
27.	Nickel	mg/L	IS:3025 (Part-54)	BDL(MDL:0.02)
28.	Copper	mg/L	IS:3025 (Part-42)	BDL(MDL:0.05)
29.	Mercury	mg/L	IS:3025 (Part-48)	BDL(MDL:0.001)
30.	Chromium	mg/L	IS:3025 (Part-52)	BDL(MDL:0.05)
31.	Cadmium	mg/L	IS:3025 (Part-41)	BDL(MDL:0.003)
32.	Zinc	mg/L	IS:3025 (Part-49)	0.59
33.	Lead	mg/L	IS:3025 (Part-47)	BDL(MDL:0.01)
34.	Iron	mg/L	IS:3025 (Part-53)	BDL(MDL:0.01)
35.	Alpha BHC	ppb	USEPA 8081 A	BDL(MDL:0.01)
36.	Beta BHC	ppb	USEPA 8081 A	BDL(MDL:0.04)
37.	Gama BHC	ppb	USEPA 8081 A	BDL(MDL:2.0)
38.	OP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
39.	PP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
40.	Alpha Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
41.	Beta Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
42.	Dieldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
43.	2-4 D	ppb	USEPA 1699-2007	BDL(MDL:30.0)
44.	Aldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
45.	Chloropyriphos	ppb	USEPA 1699-2007	BDL(MDL:30.0)
46.	Carboryl (Carbamate)	ppb	USEPA 1699-2007	BDL(MDL:0.01)
47.	Methyl Parathin	ppb	USEPA 1699-2007	BDL(MDL:0.3)
48.	Anilophos	ppb	USEPA 1699-2007	BDL(MDL:0.01)
49.	Malathian	ppb	USEPA 8081 B	BDL(MDL:190.0)
50.	Total Coliform	MPN/ 100 ml	APHA:9221 B 23 rd Edition (Page: 9-69)	31
51.	Fecal Coliform	MPN/ 100 ml	APHA:9222 D 23 rd Edition (Page: 9-89)	12
52.	Fecal Streptococci	MPN/ 100 ml	IS:1622-1981 (R.A.-1996)	3

Statement of conformity:-

Remarks:

BDL: Below Detection Limit, MDL: Minimum Detection Limit

Mrs. Khushbu S. Gajjar
Technical Manager

Mr. Swastik R. Gajjar
Lab Manager(Q)

* End of Report *

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REPORT NUMBER: **EI/WW/0421/036**

DATE OF REPORT: **05-05-2021**

F/7.8/01/Issue No.01/Issue Date: 01-10-2018/ Amend No.:00 / Amend Date:-- / Page 2 of 2

TEST REPORT

REPORT NUMBER: EI/WW/0421/037**DATE OF REPORT: 05-05-2021****CLIENT NAME : POLLUTION CONTROL COMMITTEE,****Dadra and Nagar Haveli and Daman and Diu****ADDRESS : 1st Floor, Udyog Bhavan, Bhenslore, Daman- 396220,INDIA****SAMPLE DETAILS.**

Laboratory ID : EI/WW/0421/037	Date of Sampling : 29-04-2021
Sample Type : Surface Water	Date of Sample Receipt : 29-04-2021
Type of Sampling : Grab	Sample Condition : Good
Place of Sampling : At Lawacha Temple	Quantity of Sample Received : 5 Liter
Description (GPS) : N 20°18'33.2", E 72°57'35.9"	Analysis Start Date : 29-04-2021
Sampling Protocol / Standard : IS3025 (Part 1):1987(R.A.2003)	Analysis End Date : 05-05-2021
Sampling Conducted By : Nimesh	Duration of Sampling : -

Sl. No	PARAMETER	UNIT	TEST METHOD	RESULTS
1.	Temperature	°C	APHA:2550 B 23 rd Edition (Page: 2-74)	28.1
2.	pH @ 25°C	pH	APHA:4500 H ⁺ B 23 rd Edition (Page: 4-13)	7.91
3.	Conductivity	µs/cm	IS:3025 (Part-14)	389.3
4.	Dissolve Oxygen	mg/L	IS:3025 (Part-38)	6.6
5.	Biological Oxygen Demand	mg/L	IS:3025 (Part-44)(3 Days at 27°C)	BDL(MDL:1.0)
6.	Nitrate as N	mg/L	IS:3025 (Part-44)	BDL(MDL:0.1)
7.	Ammonia as N	mg/L	APHA:4500 NH ₃ -B-C 23 rd Edition (Page: 4-114)	BDL(MDL:2.0)
8.	Chemical Oxygen Demand	mg/L	APHA:5220 B 23 rd Edition (Page: 5-18)	BDL(MDL:2.0)
9.	Total Kjeldahl Nitrogen	mg/L	IS:3025 (Part-34)	BDL(MDL:2.0)
10.	Total Dissolve Solids	mg/L	APHA:2540 C 23 rd Edition (Page: 2-69)	167
11.	Total Fixed Solids	mg/L	IS:3025 (Part-18)	98
12.	Total Suspended Solids	mg/L	APHA:2540 B 23 rd Edition (Page: 2-70)	BDL(MDL:4.0)
13.	Turbidity	NTU	IS:3025 (Part-10)	0.1
14.	Hardness	mg/L	IS:3025 (Part-21)	82.6
15.	Fluoride	mg/L	IS:3025 (Part-60)	0.21
16.	Boron	mg/L	IS:3025 (Part-57)	ND
17.	Chloride	mg/L	APHA:4500 Cl ⁻ B 23 rd Edition (Page: 4-75)	12.9
18.	Sulphate	mg/L	IS:3025 (Part-28)	3.2
19.	Total Alkalinity	mg/L	IS:3025 (Part-23)	82
20.	P-Alkalinity	mg/L	IS:3025 (Part-23)	BDL(MDL:4.0)
21.	Phosphate	mg/L	IS:3550 -1965	0.14
22.	Sodium	mg/L	IS:3025 (Part-45)	18.4
23.	Potassium	mg/L	IS:3025 (Part-45)	BDL(MDL:1.0)
24.	Calcium	mg/L	IS:3025 (Part-40)	19.8
25.	Magnesium	mg/L	IS:3025 (Part-46)	6.9
26.	Arsenic	mg/L	IS:3025 (Part-37)	BDL(MDL:0.01)

27.	Nickel	mg/L	IS:3025 (Part-54)	BDL(MDL:0.02)
28.	Copper	mg/L	IS:3025 (Part-42)	BDL(MDL:0.05)
29.	Mercury	mg/L	IS:3025 (Part-48)	BDL(MDL:0.001)
30.	Chromium	mg/L	IS:3025 (Part-52)	BDL(MDL:0.05)
31.	Cadmium	mg/L	IS:3025 (Part-41)	BDL(MDL:0.003)
32.	Zinc	mg/L	IS:3025 (Part-49)	BDL(MDL:0.05)
33.	Lead	mg/L	IS:3025 (Part-47)	BDL(MDL:0.01)
34.	Iron	mg/L	IS:3025 (Part-53)	BDL(MDL:0.01)
35.	Alpha BHC	ppb	USEPA 8081 A	BDL(MDL:0.01)
36.	Beta BHC	ppb	USEPA 8081 A	BDL(MDL:0.04)
37.	Gama BHC	ppb	USEPA 8081 A	BDL(MDL:2.0)
38.	OP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
39.	PP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
40.	Alpha Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
41.	Beta Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
42.	Dieldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
43.	2-4 D	ppb	USEPA 1699-2007	BDL(MDL:30.0)
44.	Aldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
45.	Chloropyriphos	ppb	USEPA 1699-2007	BDL(MDL:30.0)
46.	Carboryl (Carbamate)	ppb	USEPA 1699-2007	BDL(MDL:0.01)
47.	Methyl Parathin	ppb	USEPA 1699-2007	BDL(MDL:0.3)
48.	Anilophos	ppb	USEPA 1699-2007	BDL(MDL:0.01)
49.	Malathian	ppb	USEPA 8081 B	BDL(MDL:190.0)
50.	Total Coliform	MPN/ 100 ml	APHA:9221 B 23 rd Edition (Page: 9-69)	91
51.	Fecal Coliform	MPN/ 100 ml	APHA:9222 D 23 rd Edition (Page: 9-89)	37
52.	Fecal Streptococci	MPN/ 100 ml	IS:1622-1981 (R.A.-1996)	9

Statement of conformity:-

Remarks:

BDL: Below Detection Limit, MDL: Minimum Detection Limit

Mrs. Khushbu S. Gajjar
Technical Manager

Mr. Swastik R. Gajjar
Lab Manager(Q)

* End of Report *

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REPORT NUMBER: **EI/WW/0421/037**

DATE OF REPORT: **05-05-2021**

F/7.8/01/Issue No.01/Issue Date: 01-10-2018/ Amend No.:00 / Amend Date:-- / Page 2 of 2

TEST REPORT

REPORT NUMBER:EI/WW/0421/038**DATE OF REPORT: 05-05-2021****CLIENT NAME : POLLUTION CONTROL COMMITTEE,****Dadra and Nagar Haveli and Daman and Diu****ADDRESS : 1st Floor, Udyog Bhavan, Bhenslore, Daman- 396220,INDIA****SAMPLE DETAILS.**

Laboratory ID	: EI/WW/0421/038	Date of Sampling	: 29-04-2021
Sample Type	: Surface Water	Date of Sample Receipt	: 29-04-2021
Type of Sampling	: Grab	Sample Condition	: Good
Place of Sampling	: Near Surat Beverages, Dadra,DNH	Quantity of Sample Received	: 5 Liter
Description (GPS)	: N 20°18'33.2568",E72°57'35.8122"	Analysis Start Date	: 29-04-2021
Sampling Protocol / Standard	: IS3025 (Part 1):1987(R.A.2003)	Analysis End Date	: 05-05-2021
Sampling Conducted By	: Nimesh	Duration of Sampling	: -

Sl. No	PARAMETER	UNIT	TEST METHOD	RESULTS
1.	Temperature	°C	APHA:2550 B 23 rd Edition (Page: 2-74)	28.2
2.	pH @ 25°C	pH	APHA:4500 H ⁺ B 23 rd Edition (Page: 4-13)	7.82
3.	Conductivity	µs/cm	IS:3025 (Part-14)	391.5
4.	Dissolve Oxygen	mg/L	IS:3025 (Part-38)	6.9
5.	Biological Oxygen Demand	mg/L	IS:3025 (Part-44)(3 Days at 27°C)	BDL(MDL:1.0)
6.	Nitrate as N	mg/L	IS:3025 (Part-44)	0.3
7.	Ammonia as N	mg/L	APHA:4500 NH ₃ -B-C 23 rd Edition (Page: 4-114)	BDL(MDL:2.0)
8.	Chemical Oxygen Demand	mg/L	APHA:5220 B 23 rd Edition (Page: 5-18)	BDL(MDL:2.0)
9.	Total Kjeldahl Nitrogen	mg/L	IS:3025 (Part-34)	BDL(MDL:2.0)
10.	Total Dissolve Solids	mg/L	APHA:2540 C 23 rd Edition (Page: 2-69)	194
11.	Total Fixed Solids	mg/L	IS:3025 (Part-18)	103
12.	Total Suspended Solids	mg/L	APHA:2540 B 23 rd Edition (Page: 2-70)	9
13.	Turbidity	NTU	IS:3025 (Part-10)	0.1
14.	Hardness	mg/L	IS:3025 (Part-21)	84.2
15.	Fluoride	mg/L	IS:3025 (Part-60)	BDL(MDL:0.1)
16.	Boron	mg/L	IS:3025 (Part-57)	ND
17.	Chloride	mg/L	APHA:4500 Cl ⁻ B 23 rd Edition (Page: 4-75)	13.4
18.	Sulphate	mg/L	IS:3025 (Part-28)	2
19.	Total Alkalinity	mg/L	IS:3025 (Part-23)	86
20.	P-Alkalinity	mg/L	IS:3025 (Part-23)	BDL(MDL:4.0)
21.	Phosphate	mg/L	IS:3550 -1965	BDL(MDL:0.1)
22.	Sodium	mg/L	IS:3025 (Part-45)	16.4
23.	Potassium	mg/L	IS:3025 (Part-45)	BDL(MDL:1.0)
24.	Calcium	mg/L	IS:3025 (Part-40)	21.8
25.	Magnesium	mg/L	IS:3025 (Part-46)	7.3

26.	Arsenic	mg/L	IS:3025 (Part-37)	BDL(MDL:0.01)
27.	Nickel	mg/L	IS:3025 (Part-54)	BDL(MDL:0.02)
28.	Copper	mg/L	IS:3025 (Part-42)	BDL(MDL:0.05)
29.	Mercury	mg/L	IS:3025 (Part-48)	BDL(MDL:0.001)
30.	Chromium	mg/L	IS:3025 (Part-52)	BDL(MDL:0.05)
31.	Cadmium	mg/L	IS:3025 (Part-41)	BDL(MDL:0.003)
32.	Zinc	mg/L	IS:3025 (Part-49)	BDL(MDL:0.05)
33.	Lead	mg/L	IS:3025 (Part-47)	BDL(MDL:0.01)
34.	Iron	mg/L	IS:3025 (Part-53)	BDL(MDL:0.01)
35.	Alpha BHC	ppb	USEPA 8081 A	BDL(MDL:0.01)
36.	Beta BHC	ppb	USEPA 8081 A	BDL(MDL:0.04)
37.	Gama BHC	ppb	USEPA 8081 A	BDL(MDL:2.0)
38.	OP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
39.	PP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
40.	Alpha Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
41.	Beta Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
42.	Dieldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
43.	2-4 D	ppb	USEPA 1699-2007	BDL(MDL:30.0)
44.	Aldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
45.	Chloropyriphos	ppb	USEPA 1699-2007	BDL(MDL:30.0)
46.	Carboryl (Carbamate)	ppb	USEPA 1699-2007	BDL(MDL:0.01)
47.	Methyl Parathin	ppb	USEPA 1699-2007	BDL(MDL:0.3)
48.	Anilophos	ppb	USEPA 1699-2007	BDL(MDL:0.01)
49.	Malathian	ppb	USEPA 8081 B	BDL(MDL:190.0)
50.	Total Coliform	MPN/ 100 ml	APHA:9221 B 23 rd Edition (Page: 9-69)	63
51.	Fecal Coliform	MPN/ 100 ml	APHA:9222 D 23 rd Edition (Page: 9-89)	13
52.	Fecal Streptococci	MPN/ 100 ml	IS:1622-1981 (R.A.-1996)	3

Statement of conformity:-

Remarks:

BDL: Below Detection Limit, MDL: Minimum Detection Limit

Mrs. Khushbu S. Gajjar
Technical Manager

Mr. Swastik R. Gajjar
Lab Manager(Q)

* End of Report *

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REPORT NUMBER: **EI/WW/0421/038**

DATE OF REPORT: **05-05-2021**

F/7.8/01/Issue No.01/Issue Date: 01-10-2018/ Amend No.:00 / Amend Date:-- / Page 2 of 2

TEST REPORT

REPORT NUMBER:EI/WW/0421/039**DATE OF REPORT: 05-02-2021****CLIENT NAME : POLLUTION CONTROL COMMITTEE,****Dadra and Nagar Haveli and Daman and Diu****ADDRESS : 1st Floor, Udyog Bhavan, Bhenslore, Daman- 396220,INDIA****SAMPLE DETAILS.**

Laboratory ID : EI/WW/0421/039	Date of Sampling : 29-04-2021
Sample Type : Surface Water	Date of Sample Receipt : 29-04-2021
Type of Sampling : Grab	Sample Condition : Good
Place of Sampling : At Vapi Weir, Vapi	Quantity of Sample Received : 5 Liter
Description (GPS) : N 20°20'23.42", E 72°54'34.49"	Analysis Start Date : 29-04-2021
Sampling Protocol / Standard : IS3025 (Part 1):1987(R.A.2003)	Analysis End Date : 05-05-2021
Sampling Conducted By : Nimesh	Duration of Sampling : -

Sl. No	PARAMETER	UNIT	TEST METHOD	RESULTS
1.	Temperature	°C	APHA:2550 B 23 rd Edition (Page: 2-74)	28.1
2.	pH @ 25°C	pH	APHA:4500 H ⁺ B 23 rd Edition (Page: 4-13)	8.47
3.	Conductivity	µs/cm	IS:3025 (Part-14)	243
4.	Dissolve Oxygen	mg/L	IS:3025 (Part-38)	4.8
5.	Biological Oxygen Demand	mg/L	IS:3025 (Part-44)(3 Days at 27°C)	BDL(MDL:1.0)
6.	Nitrate as N	mg/L	IS:3025 (Part-44)	1.9
7.	Ammonia as N	mg/L	APHA:4500 NH ₃ -B-C 23 rd Edition (Page: 4-114)	BDL(MDL:2.0)
8.	Chemical Oxygen Demand	mg/L	APHA:5220 B 23 rd Edition (Page: 5-18)	8.9
9.	Total Kjeldahl Nitrogen	mg/L	IS:3025 (Part-34)	BDL(MDL:2.0)
10.	Total Dissolve Solids	mg/L	APHA:2540 C 23 rd Edition (Page: 2-69)	201
11.	Total Fixed Solids	mg/L	IS:3025 (Part-18)	112
12.	Total Suspended Solids	mg/L	APHA:2540 B 23 rd Edition (Page: 2-70)	BDL(MDL:4.0)
13.	Turbidity	NTU	IS:3025 (Part-10)	0.1
14.	Hardness	mg/L	IS:3025 (Part-21)	96
15.	Fluoride	mg/L	IS:3025 (Part-60)	BDL(MDL:0.1)
16.	Boron	mg/L	IS:3025 (Part-57)	ND
17.	Chloride	mg/L	APHA:4500 Cl ⁻ B 23 rd Edition (Page: 4-75)	18.9
18.	Sulphate	mg/L	IS:3025 (Part-28)	6.7
19.	Total Alkalinity	mg/L	IS:3025 (Part-23)	85
20.	P-Alkalinity	mg/L	IS:3025 (Part-23)	BDL(MDL:4.0)
21.	Phosphate	mg/L	IS:3550 -1965	0.16
22.	Sodium	mg/L	IS:3025 (Part-45)	24.6
23.	Potassium	mg/L	IS:3025 (Part-45)	1
24.	Calcium	mg/L	IS:3025 (Part-40)	23.9
25.	Magnesium	mg/L	IS:3025 (Part-46)	6.8
26.	Arsenic	mg/L	IS:3025 (Part-37)	BDL(MDL:0.01)

27.	Nickel	mg/L	IS:3025 (Part-54)	BDL(MDL:0.02)
28.	Copper	mg/L	IS:3025 (Part-42)	BDL(MDL:0.05)
29.	Mercury	mg/L	IS:3025 (Part-48)	BDL(MDL:0.001)
30.	Chromium	mg/L	IS:3025 (Part-52)	BDL(MDL:0.05)
31.	Cadmium	mg/L	IS:3025 (Part-41)	BDL(MDL:0.003)
32.	Zinc	mg/L	IS:3025 (Part-49)	BDL(MDL:0.05)
33.	Lead	mg/L	IS:3025 (Part-47)	BDL(MDL:0.01)
34.	Iron	mg/L	IS:3025 (Part-53)	0.118
35.	Alpha BHC	ppb	USEPA 8081 A	BDL(MDL:0.01)
36.	Beta BHC	ppb	USEPA 8081 A	BDL(MDL:0.04)
37.	Gama BHC	ppb	USEPA 8081 A	BDL(MDL:2.0)
38.	OP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
39.	PP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
40.	Alpha Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
41.	Beta Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
42.	Dieldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
43.	2-4 D	ppb	USEPA 1699-2007	BDL(MDL:30.0)
44.	Aldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
45.	Chloropyriphos	ppb	USEPA 1699-2007	BDL(MDL:30.0)
46.	Carboryl (Carbamate)	ppb	USEPA 1699-2007	BDL(MDL:0.01)
47.	Methyl Parathin	ppb	USEPA 1699-2007	BDL(MDL:0.3)
48.	Anilophos	ppb	USEPA 1699-2007	BDL(MDL:0.01)
49.	Malathian	ppb	USEPA 8081 B	BDL(MDL:190.0)
50.	Total Coliform	MPN/ 100 ml	APHA:9221 B 23 rd Edition (Page: 9-69)	238
51.	Fecal Coliform	MPN/ 100 ml	APHA:9222 D 23 rd Edition (Page: 9-89)	78
52.	Fecal Streptococci	MPN/ 100 ml	IS:1622-1981 (R.A.-1996)	62

Statement of conformity:-

Remarks:

BDL: Below Detection Limit, MDL: Minimum Detection Limit

Mrs. Khushbu S. Gajjar
Technical Manager

Mr. Swastik R. Gajjar
Lab Manager(Q)

* End of Report *

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REPORT NUMBER: **EI/WW/0421/039**

DATE OF REPORT: **05-05-2021**

F/7.8/01/Issue No.01/Issue Date: 01-10-2018/ Amend No.:00 / Amend Date:-- / Page 2 of 2

TEST REPORT

REPORT NUMBER: EI/WW/0421/040**DATE OF REPORT: 05-02-2021****CLIENT NAME : POLLUTION CONTROL COMMITTEE,****Dadra and Nagar Haveli and Daman and Diu****ADDRESS : 1st Floor, Udyog Bhavan, Bhenslore, Daman- 396220,INDIA****SAMPLE DETAILS.**

Laboratory ID : EI/WW/0421/040	Date of Sampling : 29-04-2021
Sample Type : Surface Water	Date of Sample Receipt : 29-04-2021
Type of Sampling : Grab	Sample Condition : Good
Place of Sampling : At Namdha Village	Quantity of Sample Received : 5 Liter
Description (GPS) : N 20°21'45.8", E 72°52'52.3"	Analysis Start Date : 29-04-2021
Sampling Protocol / Standard : IS3025 (Part 1):1987(R.A.2003)	Analysis End Date : 05-05-2021
Sampling Conducted By : Nimesh	Duration of Sampling : -

Sl. No	PARAMETER	UNIT	TEST METHOD	RESULTS
1.	Temperature	°C	APHA:2550 B 23 rd Edition (Page: 2-74)	28.8
2.	pH @ 25°C	pH	APHA:4500 H ⁺ B 23 rd Edition (Page: 4-13)	7.42
3.	Conductivity	µs/cm	IS:3025 (Part-14)	1023
4.	Dissolve Oxygen	mg/L	IS:3025 (Part-38)	4.3
5.	Biological Oxygen Demand	mg/L	IS:3025 (Part-44)(3 Days at 27°C)	BDL(MDL:1.0)
6.	Nitrate as N	mg/L	IS:3025 (Part-44)	1.3
7.	Ammonia as N	mg/L	APHA:4500 NH ₃ -B-C 23 rd Edition (Page: 4-114)	2.2
8.	Chemical Oxygen Demand	mg/L	APHA:5220 B 23 rd Edition (Page: 5-18)	15.7
9.	Total Kjeldahl Nitrogen	mg/L	IS:3025 (Part-34)	14.8
10.	Total Dissolve Solids	mg/L	APHA:2540 C 23 rd Edition (Page: 2-69)	812
11.	Total Fixed Solids	mg/L	IS:3025 (Part-18)	389
12.	Total Suspended Solids	mg/L	APHA:2540 B 23 rd Edition (Page: 2-70)	23
13.	Turbidity	NTU	IS:3025 (Part-10)	0.1
14.	Hardness	mg/L	IS:3025 (Part-21)	263.4
15.	Fluoride	mg/L	IS:3025 (Part-60)	BDL(MDL:0.1)
16.	Boron	mg/L	IS:3025 (Part-57)	0.1
17.	Chloride	mg/L	APHA:4500 Cl ⁻ B 23 rd Edition (Page: 4-75)	176
18.	Sulphate	mg/L	IS:3025 (Part-28)	134.6
19.	Total Alkalinity	mg/L	IS:3025 (Part-23)	83
20.	P-Alkalinity	mg/L	IS:3025 (Part-23)	BDL(MDL:4.0)
21.	Phosphate	mg/L	IS:3550 -1965	0.1
22.	Sodium	mg/L	IS:3025 (Part-45)	115.8
23.	Potassium	mg/L	IS:3025 (Part-45)	6.9
24.	Calcium	mg/L	IS:3025 (Part-40)	49.7
25.	Magnesium	mg/L	IS:3025 (Part-46)	33.5
26.	Arsenic	mg/L	IS:3025 (Part-37)	BDL(MDL:0.01)

27.	Nickel	mg/L	IS:3025 (Part-54)	BDL(MDL:0.02)
28.	Copper	mg/L	IS:3025 (Part-42)	BDL(MDL:0.05)
29.	Mercury	mg/L	IS:3025 (Part-48)	BDL(MDL:0.001)
30.	Chromium	mg/L	IS:3025 (Part-52)	BDL(MDL:0.05)
31.	Cadmium	mg/L	IS:3025 (Part-41)	BDL(MDL:0.003)
32.	Zinc	mg/L	IS:3025 (Part-49)	BDL(MDL:0.05)
33.	Lead	mg/L	IS:3025 (Part-47)	BDL(MDL:0.01)
34.	Iron	mg/L	IS:3025 (Part-53)	0.647
35.	Alpha BHC	ppb	USEPA 8081 A	BDL(MDL:0.01)
36.	Beta BHC	ppb	USEPA 8081 A	BDL(MDL:0.04)
37.	Gama BHC	ppb	USEPA 8081 A	BDL(MDL:2.0)
38.	OP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
39.	PP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
40.	Alpha Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
41.	Beta Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
42.	Dieldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
43.	2-4 D	ppb	USEPA 1699-2007	BDL(MDL:30.0)
44.	Aldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
45.	Chloropyriphos	ppb	USEPA 1699-2007	BDL(MDL:30.0)
46.	Carboryl (Carbamate)	ppb	USEPA 1699-2007	BDL(MDL:0.01)
47.	Methyl Parathin	ppb	USEPA 1699-2007	BDL(MDL:0.3)
48.	Anilophos	ppb	USEPA 1699-2007	BDL(MDL:0.01)
49.	Malathian	ppb	USEPA 8081 B	BDL(MDL:190.0)
50.	Total Coliform	MPN/ 100 ml	APHA:9221 B 23 rd Edition (Page: 9-69)	524
51.	Fecal Coliform	MPN/ 100 ml	APHA:9222 D 23 rd Edition (Page: 9-89)	374
52.	Fecal Streptococci	MPN/ 100 ml	IS:1622-1981 (R.A.-1996)	48

Statement of conformity:-

Remarks:

BDL: Below Detection Limit, MDL: Minimum Detection Limit

Mrs. Khushbu S. Gajjar
Technical Manager

Mr. Swastik R. Gajjar
Lab Manager(Q)

* End of Report *

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REPORT NUMBER: **EI/WW/0421/040**

DATE OF REPORT: **05-05-2021**

F/7.8/01/Issue No.01/Issue Date: 01-10-2018/ Amend No.:00 / Amend Date:-- / Page 2 of 2

TEST REPORT

REPORT NUMBER: EI/WW/0421/041**DATE OF REPORT: 05-02-2021****CLIENT NAME : POLLUTION CONTROL COMMITTEE,****Dadra and Nagar Haveli and Daman and Diu****ADDRESS : 1st Floor, Udyog Bhavan, Bhenslore, Daman- 396220,INDIA****SAMPLE DETAILS.**

Laboratory ID : EI/WW/0421/041	Date of Sampling : 29-04-2021
Sample Type : Surface Water	Date of Sample Receipt : 29-04-2021
Type of Sampling : Grab	Sample Condition : Good
Place of Sampling : At Zari Causeway, Kachigam	Quantity of Sample Received : 5 Liter
Description (GPS) : N 20°22'18.62", E 72°52'50.52"	Analysis Start Date : 29-04-2021
Sampling Protocol / Standard : IS3025 (Part 1):1987(R.A.2003)	Analysis End Date : 05-05-2021
Sampling Conducted By : Nimesh	Duration of Sampling : -

Sl. No	PARAMETER	UNIT	TEST METHOD	RESULTS
1.	Temperature	°C	APHA:2550 B 23 rd Edition (Page: 2-74)	29.2
2.	pH @ 25°C	pH	APHA:4500 H ⁺ B 23 rd Edition (Page: 4-13)	7.25
3.	Conductivity	µs/cm	IS:3025 (Part-14)	4165
4.	Dissolve Oxygen	mg/L	IS:3025 (Part-38)	5.1
5.	Biological Oxygen Demand	mg/L	IS:3025 (Part-44)(3 Days at 27°C)	4.1
6.	Nitrate as N	mg/L	IS:3025 (Part-44)	0.6
7.	Ammonia as N	mg/L	APHA:4500 NH ₃ -B-C 23 rd Edition (Page: 4-114)	4.4
8.	Chemical Oxygen Demand	mg/L	APHA:5220 B 23 rd Edition (Page: 5-18)	24.8
9.	Total Kjeldahl Nitrogen	mg/L	IS:3025 (Part-34)	5.9
10.	Total Dissolve Solids	mg/L	APHA:2540 C 23 rd Edition (Page: 2-69)	2598
11.	Total Fixed Solids	mg/L	IS:3025 (Part-18)	1754
12.	Total Suspended Solids	mg/L	APHA:2540 B 23 rd Edition (Page: 2-70)	27
13.	Turbidity	NTU	IS:3025 (Part-10)	0.1
14.	Hardness	mg/L	IS:3025 (Part-21)	558.1
15.	Fluoride	mg/L	IS:3025 (Part-60)	BDL(MDL:0.1)
16.	Boron	mg/L	IS:3025 (Part-57)	0.19
17.	Chloride	mg/L	APHA:4500 Cl ⁻ B 23 rd Edition (Page: 4-75)	1125.3
18.	Sulphate	mg/L	IS:3025 (Part-28)	383.7
19.	Total Alkalinity	mg/L	IS:3025 (Part-23)	81
20.	P-Alkalinity	mg/L	IS:3025 (Part-23)	BDL(MDL:4.0)
21.	Phosphate	mg/L	IS:3550 -1965	2.9
22.	Sodium	mg/L	IS:3025 (Part-45)	746.9
23.	Potassium	mg/L	IS:3025 (Part-45)	29.8
24.	Calcium	mg/L	IS:3025 (Part-40)	61.4
25.	Magnesium	mg/L	IS:3025 (Part-46)	98.5
26.	Arsenic	mg/L	IS:3025 (Part-37)	BDL(MDL:0.01)

27.	Nickel	mg/L	IS:3025 (Part-54)	0.019
28.	Copper	mg/L	IS:3025 (Part-42)	BDL(MDL:0.05)
29.	Mercury	mg/L	IS:3025 (Part-48)	BDL(MDL:0.001)
30.	Chromium	mg/L	IS:3025 (Part-52)	BDL(MDL:0.05)
31.	Cadmium	mg/L	IS:3025 (Part-41)	BDL(MDL:0.003)
32.	Zinc	mg/L	IS:3025 (Part-49)	BDL(MDL:0.05)
33.	Lead	mg/L	IS:3025 (Part-47)	BDL(MDL:0.01)
34.	Iron	mg/L	IS:3025 (Part-53)	BDL(MDL:0.01)
35.	Alpha BHC	ppb	USEPA 8081 A	BDL(MDL:0.01)
36.	Beta BHC	ppb	USEPA 8081 A	BDL(MDL:0.04)
37.	Gama BHC	ppb	USEPA 8081 A	BDL(MDL:2.0)
38.	OP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
39.	PP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
40.	Alpha Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
41.	Beta Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
42.	Dieldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
43.	2-4 D	ppb	USEPA 1699-2007	BDL(MDL:30.0)
44.	Aldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
45.	Chloropyriphos	ppb	USEPA 1699-2007	BDL(MDL:30.0)
46.	Carboryl (Carbamate)	ppb	USEPA 1699-2007	BDL(MDL:0.01)
47.	Methyl Parathin	ppb	USEPA 1699-2007	BDL(MDL:0.3)
48.	Anilophos	ppb	USEPA 1699-2007	BDL(MDL:0.01)
49.	Malathian	ppb	USEPA 8081 B	BDL(MDL:190.0)
50.	Total Coliform	MPN/ 100 ml	APHA:9221 B 23 rd Edition (Page: 9-69)	902
51.	Fecal Coliform	MPN/ 100 ml	APHA:9222 D 23 rd Edition (Page: 9-89)	473
52.	Fecal Streptococci	MPN/ 100 ml	IS:1622-1981 (R.A.-1996)	143

Statement of conformity:-

Remarks:

BDL: Below Detection Limit, MDL: Minimum Detection Limit

Mrs. Khushbu S. Gajjar
Technical Manager

Mr. Swastik R. Gajjar
Lab Manager(Q)

* End of Report *

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REPORT NUMBER: **EI/WW/0421/041**

DATE OF REPORT: **05-05-2021**

F/7.8/01/Issue No.01/Issue Date: 01-10-2018/ Amend No.:00 / Amend Date:-- / Page 2 of 2

TEST REPORT

REPORT NUMBER:EI/WW/0421/042**DATE OF REPORT: 05-02-2021****CLIENT NAME : POLLUTION CONTROL COMMITTEE,****Dadra and Nagar Haveli and Daman and Diu****ADDRESS : 1st Floor, Udyog Bhavan, Bhenslore, Daman- 396220,INDIA****SAMPLE DETAILS.**

Laboratory ID	: EI/WW/0421/042	Date of Sampling	: 29-04-2021
Sample Type	: Surface Water	Date of Sample Receipt	: 29-04-2021
Type of Sampling	: Grab	Sample Condition	: Good
Place of Sampling	: At Moti Daman Jetty	Quantity of Sample Received	: 5 Liter
Description (GPS)	: N 20°24'40.18", E 72°50'3.19"	Analysis Start Date	: 29-04-2021
Sampling Protocol / Standard	: IS3025 (Part 1):1987(R.A.2003)	Analysis End Date	: 05-05-2021
Sampling Conducted By	: Nimesh	Duration of Sampling	: -

Sl. No	PARAMETER	UNIT	TEST METHOD	RESULTS
1.	Temperature	°C	APHA:2550 B 23 rd Edition (Page: 2-74)	28.9
2.	pH @ 25°C	pH	APHA:4500 H ⁺ B 23 rd Edition (Page: 4-13)	8.32
3.	Conductivity	µs/cm	IS:3025 (Part-14)	25103
4.	Dissolve Oxygen	mg/L	IS:3025 (Part-38)	5.8
5.	Biological Oxygen Demand	mg/L	IS:3025 (Part-44)(3 Days at 27°C)	BDL(MDL:1.0)
6.	Nitrate as N	mg/L	IS:3025 (Part-44)	0.5
7.	Ammonia as N	mg/L	APHA:4500 NH ₃ -B-C 23 rd Edition (Page: 4-114)	6.1
8.	Chemical Oxygen Demand	mg/L	APHA:5220 B 23 rd Edition (Page: 5-18)	20.14
9.	Total Kjeldahl Nitrogen	mg/L	IS:3025 (Part-34)	5.7
10.	Total Dissolve Solids	mg/L	APHA:2540 C 23 rd Edition (Page: 2-69)	15947
11.	Total Fixed Solids	mg/L	IS:3025 (Part-18)	13241
12.	Total Suspended Solids	mg/L	APHA:2540 B 23 rd Edition (Page: 2-70)	143
13.	Turbidity	NTU	IS:3025 (Part-10)	1
14.	Hardness	mg/L	IS:3025 (Part-21)	3287
15.	Fluoride	mg/L	IS:3025 (Part-60)	BDL(MDL:0.1)
16.	Boron	mg/L	IS:3025 (Part-57)	0.13
17.	Chloride	mg/L	APHA:4500 Cl ⁻ B 23 rd Edition (Page: 4-75)	9025.4
18.	Sulphate	mg/L	IS:3025 (Part-28)	1387
19.	Total Alkalinity	mg/L	IS:3025 (Part-23)	115
20.	P-Alkalinity	mg/L	IS:3025 (Part-23)	BDL(MDL:4.0)
21.	Phosphate	mg/L	IS:3550 -1965	2.1
22.	Sodium	mg/L	IS:3025 (Part-45)	4872
23.	Potassium	mg/L	IS:3025 (Part-45)	231
24.	Calcium	mg/L	IS:3025 (Part-40)	198.3
25.	Magnesium	mg/L	IS:3025 (Part-46)	624.5
26.	Arsenic	mg/L	IS:3025 (Part-37)	BDL(MDL:0.01)

27.	Nickel	mg/L	IS:3025 (Part-54)	0.314
28.	Copper	mg/L	IS:3025 (Part-42)	0.047
29.	Mercury	mg/L	IS:3025 (Part-48)	BDL(MDL:0.001)
30.	Chromium	mg/L	IS:3025 (Part-52)	0.063
31.	Cadmium	mg/L	IS:3025 (Part-41)	0.231
32.	Zinc	mg/L	IS:3025 (Part-49)	0.08
33.	Lead	mg/L	IS:3025 (Part-47)	BDL(MDL:0.01)
34.	Iron	mg/L	IS:3025 (Part-53)	0.7651
35.	Alpha BHC	ppb	USEPA 8081 A	BDL(MDL:0.01)
36.	Beta BHC	ppb	USEPA 8081 A	BDL(MDL:0.04)
37.	Gama BHC	ppb	USEPA 8081 A	BDL(MDL:2.0)
38.	OP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
39.	PP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
40.	Alpha Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
41.	Beta Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
42.	Dieldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
43.	2-4 D	ppb	USEPA 1699-2007	BDL(MDL:30.0)
44.	Aldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
45.	Chloropyriphos	ppb	USEPA 1699-2007	BDL(MDL:30.0)
46.	Carboryl (Carbamate)	ppb	USEPA 1699-2007	BDL(MDL:0.01)
47.	Methyl Parathin	ppb	USEPA 1699-2007	BDL(MDL:0.3)
48.	Anilophos	ppb	USEPA 1699-2007	BDL(MDL:0.01)
49.	Malathian	ppb	USEPA 8081 B	BDL(MDL:190.0)
50.	Total Coliform	MPN/ 100 ml	APHA:9221 B 23 rd Edition (Page: 9-69)	122
51.	Fecal Coliform	MPN/ 100 ml	APHA:9222 D 23 rd Edition (Page: 9-89)	23
52.	Fecal Streptococci	MPN/ 100 ml	IS:1622-1981 (R.A.-1996)	21

Statement of conformity:-

Remarks:

BDL: Below Detection Limit, MDL: Minimum Detection Limit

Mrs. Khushbu S. Gajjar
Technical Manager

Mr. Swastik R. Gajjar
Lab Manager(Q)

* End of Report *

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REPORT NUMBER: **EI/WW/0421/042**

DATE OF REPORT: **05-05-2021**

F/7.8/01/Issue No.01/Issue Date: 01-10-2018/ Amend No.:00 / Amend Date:-- / Page 2 of 2

TEST REPORT

REPORT NUMBER:EI/WW/0421/043**DATE OF REPORT: 05-02-2021****CLIENT NAME : POLLUTION CONTROL COMMITTEE,****Dadra and Nagar Haveli and Daman and Diu****ADDRESS : 1st Floor, Udyog Bhavan, Bhenslore, Daman- 396220,INDIA****SAMPLE DETAILS.**

Laboratory ID	: EI/WW/0421/043	Date of Sampling	: 29-04-2021
Sample Type	: Surface Water	Date of Sample Receipt	: 29-04-2021
Type of Sampling	: Grab	Sample Condition	: Good
Place of Sampling	: Outlet of CETP, Vapi	Quantity of Sample Received	: 5 Liter
Description (GPS)	: N 20°20'34.62"E72°54'20.38"	Analysis Start Date	: 29-04-2021
Sampling Protocol / Standard	: IS3025 (Part 1):1987(R.A.2003)	Analysis End Date	: 05-05-2021
Sampling Conducted By	: Nimesh	Duration of Sampling	: -

Sl. No	PARAMETER	UNIT	TEST METHOD	RESULTS
1.	Temperature	°C	APHA:2550 B 23 rd Edition (Page: 2-74)	28.2
2.	pH @ 25°C	pH	APHA:4500 H ⁺ B 23 rd Edition (Page: 4-13)	7.18
3.	Conductivity	µs/cm	IS:3025 (Part-14)	7207
4.	Dissolve Oxygen	mg/L	IS:3025 (Part-38)	5.4
5.	Biological Oxygen Demand	mg/L	IS:3025 (Part-44)(3 Days at 27°C)	11
6.	Nitrate as N	mg/L	IS:3025 (Part-44)	2.1
7.	Ammonia as N	mg/L	APHA:4500 NH ₃ -B-C 23 rd Edition (Page: 4-114)	12.78
8.	Chemical Oxygen Demand	mg/L	APHA:5220 B 23 rd Edition (Page: 5-18)	68
9.	Total Kjeldahl Nitrogen	mg/L	IS:3025 (Part-34)	43.5
10.	Total Dissolve Solids	mg/L	APHA:2540 C 23 rd Edition (Page: 2-69)	4489
11.	Total Fixed Solids	mg/L	IS:3025 (Part-18)	4457
12.	Total Suspended Solids	mg/L	APHA:2540 B 23 rd Edition (Page: 2-70)	20
13.	Turbidity	NTU	IS:3025 (Part-10)	1
14.	Hardness	mg/L	IS:3025 (Part-21)	1417
15.	Fluoride	mg/L	IS:3025 (Part-60)	BDL(MDL:0.1)
16.	Boron	mg/L	IS:3025 (Part-57)	0.21
17.	Chloride	mg/L	APHA:4500 Cl ⁻ B 23 rd Edition (Page: 4-75)	1623.5
18.	Sulphate	mg/L	IS:3025 (Part-28)	1045
19.	Total Alkalinity	mg/L	IS:3025 (Part-23)	196
20.	P-Alkalinity	mg/L	IS:3025 (Part-23)	BDL(MDL:4.0)
21.	Phosphate	mg/L	IS:3550 -1965	2.8
22.	Sodium	mg/L	IS:3025 (Part-45)	976.4
23.	Potassium	mg/L	IS:3025 (Part-45)	40.3
24.	Calcium	mg/L	IS:3025 (Part-40)	253.7
25.	Magnesium	mg/L	IS:3025 (Part-46)	184.3
26.	Arsenic	mg/L	IS:3025 (Part-37)	BDL(MDL:0.01)

27.	Nickel	mg/L	IS:3025 (Part-54)	0.158
28.	Copper	mg/L	IS:3025 (Part-42)	BDL(MDL:0.05)
29.	Mercury	mg/L	IS:3025 (Part-48)	BDL(MDL:0.001)
30.	Chromium	mg/L	IS:3025 (Part-52)	BDL(MDL:0.05)
31.	Cadmium	mg/L	IS:3025 (Part-41)	0.025
32.	Zinc	mg/L	IS:3025 (Part-49)	0.13
33.	Lead	mg/L	IS:3025 (Part-47)	BDL(MDL:0.01)
34.	Iron	mg/L	IS:3025 (Part-53)	1.121
35.	Alpha BHC	ppb	USEPA 8081 A	BDL(MDL:0.01)
36.	Beta BHC	ppb	USEPA 8081 A	BDL(MDL:0.04)
37.	Gama BHC	ppb	USEPA 8081 A	BDL(MDL:2.0)
38.	OP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
39.	PP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
40.	Alpha Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
41.	Beta Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
42.	Dieldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
43.	2-4 D	ppb	USEPA 1699-2007	BDL(MDL:30.0)
44.	Aldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
45.	Chloropyriphos	ppb	USEPA 1699-2007	BDL(MDL:30.0)
46.	Carboryl (Carbamate)	ppb	USEPA 1699-2007	BDL(MDL:0.01)
47.	Methyl Parathin	ppb	USEPA 1699-2007	BDL(MDL:0.3)
48.	Anilophos	ppb	USEPA 1699-2007	BDL(MDL:0.01)
49.	Malathian	ppb	USEPA 8081 B	BDL(MDL:190.0)
50.	Total Coliform	MPN/ 100 ml	APHA:9221 B 23 rd Edition (Page: 9-69)	>1600
51.	Fecal Coliform	MPN/ 100 ml	APHA:9222 D 23 rd Edition (Page: 9-89)	900
52.	Fecal Streptococci	MPN/ 100 ml	IS:1622-1981 (R.A.-1996)	61

Statement of conformity:-

Remarks:

BDL: Below Detection Limit, MDL: Minimum Detection Limit

Mrs. Khushbu S. Gajjar
Technical Manager

Mr. Swastik R. Gajjar
Lab Manager(Q)

* End of Report *

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REPORT NUMBER: **EI/WW/0421/043**

DATE OF REPORT: **05-05-2021**

F/7.8/01/Issue No.01/Issue Date: 01-10-2018/ Amend No.:00 / Amend Date:-- / Page 2 of 2

TEST REPORT

REPORT NUMBER:EI/WW/0421/044**DATE OF REPORT: 05-02-2021****CLIENT NAME : POLLUTION CONTROL COMMITTEE,****Dadra and Nagar Haveli and Daman and Diu****ADDRESS : 1st Floor, Udyog Bhavan, Bhenslore, Daman- 396220,INDIA****SAMPLE DETAILS.**

Laboratory ID	: EI/WW/0421/044	Date of Sampling	: 29-04-2021
Sample Type	: Surface Water	Date of Sample Receipt	: 29-04-2021
Type of Sampling	: Grab	Sample Condition	: Good
Place of Sampling	: Outlet of GHCL,Bhilad	Quantity of Sample Received	: 5 Liter
Description (GPS)	: N 20°17'35.81"E72°53'49.31"	Analysis Start Date	: 29-04-2021
Sampling Protocol / Standard	: IS:3025 (Part 1):1987(R.A.2003)	Analysis End Date	: 05-05-2021
Sampling Conducted By	: Nimesh	Duration of Sampling	: -

Sl. No	PARAMETER	UNIT	TEST METHOD	RESULTS
1.	Temperature	°C	APHA:2550 B 23 rd Edition (Page: 2-74)	28.9
2.	pH @ 25°C	pH	APHA:4500 H ⁺ B 23 rd Edition (Page: 4-13)	7.96
3.	Conductivity	µs/cm	IS:3025 (Part-14)	2151
4.	Dissolve Oxygen	mg/L	IS:3025 (Part-38)	5.2
5.	Biological Oxygen Demand	mg/L	IS:3025 (Part-44)(3 Days at 27°C)	9
6.	Nitrate as N	mg/L	IS:3025 (Part-44)	3.5
7.	Ammonia as N	mg/L	APHA:4500 NH ₃ -B-C 23 rd Edition (Page: 4-114)	6.12
8.	Chemical Oxygen Demand	mg/L	APHA:5220 B 23 rd Edition (Page: 5-18)	55.4
9.	Total Kjeldahl Nitrogen	mg/L	IS:3025 (Part-34)	10.8
10.	Total Dissolve Solids	mg/L	APHA:2540 C 23 rd Edition (Page: 2-69)	1535
11.	Total Fixed Solids	mg/L	IS:3025 (Part-18)	1304
12.	Total Suspended Solids	mg/L	APHA:2540 B 23 rd Edition (Page: 2-70)	39
13.	Turbidity	NTU	IS:3025 (Part-10)	2
14.	Hardness	mg/L	IS:3025 (Part-21)	211.5
15.	Fluoride	mg/L	IS:3025 (Part-60)	BDL(MDL:0.1)
16.	Boron	mg/L	IS:3025 (Part-57)	ND
17.	Chloride	mg/L	APHA:4500 Cl ⁻ B 23 rd Edition (Page: 4-75)	286.4
18.	Sulphate	mg/L	IS:3025 (Part-28)	291.2
19.	Total Alkalinity	mg/L	IS:3025 (Part-23)	374
20.	P-Alkalinity	mg/L	IS:3025 (Part-23)	BDL(MDL:4.0)
21.	Phosphate	mg/L	IS:3550 -1965	2.6
22.	Sodium	mg/L	IS:3025 (Part-45)	432.4
23.	Potassium	mg/L	IS:3025 (Part-45)	35.2
24.	Calcium	mg/L	IS:3025 (Part-40)	41.3
25.	Magnesium	mg/L	IS:3025 (Part-46)	20.4
26.	Arsenic	mg/L	IS:3025 (Part-37)	BDL(MDL:0.01)

27.	Nickel	mg/L	IS:3025 (Part-54)	BDL(MDL:0.02)
28.	Copper	mg/L	IS:3025 (Part-42)	0.128
29.	Mercury	mg/L	IS:3025 (Part-48)	BDL(MDL:0.001)
30.	Chromium	mg/L	IS:3025 (Part-52)	BDL(MDL:0.05)
31.	Cadmium	mg/L	IS:3025 (Part-41)	0.048
32.	Zinc	mg/L	IS:3025 (Part-49)	BDL(MDL:0.05)
33.	Iron	mg/L	IS:3025 (Part-53)	BDL(MDL:0.01)
34.	Lead	mg/L	IS:3025 (Part-47)	0.679
35.	Alpha BHC	ppb	USEPA 8081 A	BDL(MDL:0.01)
36.	Beta BHC	ppb	USEPA 8081 A	BDL(MDL:0.04)
37.	Gama BHC	ppb	USEPA 8081 A	BDL(MDL:2.0)
38.	OP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
39.	PP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
40.	Alpha Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
41.	Beta Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
42.	Dieldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
43.	2-4 D	ppb	USEPA 1699-2007	BDL(MDL:30.0)
44.	Aldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
45.	Chloropyriphos	ppb	USEPA 1699-2007	BDL(MDL:30.0)
46.	Carboryl (Carbamate)	ppb	USEPA 1699-2007	BDL(MDL:0.01)
47.	Methyl Parathin	ppb	USEPA 1699-2007	BDL(MDL:0.3)
48.	Anilophos	ppb	USEPA 1699-2007	BDL(MDL:0.01)
49.	Malathian	ppb	USEPA 8081 B	BDL(MDL:190.0)
50.	Total Coliform	MPN/ 100 ml	APHA:9221 B 23 rd Edition (Page: 9-69)	>1600
51.	Fecal Coliform	MPN/ 100 ml	APHA:9222 D 23 rd Edition (Page: 9-89)	1600
52.	Fecal Streptococci	MPN/ 100 ml	IS:1622-1981 (R.A.-1996)	900

Statement of conformity:-

Remarks:

BDL: Below Detection Limit, MDL: Minimum Detection Limit

Mrs. Khushbu S. Gajjar
Technical Manager

Mr. Swastik R. Gajjar
Lab Manager(Q)

* End of Report *

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REPORT NUMBER: **EI/WW/0421/044**

DATE OF REPORT: **05-05-2021**

F/7.8/01/Issue No.01/Issue Date: 01-10-2018/ Amend No.:00 / Amend Date:-- / Page 2 of 2

TEST REPORT

REPORT NUMBER: EI/WW/0421/045
DATE OF REPORT: 05-02-2021
CLIENT NAME : POLLUTION CONTROL COMMITTEE,
Dadra and Nagar Haveli and Daman and Diu
ADDRESS : 1st Floor, Udyog Bhavan, Bhenslore, Daman- 396220,INDIA
SAMPLE DETAILS.

Laboratory ID	: EI/WW/0421/045	Date of Sampling	: 29-04-2021
Sample Type	: Surface Water	Date of Sample Receipt	: 29-04-2021
Type of Sampling	: Grab	Sample Condition	: Good
Place of Sampling	: 100 meter Downstream of outlet of CETP, Vapi (from river)	Quantity of Sample Received	: 5 Liter
Description (GPS)	: N 20°20'31.52", E72°54'16.88"	Analysis Start Date	: 29-04-2021
Sampling Protocol / Standard	: IS3025 (Part 1):1987(R.A.2003)	Analysis End Date	: 05-05-2021
Sampling Conducted By	: Nimesh	Duration of Sampling	: -

Sl. No	PARAMETER	UNIT	TEST METHOD	RESULTS
1.	Temperature	°C	APHA:2550 B 23 rd Edition (Page: 2-74)	28.8
2.	pH @ 25°C	pH	APHA:4500 H ⁺ B 23 rd Edition (Page: 4-13)	7.89
3.	Conductivity	µs/cm	IS:3025 (Part-14)	985
4.	Dissolve Oxygen	mg/L	IS:3025 (Part-38)	5.7
5.	Biological Oxygen Demand	mg/L	IS:3025 (Part-44)(3 Days at 27°C)	2.4
6.	Nitrate as N	mg/L	IS:3025 (Part-44)	0.6
7.	Ammonia as N	mg/L	APHA:4500 NH ₃ -B-C 23 rd Edition (Page: 4-114)	7.1
8.	Chemical Oxygen Demand	mg/L	APHA:5220 B 23 rd Edition (Page: 5-18)	12.8
9.	Total Kjeldahl Nitrogen	mg/L	IS:3025 (Part-34)	12.7
10.	Total Dissolve Solids	mg/L	APHA:2540 C 23 rd Edition (Page: 2-69)	687
11.	Total Fixed Solids	mg/L	IS:3025 (Part-18)	659
12.	Total Suspended Solids	mg/L	APHA:2540 B 23 rd Edition (Page: 2-70)	11
13.	Turbidity	NTU	IS:3025 (Part-10)	0.1
14.	Hardness	mg/L	IS:3025 (Part-21)	231.8
15.	Fluoride	mg/L	IS:3025 (Part-60)	BDL(MDL:0.1)
16.	Boron	mg/L	IS:3025 (Part-57)	ND
17.	Chloride	mg/L	APHA:4500 Cl ⁻ B 23 rd Edition (Page: 4-75)	197.4
18.	Sulphate	mg/L	IS:3025 (Part-28)	43.6
19.	Total Alkalinity	mg/L	IS:3025 (Part-23)	83
20.	P-Alkalinity	mg/L	IS:3025 (Part-23)	BDL(MDL:4.0)
21.	Phosphate	mg/L	IS:3550 -1965	3.1
22.	Sodium	mg/L	IS:3025 (Part-45)	96.4
23.	Potassium	mg/L	IS:3025 (Part-45)	5.8
24.	Calcium	mg/L	IS:3025 (Part-40)	62.8

25.	Magnesium	mg/L	IS:3025 (Part-46)	20.3
26.	Arsenic	mg/L	IS:3025 (Part-37)	BDL(MDL:0.01)
27.	Nickel	mg/L	IS:3025 (Part-54)	BDL(MDL:0.02)
28.	Copper	mg/L	IS:3025 (Part-42)	BDL(MDL:0.05)
29.	Mercury	mg/L	IS:3025 (Part-48)	BDL(MDL:0.001)
30.	Chromium	mg/L	IS:3025 (Part-52)	BDL(MDL:0.05)
31.	Cadmium	mg/L	IS:3025 (Part-41)	BDL(MDL:0.003)
32.	Zinc	mg/L	IS:3025 (Part-49)	BDL(MDL:0.05)
33.	Lead	mg/L	IS:3025 (Part-47)	BDL(MDL:0.01)
34.	Iron	mg/L	IS:3025 (Part-53)	BDL(MDL:0.01)
35.	Alpha BHC	ppb	USEPA 8081 A	BDL(MDL:0.01)
36.	Beta BHC	ppb	USEPA 8081 A	BDL(MDL:0.04)
37.	Gama BHC	ppb	USEPA 8081 A	BDL(MDL:2.0)
38.	OP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
39.	PP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
40.	Alpha Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
41.	Beta Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
42.	Dieldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
43.	2-4 D	ppb	USEPA 1699-2007	BDL(MDL:30.0)
44.	Aldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
45.	Chloropyriphos	ppb	USEPA 1699-2007	BDL(MDL:30.0)
46.	Carboryl (Carbamate)	ppb	USEPA 1699-2007	BDL(MDL:0.01)
47.	Methyl Parathin	ppb	USEPA 1699-2007	BDL(MDL:0.3)
48.	Anilophos	ppb	USEPA 1699-2007	BDL(MDL:0.01)
49.	Malathian	ppb	USEPA 8081 B	BDL(MDL:190.0)
50.	Total Coliform	MPN/ 100 ml	APHA:9221 B 23 rd Edition (Page: 9-69)	>1600
51.	Fecal Coliform	MPN/ 100 ml	APHA:9222 D 23 rd Edition (Page: 9-89)	1600
52.	Fecal Streptococci	MPN/ 100 ml	IS:1622-1981 (R.A.-1996)	118

Statement of conformity:-

Remarks:

BDL: Below Detection Limit, MDL: Minimum Detection Limit

Mrs. Khushbu S. Gajjar
Technical Manager

Mr. Swastik R. Gajjar
Lab Manager(Q)

* End of Report *

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REPORT NUMBER: **EI/WW/0421/045**

DATE OF REPORT: **05-05-2021**

F/7.8/01/Issue No.01/Issue Date: 01-10-2018/ Amend No.:00 / Amend Date:-- / Page 2 of 2

TEST REPORT

REPORT NUMBER:EI/WW/0421/046**DATE OF REPORT: 05-02-2021****CLIENT NAME : POLLUTION CONTROL COMMITTEE,****Dadra and Nagar Haveli and Daman and Diu****ADDRESS : 1st Floor, Udyog Bhavan, Bhenslore, Daman- 396220,INDIA****SAMPLE DETAILS.**

Laboratory ID	: EI/WW/0421/046	Date of Sampling	: 29-04-2021
Sample Type	: Surface Water	Date of Sample Receipt	: 29-04-2021
Type of Sampling	: Grab	Sample Condition	: Good
Place of Sampling	: At Patalia Bridge(Kolak River)	Quantity of Sample Received	: 5 Liter
Description (GPS)	: N 20°27'41", E72°53'12.59"	Analysis Start Date	: 29-04-2021
Sampling Protocol / Standard	: IS3025 (Part 1):1987(R.A.2003)	Analysis End Date	: 05-05-2021
Sampling Conducted By	: Nimesh	Duration of Sampling	: -

Sl. No	PARAMETER	UNIT	TEST METHOD	RESULTS
1.	Temperature	°C	APHA:2550 B 23 rd Edition (Page: 2-74)	27.5
2.	pH @ 25°C	pH	APHA:4500 H ⁺ B 23 rd Edition (Page: 4-13)	7.53
3.	Conductivity	µs/cm	IS:3025 (Part-14)	2923
4.	Dissolve Oxygen	mg/L	IS:3025 (Part-38)	5
5.	Biological Oxygen Demand	mg/L	IS:3025 (Part-44)(3 Days at 27°C)	2.5
6.	Nitrate as N	mg/L	IS:3025 (Part-44)	0.4
7.	Ammonia as N	mg/L	APHA:4500 NH ₃ -B-C 23 rd Edition (Page: 4-114)	2.4
8.	Chemical Oxygen Demand	mg/L	APHA:5220 B 23 rd Edition (Page: 5-18)	22.17
9.	Total Kjeldahl Nitrogen	mg/L	IS:3025 (Part-34)	6.1
10.	Total Dissolve Solids	mg/L	APHA:2540 C 23 rd Edition (Page: 2-69)	1756
11.	Total Fixed Solids	mg/L	IS:3025 (Part-18)	480
12.	Total Suspended Solids	mg/L	APHA:2540 B 23 rd Edition (Page: 2-70)	38
13.	Turbidity	NTU	IS:3025 (Part-10)	0.1
14.	Hardness	mg/L	IS:3025 (Part-21)	291
15.	Fluoride	mg/L	IS:3025 (Part-60)	BDL(MDL:0.1)
16.	Boron	mg/L	IS:3025 (Part-57)	ND
17.	Chloride	mg/L	APHA:4500 Cl ⁻ B 23 rd Edition (Page: 4-75)	657.4
18.	Sulphate	mg/L	IS:3025 (Part-28)	352.1
19.	Total Alkalinity	mg/L	IS:3025 (Part-23)	132
20.	P-Alkalinity	mg/L	IS:3025 (Part-23)	BDL(MDL:4.0)
21.	Phosphate	mg/L	IS:3550 -1965	0.3
22.	Sodium	mg/L	IS:3025 (Part-45)	607
23.	Potassium	mg/L	IS:3025 (Part-45)	27.8
24.	Calcium	mg/L	IS:3025 (Part-40)	56.8
25.	Magnesium	mg/L	IS:3025 (Part-46)	51.4
26.	Arsenic	mg/L	IS:3025 (Part-37)	BDL(MDL:0.01)

27.	Nickel	mg/L	IS:3025 (Part-54)	BDL(MDL:0.02)
28.	Copper	mg/L	IS:3025 (Part-42)	BDL(MDL:0.05)
29.	Mercury	mg/L	IS:3025 (Part-48)	BDL(MDL:0.001)
30.	Chromium	mg/L	IS:3025 (Part-52)	BDL(MDL:0.05)
31.	Cadmium	mg/L	IS:3025 (Part-41)	0.034
32.	Zinc	mg/L	IS:3025 (Part-49)	BDL(MDL:0.05)
33.	Lead	mg/L	IS:3025 (Part-47)	BDL(MDL:0.01)
34.	Iron	mg/L	IS:3025 (Part-53)	0.104
35.	Alpha BHC	ppb	USEPA 8081 A	BDL(MDL:0.01)
36.	Beta BHC	ppb	USEPA 8081 A	BDL(MDL:0.04)
37.	Gama BHC	ppb	USEPA 8081 A	BDL(MDL:2.0)
38.	OP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
39.	PP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
40.	Alpha Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
41.	Beta Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
42.	Dieldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
43.	2-4 D	ppb	USEPA 1699-2007	BDL(MDL:30.0)
44.	Aldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
45.	Chloropyriphos	ppb	USEPA 1699-2007	BDL(MDL:30.0)
46.	Carboryl (Carbamate)	ppb	USEPA 1699-2007	BDL(MDL:0.01)
47.	Methyl Parathin	ppb	USEPA 1699-2007	BDL(MDL:0.3)
48.	Anilophos	ppb	USEPA 1699-2007	BDL(MDL:0.01)
49.	Malathian	ppb	USEPA 8081 B	BDL(MDL:190.0)
50.	Total Coliform	MPN/ 100 ml	APHA:9221 B 23 rd Edition (Page: 9-69)	>1600
51.	Fecal Coliform	MPN/ 100 ml	APHA:9222 D 23 rd Edition (Page: 9-89)	1600
52.	Fecal Streptococci	MPN/ 100 ml	IS:1622-1981 (R.A.-1996)	241

Statement of conformity:-

Remarks:

BDL: Below Detection Limit, MDL: Minimum Detection Limit

Mrs. Khushbu S. Gajjar
Technical Manager

Mr. Swastik R. Gajjar
Lab Manager(Q)

* End of Report *

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REPORT NUMBER: **EI/WW/0421/046**

DATE OF REPORT: **05-05-2021**

F/7.8/01/Issue No.01/Issue Date: 01-10-2018/ Amend No.:00 / Amend Date:-- / Page 2 of 2

TEST REPORT

REPORT NUMBER: EI/WW/0421/047**DATE OF REPORT: 05-02-2021****CLIENT NAME : POLLUTION CONTROL COMMITTEE,****Dadra and Nagar Haveli and Daman and Diu****ADDRESS : 1st Floor, Udyog Bhavan, Bhenslore, Daman- 396220,INDIA****SAMPLE DETAILS.**

Laboratory ID	: EI/WW/0421/047	Date of Sampling	: 29-04-2021
Sample Type	: Surface Water	Date of Sample Receipt	: 29-04-2021
Type of Sampling	: Grab	Sample Condition	: Good
Place of Sampling	: At N.H.No.8,Vapi (Kolak River)	Quantity of Sample Received	: 5 Liter
Description (GPS)	: N 20°25'24.2", E72°54'57.28"	Analysis Start Date	: 29-04-2021
Sampling Protocol / Standard	: IS3025 (Part 1):1987(R.A.2003)	Analysis End Date	: 05-05-2021
Sampling Conducted By	: Nimesh	Duration of Sampling	: -

Sl. No	PARAMETER	UNIT	TEST METHOD	RESULTS
1.	Temperature	°C	APHA:2550 B 23 rd Edition (Page: 2-74)	28
2.	pH @ 25°C	pH	APHA:4500 H ⁺ B 23 rd Edition (Page: 4-13)	7.45
3.	Conductivity	µs/cm	IS:3025 (Part-14)	242.1
4.	Dissolve Oxygen	mg/L	IS:3025 (Part-38)	6.1
5.	Biological Oxygen Demand	mg/L	IS:3025 (Part-44)(3 Days at 27°C)	3.1
6.	Nitrate as N	mg/L	IS:3025 (Part-44)	0.3
7.	Ammonia as N	mg/L	APHA:4500 NH ₃ -B-C 23 rd Edition (Page: 4-114)	BDL(MDL:2.0)
8.	Chemical Oxygen Demand	mg/L	APHA:5220 B 23 rd Edition (Page: 5-18)	19.65
9.	Total Kjeldahl Nitrogen	mg/L	IS:3025 (Part-34)	BDL(MDL:2.0)
10.	Total Dissolve Solids	mg/L	APHA:2540 C 23 rd Edition (Page: 2-69)	157
11.	Total Fixed Solids	mg/L	IS:3025 (Part-18)	113
12.	Total Suspended Solids	mg/L	APHA:2540 B 23 rd Edition (Page: 2-70)	9
13.	Turbidity	NTU	IS:3025 (Part-10)	1
14.	Hardness	mg/L	IS:3025 (Part-21)	92.5
15.	Fluoride	mg/L	IS:3025 (Part-60)	BDL(MDL:0.1)
16.	Boron	mg/L	IS:3025 (Part-57)	ND
17.	Chloride	mg/L	APHA:4500 Cl ⁻ B 23 rd Edition (Page: 4-75)	3.6
18.	Sulphate	mg/L	IS:3025 (Part-28)	3.2
19.	Total Alkalinity	mg/L	IS:3025 (Part-23)	116
20.	P-Alkalinity	mg/L	IS:3025 (Part-23)	BDL(MDL:4.0)
21.	Phosphate	mg/L	IS:3550 -1965	0.14
22.	Sodium	mg/L	IS:3025 (Part-45)	10.8
23.	Potassium	mg/L	IS:3025 (Part-45)	BDL(MDL:1.0)
24.	Calcium	mg/L	IS:3025 (Part-40)	21.8
25.	Magnesium	mg/L	IS:3025 (Part-46)	6.2

26.	Arsenic	mg/L	IS:3025 (Part-37)	BDL(MDL:0.01)
27.	Nickel	mg/L	IS:3025 (Part-54)	BDL(MDL:0.02)
28.	Copper	mg/L	IS:3025 (Part-42)	BDL(MDL:0.05)
29.	Mercury	mg/L	IS:3025 (Part-48)	BDL(MDL:0.001)
30.	Chromium	mg/L	IS:3025 (Part-52)	BDL(MDL:0.05)
31.	Cadmium	mg/L	IS:3025 (Part-41)	BDL(MDL:0.003)
32.	Zinc	mg/L	IS:3025 (Part-49)	BDL(MDL:0.05)
33.	Lead	mg/L	IS:3025 (Part-47)	BDL(MDL:0.01)
34.	Iron	mg/L	IS:3025 (Part-53)	0.229
35.	Alpha BHC	ppb	USEPA 8081 A	BDL(MDL:0.01)
36.	Beta BHC	ppb	USEPA 8081 A	BDL(MDL:0.04)
37.	Gama BHC	ppb	USEPA 8081 A	BDL(MDL:2.0)
38.	OP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
39.	PP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
40.	Alpha Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
41.	Beta Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
42.	Dieldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
43.	2-4 D	ppb	USEPA 1699-2007	BDL(MDL:30.0)
44.	Aldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
45.	Chloropyriphos	ppb	USEPA 1699-2007	BDL(MDL:30.0)
46.	Carboryl (Carbamate)	ppb	USEPA 1699-2007	BDL(MDL:0.01)
47.	Methyl Parathin	ppb	USEPA 1699-2007	BDL(MDL:0.3)
48.	Anilophos	ppb	USEPA 1699-2007	BDL(MDL:0.01)
49.	Malathian	ppb	USEPA 8081 B	BDL(MDL:190.0)
50.	Total Coliform	MPN/ 100 ml	APHA:9221 B 23 rd Edition (Page: 9-69)	268
51.	Fecal Coliform	MPN/ 100 ml	APHA:9222 D 23 rd Edition (Page: 9-89)	132
52.	Fecal Streptococci	MPN/ 100 ml	IS:1622-1981 (R.A.-1996)	39

Statement of conformity:-

Remarks:

BDL: Below Detection Limit, MDL: Minimum Detection Limit

Mrs. Khushbu S. Gajjar
Technical Manager

Mr. Swastik R. Gajjar
Lab Manager(Q)

* End of Report *

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REPORT NUMBER: **EI/WW/0421/047**

DATE OF REPORT: **05-05-2021**

F/7.8/01/Issue No.01/Issue Date: 01-10-2018/ Amend No.:00 / Amend Date:-- / Page 2 of 2

TEST REPORT

REPORT NUMBER: EI/WW/0521/016**DATE OF REPORT: 04-06-2021****CLIENT NAME : POLLUTION CONTROL COMMITTEE,****Dadra and Nagar Haveli and Daman and Diu****ADDRESS : 1st Floor, Udyog Bhavan, Bhenslore, Daman- 396220,INDIA****SAMPLE DETAILS.**

Laboratory ID : EI/WW/051/016	Date of Sampling : 28-05-2021
Sample Type : Surface Water	Date of Sample Receipt : 28-05-2021
Type of Sampling : Grab	Sample Condition : Good
Place of Sampling : D/s of Madhuban Dam	Quantity of Sample Received : 5 Liter
Description (GPS) : N 20°12'57", E 73°2'29"	Analysis Start Date : 28-05-2021
Sampling Protocol / Standard : IS-3025 (Part 1):1987(R.A.2003)	Analysis End Date : 04-06-2021
Sampling Conducted By : Nimesh	Duration of Sampling : -

Sl. No	PARAMETER	UNIT	TEST METHOD	RESULTS
1.	Temperature	°C	APHA:2550 B 23 rd Edition (Page: 2-74)	27.5
2.	pH @ 25°C	pH	APHA:4500 H ⁺ B 23 rd Edition (Page: 4-13)	7.85
3.	Conductivity	µs/cm	IS:3025 (Part-14)	251.8
4.	Dissolve Oxygen	mg/L	IS:3025 (Part-38)	7.0
5.	Biological Oxygen Demand	mg/L	IS:3025 (Part-44)(3 Days at 27°C)	BDL(MDL:1.0)
6.	Nitrate as N	mg/L	IS:3025 (Part-44)	BDL(MDL:0.1)
7.	Ammonia as N	mg/L	APHA:4500 NH ₃ -B-C 23 rd Edition (Page: 4-114)	BDL(MDL:2.0)
8.	Chemical Oxygen Demand	mg/L	APHA:5220 B 23 rd Edition (Page: 5-18)	BDL(MDL:2.0)
9.	Total Kjeldahl Nitrogen	mg/L	IS:3025 (Part-34)	BDL(MDL:2.0)
10.	Total Dissolve Solids	mg/L	APHA:2540 C 23 rd Edition (Page: 2-69)	153
11.	Total Fixed Solids	mg/L	IS:3025 (Part-18)	89
12.	Total Suspended Solids	mg/L	APHA:2540 B 23 rd Edition (Page: 2-70)	BDL(MDL:4.0)
13.	Turbidity	NTU	IS:3025 (Part-10)	0.1
14.	Hardness	mg/L	IS:3025 (Part-21)	78
15.	Fluoride	mg/L	IS:3025 (Part-60)	BDL(MDL:0.1)
16.	Boron	mg/L	IS:3025 (Part-57)	ND
17.	Chloride	mg/L	APHA:4500 Cl ⁻ B 23 rd Edition (Page: 4-75)	5.8
18.	Sulphate	mg/L	IS:3025 (Part-28)	3.03
19.	Total Alkalinity	mg/L	IS:3025 (Part-23)	72
20.	P-Alkalinity	mg/L	IS:3025 (Part-23)	BDL(MDL:4.0)
21.	Phosphate	mg/L	IS:3550 -1965	BDL(MDL:0.1)
22.	Sodium	mg/L	IS:3025 (Part-45)	13.6
23.	Potassium	mg/L	IS:3025 (Part-45)	BDL(MDL:1.0)
24.	Calcium	mg/L	IS:3025 (Part-40)	13.9
25.	Magnesium	mg/L	IS:3025 (Part-46)	4.8
26.	Arsenic	mg/L	IS:3025 (Part-37)	BDL(MDL:0.01)

27.	Nickel	mg/L	IS:3025 (Part-54)	BDL(MDL:0.02)
28.	Copper	mg/L	IS:3025 (Part-42)	BDL(MDL:0.05)
29.	Mercury	mg/L	IS:3025 (Part-48)	BDL(MDL:0.001)
30.	Chromium	mg/L	IS:3025 (Part-52)	BDL(MDL:0.05)
31.	Cadmium	mg/L	IS:3025 (Part-41)	BDL(MDL:0.003)
32.	Zinc	mg/L	IS:3025 (Part-49)	BDL(MDL:0.05)
33.	Lead	mg/L	IS:3025 (Part-47)	BDL(MDL:0.01)
34.	Iron	mg/L	IS:3025 (Part-53)	BDL(MDL:0.01)
35.	Alpha BHC	ppb	USEPA 8081 A	BDL(MDL:0.01)
36.	Beta BHC	ppb	USEPA 8081 A	BDL(MDL:0.04)
37.	Gama BHC	ppb	USEPA 8081 A	BDL(MDL:2.0)
38.	OP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
39.	PP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
40.	Alpha Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
41.	Beta Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
42.	Dieldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
43.	2-4 D	ppb	USEPA 1699-2007	BDL(MDL:30.0)
44.	Aldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
45.	Chloropyriphos	ppb	USEPA 1699-2007	BDL(MDL:30.0)
46.	Carboryl (Carbamate)	ppb	USEPA 1699-2007	BDL(MDL:0.01)
47.	Methyl Parathin	ppb	USEPA 1699-2007	BDL(MDL:0.3)
48.	Anilophos	ppb	USEPA 1699-2007	BDL(MDL:0.01)
49.	Malathian	ppb	USEPA 8081 B	BDL(MDL:190.0)
50.	Total Coliform	MPN/ 100 ml	APHA:9221 B 23 rd Edition (Page: 9-69)	38
51.	Fecal Coliform	MPN/ 100 ml	APHA:9222 D 23 rd Edition (Page: 9-89)	8
52.	Fecal Streptococci	MPN/ 100 ml	IS:1622-1981 (R.A.-1996)	6

Statement of conformity:-

Remarks:

BDL: Below Detection Limit, MDL: Minimum Detection Limit

Mrs. Khushbu S. Gajjar
Technical Manager

Mr. Swastik R. Gajjar
Lab Manager(Q)

* End of Report *

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REPORT NUMBER: **EI/WW/0521/016**

DATE OF REPORT: **05-05-2021**

F/7.8/01/Issue No.01/Issue Date: 01-10-2018/ Amend No.:00 / Amend Date:-- / Page 2 of 2

TEST REPORT

REPORT NUMBER: EI/WW/0521/017**DATE OF REPORT: 04-06-2021****CLIENT NAME : POLLUTION CONTROL COMMITTEE,****Dadra and Nagar Haveli and Daman and Diu****ADDRESS : 1st Floor, Udyog Bhavan, Bhenslore, Daman- 396220,INDIA****SAMPLE DETAILS.**

Laboratory ID : EI/WW/0521/017	Date of Sampling : 28-05-2021
Sample Type : Surface Water	Date of Sample Receipt : 28-05-2021
Type of Sampling : Grab	Sample Condition : Good
Place of Sampling : D/s of Naroli Bridge,Silvassa,DNH	Quantity of Sample Received : 5 Liter
Description (GPS) : N 20°16'7", E 72°59'21"	Analysis Start Date : 28-05-2021
Sampling Protocol / Standard : IS3025 (Part 1):1987(R.A.2003)	Analysis End Date : 04-06-2021
Sampling Conducted By : Nimesh	Duration of Sampling : -

Sl. No	PARAMETER	UNIT	TEST METHOD	RESULTS
1.	Temperature	°C	APHA:2550 B 23 rd Edition (Page: 2-74)	30.5
2.	pH @ 25°C	pH	APHA:4500 H ⁺ B 23 rd Edition (Page: 4-13)	8.92
3.	Conductivity	µs/cm	IS:3025 (Part-14)	256.7
4.	Dissolve Oxygen	mg/L	IS:3025 (Part-38)	6.7
5.	Biological Oxygen Demand	mg/L	IS:3025 (Part-44)(3 Days at 27°C)	BDL(MDL:1.0)
6.	Nitrate as N	mg/L	IS:3025 (Part-44)	0.5
7.	Ammonia as N	mg/L	APHA:4500 NH ₃ -B-C 23 rd Edition (Page: 4-114)	BDL(MDL:2.0)
8.	Chemical Oxygen Demand	mg/L	APHA:5220 B 23 rd Edition (Page: 5-18)	BDL(MDL:2.0)
9.	Total Kjeldahl Nitrogen	mg/L	IS:3025 (Part-34)	BDL(MDL:2.0)
10.	Total Dissolve Solids	mg/L	APHA:2540 C 23 rd Edition (Page: 2-69)	161
11.	Total Fixed Solids	mg/L	IS:3025 (Part-18)	87
12.	Total Suspended Solids	mg/L	APHA:2540 B 23 rd Edition (Page: 2-70)	6
13.	Turbidity	NTU	IS:3025 (Part-10)	0.1
14.	Hardness	mg/L	IS:3025 (Part-21)	75
15.	Fluoride	mg/L	IS:3025 (Part-60)	BDL(MDL:0.1)
16.	Boron	mg/L	IS:3025 (Part-57)	ND
17.	Chloride	mg/L	APHA:4500 Cl ⁻ B 23 rd Edition (Page: 4-75)	6.9
18.	Sulphate	mg/L	IS:3025 (Part-28)	3.6
19.	Total Alkalinity	mg/L	IS:3025 (Part-23)	76
20.	P-Alkalinity	mg/L	IS:3025 (Part-23)	BDL(MDL:4.0)
21.	Phosphate	mg/L	IS:3550 -1965	BDL(MDL:0.1)
22.	Sodium	mg/L	IS:3025 (Part-45)	16.5
23.	Potassium	mg/L	IS:3025 (Part-45)	BDL(MDL:1.0)
24.	Calcium	mg/L	IS:3025 (Part-40)	16.3
25.	Magnesium	mg/L	IS:3025 (Part-46)	6.9

26.	Arsenic	mg/L	IS:3025 (Part-37)	BDL(MDL:0.01)
27.	Nickel	mg/L	IS:3025 (Part-54)	BDL(MDL:0.02)
28.	Copper	mg/L	IS:3025 (Part-42)	BDL(MDL:0.05)
29.	Mercury	mg/L	IS:3025 (Part-48)	BDL(MDL:0.001)
30.	Chromium	mg/L	IS:3025 (Part-52)	BDL(MDL:0.05)
31.	Cadmium	mg/L	IS:3025 (Part-41)	BDL(MDL:0.003)
32.	Zinc	mg/L	IS:3025 (Part-49)	0.53
33.	Lead	mg/L	IS:3025 (Part-47)	BDL(MDL:0.01)
34.	Iron	mg/L	IS:3025 (Part-53)	BDL(MDL:0.01)
35.	Alpha BHC	ppb	USEPA 8081 A	BDL(MDL:0.01)
36.	Beta BHC	ppb	USEPA 8081 A	BDL(MDL:0.04)
37.	Gama BHC	ppb	USEPA 8081 A	BDL(MDL:2.0)
38.	OP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
39.	PP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
40.	Alpha Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
41.	Beta Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
42.	Dieldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
43.	2-4 D	ppb	USEPA 1699-2007	BDL(MDL:30.0)
44.	Aldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
45.	Chloropyriphos	ppb	USEPA 1699-2007	BDL(MDL:30.0)
46.	Carboryl (Carbamate)	ppb	USEPA 1699-2007	BDL(MDL:0.01)
47.	Methyl Parathin	ppb	USEPA 1699-2007	BDL(MDL:0.3)
48.	Anilophos	ppb	USEPA 1699-2007	BDL(MDL:0.01)
49.	Malathian	ppb	USEPA 8081 B	BDL(MDL:190.0)
50.	Total Coliform	MPN/ 100 ml	APHA:9221 B 23 rd Edition (Page: 9-69)	32
51.	Fecal Coliform	MPN/ 100 ml	APHA:9222 D 23 rd Edition (Page: 9-89)	13
52.	Fecal Streptococci	MPN/ 100 ml	IS:1622-1981 (R.A.-1996)	4

Statement of conformity:-

Remarks:

BDL: Below Detection Limit, MDL: Minimum Detection Limit

Mrs. Khushbu S. Gajjar
Technical Manager

Mr. Swastik R. Gajjar
Lab Manager(Q)

* End of Report *

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REPORT NUMBER: **EI/WW/0521/017**

DATE OF REPORT: **04-06-2021**

F/7.8/01/Issue No.01/Issue Date: 01-10-2018/ Amend No.:00 / Amend Date:-- / Page 2 of 2

TEST REPORT

REPORT NUMBER: EI/WW/0521/018**DATE OF REPORT: 04-06-2021****CLIENT NAME : POLLUTION CONTROL COMMITTEE,****Dadra and Nagar Haveli and Daman and Diu****ADDRESS : 1st Floor, Udyog Bhavan, Bhenslore, Daman- 396220,INDIA****SAMPLE DETAILS.**

Laboratory ID : EI/WW/0521/018	Date of Sampling : 28-05-2021
Sample Type : Surface Water	Date of Sample Receipt : 28-05-2021
Type of Sampling : Grab	Sample Condition : Good
Place of Sampling : At Lawacha Temple	Quantity of Sample Received : 5 Liter
Description (GPS) : N 20°18'33.2", E 72°57'35.9"	Analysis Start Date : 28-05-2021
Sampling Protocol / Standard : IS3025 (Part 1):1987(R.A.2003)	Analysis End Date : 04-06-2021
Sampling Conducted By : Nimesh	Duration of Sampling : -

Sl. No	PARAMETER	UNIT	TEST METHOD	RESULTS
1.	Temperature	°C	APHA:2550 B 23 rd Edition (Page: 2-74)	28.4
2.	pH @ 25°C	pH	APHA:4500 H ⁺ B 23 rd Edition (Page: 4-13)	8.57
3.	Conductivity	µs/cm	IS:3025 (Part-14)	406.4
4.	Dissolve Oxygen	mg/L	IS:3025 (Part-38)	6.8
5.	Biological Oxygen Demand	mg/L	IS:3025 (Part-44)(3 Days at 27°C)	BDL(MDL:1.0)
6.	Nitrate as N	mg/L	IS:3025 (Part-44)	BDL(MDL:0.1)
7.	Ammonia as N	mg/L	APHA:4500 NH ₃ -B-C 23 rd Edition (Page: 4-114)	BDL(MDL:2.0)
8.	Chemical Oxygen Demand	mg/L	APHA:5220 B 23 rd Edition (Page: 5-18)	BDL(MDL:2.0)
9.	Total Kjeldahl Nitrogen	mg/L	IS:3025 (Part-34)	BDL(MDL:2.0)
10.	Total Dissolve Solids	mg/L	APHA:2540 C 23 rd Edition (Page: 2-69)	251
11.	Total Fixed Solids	mg/L	IS:3025 (Part-18)	92
12.	Total Suspended Solids	mg/L	APHA:2540 B 23 rd Edition (Page: 2-70)	BDL(MDL:4.0)
13.	Turbidity	NTU	IS:3025 (Part-10)	0.1
14.	Hardness	mg/L	IS:3025 (Part-21)	83.7
15.	Fluoride	mg/L	IS:3025 (Part-60)	0.24
16.	Boron	mg/L	IS:3025 (Part-57)	ND
17.	Chloride	mg/L	APHA:4500 Cl ⁻ B 23 rd Edition (Page: 4-75)	11.8
18.	Sulphate	mg/L	IS:3025 (Part-28)	3.8
19.	Total Alkalinity	mg/L	IS:3025 (Part-23)	88
20.	P-Alkalinity	mg/L	IS:3025 (Part-23)	BDL(MDL:4.0)
21.	Phosphate	mg/L	IS:3550 -1965	0.12
22.	Sodium	mg/L	IS:3025 (Part-45)	17.5
23.	Potassium	mg/L	IS:3025 (Part-45)	BDL(MDL:1.0)
24.	Calcium	mg/L	IS:3025 (Part-40)	20.1
25.	Magnesium	mg/L	IS:3025 (Part-46)	6.8
26.	Arsenic	mg/L	IS:3025 (Part-37)	BDL(MDL:0.01)

27.	Nickel	mg/L	IS:3025 (Part-54)	BDL(MDL:0.02)
28.	Copper	mg/L	IS:3025 (Part-42)	BDL(MDL:0.05)
29.	Mercury	mg/L	IS:3025 (Part-48)	BDL(MDL:0.001)
30.	Chromium	mg/L	IS:3025 (Part-52)	BDL(MDL:0.05)
31.	Cadmium	mg/L	IS:3025 (Part-41)	BDL(MDL:0.003)
32.	Zinc	mg/L	IS:3025 (Part-49)	BDL(MDL:0.05)
33.	Lead	mg/L	IS:3025 (Part-47)	BDL(MDL:0.01)
34.	Iron	mg/L	IS:3025 (Part-53)	BDL(MDL:0.01)
35.	Alpha BHC	ppb	USEPA 8081 A	BDL(MDL:0.01)
36.	Beta BHC	ppb	USEPA 8081 A	BDL(MDL:0.04)
37.	Gama BHC	ppb	USEPA 8081 A	BDL(MDL:2.0)
38.	OP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
39.	PP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
40.	Alpha Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
41.	Beta Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
42.	Dieldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
43.	2-4 D	ppb	USEPA 1699-2007	BDL(MDL:30.0)
44.	Aldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
45.	Chloropyriphos	ppb	USEPA 1699-2007	BDL(MDL:30.0)
46.	Carboryl (Carbamate)	ppb	USEPA 1699-2007	BDL(MDL:0.01)
47.	Methyl Parathin	ppb	USEPA 1699-2007	BDL(MDL:0.3)
48.	Anilophos	ppb	USEPA 1699-2007	BDL(MDL:0.01)
49.	Malathian	ppb	USEPA 8081 B	BDL(MDL:190.0)
50.	Total Coliform	MPN/ 100 ml	APHA:9221 B 23 rd Edition (Page: 9-69)	88
51.	Fecal Coliform	MPN/ 100 ml	APHA:9222 D 23 rd Edition (Page: 9-89)	36
52.	Fecal Streptococci	MPN/ 100 ml	IS:1622-1981 (R.A.-1996)	8

Statement of conformity:-

Remarks:

BDL: Below Detection Limit, MDL: Minimum Detection Limit

Mrs. Khushbu S. Gajjar
Technical Manager

Mr. Swastik R. Gajjar
Lab Manager(Q)

* End of Report *

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REPORT NUMBER: **EI/WW/0521/018**

DATE OF REPORT: **04-06-2021**

F/7.8/01/Issue No.01/Issue Date: 01-10-2018/ Amend No.:00 / Amend Date:-- / Page 2 of 2

TEST REPORT

REPORT NUMBER: EI/WW/0521/019**DATE OF REPORT: 04-06-2021****CLIENT NAME : POLLUTION CONTROL COMMITTEE,****Dadra and Nagar Haveli and Daman and Diu****ADDRESS : 1st Floor, Udyog Bhavan, Bhenslore, Daman- 396220,INDIA****SAMPLE DETAILS.**

Laboratory ID : EI/WW/0521/019	Date of Sampling : 28-05-2021
Sample Type : Surface Water	Date of Sample Receipt : 28-05-2021
Type of Sampling : Grab	Sample Condition : Good
Place of Sampling : Near Surat Beverages, Dadra,DNH	Quantity of Sample Received : 5 Liter
Description (GPS) : N 20°18'33.2568" E72°57'35.8122"	Analysis Start Date : 28-05-2021
Sampling Protocol / Standard : IS3025 (Part 1):1987(R.A.2003)	Analysis End Date : 04-06-2021
Sampling Conducted By : Nimesh	Duration of Sampling : -

Sl. No	PARAMETER	UNIT	TEST METHOD	RESULTS
1.	Temperature	°C	APHA:2550 B 23 rd Edition (Page: 2-74)	29.8
2.	pH @ 25°C	pH	APHA:4500 H ⁺ B 23 rd Edition (Page: 4-13)	8.88
3.	Conductivity	µs/cm	IS:3025 (Part-14)	372.4
4.	Dissolve Oxygen	mg/L	IS:3025 (Part-38)	6.8
5.	Biological Oxygen Demand	mg/L	IS:3025 (Part-44)(3 Days at 27°C)	BDL(MDL:1.0)
6.	Nitrate as N	mg/L	IS:3025 (Part-44)	0.4
7.	Ammonia as N	mg/L	APHA:4500 NH ₃ -B-C 23 rd Edition (Page: 4-114)	BDL(MDL:2.0)
8.	Chemical Oxygen Demand	mg/L	APHA:5220 B 23 rd Edition (Page: 5-18)	BDL(MDL:2.0)
9.	Total Kjeldahl Nitrogen	mg/L	IS:3025 (Part-34)	BDL(MDL:2.0)
10.	Total Dissolve Solids	mg/L	APHA:2540 C 23 rd Edition (Page: 2-69)	235
11.	Total Fixed Solids	mg/L	IS:3025 (Part-18)	98
12.	Total Suspended Solids	mg/L	APHA:2540 B 23 rd Edition (Page: 2-70)	11
13.	Turbidity	NTU	IS:3025 (Part-10)	0.1
14.	Hardness	mg/L	IS:3025 (Part-21)	82.5
15.	Fluoride	mg/L	IS:3025 (Part-60)	BDL(MDL:0.1)
16.	Boron	mg/L	IS:3025 (Part-57)	ND
17.	Chloride	mg/L	APHA:4500 Cl ⁻ B 23 rd Edition (Page: 4-75)	12.8
18.	Sulphate	mg/L	IS:3025 (Part-28)	2.3
19.	Total Alkalinity	mg/L	IS:3025 (Part-23)	84
20.	P-Alkalinity	mg/L	IS:3025 (Part-23)	BDL(MDL:4.0)
21.	Phosphate	mg/L	IS:3550 -1965	BDL(MDL:0.1)
22.	Sodium	mg/L	IS:3025 (Part-45)	17.6
23.	Potassium	mg/L	IS:3025 (Part-45)	BDL(MDL:1.0)
24.	Calcium	mg/L	IS:3025 (Part-40)	21.7
25.	Magnesium	mg/L	IS:3025 (Part-46)	7.2

26.	Arsenic	mg/L	IS:3025 (Part-37)	BDL(MDL:0.01)
27.	Nickel	mg/L	IS:3025 (Part-54)	BDL(MDL:0.02)
28.	Copper	mg/L	IS:3025 (Part-42)	BDL(MDL:0.05)
29.	Mercury	mg/L	IS:3025 (Part-48)	BDL(MDL:0.001)
30.	Chromium	mg/L	IS:3025 (Part-52)	BDL(MDL:0.05)
31.	Cadmium	mg/L	IS:3025 (Part-41)	BDL(MDL:0.003)
32.	Zinc	mg/L	IS:3025 (Part-49)	BDL(MDL:0.05)
33.	Lead	mg/L	IS:3025 (Part-47)	BDL(MDL:0.01)
34.	Iron	mg/L	IS:3025 (Part-53)	BDL(MDL:0.01)
35.	Alpha BHC	ppb	USEPA 8081 A	BDL(MDL:0.01)
36.	Beta BHC	ppb	USEPA 8081 A	BDL(MDL:0.04)
37.	Gama BHC	ppb	USEPA 8081 A	BDL(MDL:2.0)
38.	OP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
39.	PP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
40.	Alpha Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
41.	Beta Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
42.	Dieldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
43.	2-4 D	ppb	USEPA 1699-2007	BDL(MDL:30.0)
44.	Aldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
45.	Chloropyriphos	ppb	USEPA 1699-2007	BDL(MDL:30.0)
46.	Carboryl (Carbamate)	ppb	USEPA 1699-2007	BDL(MDL:0.01)
47.	Methyl Parathin	ppb	USEPA 1699-2007	BDL(MDL:0.3)
48.	Anilophos	ppb	USEPA 1699-2007	BDL(MDL:0.01)
49.	Malathian	ppb	USEPA 8081 B	BDL(MDL:190.0)
50.	Total Coliform	MPN/ 100 ml	APHA:9221 B 23 rd Edition (Page: 9-69)	59
51.	Fecal Coliform	MPN/ 100 ml	APHA:9222 D 23 rd Edition (Page: 9-89)	12
52.	Fecal Streptococci	MPN/ 100 ml	IS:1622-1981 (R.A.-1996)	4

Statement of conformity:-

Remarks:

BDL: Below Detection Limit, MDL: Minimum Detection Limit

Mrs. Khushbu S. Gajjar
Technical Manager

Mr. Swastik R. Gajjar
Lab Manager(Q)

* End of Report *

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REPORT NUMBER: **EI/WW/0521/019**

DATE OF REPORT: **04-06-2021**

F/7.8/01/Issue No.01/Issue Date: 01-10-2018/ Amend No.:00 / Amend Date:-- / Page 2 of 2

TEST REPORT

REPORT NUMBER: EI/WW/0521/020**DATE OF REPORT: 04-06-2021****CLIENT NAME : POLLUTION CONTROL COMMITTEE,****Dadra and Nagar Haveli and Daman and Diu****ADDRESS : 1st Floor, Udyog Bhavan, Bhenslore, Daman- 396220,INDIA****SAMPLE DETAILS.**

Laboratory ID : EI/WW/0521/020	Date of Sampling : 28-05-2021
Sample Type : Surface Water	Date of Sample Receipt : 28-05-2021
Type of Sampling : Grab	Sample Condition : Good
Place of Sampling : At Vapi Weir, Vapi	Quantity of Sample Received : 5 Liter
Description (GPS) : N 20°20'23.42", E 72°54'34.49"	Analysis Start Date : 28-05-2021
Sampling Protocol / Standard : IS3025 (Part 1):1987(R.A.2003)	Analysis End Date : 04-06-2021
Sampling Conducted By : Nimesh	Duration of Sampling : -

Sl. No	PARAMETER	UNIT	TEST METHOD	RESULTS
1.	Temperature	°C	APHA:2550 B 23 rd Edition (Page: 2-74)	30.4
2.	pH @ 25°C	pH	APHA:4500 H ⁺ B 23 rd Edition (Page: 4-13)	8.21
3.	Conductivity	µs/cm	IS:3025 (Part-14)	274.9
4.	Dissolve Oxygen	mg/L	IS:3025 (Part-38)	4.9
5.	Biological Oxygen Demand	mg/L	IS:3025 (Part-44)(3 Days at 27°C)	BDL(MDL:1.0)
6.	Nitrate as N	mg/L	IS:3025 (Part-44)	2.1
7.	Ammonia as N	mg/L	APHA:4500 NH ₃ -B-C 23 rd Edition (Page: 4-114)	BDL(MDL:2.0)
8.	Chemical Oxygen Demand	mg/L	APHA:5220 B 23 rd Edition (Page: 5-18)	8.4
9.	Total Kjeldahl Nitrogen	mg/L	IS:3025 (Part-34)	BDL(MDL:2.0)
10.	Total Dissolve Solids	mg/L	APHA:2540 C 23 rd Edition (Page: 2-69)	173
11.	Total Fixed Solids	mg/L	IS:3025 (Part-18)	109
12.	Total Suspended Solids	mg/L	APHA:2540 B 23 rd Edition (Page: 2-70)	BDL(MDL:4.0)
13.	Turbidity	NTU	IS:3025 (Part-10)	0.1
14.	Hardness	mg/L	IS:3025 (Part-21)	98
15.	Fluoride	mg/L	IS:3025 (Part-60)	BDL(MDL:0.1)
16.	Boron	mg/L	IS:3025 (Part-57)	ND
17.	Chloride	mg/L	APHA:4500 Cl ⁻ B 23 rd Edition (Page: 4-75)	19.1
18.	Sulphate	mg/L	IS:3025 (Part-28)	6.9
19.	Total Alkalinity	mg/L	IS:3025 (Part-23)	96
20.	P-Alkalinity	mg/L	IS:3025 (Part-23)	BDL(MDL:4.0)
21.	Phosphate	mg/L	IS:3550 -1965	0.13
22.	Sodium	mg/L	IS:3025 (Part-45)	27.3
23.	Potassium	mg/L	IS:3025 (Part-45)	1
24.	Calcium	mg/L	IS:3025 (Part-40)	23.4
25.	Magnesium	mg/L	IS:3025 (Part-46)	6.7
26.	Arsenic	mg/L	IS:3025 (Part-37)	BDL(MDL:0.01)

27.	Nickel	mg/L	IS:3025 (Part-54)	BDL(MDL:0.02)
28.	Copper	mg/L	IS:3025 (Part-42)	BDL(MDL:0.05)
29.	Mercury	mg/L	IS:3025 (Part-48)	BDL(MDL:0.001)
30.	Chromium	mg/L	IS:3025 (Part-52)	BDL(MDL:0.05)
31.	Cadmium	mg/L	IS:3025 (Part-41)	BDL(MDL:0.003)
32.	Zinc	mg/L	IS:3025 (Part-49)	BDL(MDL:0.05)
33.	Lead	mg/L	IS:3025 (Part-47)	BDL(MDL:0.01)
34.	Iron	mg/L	IS:3025 (Part-53)	0.107
35.	Alpha BHC	ppb	USEPA 8081 A	BDL(MDL:0.01)
36.	Beta BHC	ppb	USEPA 8081 A	BDL(MDL:0.04)
37.	Gama BHC	ppb	USEPA 8081 A	BDL(MDL:2.0)
38.	OP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
39.	PP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
40.	Alpha Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
41.	Beta Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
42.	Dieldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
43.	2-4 D	ppb	USEPA 1699-2007	BDL(MDL:30.0)
44.	Aldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
45.	Chloropyriphos	ppb	USEPA 1699-2007	BDL(MDL:30.0)
46.	Carboryl (Carbamate)	ppb	USEPA 1699-2007	BDL(MDL:0.01)
47.	Methyl Parathin	ppb	USEPA 1699-2007	BDL(MDL:0.3)
48.	Anilophos	ppb	USEPA 1699-2007	BDL(MDL:0.01)
49.	Malathian	ppb	USEPA 8081 B	BDL(MDL:190.0)
50.	Total Coliform	MPN/ 100 ml	APHA:9221 B 23 rd Edition (Page: 9-69)	218
51.	Fecal Coliform	MPN/ 100 ml	APHA:9222 D 23 rd Edition (Page: 9-89)	71
52.	Fecal Streptococci	MPN/ 100 ml	IS:1622-1981 (R.A.-1996)	64

Statement of conformity:-

Remarks:

BDL: Below Detection Limit, MDL: Minimum Detection Limit

Mrs. Khushbu S. Gajjar
Technical Manager

Mr. Swastik R. Gajjar
Lab Manager(Q)

* End of Report *

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REPORT NUMBER: **EI/WW/0521/020**

DATE OF REPORT: **04-06-2021**

F/7.8/01/Issue No.01/Issue Date: 01-10-2018/ Amend No.:00 / Amend Date:-- / Page 2 of 2

TEST REPORT

REPORT NUMBER: EI/WW/0521/021**DATE OF REPORT: 04-06-2021****CLIENT NAME : POLLUTION CONTROL COMMITTEE,****Dadra and Nagar Haveli and Daman and Diu****ADDRESS : 1st Floor, Udyog Bhavan, Bhenslore, Daman- 396220,INDIA****SAMPLE DETAILS.**

Laboratory ID : EI/WW/0521/021	Date of Sampling : 28-05-2021
Sample Type : Surface Water	Date of Sample Receipt : 28-05-2021
Type of Sampling : Grab	Sample Condition : Good
Place of Sampling : At Namdha Village	Quantity of Sample Received : 5 Liter
Description (GPS) : N 20°21'45.8", E 72°52'52.3"	Analysis Start Date : 28-05-2021
Sampling Protocol / Standard : IS3025 (Part 1):1987(R.A.2003)	Analysis End Date : 04-06-2021
Sampling Conducted By : Nimesh	Duration of Sampling : -

Sl. No	PARAMETER	UNIT	TEST METHOD	RESULTS
1.	Temperature	°C	APHA:2550 B 23 rd Edition (Page: 2-74)	29.3
2.	pH @ 25°C	pH	APHA:4500 H ⁺ B 23 rd Edition (Page: 4-13)	7.5
3.	Conductivity	µs/cm	IS:3025 (Part-14)	984
4.	Dissolve Oxygen	mg/L	IS:3025 (Part-38)	4.7
5.	Biological Oxygen Demand	mg/L	IS:3025 (Part-44)(3 Days at 27°C)	BDL(MDL:1.0)
6.	Nitrate as N	mg/L	IS:3025 (Part-44)	1.6
7.	Ammonia as N	mg/L	APHA:4500 NH ₃ -B-C 23 rd Edition (Page: 4-114)	2.8
8.	Chemical Oxygen Demand	mg/L	APHA:5220 B 23 rd Edition (Page: 5-18)	13.7
9.	Total Kjeldahl Nitrogen	mg/L	IS:3025 (Part-34)	13.1
10.	Total Dissolve Solids	mg/L	APHA:2540 C 23 rd Edition (Page: 2-69)	590
11.	Total Fixed Solids	mg/L	IS:3025 (Part-18)	287
12.	Total Suspended Solids	mg/L	APHA:2540 B 23 rd Edition (Page: 2-70)	27
13.	Turbidity	NTU	IS:3025 (Part-10)	0.1
14.	Hardness	mg/L	IS:3025 (Part-21)	276.4
15.	Fluoride	mg/L	IS:3025 (Part-60)	BDL(MDL:0.1)
16.	Boron	mg/L	IS:3025 (Part-57)	0.1
17.	Chloride	mg/L	APHA:4500 Cl ⁻ B 23 rd Edition (Page: 4-75)	168
18.	Sulphate	mg/L	IS:3025 (Part-28)	132.4
19.	Total Alkalinity	mg/L	IS:3025 (Part-23)	136
20.	P-Alkalinity	mg/L	IS:3025 (Part-23)	BDL(MDL:4.0)
21.	Phosphate	mg/L	IS:3550 -1965	0.1
22.	Sodium	mg/L	IS:3025 (Part-45)	112.6
23.	Potassium	mg/L	IS:3025 (Part-45)	7.1
24.	Calcium	mg/L	IS:3025 (Part-40)	50.1
25.	Magnesium	mg/L	IS:3025 (Part-46)	34.7
26.	Arsenic	mg/L	IS:3025 (Part-37)	BDL(MDL:0.01)

27.	Nickel	mg/L	IS:3025 (Part-54)	BDL(MDL:0.02)
28.	Copper	mg/L	IS:3025 (Part-42)	BDL(MDL:0.05)
29.	Mercury	mg/L	IS:3025 (Part-48)	BDL(MDL:0.001)
30.	Chromium	mg/L	IS:3025 (Part-52)	BDL(MDL:0.05)
31.	Cadmium	mg/L	IS:3025 (Part-41)	BDL(MDL:0.003)
32.	Zinc	mg/L	IS:3025 (Part-49)	BDL(MDL:0.05)
33.	Lead	mg/L	IS:3025 (Part-47)	BDL(MDL:0.01)
34.	Iron	mg/L	IS:3025 (Part-53)	0.64
35.	Alpha BHC	ppb	USEPA 8081 A	BDL(MDL:0.01)
36.	Beta BHC	ppb	USEPA 8081 A	BDL(MDL:0.04)
37.	Gama BHC	ppb	USEPA 8081 A	BDL(MDL:2.0)
38.	OP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
39.	PP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
40.	Alpha Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
41.	Beta Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
42.	Dieldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
43.	2-4 D	ppb	USEPA 1699-2007	BDL(MDL:30.0)
44.	Aldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
45.	Chloropyriphos	ppb	USEPA 1699-2007	BDL(MDL:30.0)
46.	Carboryl (Carbamate)	ppb	USEPA 1699-2007	BDL(MDL:0.01)
47.	Methyl Parathin	ppb	USEPA 1699-2007	BDL(MDL:0.3)
48.	Anilophos	ppb	USEPA 1699-2007	BDL(MDL:0.01)
49.	Malathian	ppb	USEPA 8081 B	BDL(MDL:190.0)
50.	Total Coliform	MPN/ 100 ml	APHA:9221 B 23 rd Edition (Page: 9-69)	534
51.	Fecal Coliform	MPN/ 100 ml	APHA:9222 D 23 rd Edition (Page: 9-89)	368
52.	Fecal Streptococci	MPN/ 100 ml	IS:1622-1981 (R.A.-1996)	41

Statement of conformity:-

Remarks:

BDL: Below Detection Limit, MDL: Minimum Detection Limit

Mrs. Khushbu S. Gajjar
Technical Manager

Mr. Swastik R. Gajjar
Lab Manager(Q)

* End of Report *

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REPORT NUMBER: **EI/WW/0521/021**

DATE OF REPORT: **04-06-2021**

F/7.8/01/Issue No.01/Issue Date: 01-10-2018/ Amend No.:00 / Amend Date:-- / Page 2 of 2

TEST REPORT

REPORT NUMBER: EI/WW/0521/022**DATE OF REPORT: 04-06-2021****CLIENT NAME : POLLUTION CONTROL COMMITTEE,****Dadra and Nagar Haveli and Daman and Diu****ADDRESS : 1st Floor, Udyog Bhavan, Bhenslore, Daman- 396220,INDIA****SAMPLE DETAILS.**

Laboratory ID : EI/WW/0521/022	Date of Sampling : 28-05-2021
Sample Type : Surface Water	Date of Sample Receipt : 28-05-2021
Type of Sampling : Grab	Sample Condition : Good
Place of Sampling : At Zari Causeway, Kachigam	Quantity of Sample Received : 5 Liter
Description (GPS) : N 20°22'18.62", E 72°52'50.52"	Analysis Start Date : 28-05-2021
Sampling Protocol / Standard : IS3025 (Part 1):1987(R.A.2003)	Analysis End Date : 04-06-2021
Sampling Conducted By : Nimesh	Duration of Sampling : -

Sl. No	PARAMETER	UNIT	TEST METHOD	RESULTS
1.	Temperature	°C	APHA:2550 B 23 rd Edition (Page: 2-74)	29.2
2.	pH @ 25°C	pH	APHA:4500 H ⁺ B 23 rd Edition (Page: 4-13)	7.66
3.	Conductivity	µs/cm	IS:3025 (Part-14)	4347
4.	Dissolve Oxygen	mg/L	IS:3025 (Part-38)	5.3
5.	Biological Oxygen Demand	mg/L	IS:3025 (Part-44)(3 Days at 27°C)	4.9
6.	Nitrate as N	mg/L	IS:3025 (Part-44)	0.4
7.	Ammonia as N	mg/L	APHA:4500 NH ₃ -B-C 23 rd Edition (Page: 4-114)	4.5
8.	Chemical Oxygen Demand	mg/L	APHA:5220 B 23 rd Edition (Page: 5-18)	23.2
9.	Total Kjeldahl Nitrogen	mg/L	IS:3025 (Part-34)	6.1
10.	Total Dissolve Solids	mg/L	APHA:2540 C 23 rd Edition (Page: 2-69)	3315
11.	Total Fixed Solids	mg/L	IS:3025 (Part-18)	1654
12.	Total Suspended Solids	mg/L	APHA:2540 B 23 rd Edition (Page: 2-70)	34
13.	Turbidity	NTU	IS:3025 (Part-10)	0.1
14.	Hardness	mg/L	IS:3025 (Part-21)	569.4
15.	Fluoride	mg/L	IS:3025 (Part-60)	BDL(MDL:0.1)
16.	Boron	mg/L	IS:3025 (Part-57)	0.21
17.	Chloride	mg/L	APHA:4500 Cl ⁻ B 23 rd Edition (Page: 4-75)	1127.8
18.	Sulphate	mg/L	IS:3025 (Part-28)	374.1
19.	Total Alkalinity	mg/L	IS:3025 (Part-23)	132
20.	P-Alkalinity	mg/L	IS:3025 (Part-23)	BDL(MDL:4.0)
21.	Phosphate	mg/L	IS:3550 -1965	2.4
22.	Sodium	mg/L	IS:3025 (Part-45)	731.6
23.	Potassium	mg/L	IS:3025 (Part-45)	29.8
24.	Calcium	mg/L	IS:3025 (Part-40)	58.6
25.	Magnesium	mg/L	IS:3025 (Part-46)	96.7
26.	Arsenic	mg/L	IS:3025 (Part-37)	BDL(MDL:0.01)

27.	Nickel	mg/L	IS:3025 (Part-54)	0.018
28.	Copper	mg/L	IS:3025 (Part-42)	BDL(MDL:0.05)
29.	Mercury	mg/L	IS:3025 (Part-48)	BDL(MDL:0.001)
30.	Chromium	mg/L	IS:3025 (Part-52)	BDL(MDL:0.05)
31.	Cadmium	mg/L	IS:3025 (Part-41)	BDL(MDL:0.003)
32.	Zinc	mg/L	IS:3025 (Part-49)	BDL(MDL:0.05)
33.	Lead	mg/L	IS:3025 (Part-47)	BDL(MDL:0.01)
34.	Iron	mg/L	IS:3025 (Part-53)	BDL(MDL:0.01)
35.	Alpha BHC	ppb	USEPA 8081 A	BDL(MDL:0.01)
36.	Beta BHC	ppb	USEPA 8081 A	BDL(MDL:0.04)
37.	Gama BHC	ppb	USEPA 8081 A	BDL(MDL:2.0)
38.	OP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
39.	PP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
40.	Alpha Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
41.	Beta Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
42.	Dieldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
43.	2-4 D	ppb	USEPA 1699-2007	BDL(MDL:30.0)
44.	Aldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
45.	Chloropyriphos	ppb	USEPA 1699-2007	BDL(MDL:30.0)
46.	Carboryl (Carbamate)	ppb	USEPA 1699-2007	BDL(MDL:0.01)
47.	Methyl Parathin	ppb	USEPA 1699-2007	BDL(MDL:0.3)
48.	Anilophos	ppb	USEPA 1699-2007	BDL(MDL:0.01)
49.	Malathian	ppb	USEPA 8081 B	BDL(MDL:190.0)
50.	Total Coliform	MPN/ 100 ml	APHA:9221 B 23 rd Edition (Page: 9-69)	884
51.	Fecal Coliform	MPN/ 100 ml	APHA:9222 D 23 rd Edition (Page: 9-89)	462
52.	Fecal Streptococci	MPN/ 100 ml	IS:1622-1981 (R.A.-1996)	138

Statement of conformity:-

Remarks:

BDL: Below Detection Limit, MDL: Minimum Detection Limit

Mrs. Khushbu S. Gajjar
Technical Manager

Mr. Swastik R. Gajjar
Lab Manager(Q)

* End of Report *

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REPORT NUMBER: **EI/WW/0521/022**

DATE OF REPORT: **04-06-2021**

F/7.8/01/Issue No.01/Issue Date: 01-10-2018/ Amend No.:00 / Amend Date:-- / Page 2 of 2

TEST REPORT

REPORT NUMBER: EI/WW/0521/023**DATE OF REPORT: 04-06-2021****CLIENT NAME : POLLUTION CONTROL COMMITTEE,****Dadra and Nagar Haveli and Daman and Diu****ADDRESS : 1st Floor, Udyog Bhavan, Bhenslore, Daman- 396220,INDIA****SAMPLE DETAILS.**

Laboratory ID : EI/WW/0521/023	Date of Sampling : 28-05-2021
Sample Type : Surface Water	Date of Sample Receipt : 28-05-2021
Type of Sampling : Grab	Sample Condition : Good
Place of Sampling : At Moti Daman Jetty	Quantity of Sample Received : 5 Liter
Description (GPS) : N 20°24'40.18", E 72°50'3.19"	Analysis Start Date : 28-05-2021
Sampling Protocol / Standard : IS3025 (Part 1):1987(R.A.2003)	Analysis End Date : 04-06-2021
Sampling Conducted By : Nimesh	Duration of Sampling : -

Sl. No	PARAMETER	UNIT	TEST METHOD	RESULTS
1.	Temperature	°C	APHA:2550 B 23 rd Edition (Page: 2-74)	29
2.	pH @ 25°C	pH	APHA:4500 H ⁺ B 23 rd Edition (Page: 4-13)	7.74
3.	Conductivity	µs/cm	IS:3025 (Part-14)	24214
4.	Dissolve Oxygen	mg/L	IS:3025 (Part-38)	5.7
5.	Biological Oxygen Demand	mg/L	IS:3025 (Part-44)(3 Days at 27°C)	BDL(MDL:1.0)
6.	Nitrate as N	mg/L	IS:3025 (Part-44)	0.6
7.	Ammonia as N	mg/L	APHA:4500 NH ₃ -B-C 23 rd Edition (Page: 4-114)	6.8
8.	Chemical Oxygen Demand	mg/L	APHA:5220 B 23 rd Edition (Page: 5-18)	20.14
9.	Total Kjeldahl Nitrogen	mg/L	IS:3025 (Part-34)	5.8
10.	Total Dissolve Solids	mg/L	APHA:2540 C 23 rd Edition (Page: 2-69)	14770
11.	Total Fixed Solids	mg/L	IS:3025 (Part-18)	12283
12.	Total Suspended Solids	mg/L	APHA:2540 B 23 rd Edition (Page: 2-70)	157
13.	Turbidity	NTU	IS:3025 (Part-10)	1
14.	Hardness	mg/L	IS:3025 (Part-21)	3107
15.	Fluoride	mg/L	IS:3025 (Part-60)	BDL(MDL:0.1)
16.	Boron	mg/L	IS:3025 (Part-57)	0.11
17.	Chloride	mg/L	APHA:4500 Cl ⁻ B 23 rd Edition (Page: 4-75)	9175.8
18.	Sulphate	mg/L	IS:3025 (Part-28)	1206
19.	Total Alkalinity	mg/L	IS:3025 (Part-23)	120
20.	P-Alkalinity	mg/L	IS:3025 (Part-23)	BDL(MDL:4.0)
21.	Phosphate	mg/L	IS:3550 -1965	2.3
22.	Sodium	mg/L	IS:3025 (Part-45)	4636
23.	Potassium	mg/L	IS:3025 (Part-45)	230
24.	Calcium	mg/L	IS:3025 (Part-40)	199.2
25.	Magnesium	mg/L	IS:3025 (Part-46)	621.5
26.	Arsenic	mg/L	IS:3025 (Part-37)	BDL(MDL:0.01)

27.	Nickel	mg/L	IS:3025 (Part-54)	0.313
28.	Copper	mg/L	IS:3025 (Part-42)	0.042
29.	Mercury	mg/L	IS:3025 (Part-48)	BDL(MDL:0.001)
30.	Chromium	mg/L	IS:3025 (Part-52)	0.06
31.	Cadmium	mg/L	IS:3025 (Part-41)	0.231
32.	Zinc	mg/L	IS:3025 (Part-49)	0.08
33.	Lead	mg/L	IS:3025 (Part-47)	BDL(MDL:0.01)
34.	Iron	mg/L	IS:3025 (Part-53)	0.742
35.	Alpha BHC	ppb	USEPA 8081 A	BDL(MDL:0.01)
36.	Beta BHC	ppb	USEPA 8081 A	BDL(MDL:0.04)
37.	Gama BHC	ppb	USEPA 8081 A	BDL(MDL:2.0)
38.	OP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
39.	PP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
40.	Alpha Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
41.	Beta Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
42.	Dieldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
43.	2-4 D	ppb	USEPA 1699-2007	BDL(MDL:30.0)
44.	Aldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
45.	Chloropyriphos	ppb	USEPA 1699-2007	BDL(MDL:30.0)
46.	Carboryl (Carbamate)	ppb	USEPA 1699-2007	BDL(MDL:0.01)
47.	Methyl Parathin	ppb	USEPA 1699-2007	BDL(MDL:0.3)
48.	Anilophos	ppb	USEPA 1699-2007	BDL(MDL:0.01)
49.	Malathian	ppb	USEPA 8081 B	BDL(MDL:190.0)
50.	Total Coliform	MPN/ 100 ml	APHA:9221 B 23 rd Edition (Page: 9-69)	119
51.	Fecal Coliform	MPN/ 100 ml	APHA:9222 D 23 rd Edition (Page: 9-89)	21
52.	Fecal Streptococci	MPN/ 100 ml	IS:1622-1981 (R.A.-1996)	22

Statement of conformity:-

Remarks:

BDL: Below Detection Limit, MDL: Minimum Detection Limit

Mrs. Khushbu S. Gajjar
Technical Manager

Mr. Swastik R. Gajjar
Lab Manager(Q)

* End of Report *

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REPORT NUMBER: **EI/WW/0521/023**

DATE OF REPORT: **04-06-2021**

F/7.8/01/Issue No.01/Issue Date: 01-10-2018/ Amend No.:00 / Amend Date:-- / Page 2 of 2

TEST REPORT

REPORT NUMBER: EI/WW/0521/024**DATE OF REPORT: 04-06-2021****CLIENT NAME : POLLUTION CONTROL COMMITTEE,****Dadra and Nagar Haveli and Daman and Diu****ADDRESS : 1st Floor, Udyog Bhavan, Bhenslore, Daman- 396220,INDIA****SAMPLE DETAILS.**

Laboratory ID : EI/WW/0521/024	Date of Sampling : 28-05-2021
Sample Type : Surface Water	Date of Sample Receipt : 28-05-2021
Type of Sampling : Grab	Sample Condition : Good
Place of Sampling : Outlet of CETP, Vapi	Quantity of Sample Received : 5 Liter
Description (GPS) : N 20°20'34.62"E72°54'20.38"	Analysis Start Date : 28-05-2021
Sampling Protocol / Standard : IS3025 (Part 1):1987(R.A.2003)	Analysis End Date : 04-06-2021
Sampling Conducted By : Nimesh	Duration of Sampling : -

Sl. No	PARAMETER	UNIT	TEST METHOD	RESULTS
1.	Temperature	°C	APHA:2550 B 23 rd Edition (Page: 2-74)	30.1
2.	pH @ 25°C	pH	APHA:4500 H ⁺ B 23 rd Edition (Page: 4-13)	7.08
3.	Conductivity	µs/cm	IS:3025 (Part-14)	7304
4.	Dissolve Oxygen	mg/L	IS:3025 (Part-38)	5.3
5.	Biological Oxygen Demand	mg/L	IS:3025 (Part-44)(3 Days at 27°C)	14
6.	Nitrate as N	mg/L	IS:3025 (Part-44)	2.4
7.	Ammonia as N	mg/L	APHA:4500 NH ₃ -B-C 23 rd Edition (Page: 4-114)	12.64
8.	Chemical Oxygen Demand	mg/L	APHA:5220 B 23 rd Edition (Page: 5-18)	71
9.	Total Kjeldahl Nitrogen	mg/L	IS:3025 (Part-34)	38.5
10.	Total Dissolve Solids	mg/L	APHA:2540 C 23 rd Edition (Page: 2-69)	4601
11.	Total Fixed Solids	mg/L	IS:3025 (Part-18)	4368
12.	Total Suspended Solids	mg/L	APHA:2540 B 23 rd Edition (Page: 2-70)	23
13.	Turbidity	NTU	IS:3025 (Part-10)	1
14.	Hardness	mg/L	IS:3025 (Part-21)	1458
15.	Fluoride	mg/L	IS:3025 (Part-60)	BDL(MDL:0.1)
16.	Boron	mg/L	IS:3025 (Part-57)	0.23
17.	Chloride	mg/L	APHA:4500 Cl ⁻ B 23 rd Edition (Page: 4-75)	1586.8
18.	Sulphate	mg/L	IS:3025 (Part-28)	1032
19.	Total Alkalinity	mg/L	IS:3025 (Part-23)	200
20.	P-Alkalinity	mg/L	IS:3025 (Part-23)	BDL(MDL:4.0)
21.	Phosphate	mg/L	IS:3550 -1965	2.9
22.	Sodium	mg/L	IS:3025 (Part-45)	966.3
23.	Potassium	mg/L	IS:3025 (Part-45)	41.5
24.	Calcium	mg/L	IS:3025 (Part-40)	252.6
25.	Magnesium	mg/L	IS:3025 (Part-46)	185.5
26.	Arsenic	mg/L	IS:3025 (Part-37)	BDL(MDL:0.01)

27.	Nickel	mg/L	IS:3025 (Part-54)	0.15
28.	Copper	mg/L	IS:3025 (Part-42)	BDL(MDL:0.05)
29.	Mercury	mg/L	IS:3025 (Part-48)	BDL(MDL:0.001)
30.	Chromium	mg/L	IS:3025 (Part-52)	BDL(MDL:0.05)
31.	Cadmium	mg/L	IS:3025 (Part-41)	0.025
32.	Zinc	mg/L	IS:3025 (Part-49)	0.13
33.	Lead	mg/L	IS:3025 (Part-47)	BDL(MDL:0.01)
34.	Iron	mg/L	IS:3025 (Part-53)	1.108
35.	Alpha BHC	ppb	USEPA 8081 A	BDL(MDL:0.01)
36.	Beta BHC	ppb	USEPA 8081 A	BDL(MDL:0.04)
37.	Gama BHC	ppb	USEPA 8081 A	BDL(MDL:2.0)
38.	OP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
39.	PP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
40.	Alpha Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
41.	Beta Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
42.	Dieldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
43.	2-4 D	ppb	USEPA 1699-2007	BDL(MDL:30.0)
44.	Aldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
45.	Chloropyriphos	ppb	USEPA 1699-2007	BDL(MDL:30.0)
46.	Carboryl (Carbamate)	ppb	USEPA 1699-2007	BDL(MDL:0.01)
47.	Methyl Parathin	ppb	USEPA 1699-2007	BDL(MDL:0.3)
48.	Anilophos	ppb	USEPA 1699-2007	BDL(MDL:0.01)
49.	Malathian	ppb	USEPA 8081 B	BDL(MDL:190.0)
50.	Total Coliform	MPN/ 100 ml	APHA:9221 B 23 rd Edition (Page: 9-69)	>1600
51.	Fecal Coliform	MPN/ 100 ml	APHA:9222 D 23 rd Edition (Page: 9-89)	900
52.	Fecal Streptococci	MPN/ 100 ml	IS:1622-1981 (R.A.-1996)	54

Statement of conformity:-

Remarks:

BDL: Below Detection Limit, MDL: Minimum Detection Limit

Mrs. Khushbu S. Gajjar
Technical Manager

Mr. Swastik R. Gajjar
Lab Manager(Q)

* End of Report *

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REPORT NUMBER: **EI/WW/0521/024**

DATE OF REPORT: **04-06-2021**

F/7.8/01/Issue No.01/Issue Date: 01-10-2018/ Amend No.:00 / Amend Date:-- / Page 2 of 2

TEST REPORT

REPORT NUMBER: EI/WW/0521/025**DATE OF REPORT: 04-06-2021****CLIENT NAME : POLLUTION CONTROL COMMITTEE,****Dadra and Nagar Haveli and Daman and Diu****ADDRESS : 1st Floor, Udyog Bhavan, Bhenslore, Daman- 396220,INDIA****SAMPLE DETAILS.**

Laboratory ID : EI/WW/0521/025	Date of Sampling : 28-05-2021
Sample Type : Surface Water	Date of Sample Receipt : 28-05-2021
Type of Sampling : Grab	Sample Condition : Good
Place of Sampling : Outlet of GHCL, Bhilad	Quantity of Sample Received : 5 Liter
Description (GPS) : N 20°17'35.81"E72°53'49.31"	Analysis Start Date : 28-05-2021
Sampling Protocol / Standard : IS:3025 (Part 1):1987(R.A.2003)	Analysis End Date : 04-06-2021
Sampling Conducted By : Nimesh	Duration of Sampling : -

Sl. No	PARAMETER	UNIT	TEST METHOD	RESULTS
1.	Temperature	°C	APHA:2550 B 23 rd Edition (Page: 2-74)	31
2.	pH @ 25°C	pH	APHA:4500 H ⁺ B 23 rd Edition (Page: 4-13)	8.43
3.	Conductivity	µs/cm	IS:3025 (Part-14)	2075
4.	Dissolve Oxygen	mg/L	IS:3025 (Part-38)	5.3
5.	Biological Oxygen Demand	mg/L	IS:3025 (Part-44)(3 Days at 27°C)	12
6.	Nitrate as N	mg/L	IS:3025 (Part-44)	3.8
7.	Ammonia as N	mg/L	APHA:4500 NH ₃ -B-C 23 rd Edition (Page: 4-114)	6.24
8.	Chemical Oxygen Demand	mg/L	APHA:5220 B 23 rd Edition (Page: 5-18)	58.1
9.	Total Kjeldahl Nitrogen	mg/L	IS:3025 (Part-34)	9.3
10.	Total Dissolve Solids	mg/L	APHA:2540 C 23 rd Edition (Page: 2-69)	1328
11.	Total Fixed Solids	mg/L	IS:3025 (Part-18)	1348
12.	Total Suspended Solids	mg/L	APHA:2540 B 23 rd Edition (Page: 2-70)	36
13.	Turbidity	NTU	IS:3025 (Part-10)	2
14.	Hardness	mg/L	IS:3025 (Part-21)	213.4
15.	Fluoride	mg/L	IS:3025 (Part-60)	BDL(MDL:0.1)
16.	Boron	mg/L	IS:3025 (Part-57)	ND
17.	Chloride	mg/L	APHA:4500 Cl ⁻ B 23 rd Edition (Page: 4-75)	278.8
18.	Sulphate	mg/L	IS:3025 (Part-28)	289.3
19.	Total Alkalinity	mg/L	IS:3025 (Part-23)	492
20.	P-Alkalinity	mg/L	IS:3025 (Part-23)	BDL(MDL:4.0)
21.	Phosphate	mg/L	IS:3550 -1965	2.4
22.	Sodium	mg/L	IS:3025 (Part-45)	437.7
23.	Potassium	mg/L	IS:3025 (Part-45)	36.4
24.	Calcium	mg/L	IS:3025 (Part-40)	42.4
25.	Magnesium	mg/L	IS:3025 (Part-46)	22.5
26.	Arsenic	mg/L	IS:3025 (Part-37)	BDL(MDL:0.01)

27.	Nickel	mg/L	IS:3025 (Part-54)	BDL(MDL:0.02)
28.	Copper	mg/L	IS:3025 (Part-42)	0.125
29.	Mercury	mg/L	IS:3025 (Part-48)	BDL(MDL:0.001)
30.	Chromium	mg/L	IS:3025 (Part-52)	BDL(MDL:0.05)
31.	Cadmium	mg/L	IS:3025 (Part-41)	0.048
32.	Zinc	mg/L	IS:3025 (Part-49)	BDL(MDL:0.05)
33.	Iron	mg/L	IS:3025 (Part-53)	BDL(MDL:0.01)
34.	Lead	mg/L	IS:3025 (Part-47)	0.642
35.	Alpha BHC	ppb	USEPA 8081 A	BDL(MDL:0.01)
36.	Beta BHC	ppb	USEPA 8081 A	BDL(MDL:0.04)
37.	Gama BHC	ppb	USEPA 8081 A	BDL(MDL:2.0)
38.	OP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
39.	PP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
40.	Alpha Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
41.	Beta Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
42.	Dieldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
43.	2-4 D	ppb	USEPA 1699-2007	BDL(MDL:30.0)
44.	Aldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
45.	Chloropyriphos	ppb	USEPA 1699-2007	BDL(MDL:30.0)
46.	Carboryl (Carbamate)	ppb	USEPA 1699-2007	BDL(MDL:0.01)
47.	Methyl Parathin	ppb	USEPA 1699-2007	BDL(MDL:0.3)
48.	Anilophos	ppb	USEPA 1699-2007	BDL(MDL:0.01)
49.	Malathian	ppb	USEPA 8081 B	BDL(MDL:190.0)
50.	Total Coliform	MPN/ 100 ml	APHA:9221 B 23 rd Edition (Page: 9-69)	>1600
51.	Fecal Coliform	MPN/ 100 ml	APHA:9222 D 23 rd Edition (Page: 9-89)	1600
52.	Fecal Streptococci	MPN/ 100 ml	IS:1622-1981 (R.A.-1996)	900

Statement of conformity:-

Remarks:

BDL: Below Detection Limit, MDL: Minimum Detection Limit

Mrs. Khushbu S. Gajjar
Technical Manager

Mr. Swastik R. Gajjar
Lab Manager(Q)

* End of Report *

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REPORT NUMBER: **EI/WW/0521/025**

DATE OF REPORT: **04-06-2021**

F/7.8/01/Issue No.01/Issue Date: 01-10-2018/ Amend No.:00 / Amend Date:-- / Page 2 of 2

TEST REPORT

REPORT NUMBER: EI/WW/0521/026**DATE OF REPORT: 04-06-2021****CLIENT NAME : POLLUTION CONTROL COMMITTEE,****Dadra and Nagar Haveli and Daman and Diu****ADDRESS : 1st Floor, Udyog Bhavan, Bhenslore, Daman- 396220,INDIA****SAMPLE DETAILS.**

Laboratory ID	: EI/WW/0521/026	Date of Sampling	: 28-05-2021
Sample Type	: Surface Water	Date of Sample Receipt	: 28-05-2021
Type of Sampling	: Grab	Sample Condition	: Good
Place of Sampling	: 100 meter Downstream of outlet of CETP, Vapi (from river)	Quantity of Sample Received	: 5 Liter
Description (GPS)	: N 20°20'31.52", E72°54'16.88"	Analysis Start Date	: 28-05-2021
Sampling Protocol / Standard	: IS3025 (Part 1):1987(R.A.2003)	Analysis End Date	: 04-06-2021
Sampling Conducted By	: Nimesh	Duration of Sampling	: -

Sl. No	PARAMETER	UNIT	TEST METHOD	RESULTS
1.	Temperature	°C	APHA:2550 B 23 rd Edition (Page: 2-74)	30.3
2.	pH @ 25°C	pH	APHA:4500 H ⁺ B 23 rd Edition (Page: 4-13)	7.51
3.	Conductivity	µs/cm	IS:3025 (Part-14)	1042
4.	Dissolve Oxygen	mg/L	IS:3025 (Part-38)	5.6
5.	Biological Oxygen Demand	mg/L	IS:3025 (Part-44)(3 Days at 27°C)	3.1
6.	Nitrate as N	mg/L	IS:3025 (Part-44)	0.4
7.	Ammonia as N	mg/L	APHA:4500 NH ₃ -B-C 23 rd Edition (Page: 4-114)	7.8
8.	Chemical Oxygen Demand	mg/L	APHA:5220 B 23 rd Edition (Page: 5-18)	13.2
9.	Total Kjeldahl Nitrogen	mg/L	IS:3025 (Part-34)	11.1
10.	Total Dissolve Solids	mg/L	APHA:2540 C 23 rd Edition (Page: 2-69)	656
11.	Total Fixed Solids	mg/L	IS:3025 (Part-18)	607
12.	Total Suspended Solids	mg/L	APHA:2540 B 23 rd Edition (Page: 2-70)	11
13.	Turbidity	NTU	IS:3025 (Part-10)	0.1
14.	Hardness	mg/L	IS:3025 (Part-21)	235.7
15.	Fluoride	mg/L	IS:3025 (Part-60)	BDL(MDL:0.1)
16.	Boron	mg/L	IS:3025 (Part-57)	ND
17.	Chloride	mg/L	APHA:4500 Cl ⁻ B 23 rd Edition (Page: 4-75)	201.4
18.	Sulphate	mg/L	IS:3025 (Part-28)	39.4
19.	Total Alkalinity	mg/L	IS:3025 (Part-23)	132
20.	P-Alkalinity	mg/L	IS:3025 (Part-23)	BDL(MDL:4.0)
21.	Phosphate	mg/L	IS:3550 -1965	3.0
22.	Sodium	mg/L	IS:3025 (Part-45)	97.5
23.	Potassium	mg/L	IS:3025 (Part-45)	5.9
24.	Calcium	mg/L	IS:3025 (Part-40)	61.7

25.	Magnesium	mg/L	IS:3025 (Part-46)	21.5
26.	Arsenic	mg/L	IS:3025 (Part-37)	BDL(MDL:0.01)
27.	Nickel	mg/L	IS:3025 (Part-54)	BDL(MDL:0.02)
28.	Copper	mg/L	IS:3025 (Part-42)	BDL(MDL:0.05)
29.	Mercury	mg/L	IS:3025 (Part-48)	BDL(MDL:0.001)
30.	Chromium	mg/L	IS:3025 (Part-52)	BDL(MDL:0.05)
31.	Cadmium	mg/L	IS:3025 (Part-41)	BDL(MDL:0.003)
32.	Zinc	mg/L	IS:3025 (Part-49)	BDL(MDL:0.05)
33.	Lead	mg/L	IS:3025 (Part-47)	BDL(MDL:0.01)
34.	Iron	mg/L	IS:3025 (Part-53)	BDL(MDL:0.01)
35.	Alpha BHC	ppb	USEPA 8081 A	BDL(MDL:0.01)
36.	Beta BHC	ppb	USEPA 8081 A	BDL(MDL:0.04)
37.	Gama BHC	ppb	USEPA 8081 A	BDL(MDL:2.0)
38.	OP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
39.	PP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
40.	Alpha Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
41.	Beta Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
42.	Dieldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
43.	2-4 D	ppb	USEPA 1699-2007	BDL(MDL:30.0)
44.	Aldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
45.	Chloropyriphos	ppb	USEPA 1699-2007	BDL(MDL:30.0)
46.	Carboryl (Carbamate)	ppb	USEPA 1699-2007	BDL(MDL:0.01)
47.	Methyl Parathin	ppb	USEPA 1699-2007	BDL(MDL:0.3)
48.	Anilophos	ppb	USEPA 1699-2007	BDL(MDL:0.01)
49.	Malathian	ppb	USEPA 8081 B	BDL(MDL:190.0)
50.	Total Coliform	MPN/ 100 ml	APHA:9221 B 23 rd Edition (Page: 9-69)	>1600
51.	Fecal Coliform	MPN/ 100 ml	APHA:9222 D 23 rd Edition (Page: 9-89)	1600
52.	Fecal Streptococci	MPN/ 100 ml	IS:1622-1981 (R.A.-1996)	105

Statement of conformity:-

Remarks:

BDL: Below Detection Limit, MDL: Minimum Detection Limit

Mrs. Khushbu S. Gajjar
Technical Manager

Mr. Swastik R. Gajjar
Lab Manager(Q)

* End of Report *

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REPORT NUMBER: **EI/WW/0521/026**

DATE OF REPORT: **04-06-2021**

F/7.8/01/Issue No.01/Issue Date: 01-10-2018/ Amend No.:00 / Amend Date:-- / Page 2 of 2

TEST REPORT

REPORT NUMBER: EI/WW/0521/027**DATE OF REPORT: 04-06-2021****CLIENT NAME : POLLUTION CONTROL COMMITTEE,****Dadra and Nagar Haveli and Daman and Diu****ADDRESS : 1st Floor, Udyog Bhavan, Bhenslore, Daman- 396220,INDIA****SAMPLE DETAILS.**

Laboratory ID : EI/WW/0521/027	Date of Sampling : 28-05-2021
Sample Type : Surface Water	Date of Sample Receipt : 28-05-2021
Type of Sampling : Grab	Sample Condition : Good
Place of Sampling : At Patalia Bridge(Kolak River)	Quantity of Sample Received : 5 Liter
Description (GPS) : N 20°27'41", E72°53'12.59"	Analysis Start Date : 28-05-2021
Sampling Protocol / Standard : IS3025 (Part 1):1987(R.A.2003)	Analysis End Date : 04-06-2021
Sampling Conducted By : Nimesh	Duration of Sampling : -

Sl. No	PARAMETER	UNIT	TEST METHOD	RESULTS
1.	Temperature	°C	APHA:2550 B 23 rd Edition (Page: 2-74)	28.6
2.	pH @ 25°C	pH	APHA:4500 H ⁺ B 23 rd Edition (Page: 4-13)	764
3.	Conductivity	µs/cm	IS:3025 (Part-14)	2895
4.	Dissolve Oxygen	mg/L	IS:3025 (Part-38)	5.7
5.	Biological Oxygen Demand	mg/L	IS:3025 (Part-44)(3 Days at 27°C)	2.9
6.	Nitrate as N	mg/L	IS:3025 (Part-44)	0.7
7.	Ammonia as N	mg/L	APHA:4500 NH ₃ -B-C 23 rd Edition (Page: 4-114)	2.2
8.	Chemical Oxygen Demand	mg/L	APHA:5220 B 23 rd Edition (Page: 5-18)	19.4
9.	Total Kjeldahl Nitrogen	mg/L	IS:3025 (Part-34)	7.5
10.	Total Dissolve Solids	mg/L	APHA:2540 C 23 rd Edition (Page: 2-69)	1823
11.	Total Fixed Solids	mg/L	IS:3025 (Part-18)	475
12.	Total Suspended Solids	mg/L	APHA:2540 B 23 rd Edition (Page: 2-70)	34
13.	Turbidity	NTU	IS:3025 (Part-10)	0.1
14.	Hardness	mg/L	IS:3025 (Part-21)	298
15.	Fluoride	mg/L	IS:3025 (Part-60)	BDL(MDL:0.1)
16.	Boron	mg/L	IS:3025 (Part-57)	ND
17.	Chloride	mg/L	APHA:4500 Cl ⁻ B 23 rd Edition (Page: 4-75)	653.5
18.	Sulphate	mg/L	IS:3025 (Part-28)	332.2
19.	Total Alkalinity	mg/L	IS:3025 (Part-23)	143
20.	P-Alkalinity	mg/L	IS:3025 (Part-23)	BDL(MDL:4.0)
21.	Phosphate	mg/L	IS:3550 -1965	0.4
22.	Sodium	mg/L	IS:3025 (Part-45)	612
23.	Potassium	mg/L	IS:3025 (Part-45)	28.9
24.	Calcium	mg/L	IS:3025 (Part-40)	56.6
25.	Magnesium	mg/L	IS:3025 (Part-46)	53.6
26.	Arsenic	mg/L	IS:3025 (Part-37)	BDL(MDL:0.01)

27.	Nickel	mg/L	IS:3025 (Part-54)	BDL(MDL:0.02)
28.	Copper	mg/L	IS:3025 (Part-42)	BDL(MDL:0.05)
29.	Mercury	mg/L	IS:3025 (Part-48)	BDL(MDL:0.001)
30.	Chromium	mg/L	IS:3025 (Part-52)	BDL(MDL:0.05)
31.	Cadmium	mg/L	IS:3025 (Part-41)	0.034
32.	Zinc	mg/L	IS:3025 (Part-49)	BDL(MDL:0.05)
33.	Lead	mg/L	IS:3025 (Part-47)	BDL(MDL:0.01)
34.	Iron	mg/L	IS:3025 (Part-53)	0.113
35.	Alpha BHC	ppb	USEPA 8081 A	BDL(MDL:0.01)
36.	Beta BHC	ppb	USEPA 8081 A	BDL(MDL:0.04)
37.	Gama BHC	ppb	USEPA 8081 A	BDL(MDL:2.0)
38.	OP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
39.	PP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
40.	Alpha Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
41.	Beta Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
42.	Dieldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
43.	2-4 D	ppb	USEPA 1699-2007	BDL(MDL:30.0)
44.	Aldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
45.	Chloropyriphos	ppb	USEPA 1699-2007	BDL(MDL:30.0)
46.	Carboryl (Carbamate)	ppb	USEPA 1699-2007	BDL(MDL:0.01)
47.	Methyl Parathin	ppb	USEPA 1699-2007	BDL(MDL:0.3)
48.	Anilophos	ppb	USEPA 1699-2007	BDL(MDL:0.01)
49.	Malathian	ppb	USEPA 8081 B	BDL(MDL:190.0)
50.	Total Coliform	MPN/ 100 ml	APHA:9221 B 23 rd Edition (Page: 9-69)	>1600
51.	Fecal Coliform	MPN/ 100 ml	APHA:9222 D 23 rd Edition (Page: 9-89)	1600
52.	Fecal Streptococci	MPN/ 100 ml	IS:1622-1981 (R.A.-1996)	227

Statement of conformity:-

Remarks:

BDL: Below Detection Limit, MDL: Minimum Detection Limit

Mrs. Khushbu S. Gajjar
Technical Manager

Mr. Swastik R. Gajjar
Lab Manager(Q)

* End of Report *

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REPORT NUMBER: **EI/WW/0521/027**

DATE OF REPORT: **04-06-2021**

F/7.8/01/Issue No.01/Issue Date: 01-10-2018/ Amend No.:00 / Amend Date:-- / Page 2 of 2

TEST REPORT

REPORT NUMBER: EI/WW/0521/028**DATE OF REPORT: 04-06-2021****CLIENT NAME : POLLUTION CONTROL COMMITTEE,****Dadra and Nagar Haveli and Daman and Diu****ADDRESS : 1st Floor, Udyog Bhavan, Bhenslore, Daman- 396220,INDIA****SAMPLE DETAILS.**

Laboratory ID	: EI/WW/0521/028	Date of Sampling	: 28-05-2021
Sample Type	: Surface Water	Date of Sample Receipt	: 28-05-2021
Type of Sampling	: Grab	Sample Condition	: Good
Place of Sampling	: At N.H.No.8,Vapi (Kolak River)	Quantity of Sample Received	: 5 Liter
Description (GPS)	: N 20°25'24.2", E72°54'57.28"	Analysis Start Date	: 28-05-2021
Sampling Protocol / Standard	: IS3025 (Part 1):1987(R.A.2003)	Analysis End Date	: 04-06-2021
Sampling Conducted By	: Nimesh	Duration of Sampling	: -

Sl. No	PARAMETER	UNIT	TEST METHOD	RESULTS
1.	Temperature	°C	APHA:2550 B 23 rd Edition (Page: 2-74)	30.1
2.	pH @ 25°C	pH	APHA:4500 H ⁺ B 23 rd Edition (Page: 4-13)	7.7
3.	Conductivity	µs/cm	IS:3025 (Part-14)	234.8
4.	Dissolve Oxygen	mg/L	IS:3025 (Part-38)	6.6
5.	Biological Oxygen Demand	mg/L	IS:3025 (Part-44)(3 Days at 27°C)	4.2
6.	Nitrate as N	mg/L	IS:3025 (Part-44)	0.8
7.	Ammonia as N	mg/L	APHA:4500 NH ₃ -B-C 23 rd Edition (Page: 4-114)	2.1
8.	Chemical Oxygen Demand	mg/L	APHA:5220 B 23 rd Edition (Page: 5-18)	21.6
9.	Total Kjeldahl Nitrogen	mg/L	IS:3025 (Part-34)	BDL(MDL:2.0)
10.	Total Dissolve Solids	mg/L	APHA:2540 C 23 rd Edition (Page: 2-69)	150
11.	Total Fixed Solids	mg/L	IS:3025 (Part-18)	98
12.	Total Suspended Solids	mg/L	APHA:2540 B 23 rd Edition (Page: 2-70)	10
13.	Turbidity	NTU	IS:3025 (Part-10)	1
14.	Hardness	mg/L	IS:3025 (Part-21)	90.4
15.	Fluoride	mg/L	IS:3025 (Part-60)	BDL(MDL:0.1)
16.	Boron	mg/L	IS:3025 (Part-57)	ND
17.	Chloride	mg/L	APHA:4500 Cl ⁻ B 23 rd Edition (Page: 4-75)	3.7
18.	Sulphate	mg/L	IS:3025 (Part-28)	3.1
19.	Total Alkalinity	mg/L	IS:3025 (Part-23)	84
20.	P-Alkalinity	mg/L	IS:3025 (Part-23)	BDL(MDL:4.0)
21.	Phosphate	mg/L	IS:3550 -1965	0.18
22.	Sodium	mg/L	IS:3025 (Part-45)	11.6
23.	Potassium	mg/L	IS:3025 (Part-45)	BDL(MDL:1.0)
24.	Calcium	mg/L	IS:3025 (Part-40)	21.5
25.	Magnesium	mg/L	IS:3025 (Part-46)	6.3

26.	Arsenic	mg/L	IS:3025 (Part-37)	BDL(MDL:0.01)
27.	Nickel	mg/L	IS:3025 (Part-54)	BDL(MDL:0.02)
28.	Copper	mg/L	IS:3025 (Part-42)	BDL(MDL:0.05)
29.	Mercury	mg/L	IS:3025 (Part-48)	BDL(MDL:0.001)
30.	Chromium	mg/L	IS:3025 (Part-52)	BDL(MDL:0.05)
31.	Cadmium	mg/L	IS:3025 (Part-41)	BDL(MDL:0.003)
32.	Zinc	mg/L	IS:3025 (Part-49)	BDL(MDL:0.05)
33.	Lead	mg/L	IS:3025 (Part-47)	BDL(MDL:0.01)
34.	Iron	mg/L	IS:3025 (Part-53)	0.22
35.	Alpha BHC	ppb	USEPA 8081 A	BDL(MDL:0.01)
36.	Beta BHC	ppb	USEPA 8081 A	BDL(MDL:0.04)
37.	Gama BHC	ppb	USEPA 8081 A	BDL(MDL:2.0)
38.	OP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
39.	PP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
40.	Alpha Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
41.	Beta Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
42.	Dieldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
43.	2-4 D	ppb	USEPA 1699-2007	BDL(MDL:30.0)
44.	Aldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
45.	Chloropyriphos	ppb	USEPA 1699-2007	BDL(MDL:30.0)
46.	Carboryl (Carbamate)	ppb	USEPA 1699-2007	BDL(MDL:0.01)
47.	Methyl Parathin	ppb	USEPA 1699-2007	BDL(MDL:0.3)
48.	Anilophos	ppb	USEPA 1699-2007	BDL(MDL:0.01)
49.	Malathian	ppb	USEPA 8081 B	BDL(MDL:190.0)
50.	Total Coliform	MPN/ 100 ml	APHA:9221 B 23 rd Edition (Page: 9-69)	243
51.	Fecal Coliform	MPN/ 100 ml	APHA:9222 D 23 rd Edition (Page: 9-89)	118
52.	Fecal Streptococci	MPN/ 100 ml	IS:1622-1981 (R.A.-1996)	35

Statement of conformity:-

Remarks:

BDL: Below Detection Limit, MDL: Minimum Detection Limit

Mrs. Khushbu S. Gajjar
Technical Manager

Mr. Swastik R. Gajjar
Lab Manager(Q)

* End of Report *

- 1) The results relate only to the items tested.
- 2) This test report shall not be reproduced except in full, without approval of the laboratory can provide assurance that parts of a report are not taken out of context.

REPORT NUMBER: **EI/WW/0521/028**

DATE OF REPORT: **04-06-2021**

F/7.8/01/Issue No.01/Issue Date: 01-10-2018/ Amend No.:00 / Amend Date:-- / Page 2 of 2

TEST REPORT

REPORT NUMBER: EI/WW/0621/005**DATE OF REPORT: 02-07-2021****CLIENT NAME : POLLUTION CONTROL COMMITTEE,****Dadra and Nagar Haveli and Daman and Diu****ADDRESS : 1st Floor, Udyog Bhavan, Bhenslore, Daman- 396220,INDIA****SAMPLE DETAILS.**

Laboratory ID : EI/WW/0621/005	Date of Sampling : 25-06-2021
Sample Type : Surface Water	Date of Sample Receipt : 25-06-2021
Type of Sampling : Grab	Sample Condition : Good
Place of Sampling : D/s of Madhuban Dam	Quantity of Sample Received : 5 Liter
Description (GPS) : N 20°12'57", E 73°2'29"	Analysis Start Date : 25-06-2021
Sampling Protocol / Standard : IS3025 (Part 1):1987(R.A.2003)	Analysis End Date : 02-07-2021
Sampling Conducted By : Nimesh	Duration of Sampling : -

Sl. No	PARAMETER	UNIT	TEST METHOD	RESULTS
1.	Temperature	°C	APHA:2550 B 23 rd Edition (Page: 2-74)	27.2
2.	pH @ 25°C	pH	APHA:4500 H ⁺ B 23 rd Edition (Page: 4-13)	7.97
3.	Conductivity	µs/cm	IS:3025 (Part-14)	123
4.	Dissolve Oxygen	mg/L	IS:3025 (Part-38)	7.2
5.	Biological Oxygen Demand	mg/L	IS:3025 (Part-44)(3 Days at 27°C)	BDL(MDL:1.0)
6.	Nitrate as N	mg/L	IS:3025 (Part-44)	BDL(MDL:0.1)
7.	Ammonia as N	mg/L	APHA:4500 NH ₃ -B-C 23 rd Edition (Page: 4-114)	BDL(MDL:2.0)
8.	Chemical Oxygen Demand	mg/L	APHA:5220 B 23 rd Edition (Page: 5-18)	BDL(MDL:2.0)
9.	Total Kjeldahl Nitrogen	mg/L	IS:3025 (Part-34)	BDL(MDL:2.0)
10.	Total Dissolve Solids	mg/L	APHA:2540 C 23 rd Edition (Page: 2-69)	75
11.	Total Fixed Solids	mg/L	IS:3025 (Part-18)	102
12.	Total Suspended Solids	mg/L	APHA:2540 B 23 rd Edition (Page: 2-70)	BDL(MDL:4.0)
13.	Turbidity	NTU	IS:3025 (Part-10)	0.1
14.	Hardness	mg/L	IS:3025 (Part-21)	75
15.	Fluoride	mg/L	IS:3025 (Part-60)	BDL(MDL:0.1)
16.	Boron	mg/L	IS:3025 (Part-57)	ND
17.	Chloride	mg/L	APHA:4500 Cl ⁻ B 23 rd Edition (Page: 4-75)	6.8
18.	Sulphate	mg/L	IS:3025 (Part-28)	3.5
19.	Total Alkalinity	mg/L	IS:3025 (Part-23)	72
20.	P-Alkalinity	mg/L	IS:3025 (Part-23)	BDL(MDL:4.0)
21.	Phosphate	mg/L	IS:3550 -1965	BDL(MDL:0.1)
22.	Sodium	mg/L	IS:3025 (Part-45)	16.5
23.	Potassium	mg/L	IS:3025 (Part-45)	BDL(MDL:1.0)
24.	Calcium	mg/L	IS:3025 (Part-40)	13.8
25.	Magnesium	mg/L	IS:3025 (Part-46)	4.6
26.	Arsenic	mg/L	IS:3025 (Part-37)	BDL(MDL:0.01)

27.	Nickel	mg/L	IS:3025 (Part-54)	BDL(MDL:0.02)
28.	Copper	mg/L	IS:3025 (Part-42)	BDL(MDL:0.05)
29.	Mercury	mg/L	IS:3025 (Part-48)	BDL(MDL:0.001)
30.	Chromium	mg/L	IS:3025 (Part-52)	BDL(MDL:0.05)
31.	Cadmium	mg/L	IS:3025 (Part-41)	BDL(MDL:0.003)
32.	Zinc	mg/L	IS:3025 (Part-49)	BDL(MDL:0.05)
33.	Lead	mg/L	IS:3025 (Part-47)	BDL(MDL:0.01)
34.	Iron	mg/L	IS:3025 (Part-53)	BDL(MDL:0.01)
35.	Alpha BHC	ppb	USEPA 8081 A	BDL(MDL:0.01)
36.	Beta BHC	ppb	USEPA 8081 A	BDL(MDL:0.04)
37.	Gama BHC	ppb	USEPA 8081 A	BDL(MDL:2.0)
38.	OP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
39.	PP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
40.	Alpha Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
41.	Beta Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
42.	Dieldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
43.	2-4 D	ppb	USEPA 1699-2007	BDL(MDL:30.0)
44.	Aldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
45.	Chloropyriphos	ppb	USEPA 1699-2007	BDL(MDL:30.0)
46.	Carboryl (Carbamate)	ppb	USEPA 1699-2007	BDL(MDL:0.01)
47.	Methyl Parathin	ppb	USEPA 1699-2007	BDL(MDL:0.3)
48.	Anilophos	ppb	USEPA 1699-2007	BDL(MDL:0.01)
49.	Malathian	ppb	USEPA 8081 B	BDL(MDL:190.0)
50.	Total Coliform	MPN/ 100 ml	APHA:9221 B 23 rd Edition (Page: 9-69)	38
51.	Fecal Coliform	MPN/ 100 ml	APHA:9222 D 23 rd Edition (Page: 9-89)	6
52.	Fecal Streptococci	MPN/ 100 ml	IS:1622-1981 (R.A.-1996)	3

Statement of conformity:-

Remarks:

BDL: Below Detection Limit, MDL: Minimum Detection Limit

Mrs. Khushbu S. Gajjar
Technical Manager

Mr. Swastik R. Gajjar
Lab Manager(Q)

* End of Report *

- 1) The results relate only to the items tested.
- 2) This test report shall not be reproduced except in full, without approval of the laboratory can provide assurance that parts of a report are not taken out of context.

REPORT NUMBER: **EI/WW/0621/005**

DATE OF REPORT: **02-07-2021**

F/7.8/01/Issue No.01/Issue Date: 01-10-2018/ Amend No.:00 / Amend Date:-- / Page 2 of 2

TEST REPORT

REPORT NUMBER: EI/WW/0621/006**DATE OF REPORT: 02-07-2021****CLIENT NAME : POLLUTION CONTROL COMMITTEE,****Dadra and Nagar Haveli and Daman and Diu****ADDRESS : 1st Floor, Udyog Bhavan, Bhenslore, Daman- 396220,INDIA****SAMPLE DETAILS.**

Laboratory ID : EI/WW/0621/006	Date of Sampling : 25-06-2021
Sample Type : Surface Water	Date of Sample Receipt : 25-06-2021
Type of Sampling : Grab	Sample Condition : Good
Place of Sampling : D/s of Naroli Bridge,Silvassa,DNH	Quantity of Sample Received : 5 Liter
Description (GPS) : N 20°16'7", E 72°59'21"	Analysis Start Date : 25-06-2021
Sampling Protocol / Standard : IS3025 (Part 1):1987(R.A.2003)	Analysis End Date : 02-07-2021
Sampling Conducted By : Nimesh	Duration of Sampling : -

Sl. No	PARAMETER	UNIT	TEST METHOD	RESULTS
1.	Temperature	°C	APHA:2550 B 23 rd Edition (Page: 2-74)	27.5
2.	pH @ 25°C	pH	APHA:4500 H ⁺ B 23 rd Edition (Page: 4-13)	7.92
3.	Conductivity	µs/cm	IS:3025 (Part-14)	253
4.	Dissolve Oxygen	mg/L	IS:3025 (Part-38)	6.6
5.	Biological Oxygen Demand	mg/L	IS:3025 (Part-44)(3 Days at 27°C)	BDL(MDL:1.0)
6.	Nitrate as N	mg/L	IS:3025 (Part-44)	0.3
7.	Ammonia as N	mg/L	APHA:4500 NH ₃ -B-C 23 rd Edition (Page: 4-114)	BDL(MDL:2.0)
8.	Chemical Oxygen Demand	mg/L	APHA:5220 B 23 rd Edition (Page: 5-18)	BDL(MDL:2.0)
9.	Total Kjeldahl Nitrogen	mg/L	IS:3025 (Part-34)	BDL(MDL:2.0)
10.	Total Dissolve Solids	mg/L	APHA:2540 C 23 rd Edition (Page: 2-69)	167
11.	Total Fixed Solids	mg/L	IS:3025 (Part-18)	98
12.	Total Suspended Solids	mg/L	APHA:2540 B 23 rd Edition (Page: 2-70)	5
13.	Turbidity	NTU	IS:3025 (Part-10)	0.1
14.	Hardness	mg/L	IS:3025 (Part-21)	77
15.	Fluoride	mg/L	IS:3025 (Part-60)	BDL(MDL:0.1)
16.	Boron	mg/L	IS:3025 (Part-57)	ND
17.	Chloride	mg/L	APHA:4500 Cl ⁻ B 23 rd Edition (Page: 4-75)	7.6
18.	Sulphate	mg/L	IS:3025 (Part-28)	4.3
19.	Total Alkalinity	mg/L	IS:3025 (Part-23)	80
20.	P-Alkalinity	mg/L	IS:3025 (Part-23)	BDL(MDL:4.0)
21.	Phosphate	mg/L	IS:3550 -1965	BDL(MDL:0.1)
22.	Sodium	mg/L	IS:3025 (Part-45)	17.6
23.	Potassium	mg/L	IS:3025 (Part-45)	BDL(MDL:1.0)
24.	Calcium	mg/L	IS:3025 (Part-40)	16.9
25.	Magnesium	mg/L	IS:3025 (Part-46)	6.8

26.	Arsenic	mg/L	IS:3025 (Part-37)	BDL(MDL:0.01)
27.	Nickel	mg/L	IS:3025 (Part-54)	BDL(MDL:0.02)
28.	Copper	mg/L	IS:3025 (Part-42)	BDL(MDL:0.05)
29.	Mercury	mg/L	IS:3025 (Part-48)	BDL(MDL:0.001)
30.	Chromium	mg/L	IS:3025 (Part-52)	BDL(MDL:0.05)
31.	Cadmium	mg/L	IS:3025 (Part-41)	BDL(MDL:0.003)
32.	Zinc	mg/L	IS:3025 (Part-49)	0.64
33.	Lead	mg/L	IS:3025 (Part-47)	BDL(MDL:0.01)
34.	Iron	mg/L	IS:3025 (Part-53)	BDL(MDL:0.01)
35.	Alpha BHC	ppb	USEPA 8081 A	BDL(MDL:0.01)
36.	Beta BHC	ppb	USEPA 8081 A	BDL(MDL:0.04)
37.	Gama BHC	ppb	USEPA 8081 A	BDL(MDL:2.0)
38.	OP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
39.	PP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
40.	Alpha Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
41.	Beta Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
42.	Dieldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
43.	2-4 D	ppb	USEPA 1699-2007	BDL(MDL:30.0)
44.	Aldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
45.	Chloropyriphos	ppb	USEPA 1699-2007	BDL(MDL:30.0)
46.	Carboryl (Carbamate)	ppb	USEPA 1699-2007	BDL(MDL:0.01)
47.	Methyl Parathin	ppb	USEPA 1699-2007	BDL(MDL:0.3)
48.	Anilophos	ppb	USEPA 1699-2007	BDL(MDL:0.01)
49.	Malathian	ppb	USEPA 8081 B	BDL(MDL:190.0)
50.	Total Coliform	MPN/ 100 ml	APHA:9221 B 23 rd Edition (Page: 9-69)	38
51.	Fecal Coliform	MPN/ 100 ml	APHA:9222 D 23 rd Edition (Page: 9-89)	14
52.	Fecal Streptococci	MPN/ 100 ml	IS:1622-1981 (R.A.-1996)	4

Statement of conformity:-

Remarks:

BDL: Below Detection Limit, MDL: Minimum Detection Limit

Mrs. Khushbu S. Gajjar
Technical Manager

Mr. Swastik R. Gajjar
Lab Manager(Q)

* End of Report *

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- 2) This test report shall not be reproduced except in full, without approval of the laboratory can provide assurance that parts of a report are not taken out of context.

REPORT NUMBER: **EI/WW/0621/006**

DATE OF REPORT: **02-07-2021**

F/7.8/01/Issue No.01/Issue Date: 01-10-2018/ Amend No.:00 / Amend Date:-- / Page 2 of 2

TEST REPORT

REPORT NUMBER: EI/WW/0621/007**DATE OF REPORT: 02-07-2021****CLIENT NAME : POLLUTION CONTROL COMMITTEE,****Dadra and Nagar Haveli and Daman and Diu****ADDRESS : 1st Floor, Udyog Bhavan, Bhenslore, Daman- 396220,INDIA****SAMPLE DETAILS.**

Laboratory ID : EI/WW/0621/007	Date of Sampling : 25-06-2021
Sample Type : Surface Water	Date of Sample Receipt : 25-06-2021
Type of Sampling : Grab	Sample Condition : Good
Place of Sampling : At Lawacha Temple	Quantity of Sample Received : 5 Liter
Description (GPS) : N 20°18'33.2", E 72°57'35.9"	Analysis Start Date : 25-06-2021
Sampling Protocol / Standard : IS3025 (Part 1):1987(R.A.2003)	Analysis End Date : 02-07-2021
Sampling Conducted By : Nimesh	Duration of Sampling : -

Sl. No	PARAMETER	UNIT	TEST METHOD	RESULTS
1.	Temperature	°C	APHA:2550 B 23 rd Edition (Page: 2-74)	28.1
2.	pH @ 25°C	pH	APHA:4500 H ⁺ B 23 rd Edition (Page: 4-13)	7.97
3.	Conductivity	µs/cm	IS:3025 (Part-14)	264
4.	Dissolve Oxygen	mg/L	IS:3025 (Part-38)	6.7
5.	Biological Oxygen Demand	mg/L	IS:3025 (Part-44)(3 Days at 27°C)	BDL(MDL:1.0)
6.	Nitrate as N	mg/L	IS:3025 (Part-44)	BDL(MDL:0.1)
7.	Ammonia as N	mg/L	APHA:4500 NH ₃ -B-C 23 rd Edition (Page: 4-114)	BDL(MDL:2.0)
8.	Chemical Oxygen Demand	mg/L	APHA:5220 B 23 rd Edition (Page: 5-18)	BDL(MDL:2.0)
9.	Total Kjeldahl Nitrogen	mg/L	IS:3025 (Part-34)	BDL(MDL:2.0)
10.	Total Dissolve Solids	mg/L	APHA:2540 C 23 rd Edition (Page: 2-69)	173
11.	Total Fixed Solids	mg/L	IS:3025 (Part-18)	104
12.	Total Suspended Solids	mg/L	APHA:2540 B 23 rd Edition (Page: 2-70)	BDL(MDL:4.0)
13.	Turbidity	NTU	IS:3025 (Part-10)	0.1
14.	Hardness	mg/L	IS:3025 (Part-21)	80.2
15.	Fluoride	mg/L	IS:3025 (Part-60)	0.23
16.	Boron	mg/L	IS:3025 (Part-57)	ND
17.	Chloride	mg/L	APHA:4500 Cl ⁻ B 23 rd Edition (Page: 4-75)	13.5
18.	Sulphate	mg/L	IS:3025 (Part-28)	3.4
19.	Total Alkalinity	mg/L	IS:3025 (Part-23)	88
20.	P-Alkalinity	mg/L	IS:3025 (Part-23)	BDL(MDL:4.0)
21.	Phosphate	mg/L	IS:3550 -1965	0.12
22.	Sodium	mg/L	IS:3025 (Part-45)	18.6
23.	Potassium	mg/L	IS:3025 (Part-45)	BDL(MDL:1.0)
24.	Calcium	mg/L	IS:3025 (Part-40)	19.7
25.	Magnesium	mg/L	IS:3025 (Part-46)	6.9
26.	Arsenic	mg/L	IS:3025 (Part-37)	BDL(MDL:0.01)

27.	Nickel	mg/L	IS:3025 (Part-54)	BDL(MDL:0.02)
28.	Copper	mg/L	IS:3025 (Part-42)	BDL(MDL:0.05)
29.	Mercury	mg/L	IS:3025 (Part-48)	BDL(MDL:0.001)
30.	Chromium	mg/L	IS:3025 (Part-52)	BDL(MDL:0.05)
31.	Cadmium	mg/L	IS:3025 (Part-41)	BDL(MDL:0.003)
32.	Zinc	mg/L	IS:3025 (Part-49)	BDL(MDL:0.05)
33.	Lead	mg/L	IS:3025 (Part-47)	BDL(MDL:0.01)
34.	Iron	mg/L	IS:3025 (Part-53)	BDL(MDL:0.01)
35.	Alpha BHC	ppb	USEPA 8081 A	BDL(MDL:0.01)
36.	Beta BHC	ppb	USEPA 8081 A	BDL(MDL:0.04)
37.	Gama BHC	ppb	USEPA 8081 A	BDL(MDL:2.0)
38.	OP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
39.	PP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
40.	Alpha Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
41.	Beta Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
42.	Dieldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
43.	2-4 D	ppb	USEPA 1699-2007	BDL(MDL:30.0)
44.	Aldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
45.	Chloropyriphos	ppb	USEPA 1699-2007	BDL(MDL:30.0)
46.	Carboryl (Carbamate)	ppb	USEPA 1699-2007	BDL(MDL:0.01)
47.	Methyl Parathin	ppb	USEPA 1699-2007	BDL(MDL:0.3)
48.	Anilophos	ppb	USEPA 1699-2007	BDL(MDL:0.01)
49.	Malathian	ppb	USEPA 8081 B	BDL(MDL:190.0)
50.	Total Coliform	MPN/ 100 ml	APHA:9221 B 23 rd Edition (Page: 9-69)	89
51.	Fecal Coliform	MPN/ 100 ml	APHA:9222 D 23 rd Edition (Page: 9-89)	38
52.	Fecal Streptococci	MPN/ 100 ml	IS:1622-1981 (R.A.-1996)	12

Statement of conformity:-

Remarks:

BDL: Below Detection Limit, MDL: Minimum Detection Limit

Mrs. Khushbu S. Gajjar
Technical Manager

Mr. Swastik R. Gajjar
Lab Manager(Q)

* End of Report *

- 1) The results relate only to the items tested.
- 2) This test report shall not be reproduced except in full, without approval of the laboratory can provide assurance that parts of a report are not taken out of context.

REPORT NUMBER: **EI/WW/0621/007**

DATE OF REPORT: **02-07-2021**

F/7.8/01/Issue No.01/Issue Date: 01-10-2018/ Amend No.:00 / Amend Date:-- / Page 2 of 2

TEST REPORT

REPORT NUMBER: EI/WW/0621/008**DATE OF REPORT: 02-07-2021****CLIENT NAME : POLLUTION CONTROL COMMITTEE,****Dadra and Nagar Haveli and Daman and Diu****ADDRESS : 1st Floor, Udyog Bhavan, Bhenslore, Daman- 396220,INDIA****SAMPLE DETAILS.**

Laboratory ID : EI/WW/0621/008	Date of Sampling : 25-06-2021
Sample Type : Surface Water	Date of Sample Receipt : 25-06-2021
Type of Sampling : Grab	Sample Condition : Good
Place of Sampling : Near Surat Beverages, Dadra,DNH	Quantity of Sample Received : 5 Liter
Description (GPS) : N 20°18'33.2568" E72°57'35.8122"	Analysis Start Date : 25-06-2021
Sampling Protocol / Standard : IS3025 (Part 1):1987(R.A.2003)	Analysis End Date : 02-07-2021
Sampling Conducted By : Nimesh	Duration of Sampling : -

Sl. No	PARAMETER	UNIT	TEST METHOD	RESULTS
1.	Temperature	°C	APHA:2550 B 23 rd Edition (Page: 2-74)	28.2
2.	pH @ 25°C	pH	APHA:4500 H ⁺ B 23 rd Edition (Page: 4-13)	7.77
3.	Conductivity	µs/cm	IS:3025 (Part-14)	286
4.	Dissolve Oxygen	mg/L	IS:3025 (Part-38)	6.8
5.	Biological Oxygen Demand	mg/L	IS:3025 (Part-44)(3 Days at 27°C)	BDL(MDL:1.0)
6.	Nitrate as N	mg/L	IS:3025 (Part-44)	0.4
7.	Ammonia as N	mg/L	APHA:4500 NH ₃ -B-C 23 rd Edition (Page: 4-114)	BDL(MDL:2.0)
8.	Chemical Oxygen Demand	mg/L	APHA:5220 B 23 rd Edition (Page: 5-18)	BDL(MDL:2.0)
9.	Total Kjeldahl Nitrogen	mg/L	IS:3025 (Part-34)	BDL(MDL:2.0)
10.	Total Dissolve Solids	mg/L	APHA:2540 C 23 rd Edition (Page: 2-69)	181
11.	Total Fixed Solids	mg/L	IS:3025 (Part-18)	112
12.	Total Suspended Solids	mg/L	APHA:2540 B 23 rd Edition (Page: 2-70)	7
13.	Turbidity	NTU	IS:3025 (Part-10)	0.1
14.	Hardness	mg/L	IS:3025 (Part-21)	84.1
15.	Fluoride	mg/L	IS:3025 (Part-60)	BDL(MDL:0.1)
16.	Boron	mg/L	IS:3025 (Part-57)	ND
17.	Chloride	mg/L	APHA:4500 Cl ⁻ B 23 rd Edition (Page: 4-75)	13.9
18.	Sulphate	mg/L	IS:3025 (Part-28)	2.1
19.	Total Alkalinity	mg/L	IS:3025 (Part-23)	84
20.	P-Alkalinity	mg/L	IS:3025 (Part-23)	BDL(MDL:4.0)
21.	Phosphate	mg/L	IS:3550 -1965	BDL(MDL:0.1)
22.	Sodium	mg/L	IS:3025 (Part-45)	15.7
23.	Potassium	mg/L	IS:3025 (Part-45)	BDL(MDL:1.0)
24.	Calcium	mg/L	IS:3025 (Part-40)	22.5
25.	Magnesium	mg/L	IS:3025 (Part-46)	7.3

26.	Arsenic	mg/L	IS:3025 (Part-37)	BDL(MDL:0.01)
27.	Nickel	mg/L	IS:3025 (Part-54)	BDL(MDL:0.02)
28.	Copper	mg/L	IS:3025 (Part-42)	BDL(MDL:0.05)
29.	Mercury	mg/L	IS:3025 (Part-48)	BDL(MDL:0.001)
30.	Chromium	mg/L	IS:3025 (Part-52)	BDL(MDL:0.05)
31.	Cadmium	mg/L	IS:3025 (Part-41)	BDL(MDL:0.003)
32.	Zinc	mg/L	IS:3025 (Part-49)	BDL(MDL:0.05)
33.	Lead	mg/L	IS:3025 (Part-47)	BDL(MDL:0.01)
34.	Iron	mg/L	IS:3025 (Part-53)	BDL(MDL:0.01)
35.	Alpha BHC	ppb	USEPA 8081 A	BDL(MDL:0.01)
36.	Beta BHC	ppb	USEPA 8081 A	BDL(MDL:0.04)
37.	Gama BHC	ppb	USEPA 8081 A	BDL(MDL:2.0)
38.	OP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
39.	PP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
40.	Alpha Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
41.	Beta Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
42.	Dieldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
43.	2-4 D	ppb	USEPA 1699-2007	BDL(MDL:30.0)
44.	Aldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
45.	Chloropyriphos	ppb	USEPA 1699-2007	BDL(MDL:30.0)
46.	Carboryl (Carbamate)	ppb	USEPA 1699-2007	BDL(MDL:0.01)
47.	Methyl Parathin	ppb	USEPA 1699-2007	BDL(MDL:0.3)
48.	Anilophos	ppb	USEPA 1699-2007	BDL(MDL:0.01)
49.	Malathian	ppb	USEPA 8081 B	BDL(MDL:190.0)
50.	Total Coliform	MPN/ 100 ml	APHA:9221 B 23 rd Edition (Page: 9-69)	68
51.	Fecal Coliform	MPN/ 100 ml	APHA:9222 D 23 rd Edition (Page: 9-89)	14
52.	Fecal Streptococci	MPN/ 100 ml	IS:1622-1981 (R.A.-1996)	4

Statement of conformity:-

Remarks:

BDL: Below Detection Limit, MDL: Minimum Detection Limit

Mrs. Khushbu S. Gajjar
Technical Manager

Mr. Swastik R. Gajjar
Lab Manager(Q)

* End of Report *

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REPORT NUMBER: **EI/WW/0621/008**

DATE OF REPORT: **02-07-2021**

F/7.8/01/Issue No.01/Issue Date: 01-10-2018/ Amend No.:00 / Amend Date:-- / Page 2 of 2

TEST REPORT

REPORT NUMBER: EI/WW/0621/009**DATE OF REPORT: 02-07-2021****CLIENT NAME : POLLUTION CONTROL COMMITTEE,****Dadra and Nagar Haveli and Daman and Diu****ADDRESS : 1st Floor, Udyog Bhavan, Bhenslore, Daman- 396220,INDIA****SAMPLE DETAILS.**

Laboratory ID	: EI/WW/0621/009	Date of Sampling	: 25-06-2021
Sample Type	: Surface Water	Date of Sample Receipt	: 25-06-2021
Type of Sampling	: Grab	Sample Condition	: Good
Place of Sampling	: At Vapi Weir, Vapi	Quantity of Sample Received	: 5 Liter
Description (GPS)	: N 20°20'23.42", E 72°54'34.49"	Analysis Start Date	: 25-06-2021
Sampling Protocol / Standard	: IS3025 (Part 1):1987(R.A.2003)	Analysis End Date	: 02-07-2021
Sampling Conducted By	: Nimesh	Duration of Sampling	: -

Sl. No	PARAMETER	UNIT	TEST METHOD	RESULTS
1.	Temperature	°C	APHA:2550 B 23 rd Edition (Page: 2-74)	28.5
2.	pH @ 25°C	pH	APHA:4500 H ⁺ B 23 rd Edition (Page: 4-13)	7.72
3.	Conductivity	µs/cm	IS:3025 (Part-14)	295
4.	Dissolve Oxygen	mg/L	IS:3025 (Part-38)	4.8
5.	Biological Oxygen Demand	mg/L	IS:3025 (Part-44)(3 Days at 27°C)	BDL(MDL:1.0)
6.	Nitrate as N	mg/L	IS:3025 (Part-44)	2
7.	Ammonia as N	mg/L	APHA:4500 NH ₃ -B-C 23 rd Edition (Page: 4-114)	BDL(MDL:2.0)
8.	Chemical Oxygen Demand	mg/L	APHA:5220 B 23 rd Edition (Page: 5-18)	9.2
9.	Total Kjeldahl Nitrogen	mg/L	IS:3025 (Part-34)	BDL(MDL:2.0)
10.	Total Dissolve Solids	mg/L	APHA:2540 C 23 rd Edition (Page: 2-69)	205
11.	Total Fixed Solids	mg/L	IS:3025 (Part-18)	124
12.	Total Suspended Solids	mg/L	APHA:2540 B 23 rd Edition (Page: 2-70)	BDL(MDL:4.0)
13.	Turbidity	NTU	IS:3025 (Part-10)	0.1
14.	Hardness	mg/L	IS:3025 (Part-21)	94
15.	Fluoride	mg/L	IS:3025 (Part-60)	BDL(MDL:0.1)
16.	Boron	mg/L	IS:3025 (Part-57)	ND
17.	Chloride	mg/L	APHA:4500 Cl ⁻ B 23 rd Edition (Page: 4-75)	19.1
18.	Sulphate	mg/L	IS:3025 (Part-28)	6.8
19.	Total Alkalinity	mg/L	IS:3025 (Part-23)	84
20.	P-Alkalinity	mg/L	IS:3025 (Part-23)	BDL(MDL:4.0)
21.	Phosphate	mg/L	IS:3550 -1965	0.15
22.	Sodium	mg/L	IS:3025 (Part-45)	23.4
23.	Potassium	mg/L	IS:3025 (Part-45)	1.2
24.	Calcium	mg/L	IS:3025 (Part-40)	24.1
25.	Magnesium	mg/L	IS:3025 (Part-46)	6.8
26.	Arsenic	mg/L	IS:3025 (Part-37)	BDL(MDL:0.01)

27.	Nickel	mg/L	IS:3025 (Part-54)	BDL(MDL:0.02)
28.	Copper	mg/L	IS:3025 (Part-42)	BDL(MDL:0.05)
29.	Mercury	mg/L	IS:3025 (Part-48)	BDL(MDL:0.001)
30.	Chromium	mg/L	IS:3025 (Part-52)	BDL(MDL:0.05)
31.	Cadmium	mg/L	IS:3025 (Part-41)	BDL(MDL:0.003)
32.	Zinc	mg/L	IS:3025 (Part-49)	BDL(MDL:0.05)
33.	Lead	mg/L	IS:3025 (Part-47)	BDL(MDL:0.01)
34.	Iron	mg/L	IS:3025 (Part-53)	0.121
35.	Alpha BHC	ppb	USEPA 8081 A	BDL(MDL:0.01)
36.	Beta BHC	ppb	USEPA 8081 A	BDL(MDL:0.04)
37.	Gama BHC	ppb	USEPA 8081 A	BDL(MDL:2.0)
38.	OP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
39.	PP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
40.	Alpha Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
41.	Beta Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
42.	Dieldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
43.	2-4 D	ppb	USEPA 1699-2007	BDL(MDL:30.0)
44.	Aldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
45.	Chloropyriphos	ppb	USEPA 1699-2007	BDL(MDL:30.0)
46.	Carboryl (Carbamate)	ppb	USEPA 1699-2007	BDL(MDL:0.01)
47.	Methyl Parathin	ppb	USEPA 1699-2007	BDL(MDL:0.3)
48.	Anilophos	ppb	USEPA 1699-2007	BDL(MDL:0.01)
49.	Malathian	ppb	USEPA 8081 B	BDL(MDL:190.0)
50.	Total Coliform	MPN/ 100 ml	APHA:9221 B 23 rd Edition (Page: 9-69)	241
51.	Fecal Coliform	MPN/ 100 ml	APHA:9222 D 23 rd Edition (Page: 9-89)	76
52.	Fecal Streptococci	MPN/ 100 ml	IS:1622-1981 (R.A.-1996)	60

Statement of conformity:-

Remarks:

BDL: Below Detection Limit, MDL: Minimum Detection Limit

Mrs. Khushbu S. Gajjar
Technical Manager

Mr. Swastik R. Gajjar
Lab Manager(Q)

* End of Report *

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REPORT NUMBER: **EI/WW/0621/009**

DATE OF REPORT: **02-07-2021**

F/7.8/01/Issue No.01/Issue Date: 01-10-2018/ Amend No.:00 / Amend Date:-- / Page 2 of 2

TEST REPORT

REPORT NUMBER: EI/WW/0621/010**DATE OF REPORT: 02-07-2021****CLIENT NAME : POLLUTION CONTROL COMMITTEE,****Dadra and Nagar Haveli and Daman and Diu****ADDRESS : 1st Floor, Udyog Bhavan, Bhenslore, Daman- 396220,INDIA****SAMPLE DETAILS.**

Laboratory ID : EI/WW/0621/010	Date of Sampling : 25-06-2021
Sample Type : Surface Water	Date of Sample Receipt : 25-06-2021
Type of Sampling : Grab	Sample Condition : Good
Place of Sampling : At Namdha Village	Quantity of Sample Received : 5 Liter
Description (GPS) : N 20°21'45.8", E 72°52'52.3"	Analysis Start Date : 25-06-2021
Sampling Protocol / Standard : IS3025 (Part 1):1987(R.A.2003)	Analysis End Date : 02-07-2021
Sampling Conducted By : Nimesh	Duration of Sampling : -

Sl. No	PARAMETER	UNIT	TEST METHOD	RESULTS
1.	Temperature	°C	APHA:2550 B 23 rd Edition (Page: 2-74)	27.5
2.	pH @ 25°C	pH	APHA:4500 H ⁺ B 23 rd Edition (Page: 4-13)	7.9
3.	Conductivity	µs/cm	IS:3025 (Part-14)	978
4.	Dissolve Oxygen	mg/L	IS:3025 (Part-38)	4.3
5.	Biological Oxygen Demand	mg/L	IS:3025 (Part-44)(3 Days at 27°C)	BDL(MDL:1.0)
6.	Nitrate as N	mg/L	IS:3025 (Part-44)	1.1
7.	Ammonia as N	mg/L	APHA:4500 NH ₃ -B-C 23 rd Edition (Page: 4-114)	2.6
8.	Chemical Oxygen Demand	mg/L	APHA:5220 B 23 rd Edition (Page: 5-18)	19.1
9.	Total Kjeldahl Nitrogen	mg/L	IS:3025 (Part-34)	15.6
10.	Total Dissolve Solids	mg/L	APHA:2540 C 23 rd Edition (Page: 2-69)	718
11.	Total Fixed Solids	mg/L	IS:3025 (Part-18)	487
12.	Total Suspended Solids	mg/L	APHA:2540 B 23 rd Edition (Page: 2-70)	29
13.	Turbidity	NTU	IS:3025 (Part-10)	0.1
14.	Hardness	mg/L	IS:3025 (Part-21)	264.5
15.	Fluoride	mg/L	IS:3025 (Part-60)	BDL(MDL:0.1)
16.	Boron	mg/L	IS:3025 (Part-57)	0.11
17.	Chloride	mg/L	APHA:4500 Cl ⁻ B 23 rd Edition (Page: 4-75)	198
18.	Sulphate	mg/L	IS:3025 (Part-28)	136.5
19.	Total Alkalinity	mg/L	IS:3025 (Part-23)	80
20.	P-Alkalinity	mg/L	IS:3025 (Part-23)	BDL(MDL:4.0)
21.	Phosphate	mg/L	IS:3550 -1965	0.1
22.	Sodium	mg/L	IS:3025 (Part-45)	114.7
23.	Potassium	mg/L	IS:3025 (Part-45)	7.3
24.	Calcium	mg/L	IS:3025 (Part-40)	49.2
25.	Magnesium	mg/L	IS:3025 (Part-46)	33.5
26.	Arsenic	mg/L	IS:3025 (Part-37)	BDL(MDL:0.01)

27.	Nickel	mg/L	IS:3025 (Part-54)	0.038
28.	Copper	mg/L	IS:3025 (Part-42)	BDL(MDL:0.05)
29.	Mercury	mg/L	IS:3025 (Part-48)	BDL(MDL:0.001)
30.	Chromium	mg/L	IS:3025 (Part-52)	BDL(MDL:0.05)
31.	Cadmium	mg/L	IS:3025 (Part-41)	BDL(MDL:0.003)
32.	Zinc	mg/L	IS:3025 (Part-49)	BDL(MDL:0.05)
33.	Lead	mg/L	IS:3025 (Part-47)	BDL(MDL:0.01)
34.	Iron	mg/L	IS:3025 (Part-53)	0.758
35.	Alpha BHC	ppb	USEPA 8081 A	BDL(MDL:0.01)
36.	Beta BHC	ppb	USEPA 8081 A	BDL(MDL:0.04)
37.	Gama BHC	ppb	USEPA 8081 A	BDL(MDL:2.0)
38.	OP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
39.	PP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
40.	Alpha Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
41.	Beta Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
42.	Dieldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
43.	2-4 D	ppb	USEPA 1699-2007	BDL(MDL:30.0)
44.	Aldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
45.	Chloropyriphos	ppb	USEPA 1699-2007	BDL(MDL:30.0)
46.	Carboryl (Carbamate)	ppb	USEPA 1699-2007	BDL(MDL:0.01)
47.	Methyl Parathin	ppb	USEPA 1699-2007	BDL(MDL:0.3)
48.	Anilophos	ppb	USEPA 1699-2007	BDL(MDL:0.01)
49.	Malathian	ppb	USEPA 8081 B	BDL(MDL:190.0)
50.	Total Coliform	MPN/ 100 ml	APHA:9221 B 23 rd Edition (Page: 9-69)	543
51.	Fecal Coliform	MPN/ 100 ml	APHA:9222 D 23 rd Edition (Page: 9-89)	381
52.	Fecal Streptococci	MPN/ 100 ml	IS:1622-1981 (R.A.-1996)	51

Statement of conformity:-

Remarks:

BDL: Below Detection Limit, MDL: Minimum Detection Limit

Mrs. Khushbu S. Gajjar
Technical Manager

Mr. Swastik R. Gajjar
Lab Manager(Q)

* End of Report *

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REPORT NUMBER: **EI/WW/0621/010**

DATE OF REPORT: **02-07-2021**

F/7.8/01/Issue No.01/Issue Date: 01-10-2018/ Amend No.:00 / Amend Date:-- / Page 2 of 2

TEST REPORT

REPORT NUMBER:EI/WW/0621/011**DATE OF REPORT: 02-07-2021****CLIENT NAME : POLLUTION CONTROL COMMITTEE,****Dadra and Nagar Haveli and Daman and Diu****ADDRESS : 1st Floor, Udyog Bhavan, Bhenslore, Daman- 396220,INDIA****SAMPLE DETAILS.**

Laboratory ID	: EI/WW/0621/011	Date of Sampling	: 25-06-2021
Sample Type	: Surface Water	Date of Sample Receipt	: 25-06-2021
Type of Sampling	: Grab	Sample Condition	: Good
Place of Sampling	: At Zari Causeway, Kachigam	Quantity of Sample Received	: 5 Liter
Description (GPS)	: N 20°22'18.62", E 72°52'50.52"	Analysis Start Date	: 25-06-2021
Sampling Protocol / Standard	: IS3025 (Part 1):1987(R.A.2003)	Analysis End Date	: 02-07-2021
Sampling Conducted By	: Nimesh	Duration of Sampling	: -

Sl. No	PARAMETER	UNIT	TEST METHOD	RESULTS
1.	Temperature	°C	APHA:2550 B 23 rd Edition (Page: 2-74)	27.8
2.	pH @ 25°C	pH	APHA:4500 H ⁺ B 23 rd Edition (Page: 4-13)	7.30
3.	Conductivity	µs/cm	IS:3025 (Part-14)	3847
4.	Dissolve Oxygen	mg/L	IS:3025 (Part-38)	5.1
5.	Biological Oxygen Demand	mg/L	IS:3025 (Part-44)(3 Days at 27°C)	4.1
6.	Nitrate as N	mg/L	IS:3025 (Part-44)	0.5
7.	Ammonia as N	mg/L	APHA:4500 NH ₃ -B-C 23 rd Edition (Page: 4-114)	4.2
8.	Chemical Oxygen Demand	mg/L	APHA:5220 B 23 rd Edition (Page: 5-18)	29.5
9.	Total Kjeldahl Nitrogen	mg/L	IS:3025 (Part-34)	6.7
10.	Total Dissolve Solids	mg/L	APHA:2540 C 23 rd Edition (Page: 2-69)	2641
11.	Total Fixed Solids	mg/L	IS:3025 (Part-18)	1642
12.	Total Suspended Solids	mg/L	APHA:2540 B 23 rd Edition (Page: 2-70)	21
13.	Turbidity	NTU	IS:3025 (Part-10)	0.1
14.	Hardness	mg/L	IS:3025 (Part-21)	562.5
15.	Fluoride	mg/L	IS:3025 (Part-60)	BDL(MDL:0.1)
16.	Boron	mg/L	IS:3025 (Part-57)	0.21
17.	Chloride	mg/L	APHA:4500 Cl ⁻ B 23 rd Edition (Page: 4-75)	1234.6
18.	Sulphate	mg/L	IS:3025 (Part-28)	384.5
19.	Total Alkalinity	mg/L	IS:3025 (Part-23)	80
20.	P-Alkalinity	mg/L	IS:3025 (Part-23)	BDL(MDL:4.0)
21.	Phosphate	mg/L	IS:3550 -1965	3.4
22.	Sodium	mg/L	IS:3025 (Part-45)	746.1
23.	Potassium	mg/L	IS:3025 (Part-45)	34.1
24.	Calcium	mg/L	IS:3025 (Part-40)	58.7
25.	Magnesium	mg/L	IS:3025 (Part-46)	98.5
26.	Arsenic	mg/L	IS:3025 (Part-37)	BDL(MDL:0.01)

27.	Nickel	mg/L	IS:3025 (Part-54)	0.023
28.	Copper	mg/L	IS:3025 (Part-42)	BDL(MDL:0.05)
29.	Mercury	mg/L	IS:3025 (Part-48)	BDL(MDL:0.001)
30.	Chromium	mg/L	IS:3025 (Part-52)	BDL(MDL:0.05)
31.	Cadmium	mg/L	IS:3025 (Part-41)	BDL(MDL:0.003)
32.	Zinc	mg/L	IS:3025 (Part-49)	BDL(MDL:0.05)
33.	Lead	mg/L	IS:3025 (Part-47)	BDL(MDL:0.01)
34.	Iron	mg/L	IS:3025 (Part-53)	BDL(MDL:0.01)
35.	Alpha BHC	ppb	USEPA 8081 A	BDL(MDL:0.01)
36.	Beta BHC	ppb	USEPA 8081 A	BDL(MDL:0.04)
37.	Gama BHC	ppb	USEPA 8081 A	BDL(MDL:2.0)
38.	OP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
39.	PP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
40.	Alpha Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
41.	Beta Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
42.	Dieldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
43.	2-4 D	ppb	USEPA 1699-2007	BDL(MDL:30.0)
44.	Aldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
45.	Chloropyriphos	ppb	USEPA 1699-2007	BDL(MDL:30.0)
46.	Carboryl (Carbamate)	ppb	USEPA 1699-2007	BDL(MDL:0.01)
47.	Methyl Parathin	ppb	USEPA 1699-2007	BDL(MDL:0.3)
48.	Anilophos	ppb	USEPA 1699-2007	BDL(MDL:0.01)
49.	Malathian	ppb	USEPA 8081 B	BDL(MDL:190.0)
50.	Total Coliform	MPN/ 100 ml	APHA:9221 B 23 rd Edition (Page: 9-69)	931
51.	Fecal Coliform	MPN/ 100 ml	APHA:9222 D 23 rd Edition (Page: 9-89)	489
52.	Fecal Streptococci	MPN/ 100 ml	IS:1622-1981 (R.A.-1996)	153

Statement of conformity:-

Remarks:

BDL: Below Detection Limit, MDL: Minimum Detection Limit

Mrs. Khushbu S. Gajjar
Technical Manager

Mr. Swastik R. Gajjar
Lab Manager(Q)

* End of Report *

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REPORT NUMBER: **EI/WW/0621/011**

DATE OF REPORT: **02-07-2021**

F/7.8/01/Issue No.01/Issue Date: 01-10-2018/ Amend No.:00 / Amend Date:-- / Page 2 of 2

TEST REPORT

REPORT NUMBER: EI/WW/0621/012**DATE OF REPORT: 02-07-2021****CLIENT NAME : POLLUTION CONTROL COMMITTEE,****Dadra and Nagar Haveli and Daman and Diu****ADDRESS : 1st Floor, Udyog Bhavan, Bhenslore, Daman- 396220,INDIA****SAMPLE DETAILS.**

Laboratory ID	: EI/WW/0621/012	Date of Sampling	: 25-06-2021
Sample Type	: Surface Water	Date of Sample Receipt	: 25-06-2021
Type of Sampling	: Grab	Sample Condition	: Good
Place of Sampling	: At Moti Daman Jetty	Quantity of Sample Received	: 5 Liter
Description (GPS)	: N 20°24'40.18", E 72°50'3.19"	Analysis Start Date	: 25-06-2021
Sampling Protocol / Standard	: IS3025 (Part 1):1987(R.A.2003)	Analysis End Date	: 02-07-2021
Sampling Conducted By	: Nimesh	Duration of Sampling	: -

Sl. No	PARAMETER	UNIT	TEST METHOD	RESULTS
1.	Temperature	°C	APHA:2550 B 23 rd Edition (Page: 2-74)	27.1
2.	pH @ 25°C	pH	APHA:4500 H ⁺ B 23 rd Edition (Page: 4-13)	8.26
3.	Conductivity	µs/cm	IS:3025 (Part-14)	24367
4.	Dissolve Oxygen	mg/L	IS:3025 (Part-38)	5.6
5.	Biological Oxygen Demand	mg/L	IS:3025 (Part-44)(3 Days at 27°C)	BDL(MDL:1.0)
6.	Nitrate as N	mg/L	IS:3025 (Part-44)	0.5
7.	Ammonia as N	mg/L	APHA:4500 NH ₃ -B-C 23 rd Edition (Page: 4-114)	6.4
8.	Chemical Oxygen Demand	mg/L	APHA:5220 B 23 rd Edition (Page: 5-18)	22.6
9.	Total Kjeldahl Nitrogen	mg/L	IS:3025 (Part-34)	5.8
10.	Total Dissolve Solids	mg/L	APHA:2540 C 23 rd Edition (Page: 2-69)	16473
11.	Total Fixed Solids	mg/L	IS:3025 (Part-18)	12147
12.	Total Suspended Solids	mg/L	APHA:2540 B 23 rd Edition (Page: 2-70)	154
13.	Turbidity	NTU	IS:3025 (Part-10)	1
14.	Hardness	mg/L	IS:3025 (Part-21)	3415
15.	Fluoride	mg/L	IS:3025 (Part-60)	BDL(MDL:0.1)
16.	Boron	mg/L	IS:3025 (Part-57)	0.17
17.	Chloride	mg/L	APHA:4500 Cl ⁻ B 23 rd Edition (Page: 4-75)	8941.3
18.	Sulphate	mg/L	IS:3025 (Part-28)	1434
19.	Total Alkalinity	mg/L	IS:3025 (Part-23)	112
20.	P-Alkalinity	mg/L	IS:3025 (Part-23)	BDL(MDL:4.0)
21.	Phosphate	mg/L	IS:3550 -1965	2.4
22.	Sodium	mg/L	IS:3025 (Part-45)	4975
23.	Potassium	mg/L	IS:3025 (Part-45)	216
24.	Calcium	mg/L	IS:3025 (Part-40)	204.6
25.	Magnesium	mg/L	IS:3025 (Part-46)	624.5
26.	Arsenic	mg/L	IS:3025 (Part-37)	BDL(MDL:0.01)

27.	Nickel	mg/L	IS:3025 (Part-54)	0.456
28.	Copper	mg/L	IS:3025 (Part-42)	0.065
29.	Mercury	mg/L	IS:3025 (Part-48)	BDL(MDL:0.001)
30.	Chromium	mg/L	IS:3025 (Part-52)	0.069
31.	Cadmium	mg/L	IS:3025 (Part-41)	0.251
32.	Zinc	mg/L	IS:3025 (Part-49)	0.08
33.	Lead	mg/L	IS:3025 (Part-47)	BDL(MDL:0.01)
34.	Iron	mg/L	IS:3025 (Part-53)	0.684
35.	Alpha BHC	ppb	USEPA 8081 A	BDL(MDL:0.01)
36.	Beta BHC	ppb	USEPA 8081 A	BDL(MDL:0.04)
37.	Gama BHC	ppb	USEPA 8081 A	BDL(MDL:2.0)
38.	OP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
39.	PP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
40.	Alpha Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
41.	Beta Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
42.	Dieldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
43.	2-4 D	ppb	USEPA 1699-2007	BDL(MDL:30.0)
44.	Aldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
45.	Chloropyriphos	ppb	USEPA 1699-2007	BDL(MDL:30.0)
46.	Carboryl (Carbamate)	ppb	USEPA 1699-2007	BDL(MDL:0.01)
47.	Methyl Parathin	ppb	USEPA 1699-2007	BDL(MDL:0.3)
48.	Anilophos	ppb	USEPA 1699-2007	BDL(MDL:0.01)
49.	Malathian	ppb	USEPA 8081 B	BDL(MDL:190.0)
50.	Total Coliform	MPN/ 100 ml	APHA:9221 B 23 rd Edition (Page: 9-69)	128
51.	Fecal Coliform	MPN/ 100 ml	APHA:9222 D 23 rd Edition (Page: 9-89)	24
52.	Fecal Streptococci	MPN/ 100 ml	IS:1622-1981 (R.A.-1996)	26

Statement of conformity:-

Remarks:

BDL: Below Detection Limit, MDL: Minimum Detection Limit

Mrs. Khushbu S. Gajjar
Technical Manager

Mr. Swastik R. Gajjar
Lab Manager(Q)

* End of Report *

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REPORT NUMBER: **EI/WW/0621/012**

DATE OF REPORT: **02-07-2021**

F/7.8/01/Issue No.01/Issue Date: 01-10-2018/ Amend No.:00 / Amend Date:-- / Page 2 of 2

TEST REPORT

REPORT NUMBER:EI/WW/0621/013**DATE OF REPORT: 02-07-2021****CLIENT NAME : POLLUTION CONTROL COMMITTEE,****Dadra and Nagar Haveli and Daman and Diu****ADDRESS : 1st Floor, Udyog Bhavan, Bhenslore, Daman- 396220,INDIA****SAMPLE DETAILS.**

Laboratory ID	: EI/WW/0621/013	Date of Sampling	: 25-06-2021
Sample Type	: Surface Water	Date of Sample Receipt	: 25-06-2021
Type of Sampling	: Grab	Sample Condition	: Good
Place of Sampling	: Outlet of CETP, Vapi	Quantity of Sample Received	: 5 Liter
Description (GPS)	: N 20°20'34.62"E72°54'20.38"	Analysis Start Date	: 25-06-2021
Sampling Protocol / Standard	: IS3025 (Part 1):1987(R.A.2003)	Analysis End Date	: 02-07-2021
Sampling Conducted By	: Nimesh	Duration of Sampling	: -

Sl. No	PARAMETER	UNIT	TEST METHOD	RESULTS
1.	Temperature	°C	APHA:2550 B 23 rd Edition (Page: 2-74)	28.3
2.	pH @ 25°C	pH	APHA:4500 H ⁺ B 23 rd Edition (Page: 4-13)	6.78
3.	Conductivity	µs/cm	IS:3025 (Part-14)	7164
4.	Dissolve Oxygen	mg/L	IS:3025 (Part-38)	5.1
5.	Biological Oxygen Demand	mg/L	IS:3025 (Part-44)(3 Days at 27°C)	11
6.	Nitrate as N	mg/L	IS:3025 (Part-44)	1.9
7.	Ammonia as N	mg/L	APHA:4500 NH ₃ -B-C 23 rd Edition (Page: 4-114)	15.38
8.	Chemical Oxygen Demand	mg/L	APHA:5220 B 23 rd Edition (Page: 5-18)	79
9.	Total Kjeldahl Nitrogen	mg/L	IS:3025 (Part-34)	46.1
10.	Total Dissolve Solids	mg/L	APHA:2540 C 23 rd Edition (Page: 2-69)	4516
11.	Total Fixed Solids	mg/L	IS:3025 (Part-18)	4657
12.	Total Suspended Solids	mg/L	APHA:2540 B 23 rd Edition (Page: 2-70)	23
13.	Turbidity	NTU	IS:3025 (Part-10)	1
14.	Hardness	mg/L	IS:3025 (Part-21)	1462
15.	Fluoride	mg/L	IS:3025 (Part-60)	BDL(MDL:0.1)
16.	Boron	mg/L	IS:3025 (Part-57)	0.24
17.	Chloride	mg/L	APHA:4500 Cl ⁻ B 23 rd Edition (Page: 4-75)	1724.8
18.	Sulphate	mg/L	IS:3025 (Part-28)	1045
19.	Total Alkalinity	mg/L	IS:3025 (Part-23)	200
20.	P-Alkalinity	mg/L	IS:3025 (Part-23)	BDL(MDL:4.0)
21.	Phosphate	mg/L	IS:3550 -1965	2.9
22.	Sodium	mg/L	IS:3025 (Part-45)	984.5
23.	Potassium	mg/L	IS:3025 (Part-45)	46.3
24.	Calcium	mg/L	IS:3025 (Part-40)	254.1
25.	Magnesium	mg/L	IS:3025 (Part-46)	184.3
26.	Arsenic	mg/L	IS:3025 (Part-37)	BDL(MDL:0.01)

27.	Nickel	mg/L	IS:3025 (Part-54)	0.189
28.	Copper	mg/L	IS:3025 (Part-42)	BDL(MDL:0.05)
29.	Mercury	mg/L	IS:3025 (Part-48)	BDL(MDL:0.001)
30.	Chromium	mg/L	IS:3025 (Part-52)	BDL(MDL:0.05)
31.	Cadmium	mg/L	IS:3025 (Part-41)	0.028
32.	Zinc	mg/L	IS:3025 (Part-49)	0.14
33.	Lead	mg/L	IS:3025 (Part-47)	BDL(MDL:0.01)
34.	Iron	mg/L	IS:3025 (Part-53)	1.131
35.	Alpha BHC	ppb	USEPA 8081 A	BDL(MDL:0.01)
36.	Beta BHC	ppb	USEPA 8081 A	BDL(MDL:0.04)
37.	Gama BHC	ppb	USEPA 8081 A	BDL(MDL:2.0)
38.	OP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
39.	PP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
40.	Alpha Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
41.	Beta Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
42.	Dieldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
43.	2-4 D	ppb	USEPA 1699-2007	BDL(MDL:30.0)
44.	Aldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
45.	Chloropyriphos	ppb	USEPA 1699-2007	BDL(MDL:30.0)
46.	Carboryl (Carbamate)	ppb	USEPA 1699-2007	BDL(MDL:0.01)
47.	Methyl Parathin	ppb	USEPA 1699-2007	BDL(MDL:0.3)
48.	Anilophos	ppb	USEPA 1699-2007	BDL(MDL:0.01)
49.	Malathian	ppb	USEPA 8081 B	BDL(MDL:190.0)
50.	Total Coliform	MPN/ 100 ml	APHA:9221 B 23 rd Edition (Page: 9-69)	>1600
51.	Fecal Coliform	MPN/ 100 ml	APHA:9222 D 23 rd Edition (Page: 9-89)	900
52.	Fecal Streptococci	MPN/ 100 ml	IS:1622-1981 (R.A.-1996)	78

Statement of conformity:-

Remarks:

BDL: Below Detection Limit, MDL: Minimum Detection Limit

Mrs. Khushbu S. Gajjar
Technical Manager

Mr. Swastik R. Gajjar
Lab Manager(Q)

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REPORT NUMBER: **EI/WW/0621/013**

DATE OF REPORT: **02-07-2021**

F/7.8/01/Issue No.01/Issue Date: 01-10-2018/ Amend No.:00 / Amend Date:-- / Page 2 of 2

TEST REPORT

REPORT NUMBER: EI/WW/0621/014**DATE OF REPORT: 02-07-2021****CLIENT NAME : POLLUTION CONTROL COMMITTEE,****Dadra and Nagar Haveli and Daman and Diu****ADDRESS : 1st Floor, Udyog Bhavan, Bhenslore, Daman- 396220,INDIA****SAMPLE DETAILS.**

Laboratory ID	: EI/WW/0621/014	Date of Sampling	: 25-06-2021
Sample Type	: Surface Water	Date of Sample Receipt	: 25-06-2021
Type of Sampling	: Grab	Sample Condition	: Good
Place of Sampling	: Outlet of GHCL, Bhilad	Quantity of Sample Received	: 5 Liter
Description (GPS)	: N 20°17'35.81"E72°53'49.31"	Analysis Start Date	: 25-06-2021
Sampling Protocol / Standard	: IS3025 (Part 1):1987(R.A.2003)	Analysis End Date	: 02-07-2021
Sampling Conducted By	: Nimesh	Duration of Sampling	: -

Sl. No	PARAMETER	UNIT	TEST METHOD	RESULTS
1.	Temperature	°C	APHA:2550 B 23 rd Edition (Page: 2-74)	28.4
2.	pH @ 25°C	pH	APHA:4500 H ⁺ B 23 rd Edition (Page: 4-13)	7.60
3.	Conductivity	µs/cm	IS:3025 (Part-14)	2247
4.	Dissolve Oxygen	mg/L	IS:3025 (Part-38)	5
5.	Biological Oxygen Demand	mg/L	IS:3025 (Part-44)(3 Days at 27°C)	9
6.	Nitrate as N	mg/L	IS:3025 (Part-44)	4.4
7.	Ammonia as N	mg/L	APHA:4500 NH ₃ -B-C 23 rd Edition (Page: 4-114)	7.28
8.	Chemical Oxygen Demand	mg/L	APHA:5220 B 23 rd Edition (Page: 5-18)	57.6
9.	Total Kjeldahl Nitrogen	mg/L	IS:3025 (Part-34)	11.5
10.	Total Dissolve Solids	mg/L	APHA:2540 C 23 rd Edition (Page: 2-69)	1486
11.	Total Fixed Solids	mg/L	IS:3025 (Part-18)	1238
12.	Total Suspended Solids	mg/L	APHA:2540 B 23 rd Edition (Page: 2-70)	42
13.	Turbidity	NTU	IS:3025 (Part-10)	2
14.	Hardness	mg/L	IS:3025 (Part-21)	214.5
15.	Fluoride	mg/L	IS:3025 (Part-60)	BDL(MDL:0.1)
16.	Boron	mg/L	IS:3025 (Part-57)	ND
17.	Chloride	mg/L	APHA:4500 Cl ⁻ B 23 rd Edition (Page: 4-75)	302.7
18.	Sulphate	mg/L	IS:3025 (Part-28)	297.5
19.	Total Alkalinity	mg/L	IS:3025 (Part-23)	361
20.	P-Alkalinity	mg/L	IS:3025 (Part-23)	BDL(MDL:4.0)
21.	Phosphate	mg/L	IS:3550 -1965	2.8
22.	Sodium	mg/L	IS:3025 (Part-45)	438.6
23.	Potassium	mg/L	IS:3025 (Part-45)	36.4
24.	Calcium	mg/L	IS:3025 (Part-40)	41.8
25.	Magnesium	mg/L	IS:3025 (Part-46)	20.4
26.	Arsenic	mg/L	IS:3025 (Part-37)	BDL(MDL:0.01)

27.	Nickel	mg/L	IS:3025 (Part-54)	BDL(MDL:0.02)
28.	Copper	mg/L	IS:3025 (Part-42)	0.135
29.	Mercury	mg/L	IS:3025 (Part-48)	BDL(MDL:0.001)
30.	Chromium	mg/L	IS:3025 (Part-52)	BDL(MDL:0.05)
31.	Cadmium	mg/L	IS:3025 (Part-41)	0.058
32.	Zinc	mg/L	IS:3025 (Part-49)	BDL(MDL:0.05)
33.	Iron	mg/L	IS:3025 (Part-53)	BDL(MDL:0.01)
34.	Lead	mg/L	IS:3025 (Part-47)	0.684
35.	Alpha BHC	ppb	USEPA 8081 A	BDL(MDL:0.01)
36.	Beta BHC	ppb	USEPA 8081 A	BDL(MDL:0.04)
37.	Gama BHC	ppb	USEPA 8081 A	BDL(MDL:2.0)
38.	OP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
39.	PP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
40.	Alpha Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
41.	Beta Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
42.	Dieldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
43.	2-4 D	ppb	USEPA 1699-2007	BDL(MDL:30.0)
44.	Aldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
45.	Chloropyriphos	ppb	USEPA 1699-2007	BDL(MDL:30.0)
46.	Carboryl (Carbamate)	ppb	USEPA 1699-2007	BDL(MDL:0.01)
47.	Methyl Parathin	ppb	USEPA 1699-2007	BDL(MDL:0.3)
48.	Anilophos	ppb	USEPA 1699-2007	BDL(MDL:0.01)
49.	Malathian	ppb	USEPA 8081 B	BDL(MDL:190.0)
50.	Total Coliform	MPN/ 100 ml	APHA:9221 B 23 rd Edition (Page: 9-69)	>1600
51.	Fecal Coliform	MPN/ 100 ml	APHA:9222 D 23 rd Edition (Page: 9-89)	1600
52.	Fecal Streptococci	MPN/ 100 ml	IS:1622-1981 (R.A.-1996)	900

Statement of conformity:-

Remarks:

BDL: Below Detection Limit, MDL: Minimum Detection Limit

Mrs. Khushbu S. Gajjar
Technical Manager

Mr. Swastik R. Gajjar
Lab Manager(Q)

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REPORT NUMBER: **EI/WW/0621/014**

DATE OF REPORT: **02-07-2021**

F/7.8/01/Issue No.01/Issue Date: 01-10-2018/ Amend No.:00 / Amend Date:-- / Page 2 of 2

TEST REPORT

REPORT NUMBER: EI/WW/0621/015**DATE OF REPORT: 02-07-2021****CLIENT NAME : POLLUTION CONTROL COMMITTEE,****Dadra and Nagar Haveli and Daman and Diu****ADDRESS : 1st Floor, Udyog Bhavan, Bhenslore, Daman- 396220,INDIA****SAMPLE DETAILS.**

Laboratory ID	: EI/WW/0621/015	Date of Sampling	: 25-06-2021
Sample Type	: Surface Water	Date of Sample Receipt	: 25-06-2021
Type of Sampling	: Grab	Sample Condition	: Good
Place of Sampling	: 100 meter Downstream of outlet of CETP, Vapi (from river)	Quantity of Sample Received	: 5 Liter
Description (GPS)	: N 20°20'31.52", E72°54'16.88"	Analysis Start Date	: 25-06-2021
Sampling Protocol / Standard	: IS3025 (Part 1):1987(R.A.2003)	Analysis End Date	: 02-07-2021
Sampling Conducted By	: Nimesh	Duration of Sampling	: -

Sl. No	PARAMETER	UNIT	TEST METHOD	RESULTS
1.	Temperature	°C	APHA:2550 B 23 rd Edition (Page: 2-74)	27.6
2.	pH @ 25°C	pH	APHA:4500 H ⁺ B 23 rd Edition (Page: 4-13)	6.87
3.	Conductivity	µs/cm	IS:3025 (Part-14)	984
4.	Dissolve Oxygen	mg/L	IS:3025 (Part-38)	5.5
5.	Biological Oxygen Demand	mg/L	IS:3025 (Part-44)(3 Days at 27°C)	2.4
6.	Nitrate as N	mg/L	IS:3025 (Part-44)	0.6
7.	Ammonia as N	mg/L	APHA:4500 NH ₃ -B-C 23 rd Edition (Page: 4-114)	8.16
8.	Chemical Oxygen Demand	mg/L	APHA:5220 B 23 rd Edition (Page: 5-18)	14
9.	Total Kjeldahl Nitrogen	mg/L	IS:3025 (Part-34)	13.7
10.	Total Dissolve Solids	mg/L	APHA:2540 C 23 rd Edition (Page: 2-69)	643
11.	Total Fixed Solids	mg/L	IS:3025 (Part-18)	672
12.	Total Suspended Solids	mg/L	APHA:2540 B 23 rd Edition (Page: 2-70)	8
13.	Turbidity	NTU	IS:3025 (Part-10)	0.1
14.	Hardness	mg/L	IS:3025 (Part-21)	238.4
15.	Fluoride	mg/L	IS:3025 (Part-60)	BDL(MDL:0.1)
16.	Boron	mg/L	IS:3025 (Part-57)	ND
17.	Chloride	mg/L	APHA:4500 Cl ⁻ B 23 rd Edition (Page: 4-75)	198.4
18.	Sulphate	mg/L	IS:3025 (Part-28)	44.7
19.	Total Alkalinity	mg/L	IS:3025 (Part-23)	84
20.	P-Alkalinity	mg/L	IS:3025 (Part-23)	BDL(MDL:4.0)
21.	Phosphate	mg/L	IS:3550 -1965	3.6
22.	Sodium	mg/L	IS:3025 (Part-45)	98.5
23.	Potassium	mg/L	IS:3025 (Part-45)	6.2
24.	Calcium	mg/L	IS:3025 (Part-40)	61.8

25.	Magnesium	mg/L	IS:3025 (Part-46)	20.3
26.	Arsenic	mg/L	IS:3025 (Part-37)	BDL(MDL:0.01)
27.	Nickel	mg/L	IS:3025 (Part-54)	BDL(MDL:0.02)
28.	Copper	mg/L	IS:3025 (Part-42)	BDL(MDL:0.05)
29.	Mercury	mg/L	IS:3025 (Part-48)	BDL(MDL:0.001)
30.	Chromium	mg/L	IS:3025 (Part-52)	BDL(MDL:0.05)
31.	Cadmium	mg/L	IS:3025 (Part-41)	BDL(MDL:0.003)
32.	Zinc	mg/L	IS:3025 (Part-49)	BDL(MDL:0.05)
33.	Lead	mg/L	IS:3025 (Part-47)	BDL(MDL:0.01)
34.	Iron	mg/L	IS:3025 (Part-53)	BDL(MDL:0.01)
35.	Alpha BHC	ppb	USEPA 8081 A	BDL(MDL:0.01)
36.	Beta BHC	ppb	USEPA 8081 A	BDL(MDL:0.04)
37.	Gama BHC	ppb	USEPA 8081 A	BDL(MDL:2.0)
38.	OP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
39.	PP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
40.	Alpha Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
41.	Beta Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
42.	Dieldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
43.	2-4 D	ppb	USEPA 1699-2007	BDL(MDL:30.0)
44.	Aldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
45.	Chloropyriphos	ppb	USEPA 1699-2007	BDL(MDL:30.0)
46.	Carboryl (Carbamate)	ppb	USEPA 1699-2007	BDL(MDL:0.01)
47.	Methyl Parathin	ppb	USEPA 1699-2007	BDL(MDL:0.3)
48.	Anilophos	ppb	USEPA 1699-2007	BDL(MDL:0.01)
49.	Malathian	ppb	USEPA 8081 B	BDL(MDL:190.0)
50.	Total Coliform	MPN/ 100 ml	APHA:9221 B 23 rd Edition (Page: 9-69)	>1600
51.	Fecal Coliform	MPN/ 100 ml	APHA:9222 D 23 rd Edition (Page: 9-89)	1600
52.	Fecal Streptococci	MPN/ 100 ml	IS:1622-1981 (R.A.-1996)	124

Statement of conformity:-

Remarks:

BDL: Below Detection Limit, MDL: Minimum Detection Limit

Mrs. Khushbu S. Gajjar
Technical Manager

Mr. Swastik R. Gajjar
Lab Manager(Q)

* End of Report *

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REPORT NUMBER: **EI/WW/0621/015**

DATE OF REPORT: **02-07-2021**

F/7.8/01/Issue No.01/Issue Date: 01-10-2018/ Amend No.:00 / Amend Date:-- / Page 2 of 2

TEST REPORT

REPORT NUMBER: EI/WW/0621/016**DATE OF REPORT: 02-07-2021****CLIENT NAME : POLLUTION CONTROL COMMITTEE,****Dadra and Nagar Haveli and Daman and Diu****ADDRESS : 1st Floor, Udyog Bhavan, Bhenslore, Daman- 396220,INDIA****SAMPLE DETAILS.**

Laboratory ID	: EI/WW/0621/016	Date of Sampling	: 25-06-2021
Sample Type	: Surface Water	Date of Sample Receipt	: 25-06-2021
Type of Sampling	: Grab	Sample Condition	: Good
Place of Sampling	: At Patalia Bridge(Kolak River)	Quantity of Sample Received	: 5 Liter
Description (GPS)	: N 20°27'41", E72°53'12.59"	Analysis Start Date	: 25-06-2021
Sampling Protocol / Standard	: IS3025 (Part 1):1987(R.A.2003)	Analysis End Date	: 02-07-2021
Sampling Conducted By	: Nimesh	Duration of Sampling	: -

Sl. No	PARAMETER	UNIT	TEST METHOD	RESULTS
1.	Temperature	°C	APHA:2550 B 23 rd Edition (Page: 2-74)	29.1
2.	pH @ 25°C	pH	APHA:4500 H ⁺ B 23 rd Edition (Page: 4-13)	7.44
3.	Conductivity	µs/cm	IS:3025 (Part-14)	2873
4.	Dissolve Oxygen	mg/L	IS:3025 (Part-38)	4.9
5.	Biological Oxygen Demand	mg/L	IS:3025 (Part-44)(3 Days at 27°C)	2.5
6.	Nitrate as N	mg/L	IS:3025 (Part-44)	0.3
7.	Ammonia as N	mg/L	APHA:4500 NH ₃ -B-C 23 rd Edition (Page: 4-114)	2.7
8.	Chemical Oxygen Demand	mg/L	APHA:5220 B 23 rd Edition (Page: 5-18)	23.1
9.	Total Kjeldahl Nitrogen	mg/L	IS:3025 (Part-34)	6.2
10.	Total Dissolve Solids	mg/L	APHA:2540 C 23 rd Edition (Page: 2-69)	1852
11.	Total Fixed Solids	mg/L	IS:3025 (Part-18)	486
12.	Total Suspended Solids	mg/L	APHA:2540 B 23 rd Edition (Page: 2-70)	39
13.	Turbidity	NTU	IS:3025 (Part-10)	0.1
14.	Hardness	mg/L	IS:3025 (Part-21)	298
15.	Fluoride	mg/L	IS:3025 (Part-60)	BDL(MDL:0.1)
16.	Boron	mg/L	IS:3025 (Part-57)	ND
17.	Chloride	mg/L	APHA:4500 Cl ⁻ B 23 rd Edition (Page: 4-75)	695.2
18.	Sulphate	mg/L	IS:3025 (Part-28)	342.8
19.	Total Alkalinity	mg/L	IS:3025 (Part-23)	124
20.	P-Alkalinity	mg/L	IS:3025 (Part-23)	BDL(MDL:4.0)
21.	Phosphate	mg/L	IS:3550 -1965	0.49
22.	Sodium	mg/L	IS:3025 (Part-45)	615
23.	Potassium	mg/L	IS:3025 (Part-45)	28.4
24.	Calcium	mg/L	IS:3025 (Part-40)	55.1
25.	Magnesium	mg/L	IS:3025 (Part-46)	51.4
26.	Arsenic	mg/L	IS:3025 (Part-37)	BDL(MDL:0.01)

27.	Nickel	mg/L	IS:3025 (Part-54)	BDL(MDL:0.02)
28.	Copper	mg/L	IS:3025 (Part-42)	BDL(MDL:0.05)
29.	Mercury	mg/L	IS:3025 (Part-48)	BDL(MDL:0.001)
30.	Chromium	mg/L	IS:3025 (Part-52)	BDL(MDL:0.05)
31.	Cadmium	mg/L	IS:3025 (Part-41)	0.033
32.	Zinc	mg/L	IS:3025 (Part-49)	BDL(MDL:0.05)
33.	Lead	mg/L	IS:3025 (Part-47)	BDL(MDL:0.01)
34.	Iron	mg/L	IS:3025 (Part-53)	0.102
35.	Alpha BHC	ppb	USEPA 8081 A	BDL(MDL:0.01)
36.	Beta BHC	ppb	USEPA 8081 A	BDL(MDL:0.04)
37.	Gama BHC	ppb	USEPA 8081 A	BDL(MDL:2.0)
38.	OP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
39.	PP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
40.	Alpha Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
41.	Beta Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
42.	Dieldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
43.	2-4 D	ppb	USEPA 1699-2007	BDL(MDL:30.0)
44.	Aldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
45.	Chloropyriphos	ppb	USEPA 1699-2007	BDL(MDL:30.0)
46.	Carboryl (Carbamate)	ppb	USEPA 1699-2007	BDL(MDL:0.01)
47.	Methyl Parathin	ppb	USEPA 1699-2007	BDL(MDL:0.3)
48.	Anilophos	ppb	USEPA 1699-2007	BDL(MDL:0.01)
49.	Malathian	ppb	USEPA 8081 B	BDL(MDL:190.0)
50.	Total Coliform	MPN/ 100 ml	APHA:9221 B 23 rd Edition (Page: 9-69)	>1600
51.	Fecal Coliform	MPN/ 100 ml	APHA:9222 D 23 rd Edition (Page: 9-89)	1600
52.	Fecal Streptococci	MPN/ 100 ml	IS:1622-1981 (R.A.-1996)	231

Statement of conformity:-

Remarks:

BDL: Below Detection Limit, MDL: Minimum Detection Limit

Mrs. Khushbu S. Gajjar
Technical Manager

Mr. Swastik R. Gajjar
Lab Manager(Q)

* End of Report *

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REPORT NUMBER: **EI/WW/0121/016**

DATE OF REPORT: **02-07-2021**

F/7.8/01/Issue No.01/Issue Date: 01-10-2018/ Amend No.:00 / Amend Date:-- / Page 2 of 2

TEST REPORT

REPORT NUMBER:EI/WW/0621/017

DATE OF REPORT: 05-02-2021

CLIENT NAME : POLLUTION CONTROL COMMITTEE,

Dadra and Nagar Haveli and Daman and Diu

ADDRESS : 1st Floor, Udyog Bhavan, Bhenslore, Daman- 396220,INDIA

SAMPLE DETAILS.

Laboratory ID : EI/WW/0621/017	Date of Sampling : 25-06-2021
Sample Type : Surface Water	Date of Sample Receipt : 25-06-2021
Type of Sampling : Grab	Sample Condition : Good
Place of Sampling : At N.H.No.8,Vapi (Kolak River)	Quantity of Sample Received : 5 Liter
Description (GPS) : N 20°25'24.2", E72°54'57.28"	Analysis Start Date : 25-06-2021
Sampling Protocol / Standard : IS3025 (Part 1):1987(R.A.2003)	Analysis End Date : 02-07-2021
Sampling Conducted By : Nimesh	Duration of Sampling : -

Sl. No	PARAMETER	UNIT	TEST METHOD	RESULTS
1.	Temperature	°C	APHA:2550 B 23 rd Edition (Page: 2-74)	28.9
2.	pH @ 25°C	pH	APHA:4500 H ⁺ B 23 rd Edition (Page: 4-13)	7.15
3.	Conductivity	µs/cm	IS:3025 (Part-14)	246.4
4.	Dissolve Oxygen	mg/L	IS:3025 (Part-38)	5.2
5.	Biological Oxygen Demand	mg/L	IS:3025 (Part-44)(3 Days at 27°C)	3.1
6.	Nitrate as N	mg/L	IS:3025 (Part-44)	0.4
7.	Ammonia as N	mg/L	APHA:4500 NH ₃ -B-C 23 rd Edition (Page: 4-114)	BDL(MDL:2.0)
8.	Chemical Oxygen Demand	mg/L	APHA:5220 B 23 rd Edition (Page: 5-18)	21.1
9.	Total Kjeldahl Nitrogen	mg/L	IS:3025 (Part-34)	BDL(MDL:2.0)
10.	Total Dissolve Solids	mg/L	APHA:2540 C 23 rd Edition (Page: 2-69)	174
11.	Total Fixed Solids	mg/L	IS:3025 (Part-18)	116
12.	Total Suspended Solids	mg/L	APHA:2540 B 23 rd Edition (Page: 2-70)	7
13.	Turbidity	NTU	IS:3025 (Part-10)	1
14.	Hardness	mg/L	IS:3025 (Part-21)	98.3
15.	Fluoride	mg/L	IS:3025 (Part-60)	BDL(MDL:0.1)
16.	Boron	mg/L	IS:3025 (Part-57)	ND
17.	Chloride	mg/L	APHA:4500 Cl ⁻ B 23 rd Edition (Page: 4-75)	3.4
18.	Sulphate	mg/L	IS:3025 (Part-28)	3.3
19.	Total Alkalinity	mg/L	IS:3025 (Part-23)	100
20.	P-Alkalinity	mg/L	IS:3025 (Part-23)	BDL(MDL:4.0)
21.	Phosphate	mg/L	IS:3550 -1965	0.19
22.	Sodium	mg/L	IS:3025 (Part-45)	12.5
23.	Potassium	mg/L	IS:3025 (Part-45)	BDL(MDL:1.0)

24.	Calcium	mg/L	IS:3025 (Part-40)	22.6
25.	Magnesium	mg/L	IS:3025 (Part-46)	6.2
26.	Arsenic	mg/L	IS:3025 (Part-37)	BDL(MDL:0.01)
27.	Nickel	mg/L	IS:3025 (Part-54)	BDL(MDL:0.02)
28.	Copper	mg/L	IS:3025 (Part-42)	BDL(MDL:0.05)
29.	Mercury	mg/L	IS:3025 (Part-48)	BDL(MDL:0.001)
30.	Chromium	mg/L	IS:3025 (Part-52)	BDL(MDL:0.05)
31.	Cadmium	mg/L	IS:3025 (Part-41)	BDL(MDL:0.003)
32.	Zinc	mg/L	IS:3025 (Part-49)	BDL(MDL:0.05)
33.	Lead	mg/L	IS:3025 (Part-47)	BDL(MDL:0.01)
34.	Iron	mg/L	IS:3025 (Part-53)	0.235
35.	Alpha BHC	ppb	USEPA 8081 A	BDL(MDL:0.01)
36.	Beta BHC	ppb	USEPA 8081 A	BDL(MDL:0.04)
37.	Gama BHC	ppb	USEPA 8081 A	BDL(MDL:2.0)
38.	OP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
39.	PP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
40.	Alpha Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
41.	Beta Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
42.	Dieldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
43.	2-4 D	ppb	USEPA 1699-2007	BDL(MDL:30.0)
44.	Aldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
45.	Chloropyriphos	ppb	USEPA 1699-2007	BDL(MDL:30.0)
46.	Carboryl (Carbamate)	ppb	USEPA 1699-2007	BDL(MDL:0.01)
47.	Methyl Parathin	ppb	USEPA 1699-2007	BDL(MDL:0.3)
48.	Anilophos	ppb	USEPA 1699-2007	BDL(MDL:0.01)
49.	Malathian	ppb	USEPA 8081 B	BDL(MDL:190.0)
50.	Total Coliform	MPN/ 100 ml	APHA:9221 B 23 rd Edition (Page: 9-69)	278
51.	Fecal Coliform	MPN/ 100 ml	APHA:9222 D 23 rd Edition (Page: 9-89)	134
52.	Fecal Streptococci	MPN/ 100 ml	IS:1622-1981 (R.A.-1996)	48

Statement of conformity:-

Remarks:

BDL: Below Detection Limit, MDL: Minimum Detection Limit

Mrs. Khushbu S. Gajjar
Technical Manager

Mr. Swastik R. Gajjar
Lab Manager(Q)

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REPORT NUMBER: **EI/WW/0621/017**

DATE OF REPORT: **02-07-2021**

F/7.8/01/Issue No.01/Issue Date: 01-10-2018/ Amend No.:00 / Amend Date:-- / Page 2 of 2

TEST REPORT

REPORT NUMBER: EI/WW/0721/043**DATE OF REPORT: 04-08-2021****CLIENT NAME : POLLUTION CONTROL COMMITTEE,****Dadra and Nagar Haveli and Daman and Diu****ADDRESS : 1st Floor, Udyog Bhavan, Bhenslore, Daman- 396220,INDIA****SAMPLE DETAILS.**

Laboratory ID : EI/WW/0721/043	Date of Sampling : 29-07-2021
Sample Type : Surface Water	Date of Sample Receipt : 29-07-2021
Type of Sampling : Grab	Sample Condition : Good
Place of Sampling : D/s of Madhuban Dam	Quantity of Sample Received : 5 Liter
Description (GPS) : N 20°12'57", E 73°2'29"	Analysis Start Date : 29-07-2021
Sampling Protocol / Standard : IS3025 (Part 1):1987(R.A.2003)	Analysis End Date : 04-08-2021
Sampling Conducted By : Nimesh	Duration of Sampling : -

Sl. No	PARAMETER	UNIT	TEST METHOD	RESULTS
1.	Temperature	°C	APHA:2550 B 23 rd Edition (Page: 2-74)	27.2
2.	pH @ 25°C	pH	APHA:4500 H ⁺ B 23 rd Edition (Page: 4-13)	8.2
3.	Conductivity	µs/cm	IS:3025 (Part-14)	146
4.	Dissolve Oxygen	mg/L	IS:3025 (Part-38)	7.4
5.	Biological Oxygen Demand	mg/L	IS:3025 (Part-44)(3 Days at 27°C)	BDL(MDL:1.0)
6.	Nitrate as N	mg/L	IS:3025 (Part-44)	BDL(MDL:0.1)
7.	Ammonia as N	mg/L	APHA:4500 NH ₃ -B-C 23 rd Edition (Page: 4-114)	BDL(MDL:2.0)
8.	Chemical Oxygen Demand	mg/L	APHA:5220 B 23 rd Edition (Page: 5-18)	BDL(MDL:2.0)
9.	Total Kjeldahl Nitrogen	mg/L	IS:3025 (Part-34)	BDL(MDL:2.0)
10.	Total Dissolve Solids	mg/L	APHA:2540 C 23 rd Edition (Page: 2-69)	93
11.	Total Fixed Solids	mg/L	IS:3025 (Part-18)	98
12.	Total Suspended Solids	mg/L	APHA:2540 B 23 rd Edition (Page: 2-70)	BDL(MDL:4.0)
13.	Turbidity	NTU	IS:3025 (Part-10)	0.1
14.	Hardness	mg/L	IS:3025 (Part-21)	80
15.	Fluoride	mg/L	IS:3025 (Part-60)	BDL(MDL:0.1)
16.	Boron	mg/L	IS:3025 (Part-57)	ND
17.	Chloride	mg/L	APHA:4500 Cl ⁻ B 23 rd Edition (Page: 4-75)	3.9
18.	Sulphate	mg/L	IS:3025 (Part-28)	3.6
19.	Total Alkalinity	mg/L	IS:3025 (Part-23)	48
20.	P-Alkalinity	mg/L	IS:3025 (Part-23)	BDL(MDL:4.0)
21.	Phosphate	mg/L	IS:3550 -1965	BDL(MDL:0.1)
22.	Sodium	mg/L	IS:3025 (Part-45)	15.8
23.	Potassium	mg/L	IS:3025 (Part-45)	BDL(MDL:1.0)
24.	Calcium	mg/L	IS:3025 (Part-40)	17.63
25.	Magnesium	mg/L	IS:3025 (Part-46)	4.6
26.	Arsenic	mg/L	IS:3025 (Part-37)	BDL(MDL:0.01)

27.	Nickel	mg/L	IS:3025 (Part-54)	BDL(MDL:0.02)
28.	Copper	mg/L	IS:3025 (Part-42)	BDL(MDL:0.05)
29.	Mercury	mg/L	IS:3025 (Part-48)	BDL(MDL:0.001)
30.	Chromium	mg/L	IS:3025 (Part-52)	BDL(MDL:0.05)
31.	Cadmium	mg/L	IS:3025 (Part-41)	BDL(MDL:0.003)
32.	Zinc	mg/L	IS:3025 (Part-49)	BDL(MDL:0.05)
33.	Lead	mg/L	IS:3025 (Part-47)	BDL(MDL:0.01)
34.	Iron	mg/L	IS:3025 (Part-53)	BDL(MDL:0.01)
35.	Alpha BHC	ppb	USEPA 8081 A	BDL(MDL:0.01)
36.	Beta BHC	ppb	USEPA 8081 A	BDL(MDL:0.04)
37.	Gama BHC	ppb	USEPA 8081 A	BDL(MDL:2.0)
38.	OP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
39.	PP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
40.	Alpha Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
41.	Beta Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
42.	Dieldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
43.	2-4 D	ppb	USEPA 1699-2007	BDL(MDL:30.0)
44.	Aldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
45.	Chloropyriphos	ppb	USEPA 1699-2007	BDL(MDL:30.0)
46.	Carboryl (Carbamate)	ppb	USEPA 1699-2007	BDL(MDL:0.01)
47.	Methyl Parathin	ppb	USEPA 1699-2007	BDL(MDL:0.3)
48.	Anilophos	ppb	USEPA 1699-2007	BDL(MDL:0.01)
49.	Malathian	ppb	USEPA 8081 B	BDL(MDL:190.0)
50.	Total Coliform	MPN/ 100 ml	APHA:9221 B 23 rd Edition (Page: 9-69)	36
51.	Fecal Coliform	MPN/ 100 ml	APHA:9222 D 23 rd Edition (Page: 9-89)	5
52.	Fecal Streptococci	MPN/ 100 ml	IS:1622-1981 (R.A.-1996)	4

Statement of conformity:-

Remarks:

BDL: Below Detection Limit, MDL: Minimum Detection Limit

Mrs. Khushbu S. Gajjar
Technical Manager

Mr. Swastik R. Gajjar
Lab Manager(Q)

* End of Report *

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REPORT NUMBER: **EI/WW/0721/043**

DATE OF REPORT: **04-08-2021**

F/7.8/01/Issue No.01/Issue Date: 01-10-2018/ Amend No.:00 / Amend Date:-- / Page 2 of 2

TEST REPORT

REPORT NUMBER: EI/WW/0721/044**DATE OF REPORT: 04-08-2021****CLIENT NAME : POLLUTION CONTROL COMMITTEE,****Dadra and Nagar Haveli and Daman and Diu****ADDRESS : 1st Floor, Udyog Bhavan, Bhenslore, Daman- 396220,INDIA****SAMPLE DETAILS.**

Laboratory ID : EI/WW/0721/044	Date of Sampling : 29-07-2021
Sample Type : Surface Water	Date of Sample Receipt : 29-07-2021
Type of Sampling : Grab	Sample Condition : Good
Place of Sampling : D/s of Naroli Bridge,Silvassa,DNH	Quantity of Sample Received : 5 Liter
Description (GPS) : N 20°16'7", E 72°59'21"	Analysis Start Date : 29-07-2021
Sampling Protocol / Standard : IS3025 (Part 1):1987(R.A.2003)	Analysis End Date : 04-08-2021
Sampling Conducted By : Nimesh	Duration of Sampling : -

Sl. No	PARAMETER	UNIT	TEST METHOD	RESULTS
1.	Temperature	°C	APHA:2550 B 23 rd Edition (Page: 2-74)	27.3
2.	pH @ 25°C	pH	APHA:4500 H ⁺ B 23 rd Edition (Page: 4-13)	7.7
3.	Conductivity	µs/cm	IS:3025 (Part-14)	142
4.	Dissolve Oxygen	mg/L	IS:3025 (Part-38)	7.2
5.	Biological Oxygen Demand	mg/L	IS:3025 (Part-44)(3 Days at 27°C)	BDL(MDL:1.0)
6.	Nitrate as N	mg/L	IS:3025 (Part-44)	0.2
7.	Ammonia as N	mg/L	APHA:4500 NH ₃ -B-C 23 rd Edition (Page: 4-114)	BDL(MDL:2.0)
8.	Chemical Oxygen Demand	mg/L	APHA:5220 B 23 rd Edition (Page: 5-18)	BDL(MDL:2.0)
9.	Total Kjeldahl Nitrogen	mg/L	IS:3025 (Part-34)	BDL(MDL:2.0)
10.	Total Dissolve Solids	mg/L	APHA:2540 C 23 rd Edition (Page: 2-69)	88
11.	Total Fixed Solids	mg/L	IS:3025 (Part-18)	102
12.	Total Suspended Solids	mg/L	APHA:2540 B 23 rd Edition (Page: 2-70)	6
13.	Turbidity	NTU	IS:3025 (Part-10)	0.1
14.	Hardness	mg/L	IS:3025 (Part-21)	72
15.	Fluoride	mg/L	IS:3025 (Part-60)	BDL(MDL:0.1)
16.	Boron	mg/L	IS:3025 (Part-57)	ND
17.	Chloride	mg/L	APHA:4500 Cl ⁻ B 23 rd Edition (Page: 4-75)	5.9
18.	Sulphate	mg/L	IS:3025 (Part-28)	4.8
19.	Total Alkalinity	mg/L	IS:3025 (Part-23)	52
20.	P-Alkalinity	mg/L	IS:3025 (Part-23)	BDL(MDL:4.0)
21.	Phosphate	mg/L	IS:3550 -1965	BDL(MDL:0.1)
22.	Sodium	mg/L	IS:3025 (Part-45)	17.8
23.	Potassium	mg/L	IS:3025 (Part-45)	BDL(MDL:1.0)
24.	Calcium	mg/L	IS:3025 (Part-40)	16.3
25.	Magnesium	mg/L	IS:3025 (Part-46)	6.8

26.	Arsenic	mg/L	IS:3025 (Part-37)	BDL(MDL:0.01)
27.	Nickel	mg/L	IS:3025 (Part-54)	BDL(MDL:0.02)
28.	Copper	mg/L	IS:3025 (Part-42)	BDL(MDL:0.05)
29.	Mercury	mg/L	IS:3025 (Part-48)	BDL(MDL:0.001)
30.	Chromium	mg/L	IS:3025 (Part-52)	BDL(MDL:0.05)
31.	Cadmium	mg/L	IS:3025 (Part-41)	BDL(MDL:0.003)
32.	Zinc	mg/L	IS:3025 (Part-49)	0.65
33.	Lead	mg/L	IS:3025 (Part-47)	BDL(MDL:0.01)
34.	Iron	mg/L	IS:3025 (Part-53)	BDL(MDL:0.01)
35.	Alpha BHC	ppb	USEPA 8081 A	BDL(MDL:0.01)
36.	Beta BHC	ppb	USEPA 8081 A	BDL(MDL:0.04)
37.	Gama BHC	ppb	USEPA 8081 A	BDL(MDL:2.0)
38.	OP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
39.	PP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
40.	Alpha Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
41.	Beta Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
42.	Dieldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
43.	2-4 D	ppb	USEPA 1699-2007	BDL(MDL:30.0)
44.	Aldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
45.	Chloropyriphos	ppb	USEPA 1699-2007	BDL(MDL:30.0)
46.	Carboryl (Carbamate)	ppb	USEPA 1699-2007	BDL(MDL:0.01)
47.	Methyl Parathin	ppb	USEPA 1699-2007	BDL(MDL:0.3)
48.	Anilophos	ppb	USEPA 1699-2007	BDL(MDL:0.01)
49.	Malathian	ppb	USEPA 8081 B	BDL(MDL:190.0)
50.	Total Coliform	MPN/ 100 ml	APHA:9221 B 23 rd Edition (Page: 9-69)	38
51.	Fecal Coliform	MPN/ 100 ml	APHA:9222 D 23 rd Edition (Page: 9-89)	12
52.	Fecal Streptococci	MPN/ 100 ml	IS:1622-1981 (R.A.-1996)	3

Statement of conformity:-

Remarks:

BDL: Below Detection Limit, MDL: Minimum Detection Limit

Mrs. Khushbu S. Gajjar
Technical Manager

Mr. Swastik R. Gajjar
Lab Manager(Q)

* End of Report *

- 1) The results relate only to the items tested.
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REPORT NUMBER: **EI/WW/0721/044**

DATE OF REPORT: **04-08-2021**

F/7.8/01/Issue No.01/Issue Date: 01-10-2018/ Amend No.:00 / Amend Date:-- / Page 2 of 2

TEST REPORT

REPORT NUMBER: EI/WW/0721/045**DATE OF REPORT: 04-08-2021****CLIENT NAME : POLLUTION CONTROL COMMITTEE,****Dadra and Nagar Haveli and Daman and Diu****ADDRESS : 1st Floor, Udyog Bhavan, Bhenslore, Daman- 396220,INDIA****SAMPLE DETAILS.**

Laboratory ID : EI/WW/0721/045	Date of Sampling : 29-07-2021
Sample Type : Surface Water	Date of Sample Receipt : 29-07-2021
Type of Sampling : Grab	Sample Condition : Good
Place of Sampling : At Lawacha Temple	Quantity of Sample Received : 5 Liter
Description (GPS) : N 20°18'33.2", E 72°57'35.9"	Analysis Start Date : 29-07-2021
Sampling Protocol / Standard : IS3025 (Part 1):1987(R.A.2003)	Analysis End Date : 04-08-2021
Sampling Conducted By : Nimesh	Duration of Sampling : -

Sl. No	PARAMETER	UNIT	TEST METHOD	RESULTS
1.	Temperature	°C	APHA:2550 B 23 rd Edition (Page: 2-74)	28.1
2.	pH @ 25°C	pH	APHA:4500 H ⁺ B 23 rd Edition (Page: 4-13)	7.7
3.	Conductivity	µs/cm	IS:3025 (Part-14)	143
4.	Dissolve Oxygen	mg/L	IS:3025 (Part-38)	7.0
5.	Biological Oxygen Demand	mg/L	IS:3025 (Part-44)(3 Days at 27°C)	BDL(MDL:1.0)
6.	Nitrate as N	mg/L	IS:3025 (Part-44)	BDL(MDL:0.1)
7.	Ammonia as N	mg/L	APHA:4500 NH ₃ -B-C 23 rd Edition (Page: 4-114)	BDL(MDL:2.0)
8.	Chemical Oxygen Demand	mg/L	APHA:5220 B 23 rd Edition (Page: 5-18)	BDL(MDL:2.0)
9.	Total Kjeldahl Nitrogen	mg/L	IS:3025 (Part-34)	BDL(MDL:2.0)
10.	Total Dissolve Solids	mg/L	APHA:2540 C 23 rd Edition (Page: 2-69)	94
11.	Total Fixed Solids	mg/L	IS:3025 (Part-18)	103
12.	Total Suspended Solids	mg/L	APHA:2540 B 23 rd Edition (Page: 2-70)	BDL(MDL:4.0)
13.	Turbidity	NTU	IS:3025 (Part-10)	0.1
14.	Hardness	mg/L	IS:3025 (Part-21)	68
15.	Fluoride	mg/L	IS:3025 (Part-60)	0.25
16.	Boron	mg/L	IS:3025 (Part-57)	ND
17.	Chloride	mg/L	APHA:4500 Cl ⁻ B 23 rd Edition (Page: 4-75)	9.9
18.	Sulphate	mg/L	IS:3025 (Part-28)	3.5
19.	Total Alkalinity	mg/L	IS:3025 (Part-23)	88
20.	P-Alkalinity	mg/L	IS:3025 (Part-23)	BDL(MDL:4.0)
21.	Phosphate	mg/L	IS:3550 -1965	0.12
22.	Sodium	mg/L	IS:3025 (Part-45)	19.1
23.	Potassium	mg/L	IS:3025 (Part-45)	BDL(MDL:1.0)
24.	Calcium	mg/L	IS:3025 (Part-40)	20.84
25.	Magnesium	mg/L	IS:3025 (Part-46)	6.9
26.	Arsenic	mg/L	IS:3025 (Part-37)	BDL(MDL:0.01)

27.	Nickel	mg/L	IS:3025 (Part-54)	BDL(MDL:0.02)
28.	Copper	mg/L	IS:3025 (Part-42)	BDL(MDL:0.05)
29.	Mercury	mg/L	IS:3025 (Part-48)	BDL(MDL:0.001)
30.	Chromium	mg/L	IS:3025 (Part-52)	BDL(MDL:0.05)
31.	Cadmium	mg/L	IS:3025 (Part-41)	BDL(MDL:0.003)
32.	Zinc	mg/L	IS:3025 (Part-49)	BDL(MDL:0.05)
33.	Lead	mg/L	IS:3025 (Part-47)	BDL(MDL:0.01)
34.	Iron	mg/L	IS:3025 (Part-53)	BDL(MDL:0.01)
35.	Alpha BHC	ppb	USEPA 8081 A	BDL(MDL:0.01)
36.	Beta BHC	ppb	USEPA 8081 A	BDL(MDL:0.04)
37.	Gama BHC	ppb	USEPA 8081 A	BDL(MDL:2.0)
38.	OP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
39.	PP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
40.	Alpha Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
41.	Beta Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
42.	Dieldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
43.	2-4 D	ppb	USEPA 1699-2007	BDL(MDL:30.0)
44.	Aldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
45.	Chloropyriphos	ppb	USEPA 1699-2007	BDL(MDL:30.0)
46.	Carboryl (Carbamate)	ppb	USEPA 1699-2007	BDL(MDL:0.01)
47.	Methyl Parathin	ppb	USEPA 1699-2007	BDL(MDL:0.3)
48.	Anilophos	ppb	USEPA 1699-2007	BDL(MDL:0.01)
49.	Malathian	ppb	USEPA 8081 B	BDL(MDL:190.0)
50.	Total Coliform	MPN/ 100 ml	APHA:9221 B 23 rd Edition (Page: 9-69)	84
51.	Fecal Coliform	MPN/ 100 ml	APHA:9222 D 23 rd Edition (Page: 9-89)	36
52.	Fecal Streptococci	MPN/ 100 ml	IS:1622-1981 (R.A.-1996)	10

Statement of conformity:-

Remarks:

BDL: Below Detection Limit, MDL: Minimum Detection Limit

Mrs. Khushbu S. Gajjar
Technical Manager

Mr. Swastik R. Gajjar
Lab Manager(Q)

* End of Report *

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REPORT NUMBER: **EI/WW/0721/045**

DATE OF REPORT: **04-08-2021**

F/7.8/01/Issue No.01/Issue Date: 01-10-2018/ Amend No.:00 / Amend Date:-- / Page 2 of 2

TEST REPORT

REPORT NUMBER: EI/WW/0721/046**DATE OF REPORT: 04-08-2021****CLIENT NAME : POLLUTION CONTROL COMMITTEE,****Dadra and Nagar Haveli and Daman and Diu****ADDRESS : 1st Floor, Udyog Bhavan, Bhenslore, Daman- 396220,INDIA****SAMPLE DETAILS.**

Laboratory ID : EI/WW/0721/046	Date of Sampling : 29-07-2021
Sample Type : Surface Water	Date of Sample Receipt : 29-07-2021
Type of Sampling : Grab	Sample Condition : Good
Place of Sampling : Near Surat Beverages, Dadra,DNH	Quantity of Sample Received : 5 Liter
Description (GPS) : N 20°18'33.2568" E72°57'35.8122"	Analysis Start Date : 29-07-2021
Sampling Protocol / Standard : IS3025 (Part 1):1987(R.A.2003)	Analysis End Date : 04-08-2021
Sampling Conducted By : Nimesh	Duration of Sampling : -

Sl. No	PARAMETER	UNIT	TEST METHOD	RESULTS
1.	Temperature	°C	APHA:2550 B 23 rd Edition (Page: 2-74)	28.4
2.	pH @ 25°C	pH	APHA:4500 H ⁺ B 23 rd Edition (Page: 4-13)	7.97
3.	Conductivity	µs/cm	IS:3025 (Part-14)	215
4.	Dissolve Oxygen	mg/L	IS:3025 (Part-38)	6.8
5.	Biological Oxygen Demand	mg/L	IS:3025 (Part-44)(3 Days at 27°C)	BDL(MDL:1.0)
6.	Nitrate as N	mg/L	IS:3025 (Part-44)	0.4
7.	Ammonia as N	mg/L	APHA:4500 NH ₃ -B-C 23 rd Edition (Page: 4-114)	BDL(MDL:2.0)
8.	Chemical Oxygen Demand	mg/L	APHA:5220 B 23 rd Edition (Page: 5-18)	BDL(MDL:2.0)
9.	Total Kjeldahl Nitrogen	mg/L	IS:3025 (Part-34)	BDL(MDL:2.0)
10.	Total Dissolve Solids	mg/L	APHA:2540 C 23 rd Edition (Page: 2-69)	142
11.	Total Fixed Solids	mg/L	IS:3025 (Part-18)	109
12.	Total Suspended Solids	mg/L	APHA:2540 B 23 rd Edition (Page: 2-70)	5
13.	Turbidity	NTU	IS:3025 (Part-10)	0.1
14.	Hardness	mg/L	IS:3025 (Part-21)	80
15.	Fluoride	mg/L	IS:3025 (Part-60)	BDL(MDL:0.1)
16.	Boron	mg/L	IS:3025 (Part-57)	ND
17.	Chloride	mg/L	APHA:4500 Cl ⁻ B 23 rd Edition (Page: 4-75)	17.9
18.	Sulphate	mg/L	IS:3025 (Part-28)	2.4
19.	Total Alkalinity	mg/L	IS:3025 (Part-23)	62
20.	P-Alkalinity	mg/L	IS:3025 (Part-23)	BDL(MDL:4.0)
21.	Phosphate	mg/L	IS:3550 -1965	BDL(MDL:0.1)
22.	Sodium	mg/L	IS:3025 (Part-45)	16.2
23.	Potassium	mg/L	IS:3025 (Part-45)	BDL(MDL:1.0)
24.	Calcium	mg/L	IS:3025 (Part-40)	25.64
25.	Magnesium	mg/L	IS:3025 (Part-46)	7.3

26.	Arsenic	mg/L	IS:3025 (Part-37)	BDL(MDL:0.01)
27.	Nickel	mg/L	IS:3025 (Part-54)	BDL(MDL:0.02)
28.	Copper	mg/L	IS:3025 (Part-42)	BDL(MDL:0.05)
29.	Mercury	mg/L	IS:3025 (Part-48)	BDL(MDL:0.001)
30.	Chromium	mg/L	IS:3025 (Part-52)	BDL(MDL:0.05)
31.	Cadmium	mg/L	IS:3025 (Part-41)	BDL(MDL:0.003)
32.	Zinc	mg/L	IS:3025 (Part-49)	BDL(MDL:0.05)
33.	Lead	mg/L	IS:3025 (Part-47)	BDL(MDL:0.01)
34.	Iron	mg/L	IS:3025 (Part-53)	BDL(MDL:0.01)
35.	Alpha BHC	ppb	USEPA 8081 A	BDL(MDL:0.01)
36.	Beta BHC	ppb	USEPA 8081 A	BDL(MDL:0.04)
37.	Gama BHC	ppb	USEPA 8081 A	BDL(MDL:2.0)
38.	OP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
39.	PP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
40.	Alpha Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
41.	Beta Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
42.	Dieldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
43.	2-4 D	ppb	USEPA 1699-2007	BDL(MDL:30.0)
44.	Aldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
45.	Chloropyriphos	ppb	USEPA 1699-2007	BDL(MDL:30.0)
46.	Carboryl (Carbamate)	ppb	USEPA 1699-2007	BDL(MDL:0.01)
47.	Methyl Parathin	ppb	USEPA 1699-2007	BDL(MDL:0.3)
48.	Anilophos	ppb	USEPA 1699-2007	BDL(MDL:0.01)
49.	Malathian	ppb	USEPA 8081 B	BDL(MDL:190.0)
50.	Total Coliform	MPN/ 100 ml	APHA:9221 B 23 rd Edition (Page: 9-69)	62
51.	Fecal Coliform	MPN/ 100 ml	APHA:9222 D 23 rd Edition (Page: 9-89)	12
52.	Fecal Streptococci	MPN/ 100 ml	IS:1622-1981 (R.A.-1996)	6

Statement of conformity:-

Remarks:

BDL: Below Detection Limit, MDL: Minimum Detection Limit

Mrs. Khushbu S. Gajjar
Technical Manager

Mr. Swastik R. Gajjar
Lab Manager(Q)

* End of Report *

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REPORT NUMBER: **EI/WW/0721/046**

DATE OF REPORT: **04-08-2021**

F/7.8/01/Issue No.01/Issue Date: 01-10-2018/ Amend No.:00 / Amend Date:-- / Page 2 of 2

TEST REPORT

REPORT NUMBER: EI/WW/0721/047**DATE OF REPORT: 04-08-2021****CLIENT NAME : POLLUTION CONTROL COMMITTEE,****Dadra and Nagar Haveli and Daman and Diu****ADDRESS : 1st Floor, Udyog Bhavan, Bhenslore, Daman- 396220,INDIA****SAMPLE DETAILS.**

Laboratory ID : EI/WW/0721/047	Date of Sampling : 29-07-2021
Sample Type : Surface Water	Date of Sample Receipt : 29-07-2021
Type of Sampling : Grab	Sample Condition : Good
Place of Sampling : At Vapi Weir, Vapi	Quantity of Sample Received : 5 Liter
Description (GPS) : N 20°20'23.42", E 72°54'34.49"	Analysis Start Date : 29-07-2021
Sampling Protocol / Standard : IS3025 (Part 1):1987(R.A.2003)	Analysis End Date : 04-08-2021
Sampling Conducted By : Nimesh	Duration of Sampling : -

Sl. No	PARAMETER	UNIT	TEST METHOD	RESULTS
1.	Temperature	°C	APHA:2550 B 23 rd Edition (Page: 2-74)	28.5
2.	pH @ 25°C	pH	APHA:4500 H ⁺ B 23 rd Edition (Page: 4-13)	8.07
3.	Conductivity	µs/cm	IS:3025 (Part-14)	207
4.	Dissolve Oxygen	mg/L	IS:3025 (Part-38)	4.9
5.	Biological Oxygen Demand	mg/L	IS:3025 (Part-44)(3 Days at 27°C)	5.2
6.	Nitrate as N	mg/L	IS:3025 (Part-44)	2
7.	Ammonia as N	mg/L	APHA:4500 NH ₃ -B-C 23 rd Edition (Page: 4-114)	BDL(MDL:2.0)
8.	Chemical Oxygen Demand	mg/L	APHA:5220 B 23 rd Edition (Page: 5-18)	12.3
9.	Total Kjeldahl Nitrogen	mg/L	IS:3025 (Part-34)	BDL(MDL:2.0)
10.	Total Dissolve Solids	mg/L	APHA:2540 C 23 rd Edition (Page: 2-69)	76
11.	Total Fixed Solids	mg/L	IS:3025 (Part-18)	124
12.	Total Suspended Solids	mg/L	APHA:2540 B 23 rd Edition (Page: 2-70)	BDL(MDL:4.0)
13.	Turbidity	NTU	IS:3025 (Part-10)	0.1
14.	Hardness	mg/L	IS:3025 (Part-21)	76
15.	Fluoride	mg/L	IS:3025 (Part-60)	BDL(MDL:0.1)
16.	Boron	mg/L	IS:3025 (Part-57)	ND
17.	Chloride	mg/L	APHA:4500 Cl ⁻ B 23 rd Edition (Page: 4-75)	18.4
18.	Sulphate	mg/L	IS:3025 (Part-28)	7
19.	Total Alkalinity	mg/L	IS:3025 (Part-23)	64
20.	P-Alkalinity	mg/L	IS:3025 (Part-23)	BDL(MDL:4.0)
21.	Phosphate	mg/L	IS:3550 -1965	0.15
22.	Sodium	mg/L	IS:3025 (Part-45)	22.8
23.	Potassium	mg/L	IS:3025 (Part-45)	1.3
24.	Calcium	mg/L	IS:3025 (Part-40)	22.44
25.	Magnesium	mg/L	IS:3025 (Part-46)	6.7
26.	Arsenic	mg/L	IS:3025 (Part-37)	BDL(MDL:0.01)

27.	Nickel	mg/L	IS:3025 (Part-54)	BDL(MDL:0.02)
28.	Copper	mg/L	IS:3025 (Part-42)	BDL(MDL:0.05)
29.	Mercury	mg/L	IS:3025 (Part-48)	BDL(MDL:0.001)
30.	Chromium	mg/L	IS:3025 (Part-52)	BDL(MDL:0.05)
31.	Cadmium	mg/L	IS:3025 (Part-41)	BDL(MDL:0.003)
32.	Zinc	mg/L	IS:3025 (Part-49)	BDL(MDL:0.05)
33.	Lead	mg/L	IS:3025 (Part-47)	BDL(MDL:0.01)
34.	Iron	mg/L	IS:3025 (Part-53)	0.119
35.	Alpha BHC	ppb	USEPA 8081 A	BDL(MDL:0.01)
36.	Beta BHC	ppb	USEPA 8081 A	BDL(MDL:0.04)
37.	Gama BHC	ppb	USEPA 8081 A	BDL(MDL:2.0)
38.	OP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
39.	PP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
40.	Alpha Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
41.	Beta Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
42.	Dieldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
43.	2-4 D	ppb	USEPA 1699-2007	BDL(MDL:30.0)
44.	Aldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
45.	Chloropyriphos	ppb	USEPA 1699-2007	BDL(MDL:30.0)
46.	Carboryl (Carbamate)	ppb	USEPA 1699-2007	BDL(MDL:0.01)
47.	Methyl Parathin	ppb	USEPA 1699-2007	BDL(MDL:0.3)
48.	Anilophos	ppb	USEPA 1699-2007	BDL(MDL:0.01)
49.	Malathian	ppb	USEPA 8081 B	BDL(MDL:190.0)
50.	Total Coliform	MPN/ 100 ml	APHA:9221 B 23 rd Edition (Page: 9-69)	236
51.	Fecal Coliform	MPN/ 100 ml	APHA:9222 D 23 rd Edition (Page: 9-89)	78
52.	Fecal Streptococci	MPN/ 100 ml	IS:1622-1981 (R.A.-1996)	60

Statement of conformity:-

Remarks:

BDL: Below Detection Limit, MDL: Minimum Detection Limit

Mrs. Khushbu S. Gajjar
Technical Manager

Mr. Swastik R. Gajjar
Lab Manager(Q)

* End of Report *

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REPORT NUMBER: **EI/WW/0721/047**

DATE OF REPORT: **04-08-2021**

F/7.8/01/Issue No.01/Issue Date: 01-10-2018/ Amend No.:00 / Amend Date:-- / Page 2 of 2

TEST REPORT

REPORT NUMBER: EI/WW/0721/048**DATE OF REPORT: 04-08-2021****CLIENT NAME : POLLUTION CONTROL COMMITTEE,****Dadra and Nagar Haveli and Daman and Diu****ADDRESS : 1st Floor, Udyog Bhavan, Bhenslore, Daman- 396220,INDIA****SAMPLE DETAILS.**

Laboratory ID : EI/WW/0721/048	Date of Sampling : 29-07-2021
Sample Type : Surface Water	Date of Sample Receipt : 29-07-2021
Type of Sampling : Grab	Sample Condition : Good
Place of Sampling : At Namdha Village	Quantity of Sample Received : 5 Liter
Description (GPS) : N 20°21'45.8", E 72°52'52.3"	Analysis Start Date : 29-07-2021
Sampling Protocol / Standard : IS3025 (Part 1):1987(R.A.2003)	Analysis End Date : 04-08-2021
Sampling Conducted By : Nimesh	Duration of Sampling : -

Sl. No	PARAMETER	UNIT	TEST METHOD	RESULTS
1.	Temperature	°C	APHA:2550 B 23 rd Edition (Page: 2-74)	27.6
2.	pH @ 25°C	pH	APHA:4500 H ⁺ B 23 rd Edition (Page: 4-13)	7.87
3.	Conductivity	µs/cm	IS:3025 (Part-14)	192
4.	Dissolve Oxygen	mg/L	IS:3025 (Part-38)	4.5
5.	Biological Oxygen Demand	mg/L	IS:3025 (Part-44)(3 Days at 27°C)	4.9
6.	Nitrate as N	mg/L	IS:3025 (Part-44)	1.0
7.	Ammonia as N	mg/L	APHA:4500 NH ₃ -B-C 23 rd Edition (Page: 4-114)	2.4
8.	Chemical Oxygen Demand	mg/L	APHA:5220 B 23 rd Edition (Page: 5-18)	15.3
9.	Total Kjeldahl Nitrogen	mg/L	IS:3025 (Part-34)	14.9
10.	Total Dissolve Solids	mg/L	APHA:2540 C 23 rd Edition (Page: 2-69)	128
11.	Total Fixed Solids	mg/L	IS:3025 (Part-18)	124
12.	Total Suspended Solids	mg/L	APHA:2540 B 23 rd Edition (Page: 2-70)	24
13.	Turbidity	NTU	IS:3025 (Part-10)	0.1
14.	Hardness	mg/L	IS:3025 (Part-21)	248
15.	Fluoride	mg/L	IS:3025 (Part-60)	BDL(MDL:0.1)
16.	Boron	mg/L	IS:3025 (Part-57)	0.15
17.	Chloride	mg/L	APHA:4500 Cl ⁻ B 23 rd Edition (Page: 4-75)	165
18.	Sulphate	mg/L	IS:3025 (Part-28)	49.2
19.	Total Alkalinity	mg/L	IS:3025 (Part-23)	78
20.	P-Alkalinity	mg/L	IS:3025 (Part-23)	BDL(MDL:4.0)
21.	Phosphate	mg/L	IS:3550 -1965	0.1
22.	Sodium	mg/L	IS:3025 (Part-45)	120.1
23.	Potassium	mg/L	IS:3025 (Part-45)	6.8
24.	Calcium	mg/L	IS:3025 (Part-40)	40.3
25.	Magnesium	mg/L	IS:3025 (Part-46)	31.4
26.	Arsenic	mg/L	IS:3025 (Part-37)	BDL(MDL:0.01)

27.	Nickel	mg/L	IS:3025 (Part-54)	BDL(MDL:0.02)
28.	Copper	mg/L	IS:3025 (Part-42)	BDL(MDL:0.05)
29.	Mercury	mg/L	IS:3025 (Part-48)	BDL(MDL:0.001)
30.	Chromium	mg/L	IS:3025 (Part-52)	BDL(MDL:0.05)
31.	Cadmium	mg/L	IS:3025 (Part-41)	BDL(MDL:0.003)
32.	Zinc	mg/L	IS:3025 (Part-49)	BDL(MDL:0.05)
33.	Lead	mg/L	IS:3025 (Part-47)	BDL(MDL:0.01)
34.	Iron	mg/L	IS:3025 (Part-53)	0.724
35.	Alpha BHC	ppb	USEPA 8081 A	BDL(MDL:0.01)
36.	Beta BHC	ppb	USEPA 8081 A	BDL(MDL:0.04)
37.	Gama BHC	ppb	USEPA 8081 A	BDL(MDL:2.0)
38.	OP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
39.	PP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
40.	Alpha Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
41.	Beta Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
42.	Dieldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
43.	2-4 D	ppb	USEPA 1699-2007	BDL(MDL:30.0)
44.	Aldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
45.	Chloropyriphos	ppb	USEPA 1699-2007	BDL(MDL:30.0)
46.	Carboryl (Carbamate)	ppb	USEPA 1699-2007	BDL(MDL:0.01)
47.	Methyl Parathin	ppb	USEPA 1699-2007	BDL(MDL:0.3)
48.	Anilophos	ppb	USEPA 1699-2007	BDL(MDL:0.01)
49.	Malathian	ppb	USEPA 8081 B	BDL(MDL:190.0)
50.	Total Coliform	MPN/ 100 ml	APHA:9221 B 23 rd Edition (Page: 9-69)	520
51.	Fecal Coliform	MPN/ 100 ml	APHA:9222 D 23 rd Edition (Page: 9-89)	360
52.	Fecal Streptococci	MPN/ 100 ml	IS:1622-1981 (R.A.-1996)	40

Statement of conformity:-

Remarks:

BDL: Below Detection Limit, MDL: Minimum Detection Limit

Mrs. Khushbu S. Gajjar
Technical Manager

Mr. Swastik R. Gajjar
Lab Manager(Q)

* End of Report *

- 1) The results relate only to the items tested.
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REPORT NUMBER: **EI/WW/0721/048**

DATE OF REPORT: **04-08-2021**

F/7.8/01/Issue No.01/Issue Date: 01-10-2018/ Amend No.:00 / Amend Date:-- / Page 2 of 2

TEST REPORT

REPORT NUMBER: EI/WW/0721/049**DATE OF REPORT: 04-08-2021****CLIENT NAME : POLLUTION CONTROL COMMITTEE,****Dadra and Nagar Haveli and Daman and Diu****ADDRESS : 1st Floor, Udyog Bhavan, Bhenslore, Daman- 396220,INDIA****SAMPLE DETAILS.**

Laboratory ID : EI/WW/0721/049	Date of Sampling : 29-07-2021
Sample Type : Surface Water	Date of Sample Receipt : 29-07-2021
Type of Sampling : Grab	Sample Condition : Good
Place of Sampling : At Zari Causeway, Kachigam	Quantity of Sample Received : 5 Liter
Description (GPS) : N 20°22'18.62", E 72°52'50.52"	Analysis Start Date : 29-07-2021
Sampling Protocol / Standard : IS3025 (Part 1):1987(R.A.2003)	Analysis End Date : 04-08-2021
Sampling Conducted By : Nimesh	Duration of Sampling : -

Sl. No	PARAMETER	UNIT	TEST METHOD	RESULTS
1.	Temperature	°C	APHA:2550 B 23 rd Edition (Page: 2-74)	27.6
2.	pH @ 25°C	pH	APHA:4500 H ⁺ B 23 rd Edition (Page: 4-13)	7.60
3.	Conductivity	µs/cm	IS:3025 (Part-14)	3641
4.	Dissolve Oxygen	mg/L	IS:3025 (Part-38)	5.4
5.	Biological Oxygen Demand	mg/L	IS:3025 (Part-44)(3 Days at 27°C)	4.1
6.	Nitrate as N	mg/L	IS:3025 (Part-44)	0.5
7.	Ammonia as N	mg/L	APHA:4500 NH ₃ -B-C 23 rd Edition (Page: 4-114)	3.8
8.	Chemical Oxygen Demand	mg/L	APHA:5220 B 23 rd Edition (Page: 5-18)	14.2
9.	Total Kjeldahl Nitrogen	mg/L	IS:3025 (Part-34)	6.6
10.	Total Dissolve Solids	mg/L	APHA:2540 C 23 rd Edition (Page: 2-69)	2357
11.	Total Fixed Solids	mg/L	IS:3025 (Part-18)	1413
12.	Total Suspended Solids	mg/L	APHA:2540 B 23 rd Edition (Page: 2-70)	23
13.	Turbidity	NTU	IS:3025 (Part-10)	0.1
14.	Hardness	mg/L	IS:3025 (Part-21)	489.7
15.	Fluoride	mg/L	IS:3025 (Part-60)	BDL(MDL:0.1)
16.	Boron	mg/L	IS:3025 (Part-57)	0.18
17.	Chloride	mg/L	APHA:4500 Cl ⁻ B 23 rd Edition (Page: 4-75)	1287.2
18.	Sulphate	mg/L	IS:3025 (Part-28)	316.2
19.	Total Alkalinity	mg/L	IS:3025 (Part-23)	82
20.	P-Alkalinity	mg/L	IS:3025 (Part-23)	BDL(MDL:4.0)
21.	Phosphate	mg/L	IS:3550 -1965	3.5
22.	Sodium	mg/L	IS:3025 (Part-45)	768.2
23.	Potassium	mg/L	IS:3025 (Part-45)	29.8
24.	Calcium	mg/L	IS:3025 (Part-40)	56.4
25.	Magnesium	mg/L	IS:3025 (Part-46)	82.4
26.	Arsenic	mg/L	IS:3025 (Part-37)	BDL(MDL:0.01)

27.	Nickel	mg/L	IS:3025 (Part-54)	0.024
28.	Copper	mg/L	IS:3025 (Part-42)	BDL(MDL:0.05)
29.	Mercury	mg/L	IS:3025 (Part-48)	BDL(MDL:0.001)
30.	Chromium	mg/L	IS:3025 (Part-52)	BDL(MDL:0.05)
31.	Cadmium	mg/L	IS:3025 (Part-41)	BDL(MDL:0.003)
32.	Zinc	mg/L	IS:3025 (Part-49)	BDL(MDL:0.05)
33.	Lead	mg/L	IS:3025 (Part-47)	BDL(MDL:0.01)
34.	Iron	mg/L	IS:3025 (Part-53)	BDL(MDL:0.01)
35.	Alpha BHC	ppb	USEPA 8081 A	BDL(MDL:0.01)
36.	Beta BHC	ppb	USEPA 8081 A	BDL(MDL:0.04)
37.	Gama BHC	ppb	USEPA 8081 A	BDL(MDL:2.0)
38.	OP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
39.	PP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
40.	Alpha Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
41.	Beta Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
42.	Dieldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
43.	2-4 D	ppb	USEPA 1699-2007	BDL(MDL:30.0)
44.	Aldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
45.	Chloropyriphos	ppb	USEPA 1699-2007	BDL(MDL:30.0)
46.	Carboryl (Carbamate)	ppb	USEPA 1699-2007	BDL(MDL:0.01)
47.	Methyl Parathin	ppb	USEPA 1699-2007	BDL(MDL:0.3)
48.	Anilophos	ppb	USEPA 1699-2007	BDL(MDL:0.01)
49.	Malathian	ppb	USEPA 8081 B	BDL(MDL:190.0)
50.	Total Coliform	MPN/ 100 ml	APHA:9221 B 23 rd Edition (Page: 9-69)	920
51.	Fecal Coliform	MPN/ 100 ml	APHA:9222 D 23 rd Edition (Page: 9-89)	460
52.	Fecal Streptococci	MPN/ 100 ml	IS:1622-1981 (R.A.-1996)	140

Statement of conformity:-

Remarks:

BDL: Below Detection Limit, MDL: Minimum Detection Limit

Mrs. Khushbu S. Gajjar
Technical Manager

Mr. Swastik R. Gajjar
Lab Manager(Q)

* End of Report *

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REPORT NUMBER: **EI/WW/0721/049**

DATE OF REPORT: **04-08-2021**

F/7.8/01/Issue No.01/Issue Date: 01-10-2018/ Amend No.:00 / Amend Date:-- / Page 2 of 2

TEST REPORT

REPORT NUMBER: EI/WW/0721/050**DATE OF REPORT: 04-08-2021****CLIENT NAME : POLLUTION CONTROL COMMITTEE,****Dadra and Nagar Haveli and Daman and Diu****ADDRESS : 1st Floor, Udyog Bhavan, Bhenslore, Daman- 396220,INDIA****SAMPLE DETAILS.**

Laboratory ID : EI/WW/0721/050	Date of Sampling : 29-07-2021
Sample Type : Surface Water	Date of Sample Receipt : 29-07-2021
Type of Sampling : Grab	Sample Condition : Good
Place of Sampling : At Moti Daman Jetty	Quantity of Sample Received : 5 Liter
Description (GPS) : N 20°24'40.18", E 72°50'3.19"	Analysis Start Date : 29-07-2021
Sampling Protocol / Standard : IS3025 (Part 1):1987(R.A.2003)	Analysis End Date : 04-08-2021
Sampling Conducted By : Nimesh	Duration of Sampling : -

Sl. No	PARAMETER	UNIT	TEST METHOD	RESULTS
1.	Temperature	°C	APHA:2550 B 23 rd Edition (Page: 2-74)	27.8
2.	pH @ 25°C	pH	APHA:4500 H ⁺ B 23 rd Edition (Page: 4-13)	8.25
3.	Conductivity	µs/cm	IS:3025 (Part-14)	23258
4.	Dissolve Oxygen	mg/L	IS:3025 (Part-38)	5.9
5.	Biological Oxygen Demand	mg/L	IS:3025 (Part-44)(3 Days at 27°C)	3.8
6.	Nitrate as N	mg/L	IS:3025 (Part-44)	0.5
7.	Ammonia as N	mg/L	APHA:4500 NH ₃ -B-C 23 rd Edition (Page: 4-114)	6.1
8.	Chemical Oxygen Demand	mg/L	APHA:5220 B 23 rd Edition (Page: 5-18)	12.4
9.	Total Kjeldahl Nitrogen	mg/L	IS:3025 (Part-34)	5.6
10.	Total Dissolve Solids	mg/L	APHA:2540 C 23 rd Edition (Page: 2-69)	14620
11.	Total Fixed Solids	mg/L	IS:3025 (Part-18)	10257
12.	Total Suspended Solids	mg/L	APHA:2540 B 23 rd Edition (Page: 2-70)	138
13.	Turbidity	NTU	IS:3025 (Part-10)	1
14.	Hardness	mg/L	IS:3025 (Part-21)	3316
15.	Fluoride	mg/L	IS:3025 (Part-60)	BDL(MDL:0.1)
16.	Boron	mg/L	IS:3025 (Part-57)	0.18
17.	Chloride	mg/L	APHA:4500 Cl ⁻ B 23 rd Edition (Page: 4-75)	8752.8
18.	Sulphate	mg/L	IS:3025 (Part-28)	1120
19.	Total Alkalinity	mg/L	IS:3025 (Part-23)	118
20.	P-Alkalinity	mg/L	IS:3025 (Part-23)	BDL(MDL:4.0)
21.	Phosphate	mg/L	IS:3550 -1965	2.5
22.	Sodium	mg/L	IS:3025 (Part-45)	4864
23.	Potassium	mg/L	IS:3025 (Part-45)	224
24.	Calcium	mg/L	IS:3025 (Part-40)	184.4
25.	Magnesium	mg/L	IS:3025 (Part-46)	542.6
26.	Arsenic	mg/L	IS:3025 (Part-37)	BDL(MDL:0.01)

27.	Nickel	mg/L	IS:3025 (Part-54)	0.514
28.	Copper	mg/L	IS:3025 (Part-42)	0.078
29.	Mercury	mg/L	IS:3025 (Part-48)	BDL(MDL:0.001)
30.	Chromium	mg/L	IS:3025 (Part-52)	0.064
31.	Cadmium	mg/L	IS:3025 (Part-41)	0.241
32.	Zinc	mg/L	IS:3025 (Part-49)	0.06
33.	Lead	mg/L	IS:3025 (Part-47)	BDL(MDL:0.01)
34.	Iron	mg/L	IS:3025 (Part-53)	0.656
35.	Alpha BHC	ppb	USEPA 8081 A	BDL(MDL:0.01)
36.	Beta BHC	ppb	USEPA 8081 A	BDL(MDL:0.04)
37.	Gama BHC	ppb	USEPA 8081 A	BDL(MDL:2.0)
38.	OP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
39.	PP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
40.	Alpha Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
41.	Beta Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
42.	Dieldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
43.	2-4 D	ppb	USEPA 1699-2007	BDL(MDL:30.0)
44.	Aldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
45.	Chloropyriphos	ppb	USEPA 1699-2007	BDL(MDL:30.0)
46.	Carboryl (Carbamate)	ppb	USEPA 1699-2007	BDL(MDL:0.01)
47.	Methyl Parathin	ppb	USEPA 1699-2007	BDL(MDL:0.3)
48.	Anilophos	ppb	USEPA 1699-2007	BDL(MDL:0.01)
49.	Malathian	ppb	USEPA 8081 B	BDL(MDL:190.0)
50.	Total Coliform	MPN/ 100 ml	APHA:9221 B 23 rd Edition (Page: 9-69)	126
51.	Fecal Coliform	MPN/ 100 ml	APHA:9222 D 23 rd Edition (Page: 9-89)	36
52.	Fecal Streptococci	MPN/ 100 ml	IS:1622-1981 (R.A.-1996)	24

Statement of conformity:-

Remarks:

BDL: Below Detection Limit, MDL: Minimum Detection Limit

Mrs. Khushbu S. Gajjar
Technical Manager

Mr. Swastik R. Gajjar
Lab Manager(Q)

* End of Report *

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REPORT NUMBER: **EI/WW/0721/050**

DATE OF REPORT: **04-08-2021**

F/7.8/01/Issue No.01/Issue Date: 01-10-2018/ Amend No.:00 / Amend Date:-- / Page 2 of 2

TEST REPORT

REPORT NUMBER: EI/WW/0721/051**DATE OF REPORT: 04-08-2021****CLIENT NAME : POLLUTION CONTROL COMMITTEE,****Dadra and Nagar Haveli and Daman and Diu****ADDRESS : 1st Floor, Udyog Bhavan, Bhenslore, Daman- 396220,INDIA****SAMPLE DETAILS.**

Laboratory ID : EI/WW/0721/051	Date of Sampling : 29-07-2021
Sample Type : Surface Water	Date of Sample Receipt : 29-07-2021
Type of Sampling : Grab	Sample Condition : Good
Place of Sampling : Outlet of CETP, Vapi	Quantity of Sample Received : 5 Liter
Description (GPS) : N 20°20'34.62"E72°54'20.38"	Analysis Start Date : 29-07-2021
Sampling Protocol / Standard : IS3025 (Part 1):1987(R.A.2003)	Analysis End Date : 04-08-2021
Sampling Conducted By : Nimesh	Duration of Sampling : -

Sl. No	PARAMETER	UNIT	TEST METHOD	RESULTS
1.	Temperature	°C	APHA:2550 B 23 rd Edition (Page: 2-74)	28.2
2.	pH @ 25°C	pH	APHA:4500 H ⁺ B 23 rd Edition (Page: 4-13)	6.55
3.	Conductivity	µs/cm	IS:3025 (Part-14)	5087
4.	Dissolve Oxygen	mg/L	IS:3025 (Part-38)	4.7
5.	Biological Oxygen Demand	mg/L	IS:3025 (Part-44)(3 Days at 27°C)	12
6.	Nitrate as N	mg/L	IS:3025 (Part-44)	1.8
7.	Ammonia as N	mg/L	APHA:4500 NH ₃ -B-C 23 rd Edition (Page: 4-114)	15.4
8.	Chemical Oxygen Demand	mg/L	APHA:5220 B 23 rd Edition (Page: 5-18)	34.5
9.	Total Kjeldahl Nitrogen	mg/L	IS:3025 (Part-34)	46.2
10.	Total Dissolve Solids	mg/L	APHA:2540 C 23 rd Edition (Page: 2-69)	3255
11.	Total Fixed Solids	mg/L	IS:3025 (Part-18)	2875
12.	Total Suspended Solids	mg/L	APHA:2540 B 23 rd Edition (Page: 2-70)	26
13.	Turbidity	NTU	IS:3025 (Part-10)	1
14.	Hardness	mg/L	IS:3025 (Part-21)	1342
15.	Fluoride	mg/L	IS:3025 (Part-60)	BDL(MDL:0.1)
16.	Boron	mg/L	IS:3025 (Part-57)	0.22
17.	Chloride	mg/L	APHA:4500 Cl ⁻ B 23 rd Edition (Page: 4-75)	1676.2
18.	Sulphate	mg/L	IS:3025 (Part-28)	957
19.	Total Alkalinity	mg/L	IS:3025 (Part-23)	202
20.	P-Alkalinity	mg/L	IS:3025 (Part-23)	BDL(MDL:4.0)
21.	Phosphate	mg/L	IS:3550 -1965	2.8
22.	Sodium	mg/L	IS:3025 (Part-45)	964.6
23.	Potassium	mg/L	IS:3025 (Part-45)	43.4
24.	Calcium	mg/L	IS:3025 (Part-40)	234.2
25.	Magnesium	mg/L	IS:3025 (Part-46)	175.6
26.	Arsenic	mg/L	IS:3025 (Part-37)	BDL(MDL:0.01)

27.	Nickel	mg/L	IS:3025 (Part-54)	0.194
28.	Copper	mg/L	IS:3025 (Part-42)	BDL(MDL:0.05)
29.	Mercury	mg/L	IS:3025 (Part-48)	BDL(MDL:0.001)
30.	Chromium	mg/L	IS:3025 (Part-52)	BDL(MDL:0.05)
31.	Cadmium	mg/L	IS:3025 (Part-41)	0.026
32.	Zinc	mg/L	IS:3025 (Part-49)	0.13
33.	Lead	mg/L	IS:3025 (Part-47)	BDL(MDL:0.01)
34.	Iron	mg/L	IS:3025 (Part-53)	1.087
35.	Alpha BHC	ppb	USEPA 8081 A	BDL(MDL:0.01)
36.	Beta BHC	ppb	USEPA 8081 A	BDL(MDL:0.04)
37.	Gama BHC	ppb	USEPA 8081 A	BDL(MDL:2.0)
38.	OP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
39.	PP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
40.	Alpha Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
41.	Beta Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
42.	Dieldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
43.	2-4 D	ppb	USEPA 1699-2007	BDL(MDL:30.0)
44.	Aldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
45.	Chloropyriphos	ppb	USEPA 1699-2007	BDL(MDL:30.0)
46.	Carboryl (Carbamate)	ppb	USEPA 1699-2007	BDL(MDL:0.01)
47.	Methyl Parathin	ppb	USEPA 1699-2007	BDL(MDL:0.3)
48.	Anilophos	ppb	USEPA 1699-2007	BDL(MDL:0.01)
49.	Malathian	ppb	USEPA 8081 B	BDL(MDL:190.0)
50.	Total Coliform	MPN/ 100 ml	APHA:9221 B 23 rd Edition (Page: 9-69)	>1600
51.	Fecal Coliform	MPN/ 100 ml	APHA:9222 D 23 rd Edition (Page: 9-89)	900
52.	Fecal Streptococci	MPN/ 100 ml	IS:1622-1981 (R.A.-1996)	72

Statement of conformity:-

Remarks:

BDL: Below Detection Limit, MDL: Minimum Detection Limit

Mrs. Khushbu S. Gajjar
Technical Manager

Mr. Swastik R. Gajjar
Lab Manager(Q)

* End of Report *

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REPORT NUMBER: **EI/WW/0721/051**

DATE OF REPORT: **04-08-2021**

F/7.8/01/Issue No.01/Issue Date: 01-10-2018/ Amend No.:00 / Amend Date:-- / Page 2 of 2

TEST REPORT

REPORT NUMBER: EI/WW/0721/052**DATE OF REPORT: 04-08-2021****CLIENT NAME : POLLUTION CONTROL COMMITTEE,****Dadra and Nagar Haveli and Daman and Diu****ADDRESS : 1st Floor, Udyog Bhavan, Bhenslore, Daman- 396220,INDIA****SAMPLE DETAILS.**

Laboratory ID	: EI/WW/0721/052	Date of Sampling	: 29-07-2021
Sample Type	: Surface Water	Date of Sample Receipt	: 29-07-2021
Type of Sampling	: Grab	Sample Condition	: Good
Place of Sampling	: Outlet of GHCL, Bhilad	Quantity of Sample Received	: 5 Liter
Description (GPS)	: N 20°17'35.81"E72°53'49.31"	Analysis Start Date	: 29-07-2021
Sampling Protocol / Standard	: IS3025 (Part 1):1987(R.A.2003)	Analysis End Date	: 04-08-2021
Sampling Conducted By	: Nimesh	Duration of Sampling	: -

Sl. No	PARAMETER	UNIT	TEST METHOD	RESULTS
1.	Temperature	°C	APHA:2550 B 23 rd Edition (Page: 2-74)	28.5
2.	pH @ 25°C	pH	APHA:4500 H ⁺ B 23 rd Edition (Page: 4-13)	7.38
3.	Conductivity	µs/cm	IS:3025 (Part-14)	2120
4.	Dissolve Oxygen	mg/L	IS:3025 (Part-38)	5.1
5.	Biological Oxygen Demand	mg/L	IS:3025 (Part-44)(3 Days at 27°C)	8.5
6.	Nitrate as N	mg/L	IS:3025 (Part-44)	4.2
7.	Ammonia as N	mg/L	APHA:4500 NH ₃ -B-C 23 rd Edition (Page: 4-114)	14.7
8.	Chemical Oxygen Demand	mg/L	APHA:5220 B 23 rd Edition (Page: 5-18)	39.7
9.	Total Kjeldahl Nitrogen	mg/L	IS:3025 (Part-34)	11.2
10.	Total Dissolve Solids	mg/L	APHA:2540 C 23 rd Edition (Page: 2-69)	1399
11.	Total Fixed Solids	mg/L	IS:3025 (Part-18)	1115
12.	Total Suspended Solids	mg/L	APHA:2540 B 23 rd Edition (Page: 2-70)	38
13.	Turbidity	NTU	IS:3025 (Part-10)	2
14.	Hardness	mg/L	IS:3025 (Part-21)	208
15.	Fluoride	mg/L	IS:3025 (Part-60)	BDL(MDL:0.1)
16.	Boron	mg/L	IS:3025 (Part-57)	ND
17.	Chloride	mg/L	APHA:4500 Cl ⁻ B 23 rd Edition (Page: 4-75)	201.9
18.	Sulphate	mg/L	IS:3025 (Part-28)	238.6
19.	Total Alkalinity	mg/L	IS:3025 (Part-23)	448
20.	P-Alkalinity	mg/L	IS:3025 (Part-23)	BDL(MDL:4.0)
21.	Phosphate	mg/L	IS:3550 -1965	2.4
22.	Sodium	mg/L	IS:3025 (Part-45)	428.4
23.	Potassium	mg/L	IS:3025 (Part-45)	34.5
24.	Calcium	mg/L	IS:3025 (Part-40)	51.3
25.	Magnesium	mg/L	IS:3025 (Part-46)	19.44
26.	Arsenic	mg/L	IS:3025 (Part-37)	BDL(MDL:0.01)

27.	Nickel	mg/L	IS:3025 (Part-54)	BDL(MDL:0.02)
28.	Copper	mg/L	IS:3025 (Part-42)	0.142
29.	Mercury	mg/L	IS:3025 (Part-48)	BDL(MDL:0.001)
30.	Chromium	mg/L	IS:3025 (Part-52)	BDL(MDL:0.05)
31.	Cadmium	mg/L	IS:3025 (Part-41)	0.052
32.	Zinc	mg/L	IS:3025 (Part-49)	BDL(MDL:0.05)
33.	Iron	mg/L	IS:3025 (Part-53)	BDL(MDL:0.01)
34.	Lead	mg/L	IS:3025 (Part-47)	0.645
35.	Alpha BHC	ppb	USEPA 8081 A	BDL(MDL:0.01)
36.	Beta BHC	ppb	USEPA 8081 A	BDL(MDL:0.04)
37.	Gama BHC	ppb	USEPA 8081 A	BDL(MDL:2.0)
38.	OP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
39.	PP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
40.	Alpha Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
41.	Beta Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
42.	Dieldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
43.	2-4 D	ppb	USEPA 1699-2007	BDL(MDL:30.0)
44.	Aldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
45.	Chloropyriphos	ppb	USEPA 1699-2007	BDL(MDL:30.0)
46.	Carboryl (Carbamate)	ppb	USEPA 1699-2007	BDL(MDL:0.01)
47.	Methyl Parathin	ppb	USEPA 1699-2007	BDL(MDL:0.3)
48.	Anilophos	ppb	USEPA 1699-2007	BDL(MDL:0.01)
49.	Malathian	ppb	USEPA 8081 B	BDL(MDL:190.0)
50.	Total Coliform	MPN/ 100 ml	APHA:9221 B 23 rd Edition (Page: 9-69)	>1600
51.	Fecal Coliform	MPN/ 100 ml	APHA:9222 D 23 rd Edition (Page: 9-89)	1600
52.	Fecal Streptococci	MPN/ 100 ml	IS:1622-1981 (R.A.-1996)	900

Statement of conformity:-

Remarks:

BDL: Below Detection Limit, MDL: Minimum Detection Limit

Mrs. Khushbu S. Gajjar
Technical Manager

Mr. Swastik R. Gajjar
Lab Manager(Q)

* End of Report *

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REPORT NUMBER: **EI/WW/0721/052**

DATE OF REPORT: **04-08-2021**

F/7.8/01/Issue No.01/Issue Date: 01-10-2018/ Amend No.:00 / Amend Date:-- / Page 2 of 2

TEST REPORT

REPORT NUMBER: EI/WW/0721/053**DATE OF REPORT: 04-08-2021****CLIENT NAME : POLLUTION CONTROL COMMITTEE,****Dadra and Nagar Haveli and Daman and Diu****ADDRESS : 1st Floor, Udyog Bhavan, Bhenslore, Daman- 396220,INDIA****SAMPLE DETAILS.**

Laboratory ID	: EI/WW/0721/053	Date of Sampling	: 29-07-2021
Sample Type	: Surface Water	Date of Sample Receipt	: 29-07-2021
Type of Sampling	: Grab	Sample Condition	: Good
Place of Sampling	: 100 meter Downstream of outlet of CETP, Vapi (from river)	Quantity of Sample Received	: 5 Liter
Description (GPS)	: N 20°20'31.52", E72°54'16.88"	Analysis Start Date	: 29-07-2021
Sampling Protocol / Standard	: IS3025 (Part 1):1987(R.A.2003)	Analysis End Date	: 04-08-2021
Sampling Conducted By	: Nimesh	Duration of Sampling	: -

Sl. No	PARAMETER	UNIT	TEST METHOD	RESULTS
1.	Temperature	°C	APHA:2550 B 23 rd Edition (Page: 2-74)	28
2.	pH @ 25°C	pH	APHA:4500 H ⁺ B 23 rd Edition (Page: 4-13)	7.51
3.	Conductivity	µs/cm	IS:3025 (Part-14)	695
4.	Dissolve Oxygen	mg/L	IS:3025 (Part-38)	5.9
5.	Biological Oxygen Demand	mg/L	IS:3025 (Part-44)(3 Days at 27°C)	2.3
6.	Nitrate as N	mg/L	IS:3025 (Part-44)	0.4
7.	Ammonia as N	mg/L	APHA:4500 NH ₃ -B-C 23 rd Edition (Page: 4-114)	8.21
8.	Chemical Oxygen Demand	mg/L	APHA:5220 B 23 rd Edition (Page: 5-18)	9.8
9.	Total Kjeldahl Nitrogen	mg/L	IS:3025 (Part-34)	12.8
10.	Total Dissolve Solids	mg/L	APHA:2540 C 23 rd Edition (Page: 2-69)	465
11.	Total Fixed Solids	mg/L	IS:3025 (Part-18)	647
12.	Total Suspended Solids	mg/L	APHA:2540 B 23 rd Edition (Page: 2-70)	9
13.	Turbidity	NTU	IS:3025 (Part-10)	0.1
14.	Hardness	mg/L	IS:3025 (Part-21)	227
15.	Fluoride	mg/L	IS:3025 (Part-60)	BDL(MDL:0.1)
16.	Boron	mg/L	IS:3025 (Part-57)	ND
17.	Chloride	mg/L	APHA:4500 Cl ⁻ B 23 rd Edition (Page: 4-75)	111.9
18.	Sulphate	mg/L	IS:3025 (Part-28)	108.6
19.	Total Alkalinity	mg/L	IS:3025 (Part-23)	80
20.	P-Alkalinity	mg/L	IS:3025 (Part-23)	BDL(MDL:4.0)
21.	Phosphate	mg/L	IS:3550 -1965	3.1
22.	Sodium	mg/L	IS:3025 (Part-45)	88.4
23.	Potassium	mg/L	IS:3025 (Part-45)	6.4
24.	Calcium	mg/L	IS:3025 (Part-40)	53.6

25.	Magnesium	mg/L	IS:3025 (Part-46)	20.4
26.	Arsenic	mg/L	IS:3025 (Part-37)	BDL(MDL:0.01)
27.	Nickel	mg/L	IS:3025 (Part-54)	BDL(MDL:0.02)
28.	Copper	mg/L	IS:3025 (Part-42)	BDL(MDL:0.05)
29.	Mercury	mg/L	IS:3025 (Part-48)	BDL(MDL:0.001)
30.	Chromium	mg/L	IS:3025 (Part-52)	BDL(MDL:0.05)
31.	Cadmium	mg/L	IS:3025 (Part-41)	BDL(MDL:0.003)
32.	Zinc	mg/L	IS:3025 (Part-49)	BDL(MDL:0.05)
33.	Lead	mg/L	IS:3025 (Part-47)	BDL(MDL:0.01)
34.	Iron	mg/L	IS:3025 (Part-53)	BDL(MDL:0.01)
35.	Alpha BHC	ppb	USEPA 8081 A	BDL(MDL:0.01)
36.	Beta BHC	ppb	USEPA 8081 A	BDL(MDL:0.04)
37.	Gama BHC	ppb	USEPA 8081 A	BDL(MDL:2.0)
38.	OP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
39.	PP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
40.	Alpha Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
41.	Beta Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
42.	Dieldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
43.	2-4 D	ppb	USEPA 1699-2007	BDL(MDL:30.0)
44.	Aldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
45.	Chloropyriphos	ppb	USEPA 1699-2007	BDL(MDL:30.0)
46.	Carboryl (Carbamate)	ppb	USEPA 1699-2007	BDL(MDL:0.01)
47.	Methyl Parathin	ppb	USEPA 1699-2007	BDL(MDL:0.3)
48.	Anilophos	ppb	USEPA 1699-2007	BDL(MDL:0.01)
49.	Malathian	ppb	USEPA 8081 B	BDL(MDL:190.0)
50.	Total Coliform	MPN/ 100 ml	APHA:9221 B 23 rd Edition (Page: 9-69)	>1600
51.	Fecal Coliform	MPN/ 100 ml	APHA:9222 D 23 rd Edition (Page: 9-89)	1600
52.	Fecal Streptococci	MPN/ 100 ml	IS:1622-1981 (R.A.-1996)	130

Statement of conformity:-

Remarks:

BDL: Below Detection Limit, MDL: Minimum Detection Limit

Mrs. Khushbu S. Gajjar
Technical Manager

Mr. Swastik R. Gajjar
Lab Manager(Q)

* End of Report *

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REPORT NUMBER: **EI/WW/0721/053**

DATE OF REPORT: **04-08-2021**

F/7.8/01/Issue No.01/Issue Date: 01-10-2018/ Amend No.:00 / Amend Date:-- / Page 2 of 2

TEST REPORT

REPORT NUMBER: EI/WW/0721/054**DATE OF REPORT: 04-08-2021****CLIENT NAME : POLLUTION CONTROL COMMITTEE,****Dadra and Nagar Haveli and Daman and Diu****ADDRESS : 1st Floor, Udyog Bhavan, Bhenslore, Daman- 396220,INDIA****SAMPLE DETAILS.**

Laboratory ID : EI/WW/0721/054	Date of Sampling : 29-07-2021
Sample Type : Surface Water	Date of Sample Receipt : 29-07-2021
Type of Sampling : Grab	Sample Condition : Good
Place of Sampling : At Patalia Bridge(Kolak River)	Quantity of Sample Received : 5 Liter
Description (GPS) : N 20°27'41", E72°53'12.59"	Analysis Start Date : 29-07-2021
Sampling Protocol / Standard : IS3025 (Part 1):1987(R.A.2003)	Analysis End Date : 04-08-2021
Sampling Conducted By : Nimesh	Duration of Sampling : -

Sl. No	PARAMETER	UNIT	TEST METHOD	RESULTS
1.	Temperature	°C	APHA:2550 B 23 rd Edition (Page: 2-74)	27.8
2.	pH @ 25°C	pH	APHA:4500 H ⁺ B 23 rd Edition (Page: 4-13)	8.04
3.	Conductivity	µs/cm	IS:3025 (Part-14)	298
4.	Dissolve Oxygen	mg/L	IS:3025 (Part-38)	5.9
5.	Biological Oxygen Demand	mg/L	IS:3025 (Part-44)(3 Days at 27°C)	2.4
6.	Nitrate as N	mg/L	IS:3025 (Part-44)	0.2
7.	Ammonia as N	mg/L	APHA:4500 NH ₃ -B-C 23 rd Edition (Page: 4-114)	2.3
8.	Chemical Oxygen Demand	mg/L	APHA:5220 B 23 rd Edition (Page: 5-18)	14.7
9.	Total Kjeldahl Nitrogen	mg/L	IS:3025 (Part-34)	6.1
10.	Total Dissolve Solids	mg/L	APHA:2540 C 23 rd Edition (Page: 2-69)	187
11.	Total Fixed Solids	mg/L	IS:3025 (Part-18)	138
12.	Total Suspended Solids	mg/L	APHA:2540 B 23 rd Edition (Page: 2-70)	36
13.	Turbidity	NTU	IS:3025 (Part-10)	0.1
14.	Hardness	mg/L	IS:3025 (Part-21)	132
15.	Fluoride	mg/L	IS:3025 (Part-60)	BDL(MDL:0.1)
16.	Boron	mg/L	IS:3025 (Part-57)	ND
17.	Chloride	mg/L	APHA:4500 Cl ⁻ B 23 rd Edition (Page: 4-75)	25.8
18.	Sulphate	mg/L	IS:3025 (Part-28)	34.4
19.	Total Alkalinity	mg/L	IS:3025 (Part-23)	82
20.	P-Alkalinity	mg/L	IS:3025 (Part-23)	BDL(MDL:4.0)
21.	Phosphate	mg/L	IS:3550 -1965	0.38
22.	Sodium	mg/L	IS:3025 (Part-45)	589
23.	Potassium	mg/L	IS:3025 (Part-45)	26.5
24.	Calcium	mg/L	IS:3025 (Part-40)	33.66
25.	Magnesium	mg/L	IS:3025 (Part-46)	11.66
26.	Arsenic	mg/L	IS:3025 (Part-37)	BDL(MDL:0.01)

27.	Nickel	mg/L	IS:3025 (Part-54)	BDL(MDL:0.02)
28.	Copper	mg/L	IS:3025 (Part-42)	BDL(MDL:0.05)
29.	Mercury	mg/L	IS:3025 (Part-48)	BDL(MDL:0.001)
30.	Chromium	mg/L	IS:3025 (Part-52)	BDL(MDL:0.05)
31.	Cadmium	mg/L	IS:3025 (Part-41)	0.031
32.	Zinc	mg/L	IS:3025 (Part-49)	BDL(MDL:0.05)
33.	Lead	mg/L	IS:3025 (Part-47)	BDL(MDL:0.01)
34.	Iron	mg/L	IS:3025 (Part-53)	0.98
35.	Alpha BHC	ppb	USEPA 8081 A	BDL(MDL:0.01)
36.	Beta BHC	ppb	USEPA 8081 A	BDL(MDL:0.04)
37.	Gama BHC	ppb	USEPA 8081 A	BDL(MDL:2.0)
38.	OP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
39.	PP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
40.	Alpha Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
41.	Beta Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
42.	Dieldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
43.	2-4 D	ppb	USEPA 1699-2007	BDL(MDL:30.0)
44.	Aldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
45.	Chloropyriphos	ppb	USEPA 1699-2007	BDL(MDL:30.0)
46.	Carboryl (Carbamate)	ppb	USEPA 1699-2007	BDL(MDL:0.01)
47.	Methyl Parathin	ppb	USEPA 1699-2007	BDL(MDL:0.3)
48.	Anilophos	ppb	USEPA 1699-2007	BDL(MDL:0.01)
49.	Malathian	ppb	USEPA 8081 B	BDL(MDL:190.0)
50.	Total Coliform	MPN/ 100 ml	APHA:9221 B 23 rd Edition (Page: 9-69)	>1600
51.	Fecal Coliform	MPN/ 100 ml	APHA:9222 D 23 rd Edition (Page: 9-89)	1600
52.	Fecal Streptococci	MPN/ 100 ml	IS:1622-1981 (R.A.-1996)	240

Statement of conformity:-

Remarks:

BDL: Below Detection Limit, MDL: Minimum Detection Limit

Mrs. Khushbu S. Gajjar
Technical Manager

Mr. Swastik R. Gajjar
Lab Manager(Q)

* End of Report *

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REPORT NUMBER: **EI/WW/0721/054**

DATE OF REPORT: **04-08-2021**

F/7.8/01/Issue No.01/Issue Date: 01-10-2018/ Amend No.:00 / Amend Date:-- / Page 2 of 2

TEST REPORT

REPORT NUMBER: EI/WW/0721/055**DATE OF REPORT: 04-08-2021****CLIENT NAME : POLLUTION CONTROL COMMITTEE,****Dadra and Nagar Haveli and Daman and Diu****ADDRESS : 1st Floor, Udyog Bhavan, Bhenslore, Daman- 396220,INDIA****SAMPLE DETAILS.**

Laboratory ID : EI/WW/0721/055	Date of Sampling : 29-07-2021
Sample Type : Surface Water	Date of Sample Receipt : 29-07-2021
Type of Sampling : Grab	Sample Condition : Good
Place of Sampling : At N.H.No.8,Vapi (Kolak River)	Quantity of Sample Received : 5 Liter
Description (GPS) : N 20°25'24.2", E72°54'57.28"	Analysis Start Date : 29-07-2021
Sampling Protocol / Standard : IS3025 (Part 1):1987(R.A.2003)	Analysis End Date : 04-08-2021
Sampling Conducted By : Nimesh	Duration of Sampling : -

Sl. No	PARAMETER	UNIT	TEST METHOD	RESULTS
1.	Temperature	°C	APHA:2550 B 23 rd Edition (Page: 2-74)	27.7
2.	pH @ 25°C	pH	APHA:4500 H ⁺ B 23 rd Edition (Page: 4-13)	7.05
3.	Conductivity	µs/cm	IS:3025 (Part-14)	284
4.	Dissolve Oxygen	mg/L	IS:3025 (Part-38)	6.8
5.	Biological Oxygen Demand	mg/L	IS:3025 (Part-44)(3 Days at 27°C)	3.2
6.	Nitrate as N	mg/L	IS:3025 (Part-44)	0.5
7.	Ammonia as N	mg/L	APHA:4500 NH ₃ -B-C 23 rd Edition (Page: 4-114)	BDL(MDL:2.0)
8.	Chemical Oxygen Demand	mg/L	APHA:5220 B 23 rd Edition (Page: 5-18)	15.4
9.	Total Kjeldahl Nitrogen	mg/L	IS:3025 (Part-34)	BDL(MDL:2.0)
10.	Total Dissolve Solids	mg/L	APHA:2540 C 23 rd Edition (Page: 2-69)	176
11.	Total Fixed Solids	mg/L	IS:3025 (Part-18)	114
12.	Total Suspended Solids	mg/L	APHA:2540 B 23 rd Edition (Page: 2-70)	6
13.	Turbidity	NTU	IS:3025 (Part-10)	1
14.	Hardness	mg/L	IS:3025 (Part-21)	124
15.	Fluoride	mg/L	IS:3025 (Part-60)	BDL(MDL:0.1)
16.	Boron	mg/L	IS:3025 (Part-57)	ND
17.	Chloride	mg/L	APHA:4500 Cl ⁻ B 23 rd Edition (Page: 4-75)	15.9
18.	Sulphate	mg/L	IS:3025 (Part-28)	8.4
19.	Total Alkalinity	mg/L	IS:3025 (Part-23)	84
20.	P-Alkalinity	mg/L	IS:3025 (Part-23)	BDL(MDL:4.0)
21.	Phosphate	mg/L	IS:3550 -1965	0.16
22.	Sodium	mg/L	IS:3025 (Part-45)	11.8
23.	Potassium	mg/L	IS:3025 (Part-45)	BDL(MDL:1.0)
24.	Calcium	mg/L	IS:3025 (Part-40)	34.56
25.	Magnesium	mg/L	IS:3025 (Part-46)	9.72

26.	Arsenic	mg/L	IS:3025 (Part-37)	BDL(MDL:0.01)
27.	Nickel	mg/L	IS:3025 (Part-54)	BDL(MDL:0.02)
28.	Copper	mg/L	IS:3025 (Part-42)	BDL(MDL:0.05)
29.	Mercury	mg/L	IS:3025 (Part-48)	BDL(MDL:0.001)
30.	Chromium	mg/L	IS:3025 (Part-52)	BDL(MDL:0.05)
31.	Cadmium	mg/L	IS:3025 (Part-41)	BDL(MDL:0.003)
32.	Zinc	mg/L	IS:3025 (Part-49)	BDL(MDL:0.05)
33.	Lead	mg/L	IS:3025 (Part-47)	BDL(MDL:0.01)
34.	Iron	mg/L	IS:3025 (Part-53)	0.214
35.	Alpha BHC	ppb	USEPA 8081 A	BDL(MDL:0.01)
36.	Beta BHC	ppb	USEPA 8081 A	BDL(MDL:0.04)
37.	Gama BHC	ppb	USEPA 8081 A	BDL(MDL:2.0)
38.	OP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
39.	PP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
40.	Alpha Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
41.	Beta Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
42.	Dieldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
43.	2-4 D	ppb	USEPA 1699-2007	BDL(MDL:30.0)
44.	Aldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
45.	Chloropyriphos	ppb	USEPA 1699-2007	BDL(MDL:30.0)
46.	Carboryl (Carbamate)	ppb	USEPA 1699-2007	BDL(MDL:0.01)
47.	Methyl Parathin	ppb	USEPA 1699-2007	BDL(MDL:0.3)
48.	Anilophos	ppb	USEPA 1699-2007	BDL(MDL:0.01)
49.	Malathian	ppb	USEPA 8081 B	BDL(MDL:190.0)
50.	Total Coliform	MPN/ 100 ml	APHA:9221 B 23 rd Edition (Page: 9-69)	260
51.	Fecal Coliform	MPN/ 100 ml	APHA:9222 D 23 rd Edition (Page: 9-89)	124
52.	Fecal Streptococci	MPN/ 100 ml	IS:1622-1981 (R.A.-1996)	34

Statement of conformity:-

Remarks:

BDL: Below Detection Limit, MDL: Minimum Detection Limit

Mrs. Khushbu S. Gajjar
Technical Manager

Mr. Swastik R. Gajjar
Lab Manager(Q)

* End of Report *

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REPORT NUMBER: **EI/WW/0721/055**

DATE OF REPORT: **04-08-2021**

F/7.8/01/Issue No.01/Issue Date: 01-10-2018/ Amend No.:00 / Amend Date:-- / Page 2 of 2

TEST REPORT

REPORT NUMBER:EI/WW/0821/026**DATE OF REPORT: 02-09-2021****CLIENT NAME : POLLUTION CONTROL COMMITTEE,****Dadra and Nagar Haveli and Daman and Diu****ADDRESS : 1st Floor, Udyog Bhavan, Bhenslore, Daman- 396220,INDIA****SAMPLE DETAILS.**

Laboratory ID : EI/WW/0821/026	Date of Sampling : 28-08-2021
Sample Type : Surface Water	Date of Sample Receipt : 28-08-2021
Type of Sampling : Grab	Sample Condition : Good
Place of Sampling : D/s of Madhuban Dam	Quantity of Sample Received : 5 Liter
Description (GPS) : N 20°12'57", E 73°2'29"	Analysis Start Date : 28-08-2021
Sampling Protocol / Standard : IS3025 (Part 1):1987(R.A.2003)	Analysis End Date : 02-09-2021
Sampling Conducted By : Nimesh	Duration of Sampling : -

Sl. No	PARAMETER	UNIT	TEST METHOD	RESULTS
1.	Temperature	°C	APHA:2550 B 23 rd Edition (Page: 2-74)	27.5
2.	pH @ 25°C	pH	APHA:4500 H ⁺ B 23 rd Edition (Page: 4-13)	8.3
3.	Conductivity	µs/cm	IS:3025 (Part-14)	200
4.	Dissolve Oxygen	mg/L	IS:3025 (Part-38)	7.5
5.	Biological Oxygen Demand	mg/L	IS:3025 (Part-44)(3 Days at 27°C)	BDL(MDL:1.0)
6.	Nitrate as N	mg/L	IS:3025 (Part-44)	BDL(MDL:0.1)
7.	Ammonia as N	mg/L	APHA:4500 NH ₃ -B-C 23 rd Edition (Page: 4-114)	BDL(MDL:2.0)
8.	Chemical Oxygen Demand	mg/L	APHA:5220 B 23 rd Edition (Page: 5-18)	BDL(MDL:2.0)
9.	Total Kjeldahl Nitrogen	mg/L	IS:3025 (Part-34)	BDL(MDL:2.0)
10.	Total Dissolve Solids	mg/L	APHA:2540 C 23 rd Edition (Page: 2-69)	100
11.	Total Fixed Solids	mg/L	IS:3025 (Part-18)	94
12.	Total Suspended Solids	mg/L	APHA:2540 B 23 rd Edition (Page: 2-70)	BDL(MDL:4.0)
13.	Turbidity	NTU	IS:3025 (Part-10)	0.1
14.	Hardness	mg/L	IS:3025 (Part-21)	88
15.	Fluoride	mg/L	IS:3025 (Part-60)	BDL(MDL:0.1)
16.	Boron	mg/L	IS:3025 (Part-57)	ND
17.	Chloride	mg/L	APHA:4500 Cl ⁻ B 23 rd Edition (Page: 4-75)	3.6
18.	Sulphate	mg/L	IS:3025 (Part-28)	4.7
19.	Total Alkalinity	mg/L	IS:3025 (Part-23)	44
20.	P-Alkalinity	mg/L	IS:3025 (Part-23)	BDL(MDL:4.0)
21.	Phosphate	mg/L	IS:3550 -1965	BDL(MDL:0.1)
22.	Sodium	mg/L	IS:3025 (Part-45)	14.6
23.	Potassium	mg/L	IS:3025 (Part-45)	BDL(MDL:1.0)
24.	Calcium	mg/L	IS:3025 (Part-40)	24.048
25.	Magnesium	mg/L	IS:3025 (Part-46)	6.8
26.	Arsenic	mg/L	IS:3025 (Part-37)	BDL(MDL:0.01)

27.	Nickel	mg/L	IS:3025 (Part-54)	BDL(MDL:0.02)
28.	Copper	mg/L	IS:3025 (Part-42)	BDL(MDL:0.05)
29.	Mercury	mg/L	IS:3025 (Part-48)	BDL(MDL:0.001)
30.	Chromium	mg/L	IS:3025 (Part-52)	BDL(MDL:0.05)
31.	Cadmium	mg/L	IS:3025 (Part-41)	BDL(MDL:0.003)
32.	Zinc	mg/L	IS:3025 (Part-49)	BDL(MDL:0.05)
33.	Lead	mg/L	IS:3025 (Part-47)	BDL(MDL:0.01)
34.	Iron	mg/L	IS:3025 (Part-53)	BDL(MDL:0.01)
35.	Alpha BHC	ppb	USEPA 8081 A	BDL(MDL:0.01)
36.	Beta BHC	ppb	USEPA 8081 A	BDL(MDL:0.04)
37.	Gama BHC	ppb	USEPA 8081 A	BDL(MDL:2.0)
38.	OP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
39.	PP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
40.	Alpha Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
41.	Beta Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
42.	Dieldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
43.	2-4 D	ppb	USEPA 1699-2007	BDL(MDL:30.0)
44.	Aldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
45.	Chloropyriphos	ppb	USEPA 1699-2007	BDL(MDL:30.0)
46.	Carboryl (Carbamate)	ppb	USEPA 1699-2007	BDL(MDL:0.01)
47.	Methyl Parathin	ppb	USEPA 1699-2007	BDL(MDL:0.3)
48.	Anilophos	ppb	USEPA 1699-2007	BDL(MDL:0.01)
49.	Malathian	ppb	USEPA 8081 B	BDL(MDL:190.0)
50.	Total Coliform	MPN/ 100 ml	APHA:9221 B 23 rd Edition (Page: 9-69)	37
51.	Fecal Coliform	MPN/ 100 ml	APHA:9222 D 23 rd Edition (Page: 9-89)	6
52.	Fecal Streptococci	MPN/ 100 ml	IS:1622-1981 (R.A.-1996)	5

Statement of conformity:-

Remarks:

BDL: Below Detection Limit, MDL: Minimum Detection Limit

Mrs. Khushbu S. Gajjar
Technical Manager

Mr. Swastik R. Gajjar
Lab Manager(Q)

* End of Report *

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REPORT NUMBER: **EI/WW/0821/026**

DATE OF REPORT: **02-09-2021**

F/7.8/01/Issue No.01/Issue Date: 01-10-2018/ Amend No.:00 / Amend Date:-- / Page 2 of 2

TEST REPORT

REPORT NUMBER: EI/WW/0821/027**DATE OF REPORT: 02-09-2021****CLIENT NAME : POLLUTION CONTROL COMMITTEE,****Dadra and Nagar Haveli and Daman and Diu****ADDRESS : 1st Floor, Udyog Bhavan, Bhenslore, Daman- 396220,INDIA****SAMPLE DETAILS.**

Laboratory ID	: EI/WW/0821/027	Date of Sampling	: 28-08-2021
Sample Type	: Surface Water	Date of Sample Receipt	: 28-08-2021
Type of Sampling	: Grab	Sample Condition	: Good
Place of Sampling	: D/s of Naroli Bridge,Silvassa,DNH	Quantity of Sample Received	: 5 Liter
Description (GPS)	: N 20°16'7", E 72°59'21"	Analysis Start Date	: 28-08-2021
Sampling Protocol / Standard	: IS3025 (Part 1):1987(R.A.2003)	Analysis End Date	: 02-09-2021
Sampling Conducted By	: Nimesh	Duration of Sampling	: -

Sl. No	PARAMETER	UNIT	TEST METHOD	RESULTS
1.	Temperature	°C	APHA:2550 B 23 rd Edition (Page: 2-74)	27.8
2.	pH @ 25°C	pH	APHA:4500 H ⁺ B 23 rd Edition (Page: 4-13)	8.2
3.	Conductivity	µs/cm	IS:3025 (Part-14)	202
4.	Dissolve Oxygen	mg/L	IS:3025 (Part-38)	7.4
5.	Biological Oxygen Demand	mg/L	IS:3025 (Part-44)(3 Days at 27°C)	BDL(MDL:1.0)
6.	Nitrate as N	mg/L	IS:3025 (Part-44)	0.3
7.	Ammonia as N	mg/L	APHA:4500 NH ₃ -B-C 23 rd Edition (Page: 4-114)	BDL(MDL:2.0)
8.	Chemical Oxygen Demand	mg/L	APHA:5220 B 23 rd Edition (Page: 5-18)	BDL(MDL:2.0)
9.	Total Kjeldahl Nitrogen	mg/L	IS:3025 (Part-34)	BDL(MDL:2.0)
10.	Total Dissolve Solids	mg/L	APHA:2540 C 23 rd Edition (Page: 2-69)	107
11.	Total Fixed Solids	mg/L	IS:3025 (Part-18)	98
12.	Total Suspended Solids	mg/L	APHA:2540 B 23 rd Edition (Page: 2-70)	7
13.	Turbidity	NTU	IS:3025 (Part-10)	0.1
14.	Hardness	mg/L	IS:3025 (Part-21)	80
15.	Fluoride	mg/L	IS:3025 (Part-60)	BDL(MDL:0.1)
16.	Boron	mg/L	IS:3025 (Part-57)	ND
17.	Chloride	mg/L	APHA:4500 Cl ⁻ B 23 rd Edition (Page: 4-75)	6.9
18.	Sulphate	mg/L	IS:3025 (Part-28)	5.8
19.	Total Alkalinity	mg/L	IS:3025 (Part-23)	48
20.	P-Alkalinity	mg/L	IS:3025 (Part-23)	BDL(MDL:4.0)
21.	Phosphate	mg/L	IS:3550 -1965	BDL(MDL:0.1)
22.	Sodium	mg/L	IS:3025 (Part-45)	18.2
23.	Potassium	mg/L	IS:3025 (Part-45)	BDL(MDL:1.0)
24.	Calcium	mg/L	IS:3025 (Part-40)	23.5
25.	Magnesium	mg/L	IS:3025 (Part-46)	4.86

26.	Arsenic	mg/L	IS:3025 (Part-37)	BDL(MDL:0.01)
27.	Nickel	mg/L	IS:3025 (Part-54)	BDL(MDL:0.02)
28.	Copper	mg/L	IS:3025 (Part-42)	BDL(MDL:0.05)
29.	Mercury	mg/L	IS:3025 (Part-48)	BDL(MDL:0.001)
30.	Chromium	mg/L	IS:3025 (Part-52)	BDL(MDL:0.05)
31.	Cadmium	mg/L	IS:3025 (Part-41)	BDL(MDL:0.003)
32.	Zinc	mg/L	IS:3025 (Part-49)	0.57
33.	Lead	mg/L	IS:3025 (Part-47)	BDL(MDL:0.01)
34.	Iron	mg/L	IS:3025 (Part-53)	BDL(MDL:0.01)
35.	Alpha BHC	ppb	USEPA 8081 A	BDL(MDL:0.01)
36.	Beta BHC	ppb	USEPA 8081 A	BDL(MDL:0.04)
37.	Gama BHC	ppb	USEPA 8081 A	BDL(MDL:2.0)
38.	OP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
39.	PP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
40.	Alpha Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
41.	Beta Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
42.	Dieldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
43.	2-4 D	ppb	USEPA 1699-2007	BDL(MDL:30.0)
44.	Aldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
45.	Chloropyriphos	ppb	USEPA 1699-2007	BDL(MDL:30.0)
46.	Carboryl (Carbamate)	ppb	USEPA 1699-2007	BDL(MDL:0.01)
47.	Methyl Parathin	ppb	USEPA 1699-2007	BDL(MDL:0.3)
48.	Anilophos	ppb	USEPA 1699-2007	BDL(MDL:0.01)
49.	Malathian	ppb	USEPA 8081 B	BDL(MDL:190.0)
50.	Total Coliform	MPN/ 100 ml	APHA:9221 B 23 rd Edition (Page: 9-69)	35
51.	Fecal Coliform	MPN/ 100 ml	APHA:9222 D 23 rd Edition (Page: 9-89)	13
52.	Fecal Streptococci	MPN/ 100 ml	IS:1622-1981 (R.A.-1996)	4

Statement of conformity:-

Remarks:

BDL: Below Detection Limit, MDL: Minimum Detection Limit

Mrs. Khushbu S. Gajjar
Technical Manager

Mr. Swastik R. Gajjar
Lab Manager(Q)

* End of Report *

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REPORT NUMBER: **EI/WW/0821/027**

DATE OF REPORT: **02-09-2021**

F/7.8/01/Issue No.01/Issue Date: 01-10-2018/ Amend No.:00 / Amend Date:-- / Page 2 of 2

TEST REPORT

REPORT NUMBER:EI/WW/0821/028**DATE OF REPORT: 02-09-2021****CLIENT NAME : POLLUTION CONTROL COMMITTEE,****Dadra and Nagar Haveli and Daman and Diu****ADDRESS : 1st Floor, Udyog Bhavan, Bhenslore, Daman- 396220,INDIA****SAMPLE DETAILS.**

Laboratory ID : EI/WW/0821/028	Date of Sampling : 28-08-2021
Sample Type : Surface Water	Date of Sample Receipt : 28-08-2021
Type of Sampling : Grab	Sample Condition : Good
Place of Sampling : At Lawacha Temple	Quantity of Sample Received : 5 Liter
Description (GPS) : N 20°18'33.2", E 72°57'35.9"	Analysis Start Date : 28-08-2021
Sampling Protocol / Standard : IS3025 (Part 1):1987(R.A.2003)	Analysis End Date : 02-09-2021
Sampling Conducted By : Nimesh	Duration of Sampling : -

Sl. No	PARAMETER	UNIT	TEST METHOD	RESULTS
1.	Temperature	°C	APHA:2550 B 23 rd Edition (Page: 2-74)	27.3
2.	pH @ 25°C	pH	APHA:4500 H ⁺ B 23 rd Edition (Page: 4-13)	8.28
3.	Conductivity	µs/cm	IS:3025 (Part-14)	230
4.	Dissolve Oxygen	mg/L	IS:3025 (Part-38)	7.3
5.	Biological Oxygen Demand	mg/L	IS:3025 (Part-44)(3 Days at 27°C)	BDL(MDL:1.0)
6.	Nitrate as N	mg/L	IS:3025 (Part-44)	BDL(MDL:0.1)
7.	Ammonia as N	mg/L	APHA:4500 NH ₃ -B-C 23 rd Edition (Page: 4-114)	BDL(MDL:2.0)
8.	Chemical Oxygen Demand	mg/L	APHA:5220 B 23 rd Edition (Page: 5-18)	BDL(MDL:2.0)
9.	Total Kjeldahl Nitrogen	mg/L	IS:3025 (Part-34)	BDL(MDL:2.0)
10.	Total Dissolve Solids	mg/L	APHA:2540 C 23 rd Edition (Page: 2-69)	115
11.	Total Fixed Solids	mg/L	IS:3025 (Part-18)	102
12.	Total Suspended Solids	mg/L	APHA:2540 B 23 rd Edition (Page: 2-70)	8
13.	Turbidity	NTU	IS:3025 (Part-10)	0.1
14.	Hardness	mg/L	IS:3025 (Part-21)	100
15.	Fluoride	mg/L	IS:3025 (Part-60)	0.27
16.	Boron	mg/L	IS:3025 (Part-57)	ND
17.	Chloride	mg/L	APHA:4500 Cl ⁻ B 23 rd Edition (Page: 4-75)	9.8
18.	Sulphate	mg/L	IS:3025 (Part-28)	8.4
19.	Total Alkalinity	mg/L	IS:3025 (Part-23)	52
20.	P-Alkalinity	mg/L	IS:3025 (Part-23)	BDL(MDL:4.0)
21.	Phosphate	mg/L	IS:3550 -1965	0.13
22.	Sodium	mg/L	IS:3025 (Part-45)	19.5
23.	Potassium	mg/L	IS:3025 (Part-45)	BDL(MDL:1.0)
24.	Calcium	mg/L	IS:3025 (Part-40)	32.064
25.	Magnesium	mg/L	IS:3025 (Part-46)	4.32
26.	Arsenic	mg/L	IS:3025 (Part-37)	BDL(MDL:0.01)

27.	Nickel	mg/L	IS:3025 (Part-54)	BDL(MDL:0.02)
28.	Copper	mg/L	IS:3025 (Part-42)	BDL(MDL:0.05)
29.	Mercury	mg/L	IS:3025 (Part-48)	BDL(MDL:0.001)
30.	Chromium	mg/L	IS:3025 (Part-52)	BDL(MDL:0.05)
31.	Cadmium	mg/L	IS:3025 (Part-41)	BDL(MDL:0.003)
32.	Zinc	mg/L	IS:3025 (Part-49)	BDL(MDL:0.05)
33.	Lead	mg/L	IS:3025 (Part-47)	BDL(MDL:0.01)
34.	Iron	mg/L	IS:3025 (Part-53)	BDL(MDL:0.01)
35.	Alpha BHC	ppb	USEPA 8081 A	BDL(MDL:0.01)
36.	Beta BHC	ppb	USEPA 8081 A	BDL(MDL:0.04)
37.	Gama BHC	ppb	USEPA 8081 A	BDL(MDL:2.0)
38.	OP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
39.	PP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
40.	Alpha Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
41.	Beta Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
42.	Dieldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
43.	2-4 D	ppb	USEPA 1699-2007	BDL(MDL:30.0)
44.	Aldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
45.	Chloropyriphos	ppb	USEPA 1699-2007	BDL(MDL:30.0)
46.	Carboryl (Carbamate)	ppb	USEPA 1699-2007	BDL(MDL:0.01)
47.	Methyl Parathin	ppb	USEPA 1699-2007	BDL(MDL:0.3)
48.	Anilophos	ppb	USEPA 1699-2007	BDL(MDL:0.01)
49.	Malathian	ppb	USEPA 8081 B	BDL(MDL:190.0)
50.	Total Coliform	MPN/ 100 ml	APHA:9221 B 23 rd Edition (Page: 9-69)	81
51.	Fecal Coliform	MPN/ 100 ml	APHA:9222 D 23 rd Edition (Page: 9-89)	35
52.	Fecal Streptococci	MPN/ 100 ml	IS:1622-1981 (R.A.-1996)	9

Statement of conformity:-

Remarks:

BDL: Below Detection Limit, MDL: Minimum Detection Limit

Mrs. Khushbu S. Gajjar
Technical Manager

Mr. Swastik R. Gajjar
Lab Manager(Q)

* End of Report *

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REPORT NUMBER: **EI/WW/0821/028**

DATE OF REPORT: **02-09-2021**

F/7.8/01/Issue No.01/Issue Date: 01-10-2018/ Amend No.:00 / Amend Date:-- / Page 2 of 2

TEST REPORT

REPORT NUMBER: EI/WW/0821/029

DATE OF REPORT: 02-09-2021

CLIENT NAME : POLLUTION CONTROL COMMITTEE,

Dadra and Nagar Haveli and Daman and Diu

ADDRESS : 1st Floor, Udyog Bhavan, Bhenslore, Daman- 396220,INDIA

SAMPLE DETAILS.

Laboratory ID	: EI/WW/0821/029	Date of Sampling	: 28-08-2021
Sample Type	: Surface Water	Date of Sample Receipt	: 28-08-2021
Type of Sampling	: Grab	Sample Condition	: Good
Place of Sampling	: Near Surat Beverages, Dadra,DNH	Quantity of Sample Received	: 5 Liter
Description (GPS)	: N 20°18'33.2568" E72°57'35.8122"	Analysis Start Date	: 28-08-2021
Sampling Protocol / Standard	: IS3025 (Part 1):1987(R.A.2003)	Analysis End Date	: 02-09-2021
Sampling Conducted By	: Nimesh	Duration of Sampling	: -

Sl. No	PARAMETER	UNIT	TEST METHOD	RESULTS
1.	Temperature	°C	APHA:2550 B 23 rd Edition (Page: 2-74)	27.1
2.	pH @ 25°C	pH	APHA:4500 H ⁺ B 23 rd Edition (Page: 4-13)	8.18
3.	Conductivity	µs/cm	IS:3025 (Part-14)	229
4.	Dissolve Oxygen	mg/L	IS:3025 (Part-38)	6.9
5.	Biological Oxygen Demand	mg/L	IS:3025 (Part-44)(3 Days at 27°C)	BDL(MDL:1.0)
6.	Nitrate as N	mg/L	IS:3025 (Part-44)	0.5
7.	Ammonia as N	mg/L	APHA:4500 NH ₃ -B-C 23 rd Edition (Page: 4-114)	BDL(MDL:2.0)
8.	Chemical Oxygen Demand	mg/L	APHA:5220 B 23 rd Edition (Page: 5-18)	BDL(MDL:2.0)
9.	Total Kjeldahl Nitrogen	mg/L	IS:3025 (Part-34)	BDL(MDL:2.0)
10.	Total Dissolve Solids	mg/L	APHA:2540 C 23 rd Edition (Page: 2-69)	118
11.	Total Fixed Solids	mg/L	IS:3025 (Part-18)	104
12.	Total Suspended Solids	mg/L	APHA:2540 B 23 rd Edition (Page: 2-70)	5
13.	Turbidity	NTU	IS:3025 (Part-10)	2
14.	Hardness	mg/L	IS:3025 (Part-21)	96
15.	Fluoride	mg/L	IS:3025 (Part-60)	BDL(MDL:0.1)
16.	Boron	mg/L	IS:3025 (Part-57)	ND
17.	Chloride	mg/L	APHA:4500 Cl ⁻ B 23 rd Edition (Page: 4-75)	10.9
18.	Sulphate	mg/L	IS:3025 (Part-28)	8.8
19.	Total Alkalinity	mg/L	IS:3025 (Part-23)	56
20.	P-Alkalinity	mg/L	IS:3025 (Part-23)	BDL(MDL:4.0)
21.	Phosphate	mg/L	IS:3550 -1965	BDL(MDL:0.1)
22.	Sodium	mg/L	IS:3025 (Part-45)	16.7
23.	Potassium	mg/L	IS:3025 (Part-45)	BDL(MDL:1.0)
24.	Calcium	mg/L	IS:3025 (Part-40)	25.65
25.	Magnesium	mg/L	IS:3025 (Part-46)	10.69

26.	Arsenic	mg/L	IS:3025 (Part-37)	BDL(MDL:0.01)
27.	Nickel	mg/L	IS:3025 (Part-54)	BDL(MDL:0.02)
28.	Copper	mg/L	IS:3025 (Part-42)	BDL(MDL:0.05)
29.	Mercury	mg/L	IS:3025 (Part-48)	BDL(MDL:0.001)
30.	Chromium	mg/L	IS:3025 (Part-52)	BDL(MDL:0.05)
31.	Cadmium	mg/L	IS:3025 (Part-41)	BDL(MDL:0.003)
32.	Zinc	mg/L	IS:3025 (Part-49)	BDL(MDL:0.05)
33.	Lead	mg/L	IS:3025 (Part-47)	BDL(MDL:0.01)
34.	Iron	mg/L	IS:3025 (Part-53)	BDL(MDL:0.01)
35.	Alpha BHC	ppb	USEPA 8081 A	BDL(MDL:0.01)
36.	Beta BHC	ppb	USEPA 8081 A	BDL(MDL:0.04)
37.	Gama BHC	ppb	USEPA 8081 A	BDL(MDL:2.0)
38.	OP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
39.	PP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
40.	Alpha Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
41.	Beta Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
42.	Dieldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
43.	2-4 D	ppb	USEPA 1699-2007	BDL(MDL:30.0)
44.	Aldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
45.	Chloropyriphos	ppb	USEPA 1699-2007	BDL(MDL:30.0)
46.	Carboryl (Carbamate)	ppb	USEPA 1699-2007	BDL(MDL:0.01)
47.	Methyl Parathin	ppb	USEPA 1699-2007	BDL(MDL:0.3)
48.	Anilophos	ppb	USEPA 1699-2007	BDL(MDL:0.01)
49.	Malathian	ppb	USEPA 8081 B	BDL(MDL:190.0)
50.	Total Coliform	MPN/ 100 ml	APHA:9221 B 23 rd Edition (Page: 9-69)	15
51.	Fecal Coliform	MPN/ 100 ml	APHA:9222 D 23 rd Edition (Page: 9-89)	4
52.	Fecal Streptococci	MPN/ 100 ml	IS:1622-1981 (R.A.-1996)	7

Statement of conformity:-

Remarks:

BDL: Below Detection Limit, MDL: Minimum Detection Limit

Mrs. Khushbu S. Gajjar
Technical Manager

Mr. Swastik R. Gajjar
Lab Manager(Q)

* End of Report *

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REPORT NUMBER: **EI/WW/0821/029**

DATE OF REPORT: **02-09-2021**

F/7.8/01/Issue No.01/Issue Date: 01-10-2018/ Amend No.:00 / Amend Date:-- / Page 2 of 2

TEST REPORT

REPORT NUMBER: EI/WW/0821/030**DATE OF REPORT: 02-09-2021****CLIENT NAME : POLLUTION CONTROL COMMITTEE,****Dadra and Nagar Haveli and Daman and Diu****ADDRESS : 1st Floor, Udyog Bhavan, Bhenslore, Daman- 396220,INDIA****SAMPLE DETAILS.**

Laboratory ID	: EI/WW/0821/030	Date of Sampling	: 28-08-2021
Sample Type	: Surface Water	Date of Sample Receipt	: 28-08-2021
Type of Sampling	: Grab	Sample Condition	: Good
Place of Sampling	: At Vapi Weir, Vapi	Quantity of Sample Received	: 5 Liter
Description (GPS)	: N 20°20'23.42", E 72°54'34.49"	Analysis Start Date	: 28-08-2021
Sampling Protocol / Standard	: IS3025 (Part 1):1987(R.A.2003)	Analysis End Date	: 02-09-2021
Sampling Conducted By	: Nimesh	Duration of Sampling	: -

Sl. No	PARAMETER	UNIT	TEST METHOD	RESULTS
1.	Temperature	°C	APHA:2550 B 23 rd Edition (Page: 2-74)	27.9
2.	pH @ 25°C	pH	APHA:4500 H ⁺ B 23 rd Edition (Page: 4-13)	8.09
3.	Conductivity	µs/cm	IS:3025 (Part-14)	179
4.	Dissolve Oxygen	mg/L	IS:3025 (Part-38)	5.4
5.	Biological Oxygen Demand	mg/L	IS:3025 (Part-44)(3 Days at 27°C)	10.51
6.	Nitrate as N	mg/L	IS:3025 (Part-44)	3
7.	Ammonia as N	mg/L	APHA:4500 NH ₃ -B-C 23 rd Edition (Page: 4-114)	BDL(MDL:2.0)
8.	Chemical Oxygen Demand	mg/L	APHA:5220 B 23 rd Edition (Page: 5-18)	34.7
9.	Total Kjeldahl Nitrogen	mg/L	IS:3025 (Part-34)	BDL(MDL:2.0)
10.	Total Dissolve Solids	mg/L	APHA:2540 C 23 rd Edition (Page: 2-69)	111
11.	Total Fixed Solids	mg/L	IS:3025 (Part-18)	118
12.	Total Suspended Solids	mg/L	APHA:2540 B 23 rd Edition (Page: 2-70)	11
13.	Turbidity	NTU	IS:3025 (Part-10)	1
14.	Hardness	mg/L	IS:3025 (Part-21)	104
15.	Fluoride	mg/L	IS:3025 (Part-60)	BDL(MDL:0.1)
16.	Boron	mg/L	IS:3025 (Part-57)	ND
17.	Chloride	mg/L	APHA:4500 Cl ⁻ B 23 rd Edition (Page: 4-75)	17.9
18.	Sulphate	mg/L	IS:3025 (Part-28)	65.6
19.	Total Alkalinity	mg/L	IS:3025 (Part-23)	68
20.	P-Alkalinity	mg/L	IS:3025 (Part-23)	BDL(MDL:4.0)
21.	Phosphate	mg/L	IS:3550 -1965	0.16
22.	Sodium	mg/L	IS:3025 (Part-45)	23.4
23.	Potassium	mg/L	IS:3025 (Part-45)	1.2
24.	Calcium	mg/L	IS:3025 (Part-40)	27.25
25.	Magnesium	mg/L	IS:3025 (Part-46)	8.74
26.	Arsenic	mg/L	IS:3025 (Part-37)	BDL(MDL:0.01)

27.	Nickel	mg/L	IS:3025 (Part-54)	BDL(MDL:0.02)
28.	Copper	mg/L	IS:3025 (Part-42)	BDL(MDL:0.05)
29.	Mercury	mg/L	IS:3025 (Part-48)	BDL(MDL:0.001)
30.	Chromium	mg/L	IS:3025 (Part-52)	BDL(MDL:0.05)
31.	Cadmium	mg/L	IS:3025 (Part-41)	BDL(MDL:0.003)
32.	Zinc	mg/L	IS:3025 (Part-49)	BDL(MDL:0.05)
33.	Lead	mg/L	IS:3025 (Part-47)	BDL(MDL:0.01)
34.	Iron	mg/L	IS:3025 (Part-53)	0.103
35.	Alpha BHC	ppb	USEPA 8081 A	BDL(MDL:0.01)
36.	Beta BHC	ppb	USEPA 8081 A	BDL(MDL:0.04)
37.	Gama BHC	ppb	USEPA 8081 A	BDL(MDL:2.0)
38.	OP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
39.	PP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
40.	Alpha Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
41.	Beta Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
42.	Dieldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
43.	2-4 D	ppb	USEPA 1699-2007	BDL(MDL:30.0)
44.	Aldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
45.	Chloropyriphos	ppb	USEPA 1699-2007	BDL(MDL:30.0)
46.	Carboryl (Carbamate)	ppb	USEPA 1699-2007	BDL(MDL:0.01)
47.	Methyl Parathin	ppb	USEPA 1699-2007	BDL(MDL:0.3)
48.	Anilophos	ppb	USEPA 1699-2007	BDL(MDL:0.01)
49.	Malathian	ppb	USEPA 8081 B	BDL(MDL:190.0)
50.	Total Coliform	MPN/ 100 ml	APHA:9221 B 23 rd Edition (Page: 9-69)	278
51.	Fecal Coliform	MPN/ 100 ml	APHA:9222 D 23 rd Edition (Page: 9-89)	81
52.	Fecal Streptococci	MPN/ 100 ml	IS:1622-1981 (R.A.-1996)	40

Statement of conformity:-

Remarks:

BDL: Below Detection Limit, MDL: Minimum Detection Limit

Mrs. Khushbu S. Gajjar
Technical Manager

Mr. Swastik R. Gajjar
Lab Manager(Q)

* End of Report *

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REPORT NUMBER: **EI/WW/0821/030**

DATE OF REPORT: **02-09-2021**

F/7.8/01/Issue No.01/Issue Date: 01-10-2018/ Amend No.:00 / Amend Date:-- / Page 2 of 2

TEST REPORT

REPORT NUMBER: EI/WW/0821/031**DATE OF REPORT: 02-09-2021****CLIENT NAME : POLLUTION CONTROL COMMITTEE,****Dadra and Nagar Haveli and Daman and Diu****ADDRESS : 1st Floor, Udyog Bhavan, Bhenslore, Daman- 396220,INDIA****SAMPLE DETAILS.**

Laboratory ID	: EI/WW/0821/031	Date of Sampling	: 28-08-2021
Sample Type	: Surface Water	Date of Sample Receipt	: 28-08-2021
Type of Sampling	: Grab	Sample Condition	: Good
Place of Sampling	: At Namdha Village	Quantity of Sample Received	: 5 Liter
Description (GPS)	: N 20°21'45.8", E 72°52'52.3"	Analysis Start Date	: 28-08-2021
Sampling Protocol / Standard	: IS3025 (Part 1):1987(R.A.2003)	Analysis End Date	: 02-09-2021
Sampling Conducted By	: Nimesh	Duration of Sampling	: -

Sl. No	PARAMETER	UNIT	TEST METHOD	RESULTS
1.	Temperature	°C	APHA:2550 B 23 rd Edition (Page: 2-74)	28
2.	pH @ 25°C	pH	APHA:4500 H ⁺ B 23 rd Edition (Page: 4-13)	7.96
3.	Conductivity	µs/cm	IS:3025 (Part-14)	448
4.	Dissolve Oxygen	mg/L	IS:3025 (Part-38)	4.6
5.	Biological Oxygen Demand	mg/L	IS:3025 (Part-44)(3 Days at 27°C)	14.13
6.	Nitrate as N	mg/L	IS:3025 (Part-44)	1.2
7.	Ammonia as N	mg/L	APHA:4500 NH ₃ -B-C 23 rd Edition (Page: 4-114)	2.3
8.	Chemical Oxygen Demand	mg/L	APHA:5220 B 23 rd Edition (Page: 5-18)	41
9.	Total Kjeldahl Nitrogen	mg/L	IS:3025 (Part-34)	16.3
10.	Total Dissolve Solids	mg/L	APHA:2540 C 23 rd Edition (Page: 2-69)	224
11.	Total Fixed Solids	mg/L	IS:3025 (Part-18)	117
12.	Total Suspended Solids	mg/L	APHA:2540 B 23 rd Edition (Page: 2-70)	24
13.	Turbidity	NTU	IS:3025 (Part-10)	1
14.	Hardness	mg/L	IS:3025 (Part-21)	132
15.	Fluoride	mg/L	IS:3025 (Part-60)	BDL(MDL:0.1)
16.	Boron	mg/L	IS:3025 (Part-57)	0.18
17.	Chloride	mg/L	APHA:4500 Cl ⁻ B 23 rd Edition (Page: 4-75)	134
18.	Sulphate	mg/L	IS:3025 (Part-28)	75.2
19.	Total Alkalinity	mg/L	IS:3025 (Part-23)	44
20.	P-Alkalinity	mg/L	IS:3025 (Part-23)	BDL(MDL:4.0)
21.	Phosphate	mg/L	IS:3550 -1965	0.2
22.	Sodium	mg/L	IS:3025 (Part-45)	121.3
23.	Potassium	mg/L	IS:3025 (Part-45)	6.4
24.	Calcium	mg/L	IS:3025 (Part-40)	35.27
25.	Magnesium	mg/L	IS:3025 (Part-46)	8.78
26.	Arsenic	mg/L	IS:3025 (Part-37)	BDL(MDL:0.01)

27.	Nickel	mg/L	IS:3025 (Part-54)	BDL(MDL:0.02)
28.	Copper	mg/L	IS:3025 (Part-42)	BDL(MDL:0.05)
29.	Mercury	mg/L	IS:3025 (Part-48)	BDL(MDL:0.001)
30.	Chromium	mg/L	IS:3025 (Part-52)	BDL(MDL:0.05)
31.	Cadmium	mg/L	IS:3025 (Part-41)	BDL(MDL:0.003)
32.	Zinc	mg/L	IS:3025 (Part-49)	BDL(MDL:0.05)
33.	Lead	mg/L	IS:3025 (Part-47)	BDL(MDL:0.01)
34.	Iron	mg/L	IS:3025 (Part-53)	0.703
35.	Alpha BHC	ppb	USEPA 8081 A	BDL(MDL:0.01)
36.	Beta BHC	ppb	USEPA 8081 A	BDL(MDL:0.04)
37.	Gama BHC	ppb	USEPA 8081 A	BDL(MDL:2.0)
38.	OP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
39.	PP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
40.	Alpha Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
41.	Beta Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
42.	Dieldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
43.	2-4 D	ppb	USEPA 1699-2007	BDL(MDL:30.0)
44.	Aldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
45.	Chloropyriphos	ppb	USEPA 1699-2007	BDL(MDL:30.0)
46.	Carboryl (Carbamate)	ppb	USEPA 1699-2007	BDL(MDL:0.01)
47.	Methyl Parathin	ppb	USEPA 1699-2007	BDL(MDL:0.3)
48.	Anilophos	ppb	USEPA 1699-2007	BDL(MDL:0.01)
49.	Malathian	ppb	USEPA 8081 B	BDL(MDL:190.0)
50.	Total Coliform	MPN/ 100 ml	APHA:9221 B 23 rd Edition (Page: 9-69)	554
51.	Fecal Coliform	MPN/ 100 ml	APHA:9222 D 23 rd Edition (Page: 9-89)	350
52.	Fecal Streptococci	MPN/ 100 ml	IS:1622-1981 (R.A.-1996)	45

Statement of conformity:-

Remarks:

BDL: Below Detection Limit, MDL: Minimum Detection Limit

Mrs. Khushbu S. Gajjar
Technical Manager

Mr. Swastik R. Gajjar
Lab Manager(Q)

* End of Report *

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REPORT NUMBER: **EI/WW/0821/031**

DATE OF REPORT:**02-09-2021**

F/7.8/01/Issue No.01/Issue Date: 01-10-2018/ Amend No.:00 / Amend Date:-- / Page 2 of 2

TEST REPORT

REPORT NUMBER: EI/WW/0821/032**DATE OF REPORT: 02-09-2021****CLIENT NAME : POLLUTION CONTROL COMMITTEE,****Dadra and Nagar Haveli and Daman and Diu****ADDRESS : 1st Floor, Udyog Bhavan, Bhenslore, Daman- 396220,INDIA****SAMPLE DETAILS.**

Laboratory ID	: EI/WW/0821/032	Date of Sampling	: 28-08-2021
Sample Type	: Surface Water	Date of Sample Receipt	: 28-08-2021
Type of Sampling	: Grab	Sample Condition	: Good
Place of Sampling	: At Zari Causeway, Kachigam	Quantity of Sample Received	: 5 Liter
Description (GPS)	: N 20°22'18.62", E 72°52'50.52"	Analysis Start Date	: 28-08-2021
Sampling Protocol / Standard	: IS3025 (Part 1):1987(R.A.2003)	Analysis End Date	: 02-09-2021
Sampling Conducted By	: Nimesh	Duration of Sampling	: -

Sl. No	PARAMETER	UNIT	TEST METHOD	RESULTS
1.	Temperature	°C	APHA:2550 B 23 rd Edition (Page: 2-74)	28.1
2.	pH @ 25°C	pH	APHA:4500 H ⁺ B 23 rd Edition (Page: 4-13)	8.00
3.	Conductivity	µs/cm	IS:3025 (Part-14)	3245
4.	Dissolve Oxygen	mg/L	IS:3025 (Part-38)	5.6
5.	Biological Oxygen Demand	mg/L	IS:3025 (Part-44)(3 Days at 27°C)	12.25
6.	Nitrate as N	mg/L	IS:3025 (Part-44)	0.6
7.	Ammonia as N	mg/L	APHA:4500 NH ₃ -B-C 23 rd Edition (Page: 4-114)	3.4
8.	Chemical Oxygen Demand	mg/L	APHA:5220 B 23 rd Edition (Page: 5-18)	38
9.	Total Kjeldahl Nitrogen	mg/L	IS:3025 (Part-34)	6.8
10.	Total Dissolve Solids	mg/L	APHA:2540 C 23 rd Edition (Page: 2-69)	2248
11.	Total Fixed Solids	mg/L	IS:3025 (Part-18)	1387
12.	Total Suspended Solids	mg/L	APHA:2540 B 23 rd Edition (Page: 2-70)	23
13.	Turbidity	NTU	IS:3025 (Part-10)	1
14.	Hardness	mg/L	IS:3025 (Part-21)	347
15.	Fluoride	mg/L	IS:3025 (Part-60)	BDL(MDL:0.1)
16.	Boron	mg/L	IS:3025 (Part-57)	0.19
17.	Chloride	mg/L	APHA:4500 Cl ⁻ B 23 rd Edition (Page: 4-75)	1345
18.	Sulphate	mg/L	IS:3025 (Part-28)	284
19.	Total Alkalinity	mg/L	IS:3025 (Part-23)	46
20.	P-Alkalinity	mg/L	IS:3025 (Part-23)	BDL(MDL:4.0)
21.	Phosphate	mg/L	IS:3550 -1965	3.5
22.	Sodium	mg/L	IS:3025 (Part-45)	754.3
23.	Potassium	mg/L	IS:3025 (Part-45)	27.5
24.	Calcium	mg/L	IS:3025 (Part-40)	38.47
25.	Magnesium	mg/L	IS:3025 (Part-46)	6.8
26.	Arsenic	mg/L	IS:3025 (Part-37)	BDL(MDL:0.01)

27.	Nickel	mg/L	IS:3025 (Part-54)	0.022
28.	Copper	mg/L	IS:3025 (Part-42)	BDL(MDL:0.05)
29.	Mercury	mg/L	IS:3025 (Part-48)	BDL(MDL:0.001)
30.	Chromium	mg/L	IS:3025 (Part-52)	BDL(MDL:0.05)
31.	Cadmium	mg/L	IS:3025 (Part-41)	BDL(MDL:0.003)
32.	Zinc	mg/L	IS:3025 (Part-49)	BDL(MDL:0.05)
33.	Lead	mg/L	IS:3025 (Part-47)	BDL(MDL:0.01)
34.	Iron	mg/L	IS:3025 (Part-53)	BDL(MDL:0.01)
35.	Alpha BHC	ppb	USEPA 8081 A	BDL(MDL:0.01)
36.	Beta BHC	ppb	USEPA 8081 A	BDL(MDL:0.04)
37.	Gama BHC	ppb	USEPA 8081 A	BDL(MDL:2.0)
38.	OP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
39.	PP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
40.	Alpha Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
41.	Beta Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
42.	Dieldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
43.	2-4 D	ppb	USEPA 1699-2007	BDL(MDL:30.0)
44.	Aldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
45.	Chloropyriphos	ppb	USEPA 1699-2007	BDL(MDL:30.0)
46.	Carboryl (Carbamate)	ppb	USEPA 1699-2007	BDL(MDL:0.01)
47.	Methyl Parathin	ppb	USEPA 1699-2007	BDL(MDL:0.3)
48.	Anilophos	ppb	USEPA 1699-2007	BDL(MDL:0.01)
49.	Malathian	ppb	USEPA 8081 B	BDL(MDL:190.0)
50.	Total Coliform	MPN/ 100 ml	APHA:9221 B 23 rd Edition (Page: 9-69)	860
51.	Fecal Coliform	MPN/ 100 ml	APHA:9222 D 23 rd Edition (Page: 9-89)	480
52.	Fecal Streptococci	MPN/ 100 ml	IS:1622-1981 (R.A.-1996)	130

Statement of conformity:-

Remarks:

BDL: Below Detection Limit, MDL: Minimum Detection Limit

Mrs. Khushbu S. Gajjar
Technical Manager

Mr. Swastik R. Gajjar
Lab Manager(Q)

* End of Report *

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REPORT NUMBER: **EI/WW/0821/032**

DATE OF REPORT: **02-09-2021**

F/7.8/01/Issue No.01/Issue Date: 01-10-2018/ Amend No.:00 / Amend Date:-- / Page 2 of 2

TEST REPORT

REPORT NUMBER: EI/WW/0821/033**DATE OF REPORT: 02-09-2021****CLIENT NAME : POLLUTION CONTROL COMMITTEE,****Dadra and Nagar Haveli and Daman and Diu****ADDRESS : 1st Floor, Udyog Bhavan, Bhenslore, Daman- 396220,INDIA****SAMPLE DETAILS.**

Laboratory ID : EI/WW/0821/033	Date of Sampling : 28-08-2021
Sample Type : Surface Water	Date of Sample Receipt : 28-08-2021
Type of Sampling : Grab	Sample Condition : Good
Place of Sampling : At Moti Daman Jetty	Quantity of Sample Received : 5 Liter
Description (GPS) : N 20°24'40.18", E 72°50'3.19"	Analysis Start Date : 28-08-2021
Sampling Protocol / Standard : IS3025 (Part 1):1987(R.A.2003)	Analysis End Date : 02-09-2021
Sampling Conducted By : Nimesh	Duration of Sampling : -

Sl. No	PARAMETER	UNIT	TEST METHOD	RESULTS
1.	Temperature	°C	APHA:2550 B 23 rd Edition (Page: 2-74)	27.9
2.	pH @ 25°C	pH	APHA:4500 H ⁺ B 23 rd Edition (Page: 4-13)	8.25
3.	Conductivity	µs/cm	IS:3025 (Part-14)	23754
4.	Dissolve Oxygen	mg/L	IS:3025 (Part-38)	6.7
5.	Biological Oxygen Demand	mg/L	IS:3025 (Part-44)(3 Days at 27°C)	4.11
6.	Nitrate as N	mg/L	IS:3025 (Part-44)	0.7
7.	Ammonia as N	mg/L	APHA:4500 NH ₃ -B-C 23 rd Edition (Page: 4-114)	6.3
8.	Chemical Oxygen Demand	mg/L	APHA:5220 B 23 rd Edition (Page: 5-18)	14
9.	Total Kjeldahl Nitrogen	mg/L	IS:3025 (Part-34)	5.9
10.	Total Dissolve Solids	mg/L	APHA:2540 C 23 rd Edition (Page: 2-69)	13834
11.	Total Fixed Solids	mg/L	IS:3025 (Part-18)	9876
12.	Total Suspended Solids	mg/L	APHA:2540 B 23 rd Edition (Page: 2-70)	180
13.	Turbidity	NTU	IS:3025 (Part-10)	1
14.	Hardness	mg/L	IS:3025 (Part-21)	760
15.	Fluoride	mg/L	IS:3025 (Part-60)	BDL(MDL:0.1)
16.	Boron	mg/L	IS:3025 (Part-57)	0.21
17.	Chloride	mg/L	APHA:4500 Cl ⁻ B 23 rd Edition (Page: 4-75)	8647
18.	Sulphate	mg/L	IS:3025 (Part-28)	1247
19.	Total Alkalinity	mg/L	IS:3025 (Part-23)	72
20.	P-Alkalinity	mg/L	IS:3025 (Part-23)	BDL(MDL:4.0)
21.	Phosphate	mg/L	IS:3550 -1965	2.7
22.	Sodium	mg/L	IS:3025 (Part-45)	4527
23.	Potassium	mg/L	IS:3025 (Part-45)	219
24.	Calcium	mg/L	IS:3025 (Part-40)	160.32
25.	Magnesium	mg/L	IS:3025 (Part-46)	87.48
26.	Arsenic	mg/L	IS:3025 (Part-37)	BDL(MDL:0.01)

27.	Nickel	mg/L	IS:3025 (Part-54)	0.421
28.	Copper	mg/L	IS:3025 (Part-42)	0.083
29.	Mercury	mg/L	IS:3025 (Part-48)	BDL(MDL:0.001)
30.	Chromium	mg/L	IS:3025 (Part-52)	0.072
31.	Cadmium	mg/L	IS:3025 (Part-41)	0.253
32.	Zinc	mg/L	IS:3025 (Part-49)	0.04
33.	Lead	mg/L	IS:3025 (Part-47)	BDL(MDL:0.01)
34.	Iron	mg/L	IS:3025 (Part-53)	0.654
35.	Alpha BHC	ppb	USEPA 8081 A	BDL(MDL:0.01)
36.	Beta BHC	ppb	USEPA 8081 A	BDL(MDL:0.04)
37.	Gama BHC	ppb	USEPA 8081 A	BDL(MDL:2.0)
38.	OP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
39.	PP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
40.	Alpha Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
41.	Beta Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
42.	Dieldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
43.	2-4 D	ppb	USEPA 1699-2007	BDL(MDL:30.0)
44.	Aldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
45.	Chloropyriphos	ppb	USEPA 1699-2007	BDL(MDL:30.0)
46.	Carboryl (Carbamate)	ppb	USEPA 1699-2007	BDL(MDL:0.01)
47.	Methyl Parathin	ppb	USEPA 1699-2007	BDL(MDL:0.3)
48.	Anilophos	ppb	USEPA 1699-2007	BDL(MDL:0.01)
49.	Malathian	ppb	USEPA 8081 B	BDL(MDL:190.0)
50.	Total Coliform	MPN/ 100 ml	APHA:9221 B 23 rd Edition (Page: 9-69)	132
51.	Fecal Coliform	MPN/ 100 ml	APHA:9222 D 23 rd Edition (Page: 9-89)	42
52.	Fecal Streptococci	MPN/ 100 ml	IS:1622-1981 (R.A.-1996)	26

Statement of conformity:-

Remarks:

BDL: Below Detection Limit, MDL: Minimum Detection Limit

Mrs. Khushbu S. Gajjar
Technical Manager

Mr. Swastik R. Gajjar
Lab Manager(Q)

* End of Report *

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REPORT NUMBER: **EI/WW/0821/033**

DATE OF REPORT: **02-09-2021**

F/7.8/01/Issue No.01/Issue Date: 01-10-2018/ Amend No.:00 / Amend Date:-- / Page 2 of 2

TEST REPORT

REPORT NUMBER:EI/WW/0821/034**DATE OF REPORT: 02-09-2021****CLIENT NAME : POLLUTION CONTROL COMMITTEE,****Dadra and Nagar Haveli and Daman and Diu****ADDRESS : 1st Floor, Udyog Bhavan, Bhenslore, Daman- 396220,INDIA****SAMPLE DETAILS.**

Laboratory ID	: EI/WW/0821/034	Date of Sampling	: 28-08-2021
Sample Type	: Surface Water	Date of Sample Receipt	: 28-08-2021
Type of Sampling	: Grab	Sample Condition	: Good
Place of Sampling	: Outlet of CETP, Vapi	Quantity of Sample Received	: 5 Liter
Description (GPS)	: N 20°20'34.62"E72°54'20.38"	Analysis Start Date	: 28-08-2021
Sampling Protocol / Standard	: IS3025 (Part 1):1987(R.A.2003)	Analysis End Date	: 02-09-2021
Sampling Conducted By	: Nimesh	Duration of Sampling	: -

Sl. No	PARAMETER	UNIT	TEST METHOD	RESULTS
1.	Temperature	°C	APHA:2550 B 23 rd Edition (Page: 2-74)	27.7
2.	pH @ 25°C	pH	APHA:4500 H ⁺ B 23 rd Edition (Page: 4-13)	7.96
3.	Conductivity	µs/cm	IS:3025 (Part-14)	6245
4.	Dissolve Oxygen	mg/L	IS:3025 (Part-38)	4.9
5.	Biological Oxygen Demand	mg/L	IS:3025 (Part-44)(3 Days at 27°C)	16.96
6.	Nitrate as N	mg/L	IS:3025 (Part-44)	1.8
7.	Ammonia as N	mg/L	APHA:4500 NH ₃ -B-C 23 rd Edition (Page: 4-114)	16.8
8.	Chemical Oxygen Demand	mg/L	APHA:5220 B 23 rd Edition (Page: 5-18)	52.6
9.	Total Kjeldahl Nitrogen	mg/L	IS:3025 (Part-34)	48.7
10.	Total Dissolve Solids	mg/L	APHA:2540 C 23 rd Edition (Page: 2-69)	3742
11.	Total Fixed Solids	mg/L	IS:3025 (Part-18)	2745
12.	Total Suspended Solids	mg/L	APHA:2540 B 23 rd Edition (Page: 2-70)	34
13.	Turbidity	NTU	IS:3025 (Part-10)	2
14.	Hardness	mg/L	IS:3025 (Part-21)	1289
15.	Fluoride	mg/L	IS:3025 (Part-60)	BDL(MDL:0.1)
16.	Boron	mg/L	IS:3025 (Part-57)	0.2
17.	Chloride	mg/L	APHA:4500 Cl ⁻ B 23 rd Edition (Page: 4-75)	2630.3
18.	Sulphate	mg/L	IS:3025 (Part-28)	924
19.	Total Alkalinity	mg/L	IS:3025 (Part-23)	200
20.	P-Alkalinity	mg/L	IS:3025 (Part-23)	BDL(MDL:4.0)
21.	Phosphate	mg/L	IS:3550 -1965	3.1
22.	Sodium	mg/L	IS:3025 (Part-45)	957
23.	Potassium	mg/L	IS:3025 (Part-45)	41.5
24.	Calcium	mg/L	IS:3025 (Part-40)	241.25
25.	Magnesium	mg/L	IS:3025 (Part-46)	157.4
26.	Arsenic	mg/L	IS:3025 (Part-37)	BDL(MDL:0.01)

27.	Nickel	mg/L	IS:3025 (Part-54)	0.202
28.	Copper	mg/L	IS:3025 (Part-42)	BDL(MDL:0.05)
29.	Mercury	mg/L	IS:3025 (Part-48)	BDL(MDL:0.001)
30.	Chromium	mg/L	IS:3025 (Part-52)	BDL(MDL:0.05)
31.	Cadmium	mg/L	IS:3025 (Part-41)	0.029
32.	Zinc	mg/L	IS:3025 (Part-49)	0.11
33.	Lead	mg/L	IS:3025 (Part-47)	BDL(MDL:0.01)
34.	Iron	mg/L	IS:3025 (Part-53)	1.028
35.	Alpha BHC	ppb	USEPA 8081 A	BDL(MDL:0.01)
36.	Beta BHC	ppb	USEPA 8081 A	BDL(MDL:0.04)
37.	Gama BHC	ppb	USEPA 8081 A	BDL(MDL:2.0)
38.	OP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
39.	PP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
40.	Alpha Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
41.	Beta Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
42.	Dieldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
43.	2-4 D	ppb	USEPA 1699-2007	BDL(MDL:30.0)
44.	Aldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
45.	Chloropyriphos	ppb	USEPA 1699-2007	BDL(MDL:30.0)
46.	Carboryl (Carbamate)	ppb	USEPA 1699-2007	BDL(MDL:0.01)
47.	Methyl Parathin	ppb	USEPA 1699-2007	BDL(MDL:0.3)
48.	Anilophos	ppb	USEPA 1699-2007	BDL(MDL:0.01)
49.	Malathian	ppb	USEPA 8081 B	BDL(MDL:190.0)
50.	Total Coliform	MPN/ 100 ml	APHA:9221 B 23 rd Edition (Page: 9-69)	>1600
51.	Fecal Coliform	MPN/ 100 ml	APHA:9222 D 23 rd Edition (Page: 9-89)	900
52.	Fecal Streptococci	MPN/ 100 ml	IS:1622-1981 (R.A.-1996)	85

Statement of conformity:-

Remarks:

BDL: Below Detection Limit, MDL: Minimum Detection Limit

Mrs. Khushbu S. Gajjar
Technical Manager

Mr. Swastik R. Gajjar
Lab Manager(Q)

* End of Report *

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REPORT NUMBER: **EI/WW/0821/034**

DATE OF REPORT: **02-09-2021**

F/7.8/01/Issue No.01/Issue Date: 01-10-2018/ Amend No.:00 / Amend Date:-- / Page 2 of 2

TEST REPORT

REPORT NUMBER: EI/WW/0821/035**DATE OF REPORT: 02-09-2021****CLIENT NAME : POLLUTION CONTROL COMMITTEE,****Dadra and Nagar Haveli and Daman and Diu****ADDRESS : 1st Floor, Udyog Bhavan, Bhenslore, Daman- 396220,INDIA****SAMPLE DETAILS.**

Laboratory ID	: EI/WW/0821/035	Date of Sampling	: 28-08-2021
Sample Type	: Surface Water	Date of Sample Receipt	: 28-08-2021
Type of Sampling	: Grab	Sample Condition	: Good
Place of Sampling	: Outlet of GHCL, Bhilad	Quantity of Sample Received	: 5 Liter
Description (GPS)	: N 20°17'35.81"E72°53'49.31"	Analysis Start Date	: 28-08-2021
Sampling Protocol / Standard	: IS3025 (Part 1):1987(R.A.2003)	Analysis End Date	: 02-09-2021
Sampling Conducted By	: Nimesh	Duration of Sampling	: -

Sl. No	PARAMETER	UNIT	TEST METHOD	RESULTS
1.	Temperature	°C	APHA:2550 B 23 rd Edition (Page: 2-74)	27.2
2.	pH @ 25°C	pH	APHA:4500 H ⁺ B 23 rd Edition (Page: 4-13)	8.14
3.	Conductivity	µs/cm	IS:3025 (Part-14)	2341
4.	Dissolve Oxygen	mg/L	IS:3025 (Part-38)	5.8
5.	Biological Oxygen Demand	mg/L	IS:3025 (Part-44)(3 Days at 27°C)	15.57
6.	Nitrate as N	mg/L	IS:3025 (Part-44)	4.3
7.	Ammonia as N	mg/L	APHA:4500 NH ₃ -B-C 23 rd Edition (Page: 4-114)	15.4
8.	Chemical Oxygen Demand	mg/L	APHA:5220 B 23 rd Edition (Page: 5-18)	43.6
9.	Total Kjeldahl Nitrogen	mg/L	IS:3025 (Part-34)	12.6
10.	Total Dissolve Solids	mg/L	APHA:2540 C 23 rd Edition (Page: 2-69)	1487
11.	Total Fixed Solids	mg/L	IS:3025 (Part-18)	989
12.	Total Suspended Solids	mg/L	APHA:2540 B 23 rd Edition (Page: 2-70)	42
13.	Turbidity	NTU	IS:3025 (Part-10)	2
14.	Hardness	mg/L	IS:3025 (Part-21)	308
15.	Fluoride	mg/L	IS:3025 (Part-60)	BDL(MDL:0.1)
16.	Boron	mg/L	IS:3025 (Part-57)	ND
17.	Chloride	mg/L	APHA:4500 Cl ⁻ B 23 rd Edition (Page: 4-75)	286.7
18.	Sulphate	mg/L	IS:3025 (Part-28)	204.9
19.	Total Alkalinity	mg/L	IS:3025 (Part-23)	432
20.	P-Alkalinity	mg/L	IS:3025 (Part-23)	BDL(MDL:4.0)
21.	Phosphate	mg/L	IS:3550 -1965	2.9
22.	Sodium	mg/L	IS:3025 (Part-45)	425.4
23.	Potassium	mg/L	IS:3025 (Part-45)	32.8
24.	Calcium	mg/L	IS:3025 (Part-40)	64.12
25.	Magnesium	mg/L	IS:3025 (Part-46)	35.96
26.	Arsenic	mg/L	IS:3025 (Part-37)	BDL(MDL:0.01)

27.	Nickel	mg/L	IS:3025 (Part-54)	BDL(MDL:0.02)
28.	Copper	mg/L	IS:3025 (Part-42)	0.153
29.	Mercury	mg/L	IS:3025 (Part-48)	BDL(MDL:0.001)
30.	Chromium	mg/L	IS:3025 (Part-52)	BDL(MDL:0.05)
31.	Cadmium	mg/L	IS:3025 (Part-41)	0.059
32.	Zinc	mg/L	IS:3025 (Part-49)	BDL(MDL:0.05)
33.	Iron	mg/L	IS:3025 (Part-53)	BDL(MDL:0.01)
34.	Lead	mg/L	IS:3025 (Part-47)	0.607
35.	Alpha BHC	ppb	USEPA 8081 A	BDL(MDL:0.01)
36.	Beta BHC	ppb	USEPA 8081 A	BDL(MDL:0.04)
37.	Gama BHC	ppb	USEPA 8081 A	BDL(MDL:2.0)
38.	OP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
39.	PP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
40.	Alpha Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
41.	Beta Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
42.	Dieldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
43.	2-4 D	ppb	USEPA 1699-2007	BDL(MDL:30.0)
44.	Aldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
45.	Chloropyriphos	ppb	USEPA 1699-2007	BDL(MDL:30.0)
46.	Carboryl (Carbamate)	ppb	USEPA 1699-2007	BDL(MDL:0.01)
47.	Methyl Parathin	ppb	USEPA 1699-2007	BDL(MDL:0.3)
48.	Anilophos	ppb	USEPA 1699-2007	BDL(MDL:0.01)
49.	Malathian	ppb	USEPA 8081 B	BDL(MDL:190.0)
50.	Total Coliform	MPN/ 100 ml	APHA:9221 B 23 rd Edition (Page: 9-69)	>1600
51.	Fecal Coliform	MPN/ 100 ml	APHA:9222 D 23 rd Edition (Page: 9-89)	1600
52.	Fecal Streptococci	MPN/ 100 ml	IS:1622-1981 (R.A.-1996)	900

Statement of conformity:-

Remarks:

BDL: Below Detection Limit, MDL: Minimum Detection Limit

Mrs. Khushbu S. Gajjar
Technical Manager

Mr. Swastik R. Gajjar
Lab Manager(Q)

* End of Report *

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REPORT NUMBER: **EI/WW/0821/035**

DATE OF REPORT: **02-09-2021**

F/7.8/01/Issue No.01/Issue Date: 01-10-2018/ Amend No.:00 / Amend Date:-- / Page 2 of 2

TEST REPORT

REPORT NUMBER: EI/WW/0821/036**DATE OF REPORT: 02-09-2021****CLIENT NAME : POLLUTION CONTROL COMMITTEE,****Dadra and Nagar Haveli and Daman and Diu****ADDRESS : 1st Floor, Udyog Bhavan, Bhenslore, Daman- 396220,INDIA****SAMPLE DETAILS.**

Laboratory ID	: EI/WW/0821/036	Date of Sampling	: 28-08-2021
Sample Type	: Surface Water	Date of Sample Receipt	: 28-08-2021
Type of Sampling	: Grab	Sample Condition	: Good
Place of Sampling	: 100 meter Downstream of outlet of CETP, Vapi (from river)	Quantity of Sample Received	: 5 Liter
Description (GPS)	: N 20°20'31.52", E72°54'16.88"	Analysis Start Date	: 28-08-2021
Sampling Protocol / Standard	: IS3025 (Part 1):1987(R.A.2003)	Analysis End Date	: 02-09-2021
Sampling Conducted By	: Nimesh	Duration of Sampling	: -

Sl. No	PARAMETER	UNIT	TEST METHOD	RESULTS
1.	Temperature	°C	APHA:2550 B 23 rd Edition (Page: 2-74)	27
2.	pH @ 25°C	pH	APHA:4500 H ⁺ B 23 rd Edition (Page: 4-13)	7.12
3.	Conductivity	µs/cm	IS:3025 (Part-14)	723
4.	Dissolve Oxygen	mg/L	IS:3025 (Part-38)	6
5.	Biological Oxygen Demand	mg/L	IS:3025 (Part-44)(3 Days at 27°C)	3.28
6.	Nitrate as N	mg/L	IS:3025 (Part-44)	0.5
7.	Ammonia as N	mg/L	APHA:4500 NH ₃ -B-C 23 rd Edition (Page: 4-114)	8.45
8.	Chemical Oxygen Demand	mg/L	APHA:5220 B 23 rd Edition (Page: 5-18)	10.5
9.	Total Kjeldahl Nitrogen	mg/L	IS:3025 (Part-34)	14.7
10.	Total Dissolve Solids	mg/L	APHA:2540 C 23 rd Edition (Page: 2-69)	470
11.	Total Fixed Solids	mg/L	IS:3025 (Part-18)	348
12.	Total Suspended Solids	mg/L	APHA:2540 B 23 rd Edition (Page: 2-70)	13
13.	Turbidity	NTU	IS:3025 (Part-10)	0.1
14.	Hardness	mg/L	IS:3025 (Part-21)	224
15.	Fluoride	mg/L	IS:3025 (Part-60)	BDL(MDL:0.1)
16.	Boron	mg/L	IS:3025 (Part-57)	ND
17.	Chloride	mg/L	APHA:4500 Cl ⁻ B 23 rd Edition (Page: 4-75)	130.3
18.	Sulphate	mg/L	IS:3025 (Part-28)	115.7
19.	Total Alkalinity	mg/L	IS:3025 (Part-23)	84
20.	P-Alkalinity	mg/L	IS:3025 (Part-23)	BDL(MDL:4.0)
21.	Phosphate	mg/L	IS:3550 -1965	3.2
22.	Sodium	mg/L	IS:3025 (Part-45)	83.4
23.	Potassium	mg/L	IS:3025 (Part-45)	6.7
24.	Calcium	mg/L	IS:3025 (Part-40)	60.92

25.	Magnesium	mg/L	IS:3025 (Part-46)	17.49
26.	Arsenic	mg/L	IS:3025 (Part-37)	BDL(MDL:0.01)
27.	Nickel	mg/L	IS:3025 (Part-54)	BDL(MDL:0.02)
28.	Copper	mg/L	IS:3025 (Part-42)	BDL(MDL:0.05)
29.	Mercury	mg/L	IS:3025 (Part-48)	BDL(MDL:0.001)
30.	Chromium	mg/L	IS:3025 (Part-52)	BDL(MDL:0.05)
31.	Cadmium	mg/L	IS:3025 (Part-41)	BDL(MDL:0.003)
32.	Zinc	mg/L	IS:3025 (Part-49)	BDL(MDL:0.05)
33.	Lead	mg/L	IS:3025 (Part-47)	BDL(MDL:0.01)
34.	Iron	mg/L	IS:3025 (Part-53)	BDL(MDL:0.01)
35.	Alpha BHC	ppb	USEPA 8081 A	BDL(MDL:0.01)
36.	Beta BHC	ppb	USEPA 8081 A	BDL(MDL:0.04)
37.	Gama BHC	ppb	USEPA 8081 A	BDL(MDL:2.0)
38.	OP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
39.	PP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
40.	Alpha Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
41.	Beta Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
42.	Dieldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
43.	2-4 D	ppb	USEPA 1699-2007	BDL(MDL:30.0)
44.	Aldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
45.	Chloropyriphos	ppb	USEPA 1699-2007	BDL(MDL:30.0)
46.	Carboryl (Carbamate)	ppb	USEPA 1699-2007	BDL(MDL:0.01)
47.	Methyl Parathin	ppb	USEPA 1699-2007	BDL(MDL:0.3)
48.	Anilophos	ppb	USEPA 1699-2007	BDL(MDL:0.01)
49.	Malathian	ppb	USEPA 8081 B	BDL(MDL:190.0)
50.	Total Coliform	MPN/ 100 ml	APHA:9221 B 23 rd Edition (Page: 9-69)	>1600
51.	Fecal Coliform	MPN/ 100 ml	APHA:9222 D 23 rd Edition (Page: 9-89)	1600
52.	Fecal Streptococci	MPN/ 100 ml	IS:1622-1981 (R.A.-1996)	140

Statement of conformity:-

Remarks:

BDL: Below Detection Limit, MDL: Minimum Detection Limit

Mrs. Khushbu S. Gajjar
Technical Manager

Mr. Swastik R. Gajjar
Lab Manager(Q)

* End of Report *

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REPORT NUMBER: **EI/WW/0821/036**

DATE OF REPORT: **02-09-2021**

F/7.8/01/Issue No.01/Issue Date: 01-10-2018/ Amend No.:00 / Amend Date:-- / Page 2 of 2

TEST REPORT

REPORT NUMBER: EI/WW/0821/037

DATE OF REPORT: 02-09-2021

CLIENT NAME : POLLUTION CONTROL COMMITTEE,

Dadra and Nagar Haveli and Daman and Diu

ADDRESS : 1st Floor, Udyog Bhavan, Bhenslore, Daman- 396220,INDIA

SAMPLE DETAILS.

Laboratory ID	: EI/WW/0821/037	Date of Sampling	: 28-08-2021
Sample Type	: Surface Water	Date of Sample Receipt	: 28-08-2021
Type of Sampling	: Grab	Sample Condition	: Good
Place of Sampling	: At Patalia Bridge(Kolak River)	Quantity of Sample Received	: 5 Liter
Description (GPS)	: N 20°27'41", E72°53'12.59"	Analysis Start Date	: 28-08-2021
Sampling Protocol / Standard	: IS3025 (Part 1):1987(R.A.2003)	Analysis End Date	: 02-09-2021
Sampling Conducted By	: Nimesh	Duration of Sampling	: -

Sl. No	PARAMETER	UNIT	TEST METHOD	RESULTS
1.	Temperature	°C	APHA:2550 B 23 rd Edition (Page: 2-74)	27.5
2.	pH @ 25°C	pH	APHA:4500 H ⁺ B 23 rd Edition (Page: 4-13)	8.13
3.	Conductivity	µs/cm	IS:3025 (Part-14)	289
4.	Dissolve Oxygen	mg/L	IS:3025 (Part-38)	6.1
5.	Biological Oxygen Demand	mg/L	IS:3025 (Part-44)(3 Days at 27°C)	4.97
6.	Nitrate as N	mg/L	IS:3025 (Part-44)	0.5
7.	Ammonia as N	mg/L	APHA:4500 NH ₃ -B-C 23 rd Edition (Page: 4-114)	2.4
8.	Chemical Oxygen Demand	mg/L	APHA:5220 B 23 rd Edition (Page: 5-18)	17.4
9.	Total Kjeldahl Nitrogen	mg/L	IS:3025 (Part-34)	6.8
10.	Total Dissolve Solids	mg/L	APHA:2540 C 23 rd Edition (Page: 2-69)	194
11.	Total Fixed Solids	mg/L	IS:3025 (Part-18)	132
12.	Total Suspended Solids	mg/L	APHA:2540 B 23 rd Edition (Page: 2-70)	43
13.	Turbidity	NTU	IS:3025 (Part-10)	2
14.	Hardness	mg/L	IS:3025 (Part-21)	200
15.	Fluoride	mg/L	IS:3025 (Part-60)	BDL(MDL:0.1)
16.	Boron	mg/L	IS:3025 (Part-57)	ND
17.	Chloride	mg/L	APHA:4500 Cl ⁻ B 23 rd Edition (Page: 4-75)	64.8
18.	Sulphate	mg/L	IS:3025 (Part-28)	39.2
19.	Total Alkalinity	mg/L	IS:3025 (Part-23)	80
20.	P-Alkalinity	mg/L	IS:3025 (Part-23)	BDL(MDL:4.0)
21.	Phosphate	mg/L	IS:3550 -1965	0.64
22.	Sodium	mg/L	IS:3025 (Part-45)	583.6
23.	Potassium	mg/L	IS:3025 (Part-45)	23.7
24.	Calcium	mg/L	IS:3025 (Part-40)	49.69
25.	Magnesium	mg/L	IS:3025 (Part-46)	18.46
26.	Arsenic	mg/L	IS:3025 (Part-37)	BDL(MDL:0.01)

27.	Nickel	mg/L	IS:3025 (Part-54)	BDL(MDL:0.02)
28.	Copper	mg/L	IS:3025 (Part-42)	BDL(MDL:0.05)
29.	Mercury	mg/L	IS:3025 (Part-48)	BDL(MDL:0.001)
30.	Chromium	mg/L	IS:3025 (Part-52)	BDL(MDL:0.05)
31.	Cadmium	mg/L	IS:3025 (Part-41)	0.031
32.	Zinc	mg/L	IS:3025 (Part-49)	BDL(MDL:0.05)
33.	Lead	mg/L	IS:3025 (Part-47)	BDL(MDL:0.01)
34.	Iron	mg/L	IS:3025 (Part-53)	0.79
35.	Alpha BHC	ppb	USEPA 8081 A	BDL(MDL:0.01)
36.	Beta BHC	ppb	USEPA 8081 A	BDL(MDL:0.04)
37.	Gama BHC	ppb	USEPA 8081 A	BDL(MDL:2.0)
38.	OP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
39.	PP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
40.	Alpha Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
41.	Beta Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
42.	Dieldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
43.	2-4 D	ppb	USEPA 1699-2007	BDL(MDL:30.0)
44.	Aldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
45.	Chloropyriphos	ppb	USEPA 1699-2007	BDL(MDL:30.0)
46.	Carboryl (Carbamate)	ppb	USEPA 1699-2007	BDL(MDL:0.01)
47.	Methyl Parathin	ppb	USEPA 1699-2007	BDL(MDL:0.3)
48.	Anilophos	ppb	USEPA 1699-2007	BDL(MDL:0.01)
49.	Malathian	ppb	USEPA 8081 B	BDL(MDL:190.0)
50.	Total Coliform	MPN/ 100 ml	APHA:9221 B 23 rd Edition (Page: 9-69)	>1600
51.	Fecal Coliform	MPN/ 100 ml	APHA:9222 D 23 rd Edition (Page: 9-89)	1600
52.	Fecal Streptococci	MPN/ 100 ml	IS:1622-1981 (R.A.-1996)	200

Statement of conformity:-

Remarks:

BDL: Below Detection Limit, MDL: Minimum Detection Limit

Mrs. Khushbu S. Gajjar
Technical Manager

Mr. Swastik R. Gajjar
Lab Manager(Q)

* End of Report *

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REPORT NUMBER: **EI/WW/0821/037**

DATE OF REPORT: **02-09-2021**

F/7.8/01/Issue No.01/Issue Date: 01-10-2018/ Amend No.:00 / Amend Date:-- / Page 2 of 2

TEST REPORT

REPORT NUMBER: EI/WW/0821/038**DATE OF REPORT: 02-09-2021****CLIENT NAME : POLLUTION CONTROL COMMITTEE,****Dadra and Nagar Haveli and Daman and Diu****ADDRESS : 1st Floor, Udyog Bhavan, Bhenslore, Daman- 396220,INDIA****SAMPLE DETAILS.**

Laboratory ID	: EI/WW/0821/038	Date of Sampling	: 28-08-2021
Sample Type	: Surface Water	Date of Sample Receipt	: 28-08-2021
Type of Sampling	: Grab	Sample Condition	: Good
Place of Sampling	: At N.H.No.8,Vapi (Kolak River)	Quantity of Sample Received	: 5 Liter
Description (GPS)	: N 20°25'24.2", E72°54'57.28"	Analysis Start Date	: 28-08-2021
Sampling Protocol / Standard	: IS3025 (Part 1):1987(R.A.2003)	Analysis End Date	: 02-09-2021
Sampling Conducted By	: Nimesh	Duration of Sampling	: -

Sl. No	PARAMETER	UNIT	TEST METHOD	RESULTS
1.	Temperature	°C	APHA:2550 B 23 rd Edition (Page: 2-74)	27.6
2.	pH @ 25°C	pH	APHA:4500 H ⁺ B 23 rd Edition (Page: 4-13)	7.11
3.	Conductivity	µs/cm	IS:3025 (Part-14)	284
4.	Dissolve Oxygen	mg/L	IS:3025 (Part-38)	5.25
5.	Biological Oxygen Demand	mg/L	IS:3025 (Part-44)(3 Days at 27°C)	0.7
6.	Nitrate as N	mg/L	IS:3025 (Part-44)	BDL(MDL:2.0)
7.	Ammonia as N	mg/L	APHA:4500 NH ₃ -B-C 23 rd Edition (Page: 4-114)	BDL(MDL:2.0)
8.	Chemical Oxygen Demand	mg/L	APHA:5220 B 23 rd Edition (Page: 5-18)	16.8
9.	Total Kjeldahl Nitrogen	mg/L	IS:3025 (Part-34)	BDL(MDL:2.0)
10.	Total Dissolve Solids	mg/L	APHA:2540 C 23 rd Edition (Page: 2-69)	186
11.	Total Fixed Solids	mg/L	IS:3025 (Part-18)	109
12.	Total Suspended Solids	mg/L	APHA:2540 B 23 rd Edition (Page: 2-70)	8
13.	Turbidity	NTU	IS:3025 (Part-10)	1
14.	Hardness	mg/L	IS:3025 (Part-21)	124
15.	Fluoride	mg/L	IS:3025 (Part-60)	BDL(MDL:0.1)
16.	Boron	mg/L	IS:3025 (Part-57)	ND
17.	Chloride	mg/L	APHA:4500 Cl ⁻ B 23 rd Edition (Page: 4-75)	14.7
18.	Sulphate	mg/L	IS:3025 (Part-28)	8.5
19.	Total Alkalinity	mg/L	IS:3025 (Part-23)	83
20.	P-Alkalinity	mg/L	IS:3025 (Part-23)	BDL(MDL:4.0)
21.	Phosphate	mg/L	IS:3550 -1965	0.32
22.	Sodium	mg/L	IS:3025 (Part-45)	10.3
23.	Potassium	mg/L	IS:3025 (Part-45)	BDL(MDL:1.0)
24.	Calcium	mg/L	IS:3025 (Part-40)	33.42
25.	Magnesium	mg/L	IS:3025 (Part-46)	8.89

26.	Arsenic	mg/L	IS:3025 (Part-37)	BDL(MDL:0.01)
27.	Nickel	mg/L	IS:3025 (Part-54)	BDL(MDL:0.02)
28.	Copper	mg/L	IS:3025 (Part-42)	BDL(MDL:0.05)
29.	Mercury	mg/L	IS:3025 (Part-48)	BDL(MDL:0.001)
30.	Chromium	mg/L	IS:3025 (Part-52)	BDL(MDL:0.05)
31.	Cadmium	mg/L	IS:3025 (Part-41)	BDL(MDL:0.003)
32.	Zinc	mg/L	IS:3025 (Part-49)	BDL(MDL:0.05)
33.	Lead	mg/L	IS:3025 (Part-47)	BDL(MDL:0.01)
34.	Iron	mg/L	IS:3025 (Part-53)	0.198
35.	Alpha BHC	ppb	USEPA 8081 A	BDL(MDL:0.01)
36.	Beta BHC	ppb	USEPA 8081 A	BDL(MDL:0.04)
37.	Gama BHC	ppb	USEPA 8081 A	BDL(MDL:2.0)
38.	OP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
39.	PP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
40.	Alpha Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
41.	Beta Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
42.	Dieldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
43.	2-4 D	ppb	USEPA 1699-2007	BDL(MDL:30.0)
44.	Aldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
45.	Chloropyriphos	ppb	USEPA 1699-2007	BDL(MDL:30.0)
46.	Carboryl (Carbamate)	ppb	USEPA 1699-2007	BDL(MDL:0.01)
47.	Methyl Parathin	ppb	USEPA 1699-2007	BDL(MDL:0.3)
48.	Anilophos	ppb	USEPA 1699-2007	BDL(MDL:0.01)
49.	Malathian	ppb	USEPA 8081 B	BDL(MDL:190.0)
50.	Total Coliform	MPN/ 100 ml	APHA:9221 B 23 rd Edition (Page: 9-69)	280
51.	Fecal Coliform	MPN/ 100 ml	APHA:9222 D 23 rd Edition (Page: 9-89)	126
52.	Fecal Streptococci	MPN/ 100 ml	IS:1622-1981 (R.A.-1996)	36

Statement of conformity:-

Remarks:

BDL: Below Detection Limit, MDL: Minimum Detection Limit

Mrs. Khushbu S. Gajjar
Technical Manager

Mr. Swastik R. Gajjar
Lab Manager(Q)

* End of Report *

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REPORT NUMBER: **EI/WW/0821/038**

DATE OF REPORT: **02-09-2021**

F/7.8/01/Issue No.01/Issue Date: 01-10-2018/ Amend No.:00 / Amend Date:-- / Page 2 of 2

TEST REPORT

REPORT NUMBER:EI/WW/0921/023**DATE OF REPORT: 04-10-2021****CLIENT NAME : POLLUTION CONTROL COMMITTEE,****Dadra and Nagar Haveli and Daman and Diu****ADDRESS : 1st Floor, Udyog Bhavan, Bhenslore, Daman- 396220,INDIA****SAMPLE DETAILS.**

Laboratory ID : EI/WW/0921/023	Date of Sampling : 27-09-2021
Sample Type : Surface Water	Date of Sample Receipt : 27-09-2021
Type of Sampling : Grab	Sample Condition : Good
Place of Sampling : D/s of Madhuban Dam	Quantity of Sample Received : 5 Liter
Description (GPS) : N 20°12'57", E 73°2'29"	Analysis Start Date : 27-09-2021
Sampling Protocol / Standard : IS3025 (Part 1):1987(R.A.2003)	Analysis End Date : 04-10-2021
Sampling Conducted By : SRG	Duration of Sampling : -

Sl. No	PARAMETER	UNIT	TEST METHOD	RESULTS
1.	Temperature	°C	APHA:2550 B 23 rd Edition (Page: 2-74)	27.9
2.	pH @ 25°C	pH	APHA:4500 H ⁺ B 23 rd Edition (Page: 4-13)	8.5
3.	Conductivity	µs/cm	IS:3025 (Part-14)	196
4.	Dissolve Oxygen	mg/L	IS:3025 (Part-38)	7.7
5.	Biological Oxygen Demand	mg/L	IS:3025 (Part-44)(3 Days at 27°C)	BDL(MDL:1.0)
6.	Nitrate as N	mg/L	IS:3025 (Part-44)	BDL(MDL:0.1)
7.	Ammonia as N	mg/L	APHA:4500 NH ₃ -B-C 23 rd Edition (Page: 4-114)	BDL(MDL:2.0)
8.	Chemical Oxygen Demand	mg/L	APHA:5220 B 23 rd Edition (Page: 5-18)	BDL(MDL:2.0)
9.	Total Kjeldahl Nitrogen	mg/L	IS:3025 (Part-34)	BDL(MDL:2.0)
10.	Total Dissolve Solids	mg/L	APHA:2540 C 23 rd Edition (Page: 2-69)	125
11.	Total Fixed Solids	mg/L	IS:3025 (Part-18)	93
12.	Total Suspended Solids	mg/L	APHA:2540 B 23 rd Edition (Page: 2-70)	BDL(MDL:4.0)
13.	Turbidity	NTU	IS:3025 (Part-10)	1
14.	Hardness	mg/L	IS:3025 (Part-21)	84
15.	Fluoride	mg/L	IS:3025 (Part-60)	BDL(MDL:0.1)
16.	Boron	mg/L	IS:3025 (Part-57)	ND
17.	Chloride	mg/L	APHA:4500 Cl ⁻ B 23 rd Edition (Page: 4-75)	4.99
18.	Sulphate	mg/L	IS:3025 (Part-28)	4.3
19.	Total Alkalinity	mg/L	IS:3025 (Part-23)	47
20.	P-Alkalinity	mg/L	IS:3025 (Part-23)	BDL(MDL:4.0)
21.	Phosphate	mg/L	IS:3550 -1965	BDL(MDL:0.1)
22.	Sodium	mg/L	IS:3025 (Part-45)	14.2
23.	Potassium	mg/L	IS:3025 (Part-45)	BDL(MDL:1.0)
24.	Calcium	mg/L	IS:3025 (Part-40)	26.121
25.	Magnesium	mg/L	IS:3025 (Part-46)	6.4
26.	Arsenic	mg/L	IS:3025 (Part-37)	BDL(MDL:0.01)

27.	Nickel	mg/L	IS:3025 (Part-54)	BDL(MDL:0.02)
28.	Copper	mg/L	IS:3025 (Part-42)	BDL(MDL:0.05)
29.	Mercury	mg/L	IS:3025 (Part-48)	BDL(MDL:0.001)
30.	Chromium	mg/L	IS:3025 (Part-52)	BDL(MDL:0.05)
31.	Cadmium	mg/L	IS:3025 (Part-41)	BDL(MDL:0.003)
32.	Zinc	mg/L	IS:3025 (Part-49)	BDL(MDL:0.05)
33.	Lead	mg/L	IS:3025 (Part-47)	BDL(MDL:0.01)
34.	Iron	mg/L	IS:3025 (Part-53)	BDL(MDL:0.01)
35.	Alpha BHC	ppb	USEPA 8081 A	BDL(MDL:0.01)
36.	Beta BHC	ppb	USEPA 8081 A	BDL(MDL:0.04)
37.	Gama BHC	ppb	USEPA 8081 A	BDL(MDL:2.0)
38.	OP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
39.	PP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
40.	Alpha Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
41.	Beta Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
42.	Dieldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
43.	2-4 D	ppb	USEPA 1699-2007	BDL(MDL:30.0)
44.	Aldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
45.	Chloropyriphos	ppb	USEPA 1699-2007	BDL(MDL:30.0)
46.	Carboryl (Carbamate)	ppb	USEPA 1699-2007	BDL(MDL:0.01)
47.	Methyl Parathin	ppb	USEPA 1699-2007	BDL(MDL:0.3)
48.	Anilophos	ppb	USEPA 1699-2007	BDL(MDL:0.01)
49.	Malathian	ppb	USEPA 8081 B	BDL(MDL:190.0)
50.	Total Coliform	MPN/ 100 ml	APHA:9221 B 23 rd Edition (Page: 9-69)	38
51.	Fecal Coliform	MPN/ 100 ml	APHA:9222 D 23 rd Edition (Page: 9-89)	7
52.	Fecal Streptococci	MPN/ 100 ml	IS:1622-1981 (R.A.-1996)	4

Statement of conformity:-

Remarks:

BDL: Below Detection Limit, MDL: Minimum Detection Limit

Mrs. Khushbu S. Gajjar
Technical Manager

Mr. Swastik R. Gajjar
Lab Manager(Q)

* End of Report *

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REPORT NUMBER: **EI/WW/0921/023**

DATE OF REPORT: **04-10-2021**

F/7.8/01/Issue No.01/Issue Date: 01-10-2018/ Amend No.:00 / Amend Date:-- / Page 2 of 2

TEST REPORT

REPORT NUMBER: EI/WW/0921/024**DATE OF REPORT: 04-10-2021****CLIENT NAME : POLLUTION CONTROL COMMITTEE,****Dadra and Nagar Haveli and Daman and Diu****ADDRESS : 1st Floor, Udyog Bhavan, Bhenslore, Daman- 396220,INDIA****SAMPLE DETAILS.**

Laboratory ID	: EI/WW/0921/024	Date of Sampling	: 27-09-2021
Sample Type	: Surface Water	Date of Sample Receipt	: 27-09-2021
Type of Sampling	: Grab	Sample Condition	: Good
Place of Sampling	: D/s of Naroli Bridge,Silvassa,DNH	Quantity of Sample Received	: 5 Liter
Description (GPS)	: N 20°16'7", E 72°59'21"	Analysis Start Date	: 27-09-2021
Sampling Protocol / Standard	: IS3025 (Part 1):1987(R.A.2003)	Analysis End Date	: 04-10-2021
Sampling Conducted By	: SRG	Duration of Sampling	: -

Sl. No	PARAMETER	UNIT	TEST METHOD	RESULTS
1.	Temperature	°C	APHA:2550 B 23 rd Edition (Page: 2-74)	27.4
2.	pH @ 25°C	pH	APHA:4500 H ⁺ B 23 rd Edition (Page: 4-13)	8.0
3.	Conductivity	µs/cm	IS:3025 (Part-14)	199
4.	Dissolve Oxygen	mg/L	IS:3025 (Part-38)	7.2
5.	Biological Oxygen Demand	mg/L	IS:3025 (Part-44)(3 Days at 27°C)	BDL(MDL:1.0)
6.	Nitrate as N	mg/L	IS:3025 (Part-44)	0.2
7.	Ammonia as N	mg/L	APHA:4500 NH ₃ -B-C 23 rd Edition (Page: 4-114)	BDL(MDL:2.0)
8.	Chemical Oxygen Demand	mg/L	APHA:5220 B 23 rd Edition (Page: 5-18)	BDL(MDL:2.0)
9.	Total Kjeldahl Nitrogen	mg/L	IS:3025 (Part-34)	BDL(MDL:2.0)
10.	Total Dissolve Solids	mg/L	APHA:2540 C 23 rd Edition (Page: 2-69)	131
11.	Total Fixed Solids	mg/L	IS:3025 (Part-18)	96
12.	Total Suspended Solids	mg/L	APHA:2540 B 23 rd Edition (Page: 2-70)	12
13.	Turbidity	NTU	IS:3025 (Part-10)	0.1
14.	Hardness	mg/L	IS:3025 (Part-21)	78
15.	Fluoride	mg/L	IS:3025 (Part-60)	BDL(MDL:0.1)
16.	Boron	mg/L	IS:3025 (Part-57)	ND
17.	Chloride	mg/L	APHA:4500 Cl ⁻ B 23 rd Edition (Page: 4-75)	7.4
18.	Sulphate	mg/L	IS:3025 (Part-28)	4.9
19.	Total Alkalinity	mg/L	IS:3025 (Part-23)	51
20.	P-Alkalinity	mg/L	IS:3025 (Part-23)	BDL(MDL:4.0)
21.	Phosphate	mg/L	IS:3550 -1965	BDL(MDL:0.1)
22.	Sodium	mg/L	IS:3025 (Part-45)	18.6
23.	Potassium	mg/L	IS:3025 (Part-45)	BDL(MDL:1.0)
24.	Calcium	mg/L	IS:3025 (Part-40)	24.2
25.	Magnesium	mg/L	IS:3025 (Part-46)	5.3

26.	Arsenic	mg/L	IS:3025 (Part-37)	BDL(MDL:0.01)
27.	Nickel	mg/L	IS:3025 (Part-54)	BDL(MDL:0.02)
28.	Copper	mg/L	IS:3025 (Part-42)	BDL(MDL:0.05)
29.	Mercury	mg/L	IS:3025 (Part-48)	BDL(MDL:0.001)
30.	Chromium	mg/L	IS:3025 (Part-52)	BDL(MDL:0.05)
31.	Cadmium	mg/L	IS:3025 (Part-41)	BDL(MDL:0.003)
32.	Zinc	mg/L	IS:3025 (Part-49)	0.53
33.	Lead	mg/L	IS:3025 (Part-47)	BDL(MDL:0.01)
34.	Iron	mg/L	IS:3025 (Part-53)	BDL(MDL:0.01)
35.	Alpha BHC	ppb	USEPA 8081 A	BDL(MDL:0.01)
36.	Beta BHC	ppb	USEPA 8081 A	BDL(MDL:0.04)
37.	Gama BHC	ppb	USEPA 8081 A	BDL(MDL:2.0)
38.	OP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
39.	PP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
40.	Alpha Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
41.	Beta Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
42.	Dieldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
43.	2-4 D	ppb	USEPA 1699-2007	BDL(MDL:30.0)
44.	Aldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
45.	Chloropyriphos	ppb	USEPA 1699-2007	BDL(MDL:30.0)
46.	Carboryl (Carbamate)	ppb	USEPA 1699-2007	BDL(MDL:0.01)
47.	Methyl Parathin	ppb	USEPA 1699-2007	BDL(MDL:0.3)
48.	Anilophos	ppb	USEPA 1699-2007	BDL(MDL:0.01)
49.	Malathian	ppb	USEPA 8081 B	BDL(MDL:190.0)
50.	Total Coliform	MPN/ 100 ml	APHA:9221 B 23 rd Edition (Page: 9-69)	33
51.	Fecal Coliform	MPN/ 100 ml	APHA:9222 D 23 rd Edition (Page: 9-89)	17
52.	Fecal Streptococci	MPN/ 100 ml	IS:1622-1981 (R.A.-1996)	3

Statement of conformity:-

Remarks:

BDL: Below Detection Limit, MDL: Minimum Detection Limit

Mrs. Khushbu S. Gajjar
Technical Manager

Mr. Swastik R. Gajjar
Lab Manager(Q)

* End of Report *

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REPORT NUMBER: **EI/WW/0921/024**

DATE OF REPORT: **04-10-2021**

F/7.8/01/Issue No.01/Issue Date: 01-10-2018/ Amend No.:00 / Amend Date:-- / Page 2 of 2

TEST REPORT

REPORT NUMBER:EI/WW/0921/025**DATE OF REPORT: 04-10-2021****CLIENT NAME : POLLUTION CONTROL COMMITTEE,****Dadra and Nagar Haveli and Daman and Diu****ADDRESS : 1st Floor, Udyog Bhavan, Bhenslore, Daman- 396220,INDIA****SAMPLE DETAILS.**

Laboratory ID : EI/WW/0921/025	Date of Sampling : 27-09-2021
Sample Type : Surface Water	Date of Sample Receipt : 27-09-2021
Type of Sampling : Grab	Sample Condition : Good
Place of Sampling : At Lawacha Temple	Quantity of Sample Received : 5 Liter
Description (GPS) : N 20°18'33.2", E 72°57'35.9"	Analysis Start Date : 27-09-2021
Sampling Protocol / Standard : IS3025 (Part 1):1987(R.A.2003)	Analysis End Date : 04-10-2021
Sampling Conducted By : SRG	Duration of Sampling : -

Sl. No	PARAMETER	UNIT	TEST METHOD	RESULTS
1.	Temperature	°C	APHA:2550 B 23 rd Edition (Page: 2-74)	27.1
2.	pH @ 25°C	pH	APHA:4500 H ⁺ B 23 rd Edition (Page: 4-13)	8.03
3.	Conductivity	µs/cm	IS:3025 (Part-14)	215
4.	Dissolve Oxygen	mg/L	IS:3025 (Part-38)	7.1
5.	Biological Oxygen Demand	mg/L	IS:3025 (Part-44)(3 Days at 27°C)	BDL(MDL:1.0)
6.	Nitrate as N	mg/L	IS:3025 (Part-44)	BDL(MDL:0.1)
7.	Ammonia as N	mg/L	APHA:4500 NH ₃ -B-C 23 rd Edition (Page: 4-114)	BDL(MDL:2.0)
8.	Chemical Oxygen Demand	mg/L	APHA:5220 B 23 rd Edition (Page: 5-18)	BDL(MDL:2.0)
9.	Total Kjeldahl Nitrogen	mg/L	IS:3025 (Part-34)	BDL(MDL:2.0)
10.	Total Dissolve Solids	mg/L	APHA:2540 C 23 rd Edition (Page: 2-69)	120
11.	Total Fixed Solids	mg/L	IS:3025 (Part-18)	107
12.	Total Suspended Solids	mg/L	APHA:2540 B 23 rd Edition (Page: 2-70)	14
13.	Turbidity	NTU	IS:3025 (Part-10)	0.1
14.	Hardness	mg/L	IS:3025 (Part-21)	110
15.	Fluoride	mg/L	IS:3025 (Part-60)	0.25
16.	Boron	mg/L	IS:3025 (Part-57)	ND
17.	Chloride	mg/L	APHA:4500 Cl ⁻ B 23 rd Edition (Page: 4-75)	10.3
18.	Sulphate	mg/L	IS:3025 (Part-28)	8.1
19.	Total Alkalinity	mg/L	IS:3025 (Part-23)	55
20.	P-Alkalinity	mg/L	IS:3025 (Part-23)	BDL(MDL:4.0)
21.	Phosphate	mg/L	IS:3550 -1965	0.15
22.	Sodium	mg/L	IS:3025 (Part-45)	20.2
23.	Potassium	mg/L	IS:3025 (Part-45)	BDL(MDL:1.0)
24.	Calcium	mg/L	IS:3025 (Part-40)	34.07
25.	Magnesium	mg/L	IS:3025 (Part-46)	4.9
26.	Arsenic	mg/L	IS:3025 (Part-37)	BDL(MDL:0.01)

27.	Nickel	mg/L	IS:3025 (Part-54)	BDL(MDL:0.02)
28.	Copper	mg/L	IS:3025 (Part-42)	BDL(MDL:0.05)
29.	Mercury	mg/L	IS:3025 (Part-48)	BDL(MDL:0.001)
30.	Chromium	mg/L	IS:3025 (Part-52)	BDL(MDL:0.05)
31.	Cadmium	mg/L	IS:3025 (Part-41)	BDL(MDL:0.003)
32.	Zinc	mg/L	IS:3025 (Part-49)	BDL(MDL:0.05)
33.	Lead	mg/L	IS:3025 (Part-47)	BDL(MDL:0.01)
34.	Iron	mg/L	IS:3025 (Part-53)	BDL(MDL:0.01)
35.	Alpha BHC	ppb	USEPA 8081 A	BDL(MDL:0.01)
36.	Beta BHC	ppb	USEPA 8081 A	BDL(MDL:0.04)
37.	Gama BHC	ppb	USEPA 8081 A	BDL(MDL:2.0)
38.	OP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
39.	PP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
40.	Alpha Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
41.	Beta Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
42.	Dieldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
43.	2-4 D	ppb	USEPA 1699-2007	BDL(MDL:30.0)
44.	Aldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
45.	Chloropyriphos	ppb	USEPA 1699-2007	BDL(MDL:30.0)
46.	Carboryl (Carbamate)	ppb	USEPA 1699-2007	BDL(MDL:0.01)
47.	Methyl Parathin	ppb	USEPA 1699-2007	BDL(MDL:0.3)
48.	Anilophos	ppb	USEPA 1699-2007	BDL(MDL:0.01)
49.	Malathian	ppb	USEPA 8081 B	BDL(MDL:190.0)
50.	Total Coliform	MPN/ 100 ml	APHA:9221 B 23 rd Edition (Page: 9-69)	84
51.	Fecal Coliform	MPN/ 100 ml	APHA:9222 D 23 rd Edition (Page: 9-89)	41
52.	Fecal Streptococci	MPN/ 100 ml	IS:1622-1981 (R.A.-1996)	11

Statement of conformity:-

Remarks:

BDL: Below Detection Limit, MDL: Minimum Detection Limit

Mrs. Khushbu S. Gajjar
Technical Manager

Mr. Swastik R. Gajjar
Lab Manager(Q)

* End of Report *

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REPORT NUMBER: **EI/WW/0921/025**

DATE OF REPORT: **04-10-2021**

F/7.8/01/Issue No.01/Issue Date: 01-10-2018/ Amend No.:00 / Amend Date:-- / Page 2 of 2

TEST REPORT

REPORT NUMBER:EI/WW/0921/026**DATE OF REPORT: 04-10-2021****CLIENT NAME : POLLUTION CONTROL COMMITTEE,****Dadra and Nagar Haveli and Daman and Diu****ADDRESS : 1st Floor, Udyog Bhavan, Bhenslore, Daman- 396220,INDIA****SAMPLE DETAILS.**

Laboratory ID : EI/WW/0921/026	Date of Sampling : 27-09-2021
Sample Type : Surface Water	Date of Sample Receipt : 27-09-2021
Type of Sampling : Grab	Sample Condition : Good
Place of Sampling : Near Surat Beverages, Dadra,DNH	Quantity of Sample Received : 5 Liter
Description (GPS) : N 20°18'33.2568" E72°57'35.8122"	Analysis Start Date : 27-09-2021
Sampling Protocol / Standard : IS3025 (Part 1):1987(R.A.2003)	Analysis End Date : 04-10-2021
Sampling Conducted By : SRG	Duration of Sampling : -

Sl. No	PARAMETER	UNIT	TEST METHOD	RESULTS
1.	Temperature	°C	APHA:2550 B 23 rd Edition (Page: 2-74)	26.8
2.	pH @ 25°C	pH	APHA:4500 H ⁺ B 23 rd Edition (Page: 4-13)	8.3
3.	Conductivity	µs/cm	IS:3025 (Part-14)	224
4.	Dissolve Oxygen	mg/L	IS:3025 (Part-38)	6.6
5.	Biological Oxygen Demand	mg/L	IS:3025 (Part-44)(3 Days at 27°C)	BDL(MDL:1.0)
6.	Nitrate as N	mg/L	IS:3025 (Part-44)	0.4
7.	Ammonia as N	mg/L	APHA:4500 NH ₃ -B-C 23 rd Edition (Page: 4-114)	BDL(MDL:2.0)
8.	Chemical Oxygen Demand	mg/L	APHA:5220 B 23 rd Edition (Page: 5-18)	BDL(MDL:2.0)
9.	Total Kjeldahl Nitrogen	mg/L	IS:3025 (Part-34)	BDL(MDL:2.0)
10.	Total Dissolve Solids	mg/L	APHA:2540 C 23 rd Edition (Page: 2-69)	123
11.	Total Fixed Solids	mg/L	IS:3025 (Part-18)	111
12.	Total Suspended Solids	mg/L	APHA:2540 B 23 rd Edition (Page: 2-70)	8
13.	Turbidity	NTU	IS:3025 (Part-10)	2.4
14.	Hardness	mg/L	IS:3025 (Part-21)	93
15.	Fluoride	mg/L	IS:3025 (Part-60)	BDL(MDL:0.1)
16.	Boron	mg/L	IS:3025 (Part-57)	ND
17.	Chloride	mg/L	APHA:4500 Cl ⁻ B 23 rd Edition (Page: 4-75)	10.7
18.	Sulphate	mg/L	IS:3025 (Part-28)	8.5
19.	Total Alkalinity	mg/L	IS:3025 (Part-23)	60
20.	P-Alkalinity	mg/L	IS:3025 (Part-23)	BDL(MDL:4.0)
21.	Phosphate	mg/L	IS:3550 -1965	BDL(MDL:0.1)
22.	Sodium	mg/L	IS:3025 (Part-45)	17.3
23.	Potassium	mg/L	IS:3025 (Part-45)	BDL(MDL:1.0)
24.	Calcium	mg/L	IS:3025 (Part-40)	23.02

25.	Magnesium	mg/L	IS:3025 (Part-46)	9.8
26.	Arsenic	mg/L	IS:3025 (Part-37)	BDL(MDL:0.01)
27.	Nickel	mg/L	IS:3025 (Part-54)	BDL(MDL:0.02)
28.	Copper	mg/L	IS:3025 (Part-42)	BDL(MDL:0.05)
29.	Mercury	mg/L	IS:3025 (Part-48)	BDL(MDL:0.001)
30.	Chromium	mg/L	IS:3025 (Part-52)	BDL(MDL:0.05)
31.	Cadmium	mg/L	IS:3025 (Part-41)	BDL(MDL:0.003)
32.	Zinc	mg/L	IS:3025 (Part-49)	BDL(MDL:0.05)
33.	Lead	mg/L	IS:3025 (Part-47)	BDL(MDL:0.01)
34.	Iron	mg/L	IS:3025 (Part-53)	BDL(MDL:0.01)
35.	Alpha BHC	ppb	USEPA 8081 A	BDL(MDL:0.01)
36.	Beta BHC	ppb	USEPA 8081 A	BDL(MDL:0.04)
37.	Gama BHC	ppb	USEPA 8081 A	BDL(MDL:2.0)
38.	OP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
39.	PP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
40.	Alpha Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
41.	Beta Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
42.	Dieldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
43.	2-4 D	ppb	USEPA 1699-2007	BDL(MDL:30.0)
44.	Aldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
45.	Chloropyriphos	ppb	USEPA 1699-2007	BDL(MDL:30.0)
46.	Carboryl (Carbamate)	ppb	USEPA 1699-2007	BDL(MDL:0.01)
47.	Methyl Parathin	ppb	USEPA 1699-2007	BDL(MDL:0.3)
48.	Anilophos	ppb	USEPA 1699-2007	BDL(MDL:0.01)
49.	Malathian	ppb	USEPA 8081 B	BDL(MDL:190.0)
50.	Total Coliform	MPN/ 100 ml	APHA:9221 B 23 rd Edition (Page: 9-69)	14
51.	Fecal Coliform	MPN/ 100 ml	APHA:9222 D 23 rd Edition (Page: 9-89)	6
52.	Fecal Streptococci	MPN/ 100 ml	IS:1622-1981 (R.A.-1996)	9

Statement of conformity:-

Remarks:

BDL: Below Detection Limit, MDL: Minimum Detection Limit

Mrs. Khushbu S. Gajjar
Technical Manager

Mr. Swastik R. Gajjar
Lab Manager(Q)

* End of Report *

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REPORT NUMBER: **EI/WW/0921/026**

DATE OF REPORT: **04-10-2021**

F/7.8/01/Issue No.01/Issue Date: 01-10-2018/ Amend No.:00 / Amend Date:-- / Page 2 of 2

TEST REPORT

REPORT NUMBER:EI/WW/0921/027**DATE OF REPORT: 04-10-2021****CLIENT NAME : POLLUTION CONTROL COMMITTEE,****Dadra and Nagar Haveli and Daman and Diu****ADDRESS : 1st Floor, Udyog Bhavan, Bhenslore, Daman- 396220,INDIA****SAMPLE DETAILS.**

Laboratory ID	: EI/WW/0921/027	Date of Sampling	: 27-09-2021
Sample Type	: Surface Water	Date of Sample Receipt	: 27-09-2021
Type of Sampling	: Grab	Sample Condition	: Good
Place of Sampling	: At Vapi Weir, Vapi	Quantity of Sample Received	: 5 Liter
Description (GPS)	: N 20°20'23.42", E 72°54'34.49"	Analysis Start Date	: 27-09-2021
Sampling Protocol / Standard	: IS3025 (Part 1):1987(R.A.2003)	Analysis End Date	: 04-10-2021
Sampling Conducted By	: SRG	Duration of Sampling	: -

Sl. No	PARAMETER	UNIT	TEST METHOD	RESULTS
1.	Temperature	°C	APHA:2550 B 23 rd Edition (Page: 2-74)	28.1
2.	pH @ 25°C	pH	APHA:4500 H ⁺ B 23 rd Edition (Page: 4-13)	8.1
3.	Conductivity	µs/cm	IS:3025 (Part-14)	186
4.	Dissolve Oxygen	mg/L	IS:3025 (Part-38)	5.1
5.	Biological Oxygen Demand	mg/L	IS:3025 (Part-44)(3 Days at 27°C)	12.4
6.	Nitrate as N	mg/L	IS:3025 (Part-44)	3.3
7.	Ammonia as N	mg/L	APHA:4500 NH ₃ -B-C 23 rd Edition (Page: 4-114)	BDL(MDL:2.0)
8.	Chemical Oxygen Demand	mg/L	APHA:5220 B 23 rd Edition (Page: 5-18)	48
9.	Total Kjeldahl Nitrogen	mg/L	IS:3025 (Part-34)	BDL(MDL:2.0)
10.	Total Dissolve Solids	mg/L	APHA:2540 C 23 rd Edition (Page: 2-69)	126
11.	Total Fixed Solids	mg/L	IS:3025 (Part-18)	116
12.	Total Suspended Solids	mg/L	APHA:2540 B 23 rd Edition (Page: 2-70)	13
13.	Turbidity	NTU	IS:3025 (Part-10)	1
14.	Hardness	mg/L	IS:3025 (Part-21)	100
15.	Fluoride	mg/L	IS:3025 (Part-60)	BDL(MDL:0.1)
16.	Boron	mg/L	IS:3025 (Part-57)	ND
17.	Chloride	mg/L	APHA:4500 Cl ⁻ B 23 rd Edition (Page: 4-75)	16.4
18.	Sulphate	mg/L	IS:3025 (Part-28)	69.2
19.	Total Alkalinity	mg/L	IS:3025 (Part-23)	71
20.	P-Alkalinity	mg/L	IS:3025 (Part-23)	BDL(MDL:4.0)
21.	Phosphate	mg/L	IS:3550 -1965	0.19
22.	Sodium	mg/L	IS:3025 (Part-45)	20.1
23.	Potassium	mg/L	IS:3025 (Part-45)	1.6
24.	Calcium	mg/L	IS:3025 (Part-40)	28.9
25.	Magnesium	mg/L	IS:3025 (Part-46)	7.3
26.	Arsenic	mg/L	IS:3025 (Part-37)	BDL(MDL:0.01)

27.	Nickel	mg/L	IS:3025 (Part-54)	BDL(MDL:0.02)
28.	Copper	mg/L	IS:3025 (Part-42)	BDL(MDL:0.05)
29.	Mercury	mg/L	IS:3025 (Part-48)	BDL(MDL:0.001)
30.	Chromium	mg/L	IS:3025 (Part-52)	BDL(MDL:0.05)
31.	Cadmium	mg/L	IS:3025 (Part-41)	BDL(MDL:0.003)
32.	Zinc	mg/L	IS:3025 (Part-49)	BDL(MDL:0.05)
33.	Lead	mg/L	IS:3025 (Part-47)	BDL(MDL:0.01)
34.	Iron	mg/L	IS:3025 (Part-53)	0.101
35.	Alpha BHC	ppb	USEPA 8081 A	BDL(MDL:0.01)
36.	Beta BHC	ppb	USEPA 8081 A	BDL(MDL:0.04)
37.	Gama BHC	ppb	USEPA 8081 A	BDL(MDL:2.0)
38.	OP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
39.	PP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
40.	Alpha Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
41.	Beta Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
42.	Dieldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
43.	2-4 D	ppb	USEPA 1699-2007	BDL(MDL:30.0)
44.	Aldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
45.	Chloropyriphos	ppb	USEPA 1699-2007	BDL(MDL:30.0)
46.	Carboryl (Carbamate)	ppb	USEPA 1699-2007	BDL(MDL:0.01)
47.	Methyl Parathin	ppb	USEPA 1699-2007	BDL(MDL:0.3)
48.	Anilophos	ppb	USEPA 1699-2007	BDL(MDL:0.01)
49.	Malathian	ppb	USEPA 8081 B	BDL(MDL:190.0)
50.	Total Coliform	MPN/ 100 ml	APHA:9221 B 23 rd Edition (Page: 9-69)	269
51.	Fecal Coliform	MPN/ 100 ml	APHA:9222 D 23 rd Edition (Page: 9-89)	74
52.	Fecal Streptococci	MPN/ 100 ml	IS:1622-1981 (R.A.-1996)	35

Statement of conformity:-

Remarks:

BDL: Below Detection Limit, MDL: Minimum Detection Limit

Mrs. Khushbu S. Gajjar
Technical Manager

Mr. Swastik R. Gajjar
Lab Manager(Q)

* End of Report *

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REPORT NUMBER:EI/WW/0921/027

DATE OF REPORT: 04-10-2021

F/7.8/01/Issue No.01/Issue Date: 01-10-2018/ Amend No.:00 / Amend Date:-- / Page 2 of 2

TEST REPORT

REPORT NUMBER:EI/WW/0921/028**DATE OF REPORT: 04-10-2021****CLIENT NAME : POLLUTION CONTROL COMMITTEE,****Dadra and Nagar Haveli and Daman and Diu****ADDRESS : 1st Floor, Udyog Bhavan, Bhenslore, Daman- 396220,INDIA****SAMPLE DETAILS.**

Laboratory ID	: EI/WW/0921/028	Date of Sampling	: 27-09-2021
Sample Type	: Surface Water	Date of Sample Receipt	: 27-09-2021
Type of Sampling	: Grab	Sample Condition	: Good
Place of Sampling	: At Namdha Village	Quantity of Sample Received	: 5 Liter
Description (GPS)	: N 20°21'45.8", E 72°52'52.3"	Analysis Start Date	: 27-09-2021
Sampling Protocol / Standard	: IS3025 (Part 1):1987(R.A.2003)	Analysis End Date	: 04-10-2021
Sampling Conducted By	: SRG	Duration of Sampling	: -

Sl. No	PARAMETER	UNIT	TEST METHOD	RESULTS
1.	Temperature	°C	APHA:2550 B 23 rd Edition (Page: 2-74)	28.3
2.	pH @ 25°C	pH	APHA:4500 H ⁺ B 23 rd Edition (Page: 4-13)	7.8
3.	Conductivity	µs/cm	IS:3025 (Part-14)	439
4.	Dissolve Oxygen	mg/L	IS:3025 (Part-38)	4.8
5.	Biological Oxygen Demand	mg/L	IS:3025 (Part-44)(3 Days at 27°C)	12.25
6.	Nitrate as N	mg/L	IS:3025 (Part-44)	0.9
7.	Ammonia as N	mg/L	APHA:4500 NH ₃ -B-C 23 rd Edition (Page: 4-114)	2.6
8.	Chemical Oxygen Demand	mg/L	APHA:5220 B 23 rd Edition (Page: 5-18)	59
9.	Total Kjeldahl Nitrogen	mg/L	IS:3025 (Part-34)	15.8
10.	Total Dissolve Solids	mg/L	APHA:2540 C 23 rd Edition (Page: 2-69)	218
11.	Total Fixed Solids	mg/L	IS:3025 (Part-18)	109
12.	Total Suspended Solids	mg/L	APHA:2540 B 23 rd Edition (Page: 2-70)	21
13.	Turbidity	NTU	IS:3025 (Part-10)	0.9
14.	Hardness	mg/L	IS:3025 (Part-21)	127
15.	Fluoride	mg/L	IS:3025 (Part-60)	BDL(MDL:0.1)
16.	Boron	mg/L	IS:3025 (Part-57)	0.15
17.	Chloride	mg/L	APHA:4500 Cl ⁻ B 23 rd Edition (Page: 4-75)	130
18.	Sulphate	mg/L	IS:3025 (Part-28)	72.8
19.	Total Alkalinity	mg/L	IS:3025 (Part-23)	41
20.	P-Alkalinity	mg/L	IS:3025 (Part-23)	BDL(MDL:4.0)
21.	Phosphate	mg/L	IS:3550 -1965	01
22.	Sodium	mg/L	IS:3025 (Part-45)	117.6
23.	Potassium	mg/L	IS:3025 (Part-45)	6.0
24.	Calcium	mg/L	IS:3025 (Part-40)	32.09
25.	Magnesium	mg/L	IS:3025 (Part-46)	8.12
26.	Arsenic	mg/L	IS:3025 (Part-37)	BDL(MDL:0.01)

27.	Nickel	mg/L	IS:3025 (Part-54)	BDL(MDL:0.02)
28.	Copper	mg/L	IS:3025 (Part-42)	BDL(MDL:0.05)
29.	Mercury	mg/L	IS:3025 (Part-48)	BDL(MDL:0.001)
30.	Chromium	mg/L	IS:3025 (Part-52)	BDL(MDL:0.05)
31.	Cadmium	mg/L	IS:3025 (Part-41)	BDL(MDL:0.003)
32.	Zinc	mg/L	IS:3025 (Part-49)	BDL(MDL:0.05)
33.	Lead	mg/L	IS:3025 (Part-47)	BDL(MDL:0.01)
34.	Iron	mg/L	IS:3025 (Part-53)	0.693
35.	Alpha BHC	ppb	USEPA 8081 A	BDL(MDL:0.01)
36.	Beta BHC	ppb	USEPA 8081 A	BDL(MDL:0.04)
37.	Gama BHC	ppb	USEPA 8081 A	BDL(MDL:2.0)
38.	OP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
39.	PP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
40.	Alpha Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
41.	Beta Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
42.	Dieldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
43.	2-4 D	ppb	USEPA 1699-2007	BDL(MDL:30.0)
44.	Aldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
45.	Chloropyriphos	ppb	USEPA 1699-2007	BDL(MDL:30.0)
46.	Carboryl (Carbamate)	ppb	USEPA 1699-2007	BDL(MDL:0.01)
47.	Methyl Parathin	ppb	USEPA 1699-2007	BDL(MDL:0.3)
48.	Anilophos	ppb	USEPA 1699-2007	BDL(MDL:0.01)
49.	Malathian	ppb	USEPA 8081 B	BDL(MDL:190.0)
50.	Total Coliform	MPN/ 100 ml	APHA:9221 B 23 rd Edition (Page: 9-69)	543
51.	Fecal Coliform	MPN/ 100 ml	APHA:9222 D 23 rd Edition (Page: 9-89)	342
52.	Fecal Streptococci	MPN/ 100 ml	IS:1622-1981 (R.A.-1996)	41

Statement of conformity:-

Remarks:

BDL: Below Detection Limit, MDL: Minimum Detection Limit

Mrs. Khushbu S. Gajjar
Technical Manager

Mr. Swastik R. Gajjar
Lab Manager(Q)

* End of Report *

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REPORT NUMBER:EI/WW/0921/028

DATE OF REPORT:04-10-2021

F/7.8/01/Issue No.01/Issue Date: 01-10-2018/ Amend No.:00 / Amend Date:-- / Page 2 of 2

TEST REPORT

REPORT NUMBER:EI/WW/0921/029**DATE OF REPORT: 04-10-2021****CLIENT NAME : POLLUTION CONTROL COMMITTEE,****Dadra and Nagar Haveli and Daman and Diu****ADDRESS : 1st Floor, Udyog Bhavan, Bhenslore, Daman- 396220,INDIA****SAMPLE DETAILS.**

Laboratory ID	: EI/WW/0921/029	Date of Sampling	: 27-09-2021
Sample Type	: Surface Water	Date of Sample Receipt	: 27-09-2021
Type of Sampling	: Grab	Sample Condition	: Good
Place of Sampling	: At Zari Causeway,Kachigam	Quantity of Sample Received	: 5 Liter
Description (GPS)	: N 20°22'18.62", E 72°52'50.52"	Analysis Start Date	: 27-09-2021
Sampling Protocol / Standard	: IS3025 (Part 1):1987(R.A.2003)	Analysis End Date	: 04-10-2021
Sampling Conducted By	: SRG	Duration of Sampling	: -

Sl. No	PARAMETER	UNIT	TEST METHOD	RESULTS
1.	Temperature	°C	APHA:2550 B 23 rd Edition (Page: 2-74)	27.9
2.	pH @ 25°C	pH	APHA:4500 H ⁺ B 23 rd Edition (Page: 4-13)	8.2
3.	Conductivity	µs/cm	IS:3025 (Part-14)	3207
4.	Dissolve Oxygen	mg/L	IS:3025 (Part-38)	5.2
5.	Biological Oxygen Demand	mg/L	IS:3025 (Part-44)(3 Days at 27°C)	11.07
6.	Nitrate as N	mg/L	IS:3025 (Part-44)	0.4
7.	Ammonia as N	mg/L	APHA:4500 NH ₃ -B-C 23 rd Edition (Page: 4-114)	3.1
8.	Chemical Oxygen Demand	mg/L	APHA:5220 B 23 rd Edition (Page: 5-18)	36
9.	Total Kjeldahl Nitrogen	mg/L	IS:3025 (Part-34)	6.2
10.	Total Dissolve Solids	mg/L	APHA:2540 C 23 rd Edition (Page: 2-69)	2213
11.	Total Fixed Solids	mg/L	IS:3025 (Part-18)	1353
12.	Total Suspended Solids	mg/L	APHA:2540 B 23 rd Edition (Page: 2-70)	19
13.	Turbidity	NTU	IS:3025 (Part-10)	1.2
14.	Hardness	mg/L	IS:3025 (Part-21)	339
15.	Fluoride	mg/L	IS:3025 (Part-60)	BDL(MDL:0.1)
16.	Boron	mg/L	IS:3025 (Part-57)	0.18
17.	Chloride	mg/L	APHA:4500 Cl ⁻ B 23 rd Edition (Page: 4-75)	1327
18.	Sulphate	mg/L	IS:3025 (Part-28)	279
19.	Total Alkalinity	mg/L	IS:3025 (Part-23)	43
20.	P-Alkalinity	mg/L	IS:3025 (Part-23)	BDL(MDL:4.0)
21.	Phosphate	mg/L	IS:3550 -1965	2.9
22.	Sodium	mg/L	IS:3025 (Part-45)	743.1
23.	Potassium	mg/L	IS:3025 (Part-45)	27.8
24.	Calcium	mg/L	IS:3025 (Part-40)	37.90
25.	Magnesium	mg/L	IS:3025 (Part-46)	6.2
26.	Arsenic	mg/L	IS:3025 (Part-37)	BDL(MDL:0.01)

27.	Nickel	mg/L	IS:3025 (Part-54)	0.024
28.	Copper	mg/L	IS:3025 (Part-42)	BDL(MDL:0.05)
29.	Mercury	mg/L	IS:3025 (Part-48)	BDL(MDL:0.001)
30.	Chromium	mg/L	IS:3025 (Part-52)	BDL(MDL:0.05)
31.	Cadmium	mg/L	IS:3025 (Part-41)	BDL(MDL:0.003)
32.	Zinc	mg/L	IS:3025 (Part-49)	BDL(MDL:0.05)
33.	Lead	mg/L	IS:3025 (Part-47)	BDL(MDL:0.01)
34.	Iron	mg/L	IS:3025 (Part-53)	BDL(MDL:0.01)
35.	Alpha BHC	ppb	USEPA 8081 A	BDL(MDL:0.01)
36.	Beta BHC	ppb	USEPA 8081 A	BDL(MDL:0.04)
37.	Gama BHC	ppb	USEPA 8081 A	BDL(MDL:2.0)
38.	OP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
39.	PP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
40.	Alpha Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
41.	Beta Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
42.	Dieldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
43.	2-4 D	ppb	USEPA 1699-2007	BDL(MDL:30.0)
44.	Aldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
45.	Chloropyriphos	ppb	USEPA 1699-2007	BDL(MDL:30.0)
46.	Carboryl (Carbamate)	ppb	USEPA 1699-2007	BDL(MDL:0.01)
47.	Methyl Parathin	ppb	USEPA 1699-2007	BDL(MDL:0.3)
48.	Anilophos	ppb	USEPA 1699-2007	BDL(MDL:0.01)
49.	Malathian	ppb	USEPA 8081 B	BDL(MDL:190.0)
50.	Total Coliform	MPN/ 100 ml	APHA:9221 B 23 rd Edition (Page: 9-69)	847
51.	Fecal Coliform	MPN/ 100 ml	APHA:9222 D 23 rd Edition (Page: 9-89)	473
52.	Fecal Streptococci	MPN/ 100 ml	IS:1622-1981 (R.A.-1996)	123

Statement of conformity:-

Remarks:

BDL: Below Detection Limit, MDL: Minimum Detection Limit

Mrs. Khushbu S. Gajjar
Technical Manager

Mr. Swastik R. Gajjar
Lab Manager(Q)

* End of Report *

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REPORT NUMBER: **EI/WW/0921/029**

DATE OF REPORT: **04-10-2021**

F/7.8/01/Issue No.01/Issue Date: 01-10-2018/ Amend No.:00 / Amend Date:-- / Page 2 of 2

TEST REPORT

REPORT NUMBER:EI/WW/0921/030**DATE OF REPORT: 04-10-2021****CLIENT NAME : POLLUTION CONTROL COMMITTEE,****Dadra and Nagar Haveli and Daman and Diu****ADDRESS : 1st Floor, Udyog Bhavan, Bhenslore, Daman- 396220,INDIA****SAMPLE DETAILS.**

Laboratory ID	: EI/WW/0921/030	Date of Sampling	: 27-09-2021
Sample Type	: Surface Water	Date of Sample Receipt	: 27-09-2021
Type of Sampling	: Grab	Sample Condition	: Good
Place of Sampling	: At D/s of Discharge Point of Distillery	Quantity of Sample Received	: 5 Liter
Description (GPS)	: N 20°24'0.18", E 72°50'3.1884"	Analysis Start Date	: 27-09-2021
Sampling Protocol / Standard	: IS3025 (Part 1):1987(R.A.2003)	Analysis End Date	: 04-10-2021
Sampling Conducted By	: SRG	Duration of Sampling	: -

Sl. No	PARAMETER	UNIT	TEST METHOD	RESULTS
1.	Temperature	°C	APHA:2550 B 23 rd Edition (Page: 2-74)	27.2
2.	pH @ 25°C	pH	APHA:4500 H ⁺ B 23 rd Edition (Page: 4-13)	6.90
3.	Conductivity	µs/cm	IS:3025 (Part-14)	17850
4.	Dissolve Oxygen	mg/L	IS:3025 (Part-38)	5.2
5.	Biological Oxygen Demand	mg/L	IS:3025 (Part-44)(3 Days at 27°C)	4.9
6.	Nitrate as N	mg/L	IS:3025 (Part-44)	0.3
7.	Ammonia as N	mg/L	APHA:4500 NH ₃ -B-C 23 rd Edition (Page: 4-114)	5.7
8.	Chemical Oxygen Demand	mg/L	APHA:5220 B 23 rd Edition (Page: 5-18)	24.3
9.	Total Kjeldahl Nitrogen	mg/L	IS:3025 (Part-34)	7.3
10.	Total Dissolve Solids	mg/L	APHA:2540 C 23 rd Edition (Page: 2-69)	11109
11.	Total Fixed Solids	mg/L	IS:3025 (Part-18)	6574
12.	Total Suspended Solids	mg/L	APHA:2540 B 23 rd Edition (Page: 2-70)	39
13.	Turbidity	NTU	IS:3025 (Part-10)	1.7
14.	Hardness	mg/L	IS:3025 (Part-21)	2310
15.	Fluoride	mg/L	IS:3025 (Part-60)	0.87
16.	Boron	mg/L	IS:3025 (Part-57)	1.13
17.	Chloride	mg/L	APHA:4500 Cl ⁻ B 23 rd Edition (Page: 4-75)	7610.11
18.	Sulphate	mg/L	IS:3025 (Part-28)	1225.09
19.	Total Alkalinity	mg/L	IS:3025 (Part-23)	147
20.	P-Alkalinity	mg/L	IS:3025 (Part-23)	BDL(MDL:4.0)
21.	Phosphate	mg/L	IS:3550 -1965	0.2
22.	Sodium	mg/L	IS:3025 (Part-45)	2695
23.	Potassium	mg/L	IS:3025 (Part-45)	116
24.	Calcium	mg/L	IS:3025 (Part-40)	165.9
25.	Magnesium	mg/L	IS:3025 (Part-46)	102.1

26.	Arsenic	mg/L	IS:3025 (Part-37)	BDL(MDL:0.01)
27.	Nickel	mg/L	IS:3025 (Part-54)	0.347
28.	Copper	mg/L	IS:3025 (Part-42)	BDL(MDL:0.05)
29.	Mercury	mg/L	IS:3025 (Part-48)	BDL(MDL:0.001)
30.	Chromium	mg/L	IS:3025 (Part-52)	0.071
31.	Cadmium	mg/L	IS:3025 (Part-41)	0.14
32.	Zinc	mg/L	IS:3025 (Part-49)	BDL(MDL:0.05)
33.	Lead	mg/L	IS:3025 (Part-47)	BDL(MDL:0.01)
34.	Iron	mg/L	IS:3025 (Part-53)	0.627
35.	Alpha BHC	ppb	USEPA 8081 A	BDL(MDL:0.01)
36.	Beta BHC	ppb	USEPA 8081 A	BDL(MDL:0.04)
37.	Gama BHC	ppb	USEPA 8081 A	BDL(MDL:2.0)
38.	OP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
39.	PP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
40.	Alpha Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
41.	Beta Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
42.	Dieldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
43.	2-4 D	ppb	USEPA 1699-2007	BDL(MDL:30.0)
44.	Aldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
45.	Chloropyriphos	ppb	USEPA 1699-2007	BDL(MDL:30.0)
46.	Carboryl (Carbamate)	ppb	USEPA 1699-2007	BDL(MDL:0.01)
47.	Methyl Parathin	ppb	USEPA 1699-2007	BDL(MDL:0.3)
48.	Anilophos	ppb	USEPA 1699-2007	BDL(MDL:0.01)
49.	Malathian	ppb	USEPA 8081 B	BDL(MDL:190.0)
50.	Total Coliform	MPN/ 100 ml	APHA:9221 B 23 rd Edition (Page: 9-69)	327
51.	Fecal Coliform	MPN/ 100 ml	APHA:9222 D 23 rd Edition (Page: 9-89)	36
52.	Fecal Streptococci	MPN/ 100 ml	IS:1622-1981 (R.A.-1996)	23

Statement of conformity:-

Remarks:

BDL: Below Detection Limit, MDL: Minimum Detection Limit

Mrs. Khushbu S. Gajjar
Technical Manager

Mr. Swastik R. Gajjar
Lab Manager(Q)

* End of Report *

- 1) The results relate only to the items tested.
- 2) This test report shall not be reproduced except in full, without approval of the laboratory can provide assurance that parts of a report are not taken out of context.

REPORT NUMBER: **EI/WW/0921/030**

DATE OF REPORT: **04-10-2021**

F/7.8/01/Issue No.01/Issue Date: 01-10-2018/ Amend No.:00 / Amend Date:-- / Page 2 of 2

TEST REPORT

REPORT NUMBER:EI/WW/0921/031**DATE OF REPORT: 04-10-2021****CLIENT NAME : POLLUTION CONTROL COMMITTEE,****Dadra and Nagar Haveli and Daman and Diu****ADDRESS : 1st Floor, Udyog Bhavan, Bhenslore, Daman- 396220,INDIA****SAMPLE DETAILS.**

Laboratory ID : EI/WW/0921/031	Date of Sampling : 27-09-2021
Sample Type : Surface Water	Date of Sample Receipt : 27-09-2021
Type of Sampling : Grab	Sample Condition : Good
Place of Sampling : At Moti Daman Jetty	Quantity of Sample Received : 5 Liter
Description (GPS) : N 20°24'40.18", E 72°50'3.19"	Analysis Start Date : 27-09-2021
Sampling Protocol / Standard : IS3025 (Part 1):1987(R.A.2003)	Analysis End Date : 04-10-2021
Sampling Conducted By : SRG	Duration of Sampling : -

Sl. No	PARAMETER	UNIT	TEST METHOD	RESULTS
1.	Temperature	°C	APHA:2550 B 23 rd Edition (Page: 2-74)	27.4
2.	pH @ 25°C	pH	APHA:4500 H ⁺ B 23 rd Edition (Page: 4-13)	8.33
3.	Conductivity	µs/cm	IS:3025 (Part-14)	23689
4.	Dissolve Oxygen	mg/L	IS:3025 (Part-38)	6.1
5.	Biological Oxygen Demand	mg/L	IS:3025 (Part-44)(3 Days at 27°C)	3.90
6.	Nitrate as N	mg/L	IS:3025 (Part-44)	0.5
7.	Ammonia as N	mg/L	APHA:4500 NH ₃ -B-C 23 rd Edition (Page: 4-114)	6.6
8.	Chemical Oxygen Demand	mg/L	APHA:5220 B 23 rd Edition (Page: 5-18)	11
9.	Total Kjeldahl Nitrogen	mg/L	IS:3025 (Part-34)	5.4
10.	Total Dissolve Solids	mg/L	APHA:2540 C 23 rd Edition (Page: 2-69)	13796
11.	Total Fixed Solids	mg/L	IS:3025 (Part-18)	9852
12.	Total Suspended Solids	mg/L	APHA:2540 B 23 rd Edition (Page: 2-70)	167
13.	Turbidity	NTU	IS:3025 (Part-10)	1
14.	Hardness	mg/L	IS:3025 (Part-21)	753
15.	Fluoride	mg/L	IS:3025 (Part-60)	BDL(MDL:0.1)
16.	Boron	mg/L	IS:3025 (Part-57)	0.24
17.	Chloride	mg/L	APHA:4500 Cl ⁻ B 23 rd Edition (Page: 4-75)	8629
18.	Sulphate	mg/L	IS:3025 (Part-28)	1232
19.	Total Alkalinity	mg/L	IS:3025 (Part-23)	68
20.	P-Alkalinity	mg/L	IS:3025 (Part-23)	BDL(MDL:4.0)
21.	Phosphate	mg/L	IS:3550 -1965	1.9
22.	Sodium	mg/L	IS:3025 (Part-45)	4519
23.	Potassium	mg/L	IS:3025 (Part-45)	202
24.	Calcium	mg/L	IS:3025 (Part-40)	158.75
25.	Magnesium	mg/L	IS:3025 (Part-46)	86.94
26.	Arsenic	mg/L	IS:3025 (Part-37)	BDL(MDL:0.01)

27.	Nickel	mg/L	IS:3025 (Part-54)	0.413
28.	Copper	mg/L	IS:3025 (Part-42)	0.078
29.	Mercury	mg/L	IS:3025 (Part-48)	BDL(MDL:0.001)
30.	Chromium	mg/L	IS:3025 (Part-52)	0.069
31.	Cadmium	mg/L	IS:3025 (Part-41)	0.249
32.	Zinc	mg/L	IS:3025 (Part-49)	0.03
33.	Lead	mg/L	IS:3025 (Part-47)	BDL(MDL:0.01)
34.	Iron	mg/L	IS:3025 (Part-53)	0.642
35.	Alpha BHC	ppb	USEPA 8081 A	BDL(MDL:0.01)
36.	Beta BHC	ppb	USEPA 8081 A	BDL(MDL:0.04)
37.	Gama BHC	ppb	USEPA 8081 A	BDL(MDL:2.0)
38.	OP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
39.	PP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
40.	Alpha Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
41.	Beta Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
42.	Dieldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
43.	2-4 D	ppb	USEPA 1699-2007	BDL(MDL:30.0)
44.	Aldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
45.	Chloropyriphos	ppb	USEPA 1699-2007	BDL(MDL:30.0)
46.	Carboryl (Carbamate)	ppb	USEPA 1699-2007	BDL(MDL:0.01)
47.	Methyl Parathin	ppb	USEPA 1699-2007	BDL(MDL:0.3)
48.	Anilophos	ppb	USEPA 1699-2007	BDL(MDL:0.01)
49.	Malathian	ppb	USEPA 8081 B	BDL(MDL:190.0)
50.	Total Coliform	MPN/ 100 ml	APHA:9221 B 23 rd Edition (Page: 9-69)	129
51.	Fecal Coliform	MPN/ 100 ml	APHA:9222 D 23 rd Edition (Page: 9-89)	38
52.	Fecal Streptococci	MPN/ 100 ml	IS:1622-1981 (R.A.-1996)	24

Statement of conformity:-

Remarks:

BDL: Below Detection Limit, MDL: Minimum Detection Limit

Mrs. Khushbu S. Gajjar
Technical Manager

Mr. Swastik R. Gajjar
Lab Manager(Q)

* End of Report *

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REPORT NUMBER:EI/WW/0921/031

DATE OF REPORT: 04-10-2021

F/7.8/01/Issue No.01/Issue Date: 01-10-2018/ Amend No.:00 / Amend Date:-- / Page 2 of 2

TEST REPORT

REPORT NUMBER:EI/WW/0921/032

DATE OF REPORT: 04-10-2021

CLIENT NAME : POLLUTION CONTROL COMMITTEE,

Dadra and Nagar Haveli and Daman and Diu

ADDRESS : 1st Floor, Udyog Bhavan, Bhenslore, Daman- 396220,INDIA

SAMPLE DETAILS.

Laboratory ID	: EI/WW/0921/032	Date of Sampling	: 27-09-2021
Sample Type	: Surface Water	Date of Sample Receipt	: 27-09-2021
Type of Sampling	: Grab	Sample Condition	: Good
Place of Sampling	: Outlet of CETP, Vapi	Quantity of Sample Received	: 5 Liter
Description (GPS)	: N 20°20'34.62", E72°54'20.38"	Analysis Start Date	: 27-09-2021
Sampling Protocol / Standard	: IS3025 (Part 1):1987(R.A.2003)	Analysis End Date	: 04-10-2021
Sampling Conducted By	: SRG	Duration of Sampling	: -

Sl. No	PARAMETER	UNIT	TEST METHOD	RESULTS
1.	Temperature	°C	APHA:2550 B 23 rd Edition (Page: 2-74)	27.9
2.	pH @ 25°C	pH	APHA:4500 H ⁺ B 23 rd Edition (Page: 4-13)	8.02
3.	Conductivity	µs/cm	IS:3025 (Part-14)	6190
4.	Dissolve Oxygen	mg/L	IS:3025 (Part-38)	4.7
5.	Biological Oxygen Demand	mg/L	IS:3025 (Part-44)(3 Days at 27°C)	16.51
6.	Nitrate as N	mg/L	IS:3025 (Part-44)	1.2
7.	Ammonia as N	mg/L	APHA:4500 NH ₃ -B-C 23 rd Edition (Page: 4-114)	15.9
8.	Chemical Oxygen Demand	mg/L	APHA:5220 B 23 rd Edition (Page: 5-18)	48
9.	Total Kjeldahl Nitrogen	mg/L	IS:3025 (Part-34)	46.9
10.	Total Dissolve Solids	mg/L	APHA:2540 C 23 rd Edition (Page: 2-69)	3698
11.	Total Fixed Solids	mg/L	IS:3025 (Part-18)	2731
12.	Total Suspended Solids	mg/L	APHA:2540 B 23 rd Edition (Page: 2-70)	30
13.	Turbidity	NTU	IS:3025 (Part-10)	1.8
14.	Hardness	mg/L	IS:3025 (Part-21)	1279
15.	Fluoride	mg/L	IS:3025 (Part-60)	BDL(MDL:0.1)
16.	Boron	mg/L	IS:3025 (Part-57)	0.19
17.	Chloride	mg/L	APHA:4500 Cl ⁻ B 23 rd Edition (Page: 4-75)	2897
18.	Sulphate	mg/L	IS:3025 (Part-28)	917
19.	Total Alkalinity	mg/L	IS:3025 (Part-23)	194
20.	P-Alkalinity	mg/L	IS:3025 (Part-23)	BDL(MDL:4.0)
21.	Phosphate	mg/L	IS:3550 -1965	2.8
22.	Sodium	mg/L	IS:3025 (Part-45)	948
23.	Potassium	mg/L	IS:3025 (Part-45)	40.8
24.	Calcium	mg/L	IS:3025 (Part-40)	239.13
25.	Magnesium	mg/L	IS:3025 (Part-46)	152.1
26.	Arsenic	mg/L	IS:3025 (Part-37)	BDL(MDL:0.01)

27.	Nickel	mg/L	IS:3025 (Part-54)	0.199
28.	Copper	mg/L	IS:3025 (Part-42)	BDL(MDL:0.05)
29.	Mercury	mg/L	IS:3025 (Part-48)	BDL(MDL:0.001)
30.	Chromium	mg/L	IS:3025 (Part-52)	BDL(MDL:0.05)
31.	Cadmium	mg/L	IS:3025 (Part-41)	0.026
32.	Zinc	mg/L	IS:3025 (Part-49)	0.09
33.	Lead	mg/L	IS:3025 (Part-47)	BDL(MDL:0.01)
34.	Iron	mg/L	IS:3025 (Part-53)	1.022
35.	Alpha BHC	ppb	USEPA 8081 A	BDL(MDL:0.01)
36.	Beta BHC	ppb	USEPA 8081 A	BDL(MDL:0.04)
37.	Gama BHC	ppb	USEPA 8081 A	BDL(MDL:2.0)
38.	OP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
39.	PP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
40.	Alpha Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
41.	Beta Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
42.	Dieldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
43.	2-4 D	ppb	USEPA 1699-2007	BDL(MDL:30.0)
44.	Aldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
45.	Chloropyriphos	ppb	USEPA 1699-2007	BDL(MDL:30.0)
46.	Carboryl (Carbamate)	ppb	USEPA 1699-2007	BDL(MDL:0.01)
47.	Methyl Parathin	ppb	USEPA 1699-2007	BDL(MDL:0.3)
48.	Anilophos	ppb	USEPA 1699-2007	BDL(MDL:0.01)
49.	Malathian	ppb	USEPA 8081 B	BDL(MDL:190.0)
50.	Total Coliform	MPN/ 100 ml	APHA:9221 B 23 rd Edition (Page: 9-69)	>1600
51.	Fecal Coliform	MPN/ 100 ml	APHA:9222 D 23 rd Edition (Page: 9-89)	885
52.	Fecal Streptococci	MPN/ 100 ml	IS:1622-1981 (R.A.-1996)	92

Statement of conformity:-

Remarks:

BDL: Below Detection Limit, MDL: Minimum Detection Limit

Mrs. Khushbu S. Gajjar
Technical Manager

Mr. Swastik R. Gajjar
Lab Manager(Q)

* End of Report *

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REPORT NUMBER: **EI/WW/0921/032**

DATE OF REPORT: **04-10-2021**

F/7.8/01/Issue No.01/Issue Date: 01-10-2018/ Amend No.:00 / Amend Date:-- / Page 2 of 2

TEST REPORT

REPORT NUMBER:EI/WW/0921/033**DATE OF REPORT: 04-10-2021****CLIENT NAME : POLLUTION CONTROL COMMITTEE,****Dadra and Nagar Haveli and Daman and Diu****ADDRESS : 1st Floor, Udyog Bhavan, Bhenslore, Daman- 396220,INDIA****SAMPLE DETAILS.**

Laboratory ID	: EI/WW/0921/033	Date of Sampling	: 27-09-2021
Sample Type	: Surface Water	Date of Sample Receipt	: 27-09-2021
Type of Sampling	: Grab	Sample Condition	: Good
Place of Sampling	: Outlet of GHCL,Bhilad	Quantity of Sample Received	: 5 Liter
Description (GPS)	: N 20°17'35.81"E72°53'49.31"	Analysis Start Date	: 27-09-2021
Sampling Protocol / Standard	: IS3025 (Part 1):1987(R.A.2003)	Analysis End Date	: 04-10-2021
Sampling Conducted By	: SRG	Duration of Sampling	: -

Sl. No	PARAMETER	UNIT	TEST METHOD	RESULTS
1.	Temperature	°C	APHA:2550 B 23 rd Edition (Page: 2-74)	27
2.	pH @ 25°C	pH	APHA:4500 H ⁺ B 23 rd Edition (Page: 4-13)	8.2
3.	Conductivity	µs/cm	IS:3025 (Part-14)	2332
4.	Dissolve Oxygen	mg/L	IS:3025 (Part-38)	6.3
5.	Biological Oxygen Demand	mg/L	IS:3025 (Part-44)(3 Days at 27°C)	14.23
6.	Nitrate as N	mg/L	IS:3025 (Part-44)	4.1
7.	Ammonia as N	mg/L	APHA:4500 NH ₃ -B-C 23 rd Edition (Page: 4-114)	15.1
8.	Chemical Oxygen Demand	mg/L	APHA:5220 B 23 rd Edition (Page: 5-18)	52
9.	Total Kjeldahl Nitrogen	mg/L	IS:3025 (Part-34)	12.2
10.	Total Dissolve Solids	mg/L	APHA:2540 C 23 rd Edition (Page: 2-69)	1479
11.	Total Fixed Solids	mg/L	IS:3025 (Part-18)	983
12.	Total Suspended Solids	mg/L	APHA:2540 B 23 rd Edition (Page: 2-70)	38
13.	Turbidity	NTU	IS:3025 (Part-10)	2.1
14.	Hardness	mg/L	IS:3025 (Part-21)	301
15.	Fluoride	mg/L	IS:3025 (Part-60)	BDL(MDL:0.1)
16.	Boron	mg/L	IS:3025 (Part-57)	ND
17.	Chloride	mg/L	APHA:4500 Cl ⁻ B 23 rd Edition (Page: 4-75)	281.3
18.	Sulphate	mg/L	IS:3025 (Part-28)	203
19.	Total Alkalinity	mg/L	IS:3025 (Part-23)	427
20.	P-Alkalinity	mg/L	IS:3025 (Part-23)	BDL(MDL:4.0)
21.	Phosphate	mg/L	IS:3550 -1965	2.6
22.	Sodium	mg/L	IS:3025 (Part-45)	422.5
23.	Potassium	mg/L	IS:3025 (Part-45)	30.1
24.	Calcium	mg/L	IS:3025 (Part-40)	61.25
25.	Magnesium	mg/L	IS:3025 (Part-46)	34.98
26.	Arsenic	mg/L	IS:3025 (Part-37)	BDL(MDL:0.01)

27.	Nickel	mg/L	IS:3025 (Part-54)	BDL(MDL:0.02)
28.	Copper	mg/L	IS:3025 (Part-42)	0.150
29.	Mercury	mg/L	IS:3025 (Part-48)	BDL(MDL:0.001)
30.	Chromium	mg/L	IS:3025 (Part-52)	BDL(MDL:0.05)
31.	Cadmium	mg/L	IS:3025 (Part-41)	0.054
32.	Zinc	mg/L	IS:3025 (Part-49)	BDL(MDL:0.05)
33.	Iron	mg/L	IS:3025 (Part-53)	BDL(MDL:0.01)
34.	Lead	mg/L	IS:3025 (Part-47)	0.598
35.	Alpha BHC	ppb	USEPA 8081 A	BDL(MDL:0.01)
36.	Beta BHC	ppb	USEPA 8081 A	BDL(MDL:0.04)
37.	Gama BHC	ppb	USEPA 8081 A	BDL(MDL:2.0)
38.	OP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
39.	PP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
40.	Alpha Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
41.	Beta Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
42.	Dieldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
43.	2-4 D	ppb	USEPA 1699-2007	BDL(MDL:30.0)
44.	Aldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
45.	Chloropyriphos	ppb	USEPA 1699-2007	BDL(MDL:30.0)
46.	Carboryl (Carbamate)	ppb	USEPA 1699-2007	BDL(MDL:0.01)
47.	Methyl Parathin	ppb	USEPA 1699-2007	BDL(MDL:0.3)
48.	Anilophos	ppb	USEPA 1699-2007	BDL(MDL:0.01)
49.	Malathian	ppb	USEPA 8081 B	BDL(MDL:190.0)
50.	Total Coliform	MPN/ 100 ml	APHA:9221 B 23 rd Edition (Page: 9-69)	>1600
51.	Fecal Coliform	MPN/ 100 ml	APHA:9222 D 23 rd Edition (Page: 9-89)	1600
52.	Fecal Streptococci	MPN/ 100 ml	IS:1622-1981 (R.A.-1996)	889

Statement of conformity:-

Remarks:

BDL: Below Detection Limit, MDL: Minimum Detection Limit

Mrs. Khushbu S. Gajjar
Technical Manager

Mr. Swastik R. Gajjar
Lab Manager(Q)

* End of Report *

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REPORT NUMBER: **EI/WW/0921/033**

DATE OF REPORT: **04-10-2021**

F/7.8/01/Issue No.01/Issue Date: 01-10-2018/ Amend No.:00 / Amend Date:-- / Page 2 of 2

TEST REPORT

REPORT NUMBER:EI/WW/0921/034**DATE OF REPORT: 02-09-2021****CLIENT NAME : POLLUTION CONTROL COMMITTEE,****Dadra and Nagar Haveli and Daman and Diu****ADDRESS : 1st Floor, Udyog Bhavan, Bhenslore, Daman- 396220,INDIA****SAMPLE DETAILS.**

Laboratory ID	: EI/WW/0921/034	Date of Sampling	: 27-09-2021
Sample Type	: Surface Water	Date of Sample Receipt	: 27-09-2021
Type of Sampling	: Grab	Sample Condition	: Good
Place of Sampling	: 100 meter Downstream of outlet of CETP, Vapi (from river)	Quantity of Sample Received	: 5 Liter
Description (GPS)	: N 20°20'31.52", E72°54'16.88"	Analysis Start Date	: 27-09-2021
Sampling Protocol / Standard	: IS3025 (Part 1):1987(R.A.2003)	Analysis End Date	: 04-10-2021
Sampling Conducted By	: SRG	Duration of Sampling	: -

Sl. No	PARAMETER	UNIT	TEST METHOD	RESULTS
1.	Temperature	°C	APHA:2550 B 23 rd Edition (Page: 2-74)	27.3
2.	pH @ 25°C	pH	APHA:4500 H ⁺ B 23 rd Edition (Page: 4-13)	7.2
3.	Conductivity	µs/cm	IS:3025 (Part-14)	717
4.	Dissolve Oxygen	mg/L	IS:3025 (Part-38)	6.4
5.	Biological Oxygen Demand	mg/L	IS:3025 (Part-44)(3 Days at 27°C)	3.01
6.	Nitrate as N	mg/L	IS:3025 (Part-44)	0.3
7.	Ammonia as N	mg/L	APHA:4500 NH ₃ -B-C 23 rd Edition (Page: 4-114)	8.33
8.	Chemical Oxygen Demand	mg/L	APHA:5220 B 23 rd Edition (Page: 5-18)	9.9
9.	Total Kjeldahl Nitrogen	mg/L	IS:3025 (Part-34)	14.1
10.	Total Dissolve Solids	mg/L	APHA:2540 C 23 rd Edition (Page: 2-69)	463
11.	Total Fixed Solids	mg/L	IS:3025 (Part-18)	342
12.	Total Suspended Solids	mg/L	APHA:2540 B 23 rd Edition (Page: 2-70)	11
13.	Turbidity	NTU	IS:3025 (Part-10)	0.2
14.	Hardness	mg/L	IS:3025 (Part-21)	221
15.	Fluoride	mg/L	IS:3025 (Part-60)	BDL(MDL:0.1)
16.	Boron	mg/L	IS:3025 (Part-57)	ND
17.	Chloride	mg/L	APHA:4500 Cl ⁻ B 23 rd Edition (Page: 4-75)	128.9
18.	Sulphate	mg/L	IS:3025 (Part-28)	113.3
19.	Total Alkalinity	mg/L	IS:3025 (Part-23)	80
20.	P-Alkalinity	mg/L	IS:3025 (Part-23)	BDL(MDL:4.0)
21.	Phosphate	mg/L	IS:3550 -1965	2.9
22.	Sodium	mg/L	IS:3025 (Part-45)	82.1
23.	Potassium	mg/L	IS:3025 (Part-45)	6.2
24.	Calcium	mg/L	IS:3025 (Part-40)	59.99

25.	Magnesium	mg/L	IS:3025 (Part-46)	16.34
26.	Arsenic	mg/L	IS:3025 (Part-37)	BDL(MDL:0.01)
27.	Nickel	mg/L	IS:3025 (Part-54)	BDL(MDL:0.02)
28.	Copper	mg/L	IS:3025 (Part-42)	BDL(MDL:0.05)
29.	Mercury	mg/L	IS:3025 (Part-48)	BDL(MDL:0.001)
30.	Chromium	mg/L	IS:3025 (Part-52)	BDL(MDL:0.05)
31.	Cadmium	mg/L	IS:3025 (Part-41)	BDL(MDL:0.003)
32.	Zinc	mg/L	IS:3025 (Part-49)	BDL(MDL:0.05)
33.	Lead	mg/L	IS:3025 (Part-47)	BDL(MDL:0.01)
34.	Iron	mg/L	IS:3025 (Part-53)	BDL(MDL:0.01)
35.	Alpha BHC	ppb	USEPA 8081 A	BDL(MDL:0.01)
36.	Beta BHC	ppb	USEPA 8081 A	BDL(MDL:0.04)
37.	Gama BHC	ppb	USEPA 8081 A	BDL(MDL:2.0)
38.	OP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
39.	PP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
40.	Alpha Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
41.	Beta Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
42.	Dieldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
43.	2-4 D	ppb	USEPA 1699-2007	BDL(MDL:30.0)
44.	Aldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
45.	Chloropyriphos	ppb	USEPA 1699-2007	BDL(MDL:30.0)
46.	Carboryl (Carbamate)	ppb	USEPA 1699-2007	BDL(MDL:0.01)
47.	Methyl Parathin	ppb	USEPA 1699-2007	BDL(MDL:0.3)
48.	Anilophos	ppb	USEPA 1699-2007	BDL(MDL:0.01)
49.	Malathian	ppb	USEPA 8081 B	BDL(MDL:190.0)
50.	Total Coliform	MPN/ 100 ml	APHA:9221 B 23 rd Edition (Page: 9-69)	>1600
51.	Fecal Coliform	MPN/ 100 ml	APHA:9222 D 23 rd Edition (Page: 9-89)	1600
52.	Fecal Streptococci	MPN/ 100 ml	IS:1622-1981 (R.A.-1996)	134

Statement of conformity:-

Remarks:

BDL: Below Detection Limit, MDL: Minimum Detection Limit

Mrs. Khushbu S. Gajjar
Technical Manager

Mr. Swastik R. Gajjar
Lab Manager(Q)

* End of Report *

- 1) The results relate only to the items tested.
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REPORT NUMBER: **EI/WW/0921/034**

DATE OF REPORT: **04-10-2021**

F/7.8/01/Issue No.01/Issue Date: 01-10-2018/ Amend No.:00 / Amend Date:-- / Page 2 of 2

TEST REPORT

REPORT NUMBER:EI/WW/0921/035**DATE OF REPORT: 04-10-2021****CLIENT NAME : POLLUTION CONTROL COMMITTEE,****Dadra and Nagar Haveli and Daman and Diu****ADDRESS : 1st Floor, Udyog Bhavan, Bhenslore, Daman- 396220,INDIA****SAMPLE DETAILS.**

Laboratory ID	: EI/WW/0921/035	Date of Sampling	: 27-09-2021
Sample Type	: Surface Water	Date of Sample Receipt	: 27-09-2021
Type of Sampling	: Grab	Sample Condition	: Good
Place of Sampling	: At Patalia Bridge(Kolak River)	Quantity of Sample Received	: 5 Liter
Description (GPS)	: N 20°27'41", E72°53'12.59"	Analysis Start Date	: 27-09-2021
Sampling Protocol / Standard	: IS3025 (Part 1):1987(R.A.2003)	Analysis End Date	: 04-10-2021
Sampling Conducted By	: SRG	Duration of Sampling	: -

Sl. No	PARAMETER	UNIT	TEST METHOD	RESULTS
1.	Temperature	°C	APHA:2550 B 23 rd Edition (Page: 2-74)	27.7
2.	pH @ 25°C	pH	APHA:4500 H ⁺ B 23 rd Edition (Page: 4-13)	8.08
3.	Conductivity	µs/cm	IS:3025 (Part-14)	282
4.	Dissolve Oxygen	mg/L	IS:3025 (Part-38)	5.9
5.	Biological Oxygen Demand	mg/L	IS:3025 (Part-44)(3 Days at 27°C)	4.89
6.	Nitrate as N	mg/L	IS:3025 (Part-44)	0.4
7.	Ammonia as N	mg/L	APHA:4500 NH ₃ -B-C 23 rd Edition (Page: 4-114)	2.2
8.	Chemical Oxygen Demand	mg/L	APHA:5220 B 23 rd Edition (Page: 5-18)	16.9
9.	Total Kjeldahl Nitrogen	mg/L	IS:3025 (Part-34)	6.5
10.	Total Dissolve Solids	mg/L	APHA:2540 C 23 rd Edition (Page: 2-69)	189
11.	Total Fixed Solids	mg/L	IS:3025 (Part-18)	128
12.	Total Suspended Solids	mg/L	APHA:2540 B 23 rd Edition (Page: 2-70)	39
13.	Turbidity	NTU	IS:3025 (Part-10)	1.8
14.	Hardness	mg/L	IS:3025 (Part-21)	197
15.	Fluoride	mg/L	IS:3025 (Part-60)	BDL(MDL:0.1)
16.	Boron	mg/L	IS:3025 (Part-57)	ND
17.	Chloride	mg/L	APHA:4500 Cl ⁻ B 23 rd Edition (Page: 4-75)	63.9
18.	Sulphate	mg/L	IS:3025 (Part-28)	38.8
19.	Total Alkalinity	mg/L	IS:3025 (Part-23)	78
20.	P-Alkalinity	mg/L	IS:3025 (Part-23)	BDL(MDL:4.0)
21.	Phosphate	mg/L	IS:3550 -1965	0.61
22.	Sodium	mg/L	IS:3025 (Part-45)	579.5
23.	Potassium	mg/L	IS:3025 (Part-45)	22.9
24.	Calcium	mg/L	IS:3025 (Part-40)	48.87
25.	Magnesium	mg/L	IS:3025 (Part-46)	17.98
26.	Arsenic	mg/L	IS:3025 (Part-37)	BDL(MDL:0.01)

27.	Nickel	mg/L	IS:3025 (Part-54)	BDL(MDL:0.02)
28.	Copper	mg/L	IS:3025 (Part-42)	BDL(MDL:0.05)
29.	Mercury	mg/L	IS:3025 (Part-48)	BDL(MDL:0.001)
30.	Chromium	mg/L	IS:3025 (Part-52)	BDL(MDL:0.05)
31.	Cadmium	mg/L	IS:3025 (Part-41)	0.029
32.	Zinc	mg/L	IS:3025 (Part-49)	BDL(MDL:0.05)
33.	Lead	mg/L	IS:3025 (Part-47)	BDL(MDL:0.01)
34.	Iron	mg/L	IS:3025 (Part-53)	0.74
35.	Alpha BHC	ppb	USEPA 8081 A	BDL(MDL:0.01)
36.	Beta BHC	ppb	USEPA 8081 A	BDL(MDL:0.04)
37.	Gama BHC	ppb	USEPA 8081 A	BDL(MDL:2.0)
38.	OP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
39.	PP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
40.	Alpha Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
41.	Beta Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
42.	Dieldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
43.	2-4 D	ppb	USEPA 1699-2007	BDL(MDL:30.0)
44.	Aldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
45.	Chloropyriphos	ppb	USEPA 1699-2007	BDL(MDL:30.0)
46.	Carboryl (Carbamate)	ppb	USEPA 1699-2007	BDL(MDL:0.01)
47.	Methyl Parathin	ppb	USEPA 1699-2007	BDL(MDL:0.3)
48.	Anilophos	ppb	USEPA 1699-2007	BDL(MDL:0.01)
49.	Malathian	ppb	USEPA 8081 B	BDL(MDL:190.0)
50.	Total Coliform	MPN/ 100 ml	APHA:9221 B 23 rd Edition (Page: 9-69)	>1600
51.	Fecal Coliform	MPN/ 100 ml	APHA:9222 D 23 rd Edition (Page: 9-89)	1600
52.	Fecal Streptococci	MPN/ 100 ml	IS:1622-1981 (R.A.-1996)	252

Statement of conformity:-

Remarks:

BDL: Below Detection Limit, MDL: Minimum Detection Limit

Mrs. Khushbu S. Gajjar
Technical Manager

Mr. Swastik R. Gajjar
Lab Manager(Q)

* End of Report *

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REPORT NUMBER: **EI/WW/0921/035**

DATE OF REPORT: **04-10-2021**

F/7.8/01/Issue No.01/Issue Date: 01-10-2018/ Amend No.:00 / Amend Date:-- / Page 2 of 2

TEST REPORT

REPORT NUMBER: EI/WW/0921/036**DATE OF REPORT: 04-10-2021****CLIENT NAME : POLLUTION CONTROL COMMITTEE,****Dadra and Nagar Haveli and Daman and Diu****ADDRESS : 1st Floor, Udyog Bhavan, Bhenslore, Daman- 396220,INDIA****SAMPLE DETAILS.**

Laboratory ID	: EI/WW/0921/036	Date of Sampling	: 27-09-2021
Sample Type	: Surface Water	Date of Sample Receipt	: 27-09-2021
Type of Sampling	: Grab	Sample Condition	: Good
Place of Sampling	: At N.H.No.8,Vapi (Kolak River)	Quantity of Sample Received	: 5 Liter
Description (GPS)	: N 20°25'24.2", E72°54'57.28"	Analysis Start Date	: 27-09-2021
Sampling Protocol / Standard	: IS3025 (Part 1):1987(R.A.2003)	Analysis End Date	: 04-10-2021
Sampling Conducted By	: SRG	Duration of Sampling	: -

Sl. No	PARAMETER	UNIT	TEST METHOD	RESULTS
1.	Temperature	°C	APHA:2550 B 23 rd Edition (Page: 2-74)	27.4
2.	pH @ 25°C	pH	APHA:4500 H ⁺ B 23 rd Edition (Page: 4-13)	7.18
3.	Conductivity	µs/cm	IS:3025 (Part-14)	278
4.	Dissolve Oxygen	mg/L	IS:3025 (Part-38)	6.3
5.	Biological Oxygen Demand	mg/L	IS:3025 (Part-44)(3 Days at 27°C)	5.75
6.	Nitrate as N	mg/L	IS:3025 (Part-44)	0.7
7.	Ammonia as N	mg/L	APHA:4500 NH ₃ -B-C 23 rd Edition (Page: 4-114)	BDL(MDL:2.0)
8.	Chemical Oxygen Demand	mg/L	APHA:5220 B 23 rd Edition (Page: 5-18)	17.2
9.	Total Kjeldahl Nitrogen	mg/L	IS:3025 (Part-34)	BDL(MDL:2.0)
10.	Total Dissolve Solids	mg/L	APHA:2540 C 23 rd Edition (Page: 2-69)	182
11.	Total Fixed Solids	mg/L	IS:3025 (Part-18)	103
12.	Total Suspended Solids	mg/L	APHA:2540 B 23 rd Edition (Page: 2-70)	7
13.	Turbidity	NTU	IS:3025 (Part-10)	0.8
14.	Hardness	mg/L	IS:3025 (Part-21)	122
15.	Fluoride	mg/L	IS:3025 (Part-60)	BDL(MDL:0.1)
16.	Boron	mg/L	IS:3025 (Part-57)	ND
17.	Chloride	mg/L	APHA:4500 Cl ⁻ B 23 rd Edition (Page: 4-75)	13.8
18.	Sulphate	mg/L	IS:3025 (Part-28)	8.3
19.	Total Alkalinity	mg/L	IS:3025 (Part-23)	80
20.	P-Alkalinity	mg/L	IS:3025 (Part-23)	BDL(MDL:4.0)
21.	Phosphate	mg/L	IS:3550 -1965	0.29
22.	Sodium	mg/L	IS:3025 (Part-45)	10.7
23.	Potassium	mg/L	IS:3025 (Part-45)	BDL(MDL:1.0)
24.	Calcium	mg/L	IS:3025 (Part-40)	34.86
25.	Magnesium	mg/L	IS:3025 (Part-46)	8.62

26.	Arsenic	mg/L	IS:3025 (Part-37)	BDL(MDL:0.01)
27.	Nickel	mg/L	IS:3025 (Part-54)	BDL(MDL:0.02)
28.	Copper	mg/L	IS:3025 (Part-42)	BDL(MDL:0.05)
29.	Mercury	mg/L	IS:3025 (Part-48)	BDL(MDL:0.001)
30.	Chromium	mg/L	IS:3025 (Part-52)	BDL(MDL:0.05)
31.	Cadmium	mg/L	IS:3025 (Part-41)	BDL(MDL:0.003)
32.	Zinc	mg/L	IS:3025 (Part-49)	BDL(MDL:0.05)
33.	Lead	mg/L	IS:3025 (Part-47)	BDL(MDL:0.01)
34.	Iron	mg/L	IS:3025 (Part-53)	0.189
35.	Alpha BHC	ppb	USEPA 8081 A	BDL(MDL:0.01)
36.	Beta BHC	ppb	USEPA 8081 A	BDL(MDL:0.04)
37.	Gama BHC	ppb	USEPA 8081 A	BDL(MDL:2.0)
38.	OP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
39.	PP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
40.	Alpha Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
41.	Beta Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
42.	Dieldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
43.	2-4 D	ppb	USEPA 1699-2007	BDL(MDL:30.0)
44.	Aldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
45.	Chloropyriphos	ppb	USEPA 1699-2007	BDL(MDL:30.0)
46.	Carboryl (Carbamate)	ppb	USEPA 1699-2007	BDL(MDL:0.01)
47.	Methyl Parathin	ppb	USEPA 1699-2007	BDL(MDL:0.3)
48.	Anilophos	ppb	USEPA 1699-2007	BDL(MDL:0.01)
49.	Malathian	ppb	USEPA 8081 B	BDL(MDL:190.0)
50.	Total Coliform	MPN/ 100 ml	APHA:9221 B 23 rd Edition (Page: 9-69)	273
51.	Fecal Coliform	MPN/ 100 ml	APHA:9222 D 23 rd Edition (Page: 9-89)	121
52.	Fecal Streptococci	MPN/ 100 ml	IS:1622-1981 (R.A.-1996)	34

Statement of conformity:-

Remarks:

BDL: Below Detection Limit, MDL: Minimum Detection Limit

Mrs. Khushbu S. Gajjar
Technical Manager

Mr. Swastik R. Gajjar
Lab Manager(Q)

* End of Report *

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REPORT NUMBER: **EI/WW/0921/036**

DATE OF REPORT: **04-10-2021**

F/7.8/01/Issue No.01/Issue Date: 01-10-2018/ Amend No.:00 / Amend Date:-- / Page 2 of 2

TEST REPORT

REPORT NUMBER:EI/WW/1021/016**DATE OF REPORT: 02-11-2021****CLIENT NAME : POLLUTION CONTROL COMMITTEE,****Dadra and Nagar Haveli and Daman and Diu****ADDRESS : 1st Floor, Udyog Bhavan, Bhenslore, Daman- 396220,INDIA****SAMPLE DETAILS.**

Laboratory ID : EI/WW/1021/016	Date of Sampling : 27-10-2021
Sample Type : Surface Water	Date of Sample Receipt : 27-10-2021
Type of Sampling : Grab	Sample Condition : Good
Place of Sampling : D/s of Madhuban Dam	Quantity of Sample Received : 5 Liter
Description (GPS) : N 20°12'57", E 73°2'29"	Analysis Start Date : 27-10-2021
Sampling Protocol / Standard : IS3025 (Part 1):1987(R.A.2003)	Analysis End Date : 02-11-2021
Sampling Conducted By : SRG	Duration of Sampling : -

Sl. No	PARAMETER	UNIT	TEST METHOD	RESULTS
1.	Temperature	°C	APHA:2550 B 23 rd Edition (Page: 2-74)	27.2
2.	pH @ 25°C	pH	APHA:4500 H ⁺ B 23 rd Edition (Page: 4-13)	8.1
3.	Conductivity	µs/cm	IS:3025 (Part-14)	204
4.	Dissolve Oxygen	mg/L	IS:3025 (Part-38)	7.3
5.	Biological Oxygen Demand	mg/L	IS:3025 (Part-44)(3 Days at 27°C)	BDL(MDL:1.0)
6.	Nitrate as N	mg/L	IS:3025 (Part-44)	BDL(MDL:0.1)
7.	Ammonia as N	mg/L	APHA:4500 NH ₃ -B-C 23 rd Edition (Page: 4-114)	BDL(MDL:2.0)
8.	Chemical Oxygen Demand	mg/L	APHA:5220 B 23 rd Edition (Page: 5-18)	BDL(MDL:2.0)
9.	Total Kjeldahl Nitrogen	mg/L	IS:3025 (Part-34)	BDL(MDL:2.0)
10.	Total Dissolve Solids	mg/L	APHA:2540 C 23 rd Edition (Page: 2-69)	115
11.	Total Fixed Solids	mg/L	IS:3025 (Part-18)	96
12.	Total Suspended Solids	mg/L	APHA:2540 B 23 rd Edition (Page: 2-70)	BDL(MDL:4.0)
13.	Turbidity	NTU	IS:3025 (Part-10)	0.8
14.	Hardness	mg/L	IS:3025 (Part-21)	87
15.	Fluoride	mg/L	IS:3025 (Part-60)	BDL(MDL:0.1)
16.	Boron	mg/L	IS:3025 (Part-57)	ND
17.	Chloride	mg/L	APHA:4500 Cl ⁻ B 23 rd Edition (Page: 4-75)	4.1
18.	Sulphate	mg/L	IS:3025 (Part-28)	4.5
19.	Total Alkalinity	mg/L	IS:3025 (Part-23)	49
20.	P-Alkalinity	mg/L	IS:3025 (Part-23)	BDL(MDL:4.0)
21.	Phosphate	mg/L	IS:3550 -1965	BDL(MDL:0.1)
22.	Sodium	mg/L	IS:3025 (Part-45)	15.1
23.	Potassium	mg/L	IS:3025 (Part-45)	BDL(MDL:1.0)
24.	Calcium	mg/L	IS:3025 (Part-40)	25.903
25.	Magnesium	mg/L	IS:3025 (Part-46)	6.7
26.	Arsenic	mg/L	IS:3025 (Part-37)	BDL(MDL:0.01)

27.	Nickel	mg/L	IS:3025 (Part-54)	BDL(MDL:0.02)
28.	Copper	mg/L	IS:3025 (Part-42)	BDL(MDL:0.05)
29.	Mercury	mg/L	IS:3025 (Part-48)	BDL(MDL:0.001)
30.	Chromium	mg/L	IS:3025 (Part-52)	BDL(MDL:0.05)
31.	Cadmium	mg/L	IS:3025 (Part-41)	BDL(MDL:0.003)
32.	Zinc	mg/L	IS:3025 (Part-49)	BDL(MDL:0.05)
33.	Lead	mg/L	IS:3025 (Part-47)	BDL(MDL:0.01)
34.	Iron	mg/L	IS:3025 (Part-53)	BDL(MDL:0.01)
35.	Alpha BHC	ppb	USEPA 8081 A	BDL(MDL:0.01)
36.	Beta BHC	ppb	USEPA 8081 A	BDL(MDL:0.04)
37.	Gama BHC	ppb	USEPA 8081 A	BDL(MDL:2.0)
38.	OP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
39.	PP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
40.	Alpha Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
41.	Beta Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
42.	Dieldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
43.	2-4 D	ppb	USEPA 1699-2007	BDL(MDL:30.0)
44.	Aldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
45.	Chloropyriphos	ppb	USEPA 1699-2007	BDL(MDL:30.0)
46.	Carboryl (Carbamate)	ppb	USEPA 1699-2007	BDL(MDL:0.01)
47.	Methyl Parathin	ppb	USEPA 1699-2007	BDL(MDL:0.3)
48.	Anilophos	ppb	USEPA 1699-2007	BDL(MDL:0.01)
49.	Malathian	ppb	USEPA 8081 B	BDL(MDL:190.0)
50.	Total Coliform	MPN/ 100 ml	APHA:9221 B 23 rd Edition (Page: 9-69)	36
51.	Fecal Coliform	MPN/ 100 ml	APHA:9222 D 23 rd Edition (Page: 9-89)	8
52.	Fecal Streptococci	MPN/ 100 ml	IS:1622-1981 (R.A.-1996)	6

Statement of conformity:-

Remarks:

BDL: Below Detection Limit, MDL: Minimum Detection Limit

Mrs. Khushbu S. Gajjar
Technical Manager

Mr. Swastik R. Gajjar
Lab Manager(Q)

* End of Report *

- 1) The results relate only to the items tested.
- 2) This test report shall not be reproduced except in full, without approval of the laboratory can provide assurance that parts of a report are not taken out of context.

REPORT NUMBER: **EI/WW/1021/016**

DATE OF REPORT: **02-11-2021**

F/7.8/01/Issue No.01/Issue Date: 01-10-2018/ Amend No.:00 / Amend Date:-- / Page 2 of 2

TEST REPORT

REPORT NUMBER:EI/WW/1021/017

DATE OF REPORT: 02-11-2021

CLIENT NAME : POLLUTION CONTROL COMMITTEE,

Dadra and Nagar Haveli and Daman and Diu

ADDRESS : 1st Floor, Udyog Bhavan, Bhenslore, Daman- 396220,INDIA

SAMPLE DETAILS.

Laboratory ID : EI/WW/0921/017	Date of Sampling : 27-10-2021
Sample Type : Surface Water	Date of Sample Receipt : 27-10-2021
Type of Sampling : Grab	Sample Condition : Good
Place of Sampling : D/s of Naroli Bridge,Silvassa,DNH	Quantity of Sample Received : 5 Liter
Description (GPS) : N 20°16'7", E 72°59'21"	Analysis Start Date : 27-10-2021
Sampling Protocol / Standard : IS3025 (Part 1):1987(R.A.2003)	Analysis End Date : 02-11-2021
Sampling Conducted By : SRG	Duration of Sampling : -

Sl. No	PARAMETER	UNIT	TEST METHOD	RESULTS
1.	Temperature	°C	APHA:2550 B 23 rd Edition (Page: 2-74)	27.6
2.	pH @ 25°C	pH	APHA:4500 H ⁺ B 23 rd Edition (Page: 4-13)	7.9
3.	Conductivity	µs/cm	IS:3025 (Part-14)	207
4.	Dissolve Oxygen	mg/L	IS:3025 (Part-38)	7.5
5.	Biological Oxygen Demand	mg/L	IS:3025 (Part-44)(3 Days at 27°C)	BDL(MDL:1.0)
6.	Nitrate as N	mg/L	IS:3025 (Part-44)	0.4
7.	Ammonia as N	mg/L	APHA:4500 NH ₃ -B-C 23 rd Edition (Page: 4-114)	BDL(MDL:2.0)
8.	Chemical Oxygen Demand	mg/L	APHA:5220 B 23 rd Edition (Page: 5-18)	BDL(MDL:2.0)
9.	Total Kjeldahl Nitrogen	mg/L	IS:3025 (Part-34)	BDL(MDL:2.0)
10.	Total Dissolve Solids	mg/L	APHA:2540 C 23 rd Edition (Page: 2-69)	121
11.	Total Fixed Solids	mg/L	IS:3025 (Part-18)	101
12.	Total Suspended Solids	mg/L	APHA:2540 B 23 rd Edition (Page: 2-70)	9
13.	Turbidity	NTU	IS:3025 (Part-10)	1.1
14.	Hardness	mg/L	IS:3025 (Part-21)	74
15.	Fluoride	mg/L	IS:3025 (Part-60)	BDL(MDL:0.1)
16.	Boron	mg/L	IS:3025 (Part-57)	ND
17.	Chloride	mg/L	APHA:4500 Cl ⁻ B 23 rd Edition (Page: 4-75)	7.2
18.	Sulphate	mg/L	IS:3025 (Part-28)	5.7
19.	Total Alkalinity	mg/L	IS:3025 (Part-23)	54
20.	P-Alkalinity	mg/L	IS:3025 (Part-23)	BDL(MDL:4.0)
21.	Phosphate	mg/L	IS:3550 -1965	BDL(MDL:0.1)
22.	Sodium	mg/L	IS:3025 (Part-45)	19.1
23.	Potassium	mg/L	IS:3025 (Part-45)	BDL(MDL:1.0)
24.	Calcium	mg/L	IS:3025 (Part-40)	23.9
25.	Magnesium	mg/L	IS:3025 (Part-46)	5.1

26.	Arsenic	mg/L	IS:3025 (Part-37)	BDL(MDL:0.01)
27.	Nickel	mg/L	IS:3025 (Part-54)	BDL(MDL:0.02)
28.	Copper	mg/L	IS:3025 (Part-42)	BDL(MDL:0.05)
29.	Mercury	mg/L	IS:3025 (Part-48)	BDL(MDL:0.001)
30.	Chromium	mg/L	IS:3025 (Part-52)	BDL(MDL:0.05)
31.	Cadmium	mg/L	IS:3025 (Part-41)	BDL(MDL:0.003)
32.	Zinc	mg/L	IS:3025 (Part-49)	0.55
33.	Lead	mg/L	IS:3025 (Part-47)	BDL(MDL:0.01)
34.	Iron	mg/L	IS:3025 (Part-53)	BDL(MDL:0.01)
35.	Alpha BHC	ppb	USEPA 8081 A	BDL(MDL:0.01)
36.	Beta BHC	ppb	USEPA 8081 A	BDL(MDL:0.04)
37.	Gama BHC	ppb	USEPA 8081 A	BDL(MDL:2.0)
38.	OP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
39.	PP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
40.	Alpha Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
41.	Beta Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
42.	Dieldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
43.	2-4 D	ppb	USEPA 1699-2007	BDL(MDL:30.0)
44.	Aldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
45.	Chloropyriphos	ppb	USEPA 1699-2007	BDL(MDL:30.0)
46.	Carboryl (Carbamate)	ppb	USEPA 1699-2007	BDL(MDL:0.01)
47.	Methyl Parathin	ppb	USEPA 1699-2007	BDL(MDL:0.3)
48.	Anilophos	ppb	USEPA 1699-2007	BDL(MDL:0.01)
49.	Malathian	ppb	USEPA 8081 B	BDL(MDL:190.0)
50.	Total Coliform	MPN/ 100 ml	APHA:9221 B 23 rd Edition (Page: 9-69)	32
51.	Fecal Coliform	MPN/ 100 ml	APHA:9222 D 23 rd Edition (Page: 9-89)	16
52.	Fecal Streptococci	MPN/ 100 ml	IS:1622-1981 (R.A.-1996)	6

Statement of conformity:-

Remarks:

BDL: Below Detection Limit, MDL: Minimum Detection Limit

Mrs. Khushbu S. Gajjar
Technical Manager

Mr. Swastik R. Gajjar
Lab Manager(Q)

* End of Report *

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REPORT NUMBER: **EI/WW/1021/017**

DATE OF REPORT: **02-11-2021**

F/7.8/01/Issue No.01/Issue Date: 01-10-2018/ Amend No.:00 / Amend Date:-- / Page 2 of 2

TEST REPORT

REPORT NUMBER:EI/WW/1021/018**DATE OF REPORT: 02-11-2021****CLIENT NAME : POLLUTION CONTROL COMMITTEE,****Dadra and Nagar Haveli and Daman and Diu****ADDRESS : 1st Floor, Udyog Bhavan, Bhenslore, Daman- 396220,INDIA****SAMPLE DETAILS.**

Laboratory ID	: EI/WW/1021/018	Date of Sampling	: 27-10-2021
Sample Type	: Surface Water	Date of Sample Receipt	: 27-10-2021
Type of Sampling	: Grab	Sample Condition	: Good
Place of Sampling	: At Lawacha Temple	Quantity of Sample Received	: 5 Liter
Description (GPS)	: N 20°18'33.2", E 72°57'35.9"	Analysis Start Date	: 27-10-2021
Sampling Protocol / Standard	: IS3025 (Part 1):1987(R.A.2003)	Analysis End Date	: 02-11-2021
Sampling Conducted By	: SRG	Duration of Sampling	: -

Sl. No	PARAMETER	UNIT	TEST METHOD	RESULTS
1.	Temperature	°C	APHA:2550 B 23 rd Edition (Page: 2-74)	27.0
2.	pH @ 25°C	pH	APHA:4500 H ⁺ B 23 rd Edition (Page: 4-13)	7.93
3.	Conductivity	µs/cm	IS:3025 (Part-14)	221
4.	Dissolve Oxygen	mg/L	IS:3025 (Part-38)	7.6
5.	Biological Oxygen Demand	mg/L	IS:3025 (Part-44)(3 Days at 27°C)	BDL(MDL:1.0)
6.	Nitrate as N	mg/L	IS:3025 (Part-44)	BDL(MDL:0.1)
7.	Ammonia as N	mg/L	APHA:4500 NH ₃ -B-C 23 rd Edition (Page: 4-114)	BDL(MDL:2.0)
8.	Chemical Oxygen Demand	mg/L	APHA:5220 B 23 rd Edition (Page: 5-18)	BDL(MDL:2.0)
9.	Total Kjeldahl Nitrogen	mg/L	IS:3025 (Part-34)	BDL(MDL:2.0)
10.	Total Dissolve Solids	mg/L	APHA:2540 C 23 rd Edition (Page: 2-69)	109
11.	Total Fixed Solids	mg/L	IS:3025 (Part-18)	105
12.	Total Suspended Solids	mg/L	APHA:2540 B 23 rd Edition (Page: 2-70)	12
13.	Turbidity	NTU	IS:3025 (Part-10)	0.7
14.	Hardness	mg/L	IS:3025 (Part-21)	104
15.	Fluoride	mg/L	IS:3025 (Part-60)	0.33
16.	Boron	mg/L	IS:3025 (Part-57)	ND
17.	Chloride	mg/L	APHA:4500 Cl ⁻ B 23 rd Edition (Page: 4-75)	8.2
18.	Sulphate	mg/L	IS:3025 (Part-28)	9.4
19.	Total Alkalinity	mg/L	IS:3025 (Part-23)	57
20.	P-Alkalinity	mg/L	IS:3025 (Part-23)	BDL(MDL:4.0)
21.	Phosphate	mg/L	IS:3550 -1965	0.11
22.	Sodium	mg/L	IS:3025 (Part-45)	19.9
23.	Potassium	mg/L	IS:3025 (Part-45)	BDL(MDL:1.0)
24.	Calcium	mg/L	IS:3025 (Part-40)	33.167
25.	Magnesium	mg/L	IS:3025 (Part-46)	6.7
26.	Arsenic	mg/L	IS:3025 (Part-37)	BDL(MDL:0.01)

27.	Nickel	mg/L	IS:3025 (Part-54)	BDL(MDL:0.02)
28.	Copper	mg/L	IS:3025 (Part-42)	BDL(MDL:0.05)
29.	Mercury	mg/L	IS:3025 (Part-48)	BDL(MDL:0.001)
30.	Chromium	mg/L	IS:3025 (Part-52)	BDL(MDL:0.05)
31.	Cadmium	mg/L	IS:3025 (Part-41)	BDL(MDL:0.003)
32.	Zinc	mg/L	IS:3025 (Part-49)	BDL(MDL:0.05)
33.	Lead	mg/L	IS:3025 (Part-47)	BDL(MDL:0.01)
34.	Iron	mg/L	IS:3025 (Part-53)	BDL(MDL:0.01)
35.	Alpha BHC	ppb	USEPA 8081 A	BDL(MDL:0.01)
36.	Beta BHC	ppb	USEPA 8081 A	BDL(MDL:0.04)
37.	Gama BHC	ppb	USEPA 8081 A	BDL(MDL:2.0)
38.	OP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
39.	PP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
40.	Alpha Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
41.	Beta Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
42.	Dieldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
43.	2-4 D	ppb	USEPA 1699-2007	BDL(MDL:30.0)
44.	Aldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
45.	Chloropyriphos	ppb	USEPA 1699-2007	BDL(MDL:30.0)
46.	Carboryl (Carbamate)	ppb	USEPA 1699-2007	BDL(MDL:0.01)
47.	Methyl Parathin	ppb	USEPA 1699-2007	BDL(MDL:0.3)
48.	Anilophos	ppb	USEPA 1699-2007	BDL(MDL:0.01)
49.	Malathian	ppb	USEPA 8081 B	BDL(MDL:190.0)
50.	Total Coliform	MPN/ 100 ml	APHA:9221 B 23 rd Edition (Page: 9-69)	79
51.	Fecal Coliform	MPN/ 100 ml	APHA:9222 D 23 rd Edition (Page: 9-89)	38
52.	Fecal Streptococci	MPN/ 100 ml	IS:1622-1981 (R.A.-1996)	12

Statement of conformity:-

Remarks:

BDL: Below Detection Limit, MDL: Minimum Detection Limit

Mrs. Khushbu S. Gajjar
Technical Manager

Mr. Swastik R. Gajjar
Lab Manager(Q)

* End of Report *

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REPORT NUMBER:EI/WW/1021/018

DATE OF REPORT: 02-11-2021

F/7.8/01/Issue No.01/Issue Date: 01-10-2018/ Amend No.:00 / Amend Date:-- / Page 2 of 2

TEST REPORT

REPORT NUMBER: EI/WW/1021/019**DATE OF REPORT: 02-11-2021****CLIENT NAME : POLLUTION CONTROL COMMITTEE,****Dadra and Nagar Haveli and Daman and Diu****ADDRESS : 1st Floor, Udyog Bhavan, Bhenslore, Daman- 396220,INDIA****SAMPLE DETAILS.**

Laboratory ID : EI/WW/1021/019	Date of Sampling : 27-10-2021
Sample Type : Surface Water	Date of Sample Receipt : 27-10-2021
Type of Sampling : Grab	Sample Condition : Good
Place of Sampling : Near Surat Beverages, Dadra,DNH	Quantity of Sample Received : 5 Liter
Description (GPS) : N 20°18'33.2568" ,E72°57'35.8122"	Analysis Start Date : 27-10-2021
Sampling Protocol / Standard : IS3025 (Part 1):1987(R.A.2003)	Analysis End Date : 02-11-2021
Sampling Conducted By : SRG	Duration of Sampling : -

Sl. No	PARAMETER	UNIT	TEST METHOD	RESULTS
1.	Temperature	°C	APHA:2550 B 23 rd Edition (Page: 2-74)	27.4
2.	pH @ 25°C	pH	APHA:4500 H ⁺ B 23 rd Edition (Page: 4-13)	8.41
3.	Conductivity	µs/cm	IS:3025 (Part-14)	232
4.	Dissolve Oxygen	mg/L	IS:3025 (Part-38)	7.1
5.	Biological Oxygen Demand	mg/L	IS:3025 (Part-44)(3 Days at 27°C)	BDL(MDL:1.0)
6.	Nitrate as N	mg/L	IS:3025 (Part-44)	0.3
7.	Ammonia as N	mg/L	APHA:4500 NH ₃ -B-C 23 rd Edition (Page: 4-114)	BDL(MDL:2.0)
8.	Chemical Oxygen Demand	mg/L	APHA:5220 B 23 rd Edition (Page: 5-18)	BDL(MDL:2.0)
9.	Total Kjeldahl Nitrogen	mg/L	IS:3025 (Part-34)	BDL(MDL:2.0)
10.	Total Dissolve Solids	mg/L	APHA:2540 C 23 rd Edition (Page: 2-69)	113
11.	Total Fixed Solids	mg/L	IS:3025 (Part-18)	110
12.	Total Suspended Solids	mg/L	APHA:2540 B 23 rd Edition (Page: 2-70)	8
13.	Turbidity	NTU	IS:3025 (Part-10)	1.8
14.	Hardness	mg/L	IS:3025 (Part-21)	99
15.	Fluoride	mg/L	IS:3025 (Part-60)	BDL(MDL:0.1)
16.	Boron	mg/L	IS:3025 (Part-57)	ND
17.	Chloride	mg/L	APHA:4500 Cl ⁻ B 23 rd Edition (Page: 4-75)	9.7
18.	Sulphate	mg/L	IS:3025 (Part-28)	10.1
19.	Total Alkalinity	mg/L	IS:3025 (Part-23)	62
20.	P-Alkalinity	mg/L	IS:3025 (Part-23)	BDL(MDL:4.0)
21.	Phosphate	mg/L	IS:3550 -1965	BDL(MDL:0.1)
22.	Sodium	mg/L	IS:3025 (Part-45)	16.1
23.	Potassium	mg/L	IS:3025 (Part-45)	BDL(MDL:1.0)
24.	Calcium	mg/L	IS:3025 (Part-40)	24.91
25.	Magnesium	mg/L	IS:3025 (Part-46)	11.57

26.	Arsenic	mg/L	IS:3025 (Part-37)	BDL(MDL:0.01)
27.	Nickel	mg/L	IS:3025 (Part-54)	BDL(MDL:0.02)
28.	Copper	mg/L	IS:3025 (Part-42)	BDL(MDL:0.05)
29.	Mercury	mg/L	IS:3025 (Part-48)	BDL(MDL:0.001)
30.	Chromium	mg/L	IS:3025 (Part-52)	BDL(MDL:0.05)
31.	Cadmium	mg/L	IS:3025 (Part-41)	BDL(MDL:0.003)
32.	Zinc	mg/L	IS:3025 (Part-49)	BDL(MDL:0.05)
33.	Lead	mg/L	IS:3025 (Part-47)	BDL(MDL:0.01)
34.	Iron	mg/L	IS:3025 (Part-53)	BDL(MDL:0.01)
35.	Alpha BHC	ppb	USEPA 8081 A	BDL(MDL:0.01)
36.	Beta BHC	ppb	USEPA 8081 A	BDL(MDL:0.04)
37.	Gama BHC	ppb	USEPA 8081 A	BDL(MDL:2.0)
38.	OP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
39.	PP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
40.	Alpha Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
41.	Beta Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
42.	Dieldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
43.	2-4 D	ppb	USEPA 1699-2007	BDL(MDL:30.0)
44.	Aldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
45.	Chloropyriphos	ppb	USEPA 1699-2007	BDL(MDL:30.0)
46.	Carboryl (Carbamate)	ppb	USEPA 1699-2007	BDL(MDL:0.01)
47.	Methyl Parathin	ppb	USEPA 1699-2007	BDL(MDL:0.3)
48.	Anilophos	ppb	USEPA 1699-2007	BDL(MDL:0.01)
49.	Malathian	ppb	USEPA 8081 B	BDL(MDL:190.0)
50.	Total Coliform	MPN/ 100 ml	APHA:9221 B 23 rd Edition (Page: 9-69)	16
51.	Fecal Coliform	MPN/ 100 ml	APHA:9222 D 23 rd Edition (Page: 9-89)	7
52.	Fecal Streptococci	MPN/ 100 ml	IS:1622-1981 (R.A.-1996)	9

Statement of conformity:-

Remarks:

BDL: Below Detection Limit, MDL: Minimum Detection Limit

Mrs. Khushbu S. Gajjar
Technical Manager

Mr. Swastik R. Gajjar
Lab Manager(Q)

* End of Report *

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REPORT NUMBER: **EI/WW/1021/019**

DATE OF REPORT: **02-11-2021**

F/7.8/01/Issue No.01/Issue Date: 01-10-2018/ Amend No.:00 / Amend Date:-- / Page 2 of 2

TEST REPORT

REPORT NUMBER: EI/WW/1021/020**DATE OF REPORT: 02-11-2021****CLIENT NAME : POLLUTION CONTROL COMMITTEE,****Dadra and Nagar Haveli and Daman and Diu****ADDRESS : 1st Floor, Udyog Bhavan, Bhenslore, Daman- 396220,INDIA****SAMPLE DETAILS.**

Laboratory ID : EI/WW/1021/020	Date of Sampling : 27-10-2021
Sample Type : Surface Water	Date of Sample Receipt : 27-10-2021
Type of Sampling : Grab	Sample Condition : Good
Place of Sampling : At Vapi Weir, Vapi	Quantity of Sample Received : 5 Liter
Description (GPS) : N 20°20'23.42", E 72°54'34.49"	Analysis Start Date : 27-10-2021
Sampling Protocol / Standard : IS3025 (Part 1):1987(R.A.2003)	Analysis End Date : 02-11-2021
Sampling Conducted By : SRG	Duration of Sampling : -

Sl. No	PARAMETER	UNIT	TEST METHOD	RESULTS
1.	Temperature	°C	APHA:2550 B 23 rd Edition (Page: 2-74)	28.1
2.	pH @ 25°C	pH	APHA:4500 H ⁺ B 23 rd Edition (Page: 4-13)	8.20
3.	Conductivity	µs/cm	IS:3025 (Part-14)	187
4.	Dissolve Oxygen	mg/L	IS:3025 (Part-38)	5.9
5.	Biological Oxygen Demand	mg/L	IS:3025 (Part-44)(3 Days at 27°C)	12.31
6.	Nitrate as N	mg/L	IS:3025 (Part-44)	4
7.	Ammonia as N	mg/L	APHA:4500 NH ₃ -B-C 23 rd Edition (Page: 4-114)	BDL(MDL:2.0)
8.	Chemical Oxygen Demand	mg/L	APHA:5220 B 23 rd Edition (Page: 5-18)	52
9.	Total Kjeldahl Nitrogen	mg/L	IS:3025 (Part-34)	BDL(MDL:2.0)
10.	Total Dissolve Solids	mg/L	APHA:2540 C 23 rd Edition (Page: 2-69)	106
11.	Total Fixed Solids	mg/L	IS:3025 (Part-18)	121
12.	Total Suspended Solids	mg/L	APHA:2540 B 23 rd Edition (Page: 2-70)	13
13.	Turbidity	NTU	IS:3025 (Part-10)	1.4
14.	Hardness	mg/L	IS:3025 (Part-21)	107
15.	Fluoride	mg/L	IS:3025 (Part-60)	BDL(MDL:0.1)
16.	Boron	mg/L	IS:3025 (Part-57)	ND
17.	Chloride	mg/L	APHA:4500 Cl ⁻ B 23 rd Edition (Page: 4-75)	15.8
18.	Sulphate	mg/L	IS:3025 (Part-28)	68.3
19.	Total Alkalinity	mg/L	IS:3025 (Part-23)	65
20.	P-Alkalinity	mg/L	IS:3025 (Part-23)	BDL(MDL:4.0)
21.	Phosphate	mg/L	IS:3550 -1965	0.13
22.	Sodium	mg/L	IS:3025 (Part-45)	24.1
23.	Potassium	mg/L	IS:3025 (Part-45)	1.6
24.	Calcium	mg/L	IS:3025 (Part-40)	26.79
25.	Magnesium	mg/L	IS:3025 (Part-46)	8.90
26.	Arsenic	mg/L	IS:3025 (Part-37)	BDL(MDL:0.01)

27.	Nickel	mg/L	IS:3025 (Part-54)	BDL(MDL:0.02)
28.	Copper	mg/L	IS:3025 (Part-42)	BDL(MDL:0.05)
29.	Mercury	mg/L	IS:3025 (Part-48)	BDL(MDL:0.001)
30.	Chromium	mg/L	IS:3025 (Part-52)	BDL(MDL:0.05)
31.	Cadmium	mg/L	IS:3025 (Part-41)	BDL(MDL:0.003)
32.	Zinc	mg/L	IS:3025 (Part-49)	BDL(MDL:0.05)
33.	Lead	mg/L	IS:3025 (Part-47)	BDL(MDL:0.01)
34.	Iron	mg/L	IS:3025 (Part-53)	0.099
35.	Alpha BHC	ppb	USEPA 8081 A	BDL(MDL:0.01)
36.	Beta BHC	ppb	USEPA 8081 A	BDL(MDL:0.04)
37.	Gama BHC	ppb	USEPA 8081 A	BDL(MDL:2.0)
38.	OP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
39.	PP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
40.	Alpha Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
41.	Beta Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
42.	Dieldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
43.	2-4 D	ppb	USEPA 1699-2007	BDL(MDL:30.0)
44.	Aldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
45.	Chloropyriphos	ppb	USEPA 1699-2007	BDL(MDL:30.0)
46.	Carboryl (Carbamate)	ppb	USEPA 1699-2007	BDL(MDL:0.01)
47.	Methyl Parathin	ppb	USEPA 1699-2007	BDL(MDL:0.3)
48.	Anilophos	ppb	USEPA 1699-2007	BDL(MDL:0.01)
49.	Malathian	ppb	USEPA 8081 B	BDL(MDL:190.0)
50.	Total Coliform	MPN/ 100 ml	APHA:9221 B 23 rd Edition (Page: 9-69)	274
51.	Fecal Coliform	MPN/ 100 ml	APHA:9222 D 23 rd Edition (Page: 9-89)	79
52.	Fecal Streptococci	MPN/ 100 ml	IS:1622-1981 (R.A.-1996)	42

Statement of conformity:-

Remarks:

BDL: Below Detection Limit, MDL: Minimum Detection Limit

Mrs. Khushbu S. Gajjar
Technical Manager

Mr. Swastik R. Gajjar
Lab Manager(Q)

* End of Report *

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REPORT NUMBER: **EI/WW/1021/020**

DATE OF REPORT: **02-11-2021**

F/7.8/01/Issue No.01/Issue Date: 01-10-2018/ Amend No.:00 / Amend Date:-- / Page 2 of 2

TEST REPORT

REPORT NUMBER: EI/WW/1021/021**DATE OF REPORT: 02-11-2021****CLIENT NAME : POLLUTION CONTROL COMMITTEE,****Dadra and Nagar Haveli and Daman and Diu****ADDRESS : 1st Floor, Udyog Bhavan, Bhenslore, Daman- 396220,INDIA****SAMPLE DETAILS.**

Laboratory ID : EI/WW/1021/021	Date of Sampling : 27-10-2021
Sample Type : Surface Water	Date of Sample Receipt : 27-10-2021
Type of Sampling : Grab	Sample Condition : Good
Place of Sampling : At Namdha Village	Quantity of Sample Received : 5 Liter
Description (GPS) : N 20°21'45.8", E 72°52'52.3"	Analysis Start Date : 27-10-2021
Sampling Protocol / Standard : IS3025 (Part 1):1987(R.A.2003)	Analysis End Date : 02-11-2021
Sampling Conducted By : SRG	Duration of Sampling : -

Sl. No	PARAMETER	UNIT	TEST METHOD	RESULTS
1.	Temperature	°C	APHA:2550 B 23 rd Edition (Page: 2-74)	28.2
2.	pH @ 25°C	pH	APHA:4500 H ⁺ B 23 rd Edition (Page: 4-13)	8.1
3.	Conductivity	µs/cm	IS:3025 (Part-14)	443
4.	Dissolve Oxygen	mg/L	IS:3025 (Part-38)	4.4
5.	Biological Oxygen Demand	mg/L	IS:3025 (Part-44)(3 Days at 27°C)	13.93
6.	Nitrate as N	mg/L	IS:3025 (Part-44)	1.4
7.	Ammonia as N	mg/L	APHA:4500 NH ₃ -B-C 23 rd Edition (Page: 4-114)	2.7
8.	Chemical Oxygen Demand	mg/L	APHA:5220 B 23 rd Edition (Page: 5-18)	53
9.	Total Kjeldahl Nitrogen	mg/L	IS:3025 (Part-34)	15.9
10.	Total Dissolve Solids	mg/L	APHA:2540 C 23 rd Edition (Page: 2-69)	231
11.	Total Fixed Solids	mg/L	IS:3025 (Part-18)	120
12.	Total Suspended Solids	mg/L	APHA:2540 B 23 rd Edition (Page: 2-70)	23
13.	Turbidity	NTU	IS:3025 (Part-10)	1.6
14.	Hardness	mg/L	IS:3025 (Part-21)	134
15.	Fluoride	mg/L	IS:3025 (Part-60)	BDL(MDL:0.1)
16.	Boron	mg/L	IS:3025 (Part-57)	0.20
17.	Chloride	mg/L	APHA:4500 Cl ⁻ B 23 rd Edition (Page: 4-75)	138
18.	Sulphate	mg/L	IS:3025 (Part-28)	74.6
19.	Total Alkalinity	mg/L	IS:3025 (Part-23)	43
20.	P-Alkalinity	mg/L	IS:3025 (Part-23)	BDL(MDL:4.0)
21.	Phosphate	mg/L	IS:3550 -1965	0.2
22.	Sodium	mg/L	IS:3025 (Part-45)	119.6
23.	Potassium	mg/L	IS:3025 (Part-45)	6.8
24.	Calcium	mg/L	IS:3025 (Part-40)	30.94
25.	Magnesium	mg/L	IS:3025 (Part-46)	9.03
26.	Arsenic	mg/L	IS:3025 (Part-37)	BDL(MDL:0.01)

27.	Nickel	mg/L	IS:3025 (Part-54)	BDL(MDL:0.02)
28.	Copper	mg/L	IS:3025 (Part-42)	BDL(MDL:0.05)
29.	Mercury	mg/L	IS:3025 (Part-48)	BDL(MDL:0.001)
30.	Chromium	mg/L	IS:3025 (Part-52)	BDL(MDL:0.05)
31.	Cadmium	mg/L	IS:3025 (Part-41)	BDL(MDL:0.003)
32.	Zinc	mg/L	IS:3025 (Part-49)	BDL(MDL:0.05)
33.	Lead	mg/L	IS:3025 (Part-47)	BDL(MDL:0.01)
34.	Iron	mg/L	IS:3025 (Part-53)	0.710
35.	Alpha BHC	ppb	USEPA 8081 A	BDL(MDL:0.01)
36.	Beta BHC	ppb	USEPA 8081 A	BDL(MDL:0.04)
37.	Gama BHC	ppb	USEPA 8081 A	BDL(MDL:2.0)
38.	OP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
39.	PP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
40.	Alpha Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
41.	Beta Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
42.	Dieldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
43.	2-4 D	ppb	USEPA 1699-2007	BDL(MDL:30.0)
44.	Aldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
45.	Chloropyriphos	ppb	USEPA 1699-2007	BDL(MDL:30.0)
46.	Carboryl (Carbamate)	ppb	USEPA 1699-2007	BDL(MDL:0.01)
47.	Methyl Parathin	ppb	USEPA 1699-2007	BDL(MDL:0.3)
48.	Anilophos	ppb	USEPA 1699-2007	BDL(MDL:0.01)
49.	Malathian	ppb	USEPA 8081 B	BDL(MDL:190.0)
50.	Total Coliform	MPN/ 100 ml	APHA:9221 B 23 rd Edition (Page: 9-69)	560
51.	Fecal Coliform	MPN/ 100 ml	APHA:9222 D 23 rd Edition (Page: 9-89)	357
52.	Fecal Streptococci	MPN/ 100 ml	IS:1622-1981 (R.A.-1996)	48

Statement of conformity:-

Remarks:

BDL: Below Detection Limit, MDL: Minimum Detection Limit

Mrs. Khushbu S. Gajjar
Technical Manager

Mr. Swastik R. Gajjar
Lab Manager(Q)

* End of Report *

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REPORT NUMBER: **EI/WW/1021/021**

DATE OF REPORT:**02-11-2021**

F/7.8/01/Issue No.01/Issue Date: 01-10-2018/ Amend No.:00 / Amend Date:-- / Page 2 of 2

TEST REPORT

REPORT NUMBER:EI/WW/1021/022**DATE OF REPORT: 02-11-2021****CLIENT NAME : POLLUTION CONTROL COMMITTEE,****Dadra and Nagar Haveli and Daman and Diu****ADDRESS : 1st Floor, Udyog Bhavan, Bhenslore, Daman- 396220,INDIA****SAMPLE DETAILS.**

Laboratory ID	: EI/WW/1021/022	Date of Sampling	: 27-10-2021
Sample Type	: Surface Water	Date of Sample Receipt	: 27-10-2021
Type of Sampling	: Grab	Sample Condition	: Good
Place of Sampling	: At Zari Causeway,Kachigam	Quantity of Sample Received	: 5 Liter
Description (GPS)	: N 20°22'18.62", E 72°52'50.52"	Analysis Start Date	: 27-10-2021
Sampling Protocol / Standard	: IS3025 (Part 1):1987(R.A.2003)	Analysis End Date	: 02-11-2021
Sampling Conducted By	: SRG	Duration of Sampling	: -

Sl. No	PARAMETER	UNIT	TEST METHOD	RESULTS
1.	Temperature	°C	APHA:2550 B 23 rd Edition (Page: 2-74)	27.8
2.	pH @ 25°C	pH	APHA:4500 H ⁺ B 23 rd Edition (Page: 4-13)	8.1
3.	Conductivity	µs/cm	IS:3025 (Part-14)	3290
4.	Dissolve Oxygen	mg/L	IS:3025 (Part-38)	5.9
5.	Biological Oxygen Demand	mg/L	IS:3025 (Part-44)(3 Days at 27°C)	11.09
6.	Nitrate as N	mg/L	IS:3025 (Part-44)	0.5
7.	Ammonia as N	mg/L	APHA:4500 NH ₃ -B-C 23 rd Edition (Page: 4-114)	4.0
8.	Chemical Oxygen Demand	mg/L	APHA:5220 B 23 rd Edition (Page: 5-18)	42
9.	Total Kjeldahl Nitrogen	mg/L	IS:3025 (Part-34)	6.5
10.	Total Dissolve Solids	mg/L	APHA:2540 C 23 rd Edition (Page: 2-69)	2307
11.	Total Fixed Solids	mg/L	IS:3025 (Part-18)	1264
12.	Total Suspended Solids	mg/L	APHA:2540 B 23 rd Edition (Page: 2-70)	27
13.	Turbidity	NTU	IS:3025 (Part-10)	1.9
14.	Hardness	mg/L	IS:3025 (Part-21)	375
15.	Fluoride	mg/L	IS:3025 (Part-60)	BDL(MDL:0.1)
16.	Boron	mg/L	IS:3025 (Part-57)	0.22
17.	Chloride	mg/L	APHA:4500 Cl ⁻ B 23 rd Edition (Page: 4-75)	1420
18.	Sulphate	mg/L	IS:3025 (Part-28)	308
19.	Total Alkalinity	mg/L	IS:3025 (Part-23)	45
20.	P-Alkalinity	mg/L	IS:3025 (Part-23)	BDL(MDL:4.0)
21.	Phosphate	mg/L	IS:3550 -1965	3.8
22.	Sodium	mg/L	IS:3025 (Part-45)	761.1
23.	Potassium	mg/L	IS:3025 (Part-45)	25.2
24.	Calcium	mg/L	IS:3025 (Part-40)	33.17
25.	Magnesium	mg/L	IS:3025 (Part-46)	7.2
26.	Arsenic	mg/L	IS:3025 (Part-37)	BDL(MDL:0.01)

27.	Nickel	mg/L	IS:3025 (Part-54)	0.019
28.	Copper	mg/L	IS:3025 (Part-42)	BDL(MDL:0.05)
29.	Mercury	mg/L	IS:3025 (Part-48)	BDL(MDL:0.001)
30.	Chromium	mg/L	IS:3025 (Part-52)	BDL(MDL:0.05)
31.	Cadmium	mg/L	IS:3025 (Part-41)	BDL(MDL:0.003)
32.	Zinc	mg/L	IS:3025 (Part-49)	BDL(MDL:0.05)
33.	Lead	mg/L	IS:3025 (Part-47)	BDL(MDL:0.01)
34.	Iron	mg/L	IS:3025 (Part-53)	BDL(MDL:0.01)
35.	Alpha BHC	ppb	USEPA 8081 A	BDL(MDL:0.01)
36.	Beta BHC	ppb	USEPA 8081 A	BDL(MDL:0.04)
37.	Gama BHC	ppb	USEPA 8081 A	BDL(MDL:2.0)
38.	OP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
39.	PP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
40.	Alpha Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
41.	Beta Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
42.	Dieldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
43.	2-4 D	ppb	USEPA 1699-2007	BDL(MDL:30.0)
44.	Aldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
45.	Chloropyriphos	ppb	USEPA 1699-2007	BDL(MDL:30.0)
46.	Carboryl (Carbamate)	ppb	USEPA 1699-2007	BDL(MDL:0.01)
47.	Methyl Parathin	ppb	USEPA 1699-2007	BDL(MDL:0.3)
48.	Anilophos	ppb	USEPA 1699-2007	BDL(MDL:0.01)
49.	Malathian	ppb	USEPA 8081 B	BDL(MDL:190.0)
50.	Total Coliform	MPN/ 100 ml	APHA:9221 B 23 rd Edition (Page: 9-69)	868
51.	Fecal Coliform	MPN/ 100 ml	APHA:9222 D 23 rd Edition (Page: 9-89)	465
52.	Fecal Streptococci	MPN/ 100 ml	IS:1622-1981 (R.A.-1996)	141

Statement of conformity:-

Remarks:

BDL: Below Detection Limit, MDL: Minimum Detection Limit

Mrs. Khushbu S. Gajjar
Technical Manager

Mr. Swastik R. Gajjar
Lab Manager(Q)

* End of Report *

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REPORT NUMBER: **EI/WW/1021/022**

DATE OF REPORT: **02-11-2021**

F/7.8/01/Issue No.01/Issue Date: 01-10-2018/ Amend No.:00 / Amend Date:-- / Page 2 of 2

TEST REPORT

REPORT NUMBER:EI/WW/1021/023

DATE OF REPORT: 02-11-2021

CLIENT NAME : POLLUTION CONTROL COMMITTEE,

Dadra and Nagar Haveli and Daman and Diu

ADDRESS : 1st Floor, Udyog Bhavan, Bhenslore, Daman- 396220,INDIA

SAMPLE DETAILS.

Laboratory ID	: EI/WW/1021/023	Date of Sampling	: 27-10-2021
Sample Type	: Surface Water	Date of Sample Receipt	: 27-10-2021
Type of Sampling	: Grab	Sample Condition	: Good
Place of Sampling	: At D/s of Discharge Point of Distillery	Quantity of Sample Received	: 5 Liter
Description (GPS)	: N 20°24'0.18", E 72°50'3.1884"	Analysis Start Date	: 27-10-2021
Sampling Protocol / Standard	: IS3025 (Part 1):1987(R.A.2003)	Analysis End Date	: 02-11-2021
Sampling Conducted By	: SRG	Duration of Sampling	: -

Sl. No	PARAMETER	UNIT	TEST METHOD	RESULTS
1.	Temperature	°C	APHA:2550 B 23 rd Edition (Page: 2-74)	27.4
2.	pH @ 25°C	pH	APHA:4500 H ⁺ B 23 rd Edition (Page: 4-13)	6.94
3.	Conductivity	µs/cm	IS:3025 (Part-14)	16472
4.	Dissolve Oxygen	mg/L	IS:3025 (Part-38)	5.3
5.	Biological Oxygen Demand	mg/L	IS:3025 (Part-44)(3 Days at 27°C)	5.2
6.	Nitrate as N	mg/L	IS:3025 (Part-44)	0.4
7.	Ammonia as N	mg/L	APHA:4500 NH ₃ -B-C 23 rd Edition (Page: 4-114)	6.2
8.	Chemical Oxygen Demand	mg/L	APHA:5220 B 23 rd Edition (Page: 5-18)	29.8
9.	Total Kjeldahl Nitrogen	mg/L	IS:3025 (Part-34)	7.8
10.	Total Dissolve Solids	mg/L	APHA:2540 C 23 rd Edition (Page: 2-69)	10438
11.	Total Fixed Solids	mg/L	IS:3025 (Part-18)	6834
12.	Total Suspended Solids	mg/L	APHA:2540 B 23 rd Edition (Page: 2-70)	43
13.	Turbidity	NTU	IS:3025 (Part-10)	1.9
14.	Hardness	mg/L	IS:3025 (Part-21)	2417
15.	Fluoride	mg/L	IS:3025 (Part-60)	0.78
16.	Boron	mg/L	IS:3025 (Part-57)	1.22
17.	Chloride	mg/L	APHA:4500 Cl ⁻ B 23 rd Edition (Page: 4-75)	7563.19
18.	Sulphate	mg/L	IS:3025 (Part-28)	1347.05
19.	Total Alkalinity	mg/L	IS:3025 (Part-23)	154
20.	P-Alkalinity	mg/L	IS:3025 (Part-23)	BDL(MDL:4.0)
21.	Phosphate	mg/L	IS:3550 -1965	0.3
22.	Sodium	mg/L	IS:3025 (Part-45)	2785
23.	Potassium	mg/L	IS:3025 (Part-45)	124
24.	Calcium	mg/L	IS:3025 (Part-40)	173.5
25.	Magnesium	mg/L	IS:3025 (Part-46)	110.3

26.	Arsenic	mg/L	IS:3025 (Part-37)	BDL(MDL:0.01)
27.	Nickel	mg/L	IS:3025 (Part-54)	0.395
28.	Copper	mg/L	IS:3025 (Part-42)	BDL(MDL:0.05)
29.	Mercury	mg/L	IS:3025 (Part-48)	BDL(MDL:0.001)
30.	Chromium	mg/L	IS:3025 (Part-52)	0.088
31.	Cadmium	mg/L	IS:3025 (Part-41)	0.19
32.	Zinc	mg/L	IS:3025 (Part-49)	BDL(MDL:0.05)
33.	Lead	mg/L	IS:3025 (Part-47)	BDL(MDL:0.01)
34.	Iron	mg/L	IS:3025 (Part-53)	0.657
35.	Alpha BHC	ppb	USEPA 8081 A	BDL(MDL:0.01)
36.	Beta BHC	ppb	USEPA 8081 A	BDL(MDL:0.04)
37.	Gama BHC	ppb	USEPA 8081 A	BDL(MDL:2.0)
38.	OP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
39.	PP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
40.	Alpha Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
41.	Beta Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
42.	Dieldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
43.	2-4 D	ppb	USEPA 1699-2007	BDL(MDL:30.0)
44.	Aldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
45.	Chloropyriphos	ppb	USEPA 1699-2007	BDL(MDL:30.0)
46.	Carboryl (Carbamate)	ppb	USEPA 1699-2007	BDL(MDL:0.01)
47.	Methyl Parathin	ppb	USEPA 1699-2007	BDL(MDL:0.3)
48.	Anilophos	ppb	USEPA 1699-2007	BDL(MDL:0.01)
49.	Malathian	ppb	USEPA 8081 B	BDL(MDL:190.0)
50.	Total Coliform	MPN/ 100 ml	APHA:9221 B 23 rd Edition (Page: 9-69)	358
51.	Fecal Coliform	MPN/ 100 ml	APHA:9222 D 23 rd Edition (Page: 9-89)	43
52.	Fecal Streptococci	MPN/ 100 ml	IS:1622-1981 (R.A.-1996)	29

Statement of conformity:-

Remarks:

BDL: Below Detection Limit, MDL: Minimum Detection Limit

Mrs. Khushbu S. Gajjar
Technical Manager

Mr. Swastik R. Gajjar
Lab Manager(Q)

* End of Report *

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REPORT NUMBER: **EI/WW/1021/023**

DATE OF REPORT: **02-11-2021**

F/7.8/01/Issue No.01/Issue Date: 01-10-2018/ Amend No.:00 / Amend Date:-- / Page 2 of 2

TEST REPORT

REPORT NUMBER:EI/WW/1021/024**DATE OF REPORT: 02-11-2021****CLIENT NAME : POLLUTION CONTROL COMMITTEE,****Dadra and Nagar Haveli and Daman and Diu****ADDRESS : 1st Floor, Udyog Bhavan, Bhenslore, Daman- 396220,INDIA****SAMPLE DETAILS.**

Laboratory ID : EI/WW/1021/024	Date of Sampling : 27-10-2021
Sample Type : Surface Water	Date of Sample Receipt : 27-10-2021
Type of Sampling : Grab	Sample Condition : Good
Place of Sampling : At Moti Daman Jetty	Quantity of Sample Received : 5 Liter
Description (GPS) : N 20°24'40.18", E 72°50'3.19"	Analysis Start Date : 27-10-2021
Sampling Protocol / Standard : IS3025 (Part 1):1987(R.A.2003)	Analysis End Date : 02-11-2021
Sampling Conducted By : SRG	Duration of Sampling : -

Sl. No	PARAMETER	UNIT	TEST METHOD	RESULTS
1.	Temperature	°C	APHA:2550 B 23 rd Edition (Page: 2-74)	27.6
2.	pH @ 25°C	pH	APHA:4500 H ⁺ B 23 rd Edition (Page: 4-13)	8.0
3.	Conductivity	µs/cm	IS:3025 (Part-14)	23679
4.	Dissolve Oxygen	mg/L	IS:3025 (Part-38)	6.3
5.	Biological Oxygen Demand	mg/L	IS:3025 (Part-44)(3 Days at 27°C)	6.22
6.	Nitrate as N	mg/L	IS:3025 (Part-44)	0.9
7.	Ammonia as N	mg/L	APHA:4500 NH ₃ -B-C 23 rd Edition (Page: 4-114)	6.8
8.	Chemical Oxygen Demand	mg/L	APHA:5220 B 23 rd Edition (Page: 5-18)	11
9.	Total Kjeldahl Nitrogen	mg/L	IS:3025 (Part-34)	5.3
10.	Total Dissolve Solids	mg/L	APHA:2540 C 23 rd Edition (Page: 2-69)	14025
11.	Total Fixed Solids	mg/L	IS:3025 (Part-18)	9787
12.	Total Suspended Solids	mg/L	APHA:2540 B 23 rd Edition (Page: 2-70)	176
13.	Turbidity	NTU	IS:3025 (Part-10)	1.1
14.	Hardness	mg/L	IS:3025 (Part-21)	737
15.	Fluoride	mg/L	IS:3025 (Part-60)	BDL(MDL:0.1)
16.	Boron	mg/L	IS:3025 (Part-57)	0.27
17.	Chloride	mg/L	APHA:4500 Cl ⁻ B 23 rd Edition (Page: 4-75)	8588
18.	Sulphate	mg/L	IS:3025 (Part-28)	1273
19.	Total Alkalinity	mg/L	IS:3025 (Part-23)	81
20.	P-Alkalinity	mg/L	IS:3025 (Part-23)	BDL(MDL:4.0)
21.	Phosphate	mg/L	IS:3550 -1965	2.4
22.	Sodium	mg/L	IS:3025 (Part-45)	4482
23.	Potassium	mg/L	IS:3025 (Part-45)	227
24.	Calcium	mg/L	IS:3025 (Part-40)	158.17
25.	Magnesium	mg/L	IS:3025 (Part-46)	85.90
26.	Arsenic	mg/L	IS:3025 (Part-37)	BDL(MDL:0.01)

27.	Nickel	mg/L	IS:3025 (Part-54)	0.432
28.	Copper	mg/L	IS:3025 (Part-42)	0.085
29.	Mercury	mg/L	IS:3025 (Part-48)	BDL(MDL:0.001)
30.	Chromium	mg/L	IS:3025 (Part-52)	0.078
31.	Cadmium	mg/L	IS:3025 (Part-41)	0.287
32.	Zinc	mg/L	IS:3025 (Part-49)	0.05
33.	Lead	mg/L	IS:3025 (Part-47)	BDL(MDL:0.01)
34.	Iron	mg/L	IS:3025 (Part-53)	0.705
35.	Alpha BHC	ppb	USEPA 8081 A	BDL(MDL:0.01)
36.	Beta BHC	ppb	USEPA 8081 A	BDL(MDL:0.04)
37.	Gama BHC	ppb	USEPA 8081 A	BDL(MDL:2.0)
38.	OP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
39.	PP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
40.	Alpha Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
41.	Beta Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
42.	Dieldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
43.	2-4 D	ppb	USEPA 1699-2007	BDL(MDL:30.0)
44.	Aldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
45.	Chloropyriphos	ppb	USEPA 1699-2007	BDL(MDL:30.0)
46.	Carboryl (Carbamate)	ppb	USEPA 1699-2007	BDL(MDL:0.01)
47.	Methyl Parathin	ppb	USEPA 1699-2007	BDL(MDL:0.3)
48.	Anilophos	ppb	USEPA 1699-2007	BDL(MDL:0.01)
49.	Malathian	ppb	USEPA 8081 B	BDL(MDL:190.0)
50.	Total Coliform	MPN/ 100 ml	APHA:9221 B 23 rd Edition (Page: 9-69)	141
51.	Fecal Coliform	MPN/ 100 ml	APHA:9222 D 23 rd Edition (Page: 9-89)	45
52.	Fecal Streptococci	MPN/ 100 ml	IS:1622-1981 (R.A.-1996)	28

Statement of conformity:-

Remarks:

BDL: Below Detection Limit, MDL: Minimum Detection Limit

Mrs. Khushbu S. Gajjar
Technical Manager

Mr. Swastik R. Gajjar
Lab Manager(Q)

* End of Report *

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REPORT NUMBER: **EI/WW/1021/024**

DATE OF REPORT: **02-11-2021**

F/7.8/01/Issue No.01/Issue Date: 01-10-2018/ Amend No.:00 / Amend Date:-- / Page 2 of 2

TEST REPORT

REPORT NUMBER: EI/WW/1021/025**DATE OF REPORT: 02-11-2021****CLIENT NAME : POLLUTION CONTROL COMMITTEE,****Dadra and Nagar Haveli and Daman and Diu****ADDRESS : 1st Floor, Udyog Bhavan, Bhenslore, Daman- 396220,INDIA****SAMPLE DETAILS.**

Laboratory ID	: EI/WW/1021/025	Date of Sampling	: 27-10-2021
Sample Type	: Surface Water	Date of Sample Receipt	: 27-10-2021
Type of Sampling	: Grab	Sample Condition	: Good
Place of Sampling	: Outlet of CETP, Vapi	Quantity of Sample Received	: 5 Liter
Description (GPS)	: N 20°20'34.62"E72°54'20.38"	Analysis Start Date	: 27-10-2021
Sampling Protocol / Standard	: IS3025 (Part 1):1987(R.A.2003)	Analysis End Date	: 02-11-2021
Sampling Conducted By	: SRG	Duration of Sampling	: -

Sl. No	PARAMETER	UNIT	TEST METHOD	RESULTS
1.	Temperature	°C	APHA:2550 B 23 rd Edition (Page: 2-74)	28.1
2.	pH @ 25°C	pH	APHA:4500 H ⁺ B 23 rd Edition (Page: 4-13)	7.75
3.	Conductivity	µs/cm	IS:3025 (Part-14)	6257
4.	Dissolve Oxygen	mg/L	IS:3025 (Part-38)	4.8
5.	Biological Oxygen Demand	mg/L	IS:3025 (Part-44)(3 Days at 27°C)	18.02
6.	Nitrate as N	mg/L	IS:3025 (Part-44)	1.5
7.	Ammonia as N	mg/L	APHA:4500 NH ₃ -B-C 23 rd Edition (Page: 4-114)	16.5
8.	Chemical Oxygen Demand	mg/L	APHA:5220 B 23 rd Edition (Page: 5-18)	55.3
9.	Total Kjeldahl Nitrogen	mg/L	IS:3025 (Part-34)	46.8
10.	Total Dissolve Solids	mg/L	APHA:2540 C 23 rd Edition (Page: 2-69)	3695
11.	Total Fixed Solids	mg/L	IS:3025 (Part-18)	2806
12.	Total Suspended Solids	mg/L	APHA:2540 B 23 rd Edition (Page: 2-70)	39
13.	Turbidity	NTU	IS:3025 (Part-10)	2.2
14.	Hardness	mg/L	IS:3025 (Part-21)	1349
15.	Fluoride	mg/L	IS:3025 (Part-60)	BDL(MDL:0.1)
16.	Boron	mg/L	IS:3025 (Part-57)	0.3
17.	Chloride	mg/L	APHA:4500 Cl ⁻ B 23 rd Edition (Page: 4-75)	2712
18.	Sulphate	mg/L	IS:3025 (Part-28)	953
19.	Total Alkalinity	mg/L	IS:3025 (Part-23)	215
20.	P-Alkalinity	mg/L	IS:3025 (Part-23)	BDL(MDL:4.0)
21.	Phosphate	mg/L	IS:3550 -1965	2.9
22.	Sodium	mg/L	IS:3025 (Part-45)	968
23.	Potassium	mg/L	IS:3025 (Part-45)	39.3
24.	Calcium	mg/L	IS:3025 (Part-40)	247.47
25.	Magnesium	mg/L	IS:3025 (Part-46)	160.08
26.	Arsenic	mg/L	IS:3025 (Part-37)	BDL(MDL:0.01)

27.	Nickel	mg/L	IS:3025 (Part-54)	0.211
28.	Copper	mg/L	IS:3025 (Part-42)	BDL(MDL:0.05)
29.	Mercury	mg/L	IS:3025 (Part-48)	BDL(MDL:0.001)
30.	Chromium	mg/L	IS:3025 (Part-52)	BDL(MDL:0.05)
31.	Cadmium	mg/L	IS:3025 (Part-41)	0.032
32.	Zinc	mg/L	IS:3025 (Part-49)	0.15
33.	Lead	mg/L	IS:3025 (Part-47)	BDL(MDL:0.01)
34.	Iron	mg/L	IS:3025 (Part-53)	1.037
35.	Alpha BHC	ppb	USEPA 8081 A	BDL(MDL:0.01)
36.	Beta BHC	ppb	USEPA 8081 A	BDL(MDL:0.04)
37.	Gama BHC	ppb	USEPA 8081 A	BDL(MDL:2.0)
38.	OP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
39.	PP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
40.	Alpha Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
41.	Beta Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
42.	Dieldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
43.	2-4 D	ppb	USEPA 1699-2007	BDL(MDL:30.0)
44.	Aldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
45.	Chloropyriphos	ppb	USEPA 1699-2007	BDL(MDL:30.0)
46.	Carboryl (Carbamate)	ppb	USEPA 1699-2007	BDL(MDL:0.01)
47.	Methyl Parathin	ppb	USEPA 1699-2007	BDL(MDL:0.3)
48.	Anilophos	ppb	USEPA 1699-2007	BDL(MDL:0.01)
49.	Malathian	ppb	USEPA 8081 B	BDL(MDL:190.0)
50.	Total Coliform	MPN/ 100 ml	APHA:9221 B 23 rd Edition (Page: 9-69)	>1600
51.	Fecal Coliform	MPN/ 100 ml	APHA:9222 D 23 rd Edition (Page: 9-89)	917
52.	Fecal Streptococci	MPN/ 100 ml	IS:1622-1981 (R.A.-1996)	81

Statement of conformity:-

Remarks:

BDL: Below Detection Limit, MDL: Minimum Detection Limit

Mrs. Khushbu S. Gajjar
Technical Manager

Mr. Swastik R. Gajjar
Lab Manager(Q)

* End of Report *

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REPORT NUMBER: **EI/WW/1021/025**

DATE OF REPORT: **02-11-2021**

F/7.8/01/Issue No.01/Issue Date: 01-10-2018/ Amend No.:00 / Amend Date:-- / Page 2 of 2

TEST REPORT

REPORT NUMBER:EI/WW/1021/026**DATE OF REPORT: 02-11-2021****CLIENT NAME : POLLUTION CONTROL COMMITTEE,****Dadra and Nagar Haveli and Daman and Diu****ADDRESS : 1st Floor, Udyog Bhavan, Bhenslore, Daman- 396220,INDIA****SAMPLE DETAILS.**

Laboratory ID	: EI/WW/1021/026	Date of Sampling	: 27-10-2021
Sample Type	: Surface Water	Date of Sample Receipt	: 27-10-2021
Type of Sampling	: Grab	Sample Condition	: Good
Place of Sampling	: Outlet of GHCL,Bhilad	Quantity of Sample Received	: 5 Liter
Description (GPS)	: N 20°17'35.81"E72°53'49.31"	Analysis Start Date	: 27-10-2021
Sampling Protocol / Standard	: IS3025 (Part 1):1987(R.A.2003)	Analysis End Date	: 02-11-2021
Sampling Conducted By	: SRG	Duration of Sampling	: -

Sl. No	PARAMETER	UNIT	TEST METHOD	RESULTS
1.	Temperature	°C	APHA:2550 B 23 rd Edition (Page: 2-74)	28.3
2.	pH @ 25°C	pH	APHA:4500 H ⁺ B 23 rd Edition (Page: 4-13)	8.17
3.	Conductivity	µs/cm	IS:3025 (Part-14)	2411
4.	Dissolve Oxygen	mg/L	IS:3025 (Part-38)	6.1
5.	Biological Oxygen Demand	mg/L	IS:3025 (Part-44)(3 Days at 27°C)	16.73
6.	Nitrate as N	mg/L	IS:3025 (Part-44)	4.8
7.	Ammonia as N	mg/L	APHA:4500 NH ₃ -B-C 23 rd Edition (Page: 4-114)	14.8
8.	Chemical Oxygen Demand	mg/L	APHA:5220 B 23 rd Edition (Page: 5-18)	42.9
9.	Total Kjeldahl Nitrogen	mg/L	IS:3025 (Part-34)	13.3
10.	Total Dissolve Solids	mg/L	APHA:2540 C 23 rd Edition (Page: 2-69)	1529
11.	Total Fixed Solids	mg/L	IS:3025 (Part-18)	979
12.	Total Suspended Solids	mg/L	APHA:2540 B 23 rd Edition (Page: 2-70)	44
13.	Turbidity	NTU	IS:3025 (Part-10)	1.9
14.	Hardness	mg/L	IS:3025 (Part-21)	298
15.	Fluoride	mg/L	IS:3025 (Part-60)	BDL(MDL:0.1)
16.	Boron	mg/L	IS:3025 (Part-57)	ND
17.	Chloride	mg/L	APHA:4500 Cl ⁻ B 23 rd Edition (Page: 4-75)	291.3
18.	Sulphate	mg/L	IS:3025 (Part-28)	210.2
19.	Total Alkalinity	mg/L	IS:3025 (Part-23)	410
20.	P-Alkalinity	mg/L	IS:3025 (Part-23)	BDL(MDL:4.0)
21.	Phosphate	mg/L	IS:3550 -1965	2.4
22.	Sodium	mg/L	IS:3025 (Part-45)	407.8
23.	Potassium	mg/L	IS:3025 (Part-45)	31.7
24.	Calcium	mg/L	IS:3025 (Part-40)	63.10
25.	Magnesium	mg/L	IS:3025 (Part-46)	34.40
26.	Arsenic	mg/L	IS:3025 (Part-37)	BDL(MDL:0.01)

27.	Nickel	mg/L	IS:3025 (Part-54)	BDL(MDL:0.02)
28.	Copper	mg/L	IS:3025 (Part-42)	0.052
29.	Mercury	mg/L	IS:3025 (Part-48)	BDL(MDL:0.001)
30.	Chromium	mg/L	IS:3025 (Part-52)	BDL(MDL:0.05)
31.	Cadmium	mg/L	IS:3025 (Part-41)	0.053
32.	Zinc	mg/L	IS:3025 (Part-49)	BDL(MDL:0.05)
33.	Iron	mg/L	IS:3025 (Part-53)	BDL(MDL:0.01)
34.	Lead	mg/L	IS:3025 (Part-47)	0.620
35.	Alpha BHC	ppb	USEPA 8081 A	BDL(MDL:0.01)
36.	Beta BHC	ppb	USEPA 8081 A	BDL(MDL:0.04)
37.	Gama BHC	ppb	USEPA 8081 A	BDL(MDL:2.0)
38.	OP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
39.	PP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
40.	Alpha Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
41.	Beta Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
42.	Dieldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
43.	2-4 D	ppb	USEPA 1699-2007	BDL(MDL:30.0)
44.	Aldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
45.	Chloropyriphos	ppb	USEPA 1699-2007	BDL(MDL:30.0)
46.	Carboryl (Carbamate)	ppb	USEPA 1699-2007	BDL(MDL:0.01)
47.	Methyl Parathin	ppb	USEPA 1699-2007	BDL(MDL:0.3)
48.	Anilophos	ppb	USEPA 1699-2007	BDL(MDL:0.01)
49.	Malathian	ppb	USEPA 8081 B	BDL(MDL:190.0)
50.	Total Coliform	MPN/ 100 ml	APHA:9221 B 23 rd Edition (Page: 9-69)	>1600
51.	Fecal Coliform	MPN/ 100 ml	APHA:9222 D 23 rd Edition (Page: 9-89)	1600
52.	Fecal Streptococci	MPN/ 100 ml	IS:1622-1981 (R.A.-1996)	885

Statement of conformity:-

Remarks:

BDL: Below Detection Limit, MDL: Minimum Detection Limit

Mrs. Khushbu S. Gajjar
Technical Manager

Mr. Swastik R. Gajjar
Lab Manager(Q)

* End of Report *

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REPORT NUMBER: **EI/WW/1021/026**

DATE OF REPORT: **02-11-2021**

F/7.8/01/Issue No.01/Issue Date: 01-10-2018/ Amend No.:00 / Amend Date:-- / Page 2 of 2

TEST REPORT

REPORT NUMBER:EI/WW/1021/027**DATE OF REPORT: 02-09-2021****CLIENT NAME : POLLUTION CONTROL COMMITTEE,****Dadra and Nagar Haveli and Daman and Diu****ADDRESS : 1st Floor, Udyog Bhavan, Bhenslore, Daman- 396220,INDIA****SAMPLE DETAILS.**

Laboratory ID	: EI/WW/1021/027	Date of Sampling	: 27-10-2021
Sample Type	: Surface Water	Date of Sample Receipt	: 27-10-2021
Type of Sampling	: Grab	Sample Condition	: Good
Place of Sampling	: 100 meter Downstream of outlet of CETP, Vapi (from river)	Quantity of Sample Received	: 5 Liter
Description (GPS)	: N 20°20'31.52", E72°54'16.88"	Analysis Start Date	: 27-10-2021
Sampling Protocol / Standard	: IS3025 (Part 1):1987(R.A.2003)	Analysis End Date	: 02-11-2021
Sampling Conducted By	: SRG	Duration of Sampling	: -

Sl. No	PARAMETER	UNIT	TEST METHOD	RESULTS
1.	Temperature	°C	APHA:2550 B 23 rd Edition (Page: 2-74)	26.8
2.	pH @ 25°C	pH	APHA:4500 H ⁺ B 23 rd Edition (Page: 4-13)	7.06
3.	Conductivity	µs/cm	IS:3025 (Part-14)	712
4.	Dissolve Oxygen	mg/L	IS:3025 (Part-38)	5.9
5.	Biological Oxygen Demand	mg/L	IS:3025 (Part-44)(3 Days at 27°C)	3.35
6.	Nitrate as N	mg/L	IS:3025 (Part-44)	0.4
7.	Ammonia as N	mg/L	APHA:4500 NH ₃ -B-C 23 rd Edition (Page: 4-114)	8.30
8.	Chemical Oxygen Demand	mg/L	APHA:5220 B 23 rd Edition (Page: 5-18)	11.07
9.	Total Kjeldahl Nitrogen	mg/L	IS:3025 (Part-34)	13.80
10.	Total Dissolve Solids	mg/L	APHA:2540 C 23 rd Edition (Page: 2-69)	461
11.	Total Fixed Solids	mg/L	IS:3025 (Part-18)	332
12.	Total Suspended Solids	mg/L	APHA:2540 B 23 rd Edition (Page: 2-70)	16
13.	Turbidity	NTU	IS:3025 (Part-10)	0.7
14.	Hardness	mg/L	IS:3025 (Part-21)	229
15.	Fluoride	mg/L	IS:3025 (Part-60)	BDL(MDL:0.1)
16.	Boron	mg/L	IS:3025 (Part-57)	ND
17.	Chloride	mg/L	APHA:4500 Cl ⁻ B 23 rd Edition (Page: 4-75)	133.6
18.	Sulphate	mg/L	IS:3025 (Part-28)	112.2
19.	Total Alkalinity	mg/L	IS:3025 (Part-23)	82
20.	P-Alkalinity	mg/L	IS:3025 (Part-23)	BDL(MDL:4.0)
21.	Phosphate	mg/L	IS:3550 -1965	3.7
22.	Sodium	mg/L	IS:3025 (Part-45)	81.1
23.	Potassium	mg/L	IS:3025 (Part-45)	6.2
24.	Calcium	mg/L	IS:3025 (Part-40)	59.63

25.	Magnesium	mg/L	IS:3025 (Part-46)	18.13
26.	Arsenic	mg/L	IS:3025 (Part-37)	BDL(MDL:0.01)
27.	Nickel	mg/L	IS:3025 (Part-54)	BDL(MDL:0.02)
28.	Copper	mg/L	IS:3025 (Part-42)	BDL(MDL:0.05)
29.	Mercury	mg/L	IS:3025 (Part-48)	BDL(MDL:0.001)
30.	Chromium	mg/L	IS:3025 (Part-52)	BDL(MDL:0.05)
31.	Cadmium	mg/L	IS:3025 (Part-41)	BDL(MDL:0.003)
32.	Zinc	mg/L	IS:3025 (Part-49)	BDL(MDL:0.05)
33.	Lead	mg/L	IS:3025 (Part-47)	BDL(MDL:0.01)
34.	Iron	mg/L	IS:3025 (Part-53)	BDL(MDL:0.01)
35.	Alpha BHC	ppb	USEPA 8081 A	BDL(MDL:0.01)
36.	Beta BHC	ppb	USEPA 8081 A	BDL(MDL:0.04)
37.	Gama BHC	ppb	USEPA 8081 A	BDL(MDL:2.0)
38.	OP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
39.	PP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
40.	Alpha Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
41.	Beta Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
42.	Dieldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
43.	2-4 D	ppb	USEPA 1699-2007	BDL(MDL:30.0)
44.	Aldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
45.	Chloropyriphos	ppb	USEPA 1699-2007	BDL(MDL:30.0)
46.	Carboryl (Carbamate)	ppb	USEPA 1699-2007	BDL(MDL:0.01)
47.	Methyl Parathin	ppb	USEPA 1699-2007	BDL(MDL:0.3)
48.	Anilophos	ppb	USEPA 1699-2007	BDL(MDL:0.01)
49.	Malathian	ppb	USEPA 8081 B	BDL(MDL:190.0)
50.	Total Coliform	MPN/ 100 ml	APHA:9221 B 23 rd Edition (Page: 9-69)	>1600
51.	Fecal Coliform	MPN/ 100 ml	APHA:9222 D 23 rd Edition (Page: 9-89)	1600
52.	Fecal Streptococci	MPN/ 100 ml	IS:1622-1981 (R.A.-1996)	155

Statement of conformity:-

Remarks:

BDL: Below Detection Limit, MDL: Minimum Detection Limit

Mrs. Khushbu S. Gajjar
Technical Manager

Mr. Swastik R. Gajjar
Lab Manager(Q)

* End of Report *

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REPORT NUMBER: **EI/WW/1021/027**

DATE OF REPORT: **02-11-2021**

F/7.8/01/Issue No.01/Issue Date: 01-10-2018/ Amend No.:00 / Amend Date:-- / Page 2 of 2

TEST REPORT

REPORT NUMBER:EI/WW/1021/028**DATE OF REPORT: 02-11-2021****CLIENT NAME : POLLUTION CONTROL COMMITTEE,****Dadra and Nagar Haveli and Daman and Diu****ADDRESS : 1st Floor, Udyog Bhavan, Bhenslore, Daman- 396220,INDIA****SAMPLE DETAILS.**

Laboratory ID	: EI/WW/1021/028	Date of Sampling	: 27-10-2021
Sample Type	: Surface Water	Date of Sample Receipt	: 27-10-2021
Type of Sampling	: Grab	Sample Condition	: Good
Place of Sampling	: At Patalia Bridge(Kolak River)	Quantity of Sample Received	: 5 Liter
Description (GPS)	: N 21°53.0222', E 72°98.3165'	Analysis Start Date	: 27-10-2021
Sampling Protocol / Standard	: IS3025 (Part 1):1987(R.A.2003)	Analysis End Date	: 02-11-2021
Sampling Conducted By	: SRG	Duration of Sampling	: -

Sl. No	PARAMETER	UNIT	TEST METHOD	RESULTS
1.	Temperature	°C	APHA:2550 B 23 rd Edition (Page: 2-74)	27.9
2.	pH @ 25°C	pH	APHA:4500 H ⁺ B 23 rd Edition (Page: 4-13)	8.21
3.	Conductivity	µs/cm	IS:3025 (Part-14)	281
4.	Dissolve Oxygen	mg/L	IS:3025 (Part-38)	6.3
5.	Biological Oxygen Demand	mg/L	IS:3025 (Part-44)(3 Days at 27°C)	5.21
6.	Nitrate as N	mg/L	IS:3025 (Part-44)	0.4
7.	Ammonia as N	mg/L	APHA:4500 NH ₃ -B-C 23 rd Edition (Page: 4-114)	2.8
8.	Chemical Oxygen Demand	mg/L	APHA:5220 B 23 rd Edition (Page: 5-18)	18.6
9.	Total Kjeldahl Nitrogen	mg/L	IS:3025 (Part-34)	7.1
10.	Total Dissolve Solids	mg/L	APHA:2540 C 23 rd Edition (Page: 2-69)	203
11.	Total Fixed Solids	mg/L	IS:3025 (Part-18)	144
12.	Total Suspended Solids	mg/L	APHA:2540 B 23 rd Edition (Page: 2-70)	49
13.	Turbidity	NTU	IS:3025 (Part-10)	2.1
14.	Hardness	mg/L	IS:3025 (Part-21)	191
15.	Fluoride	mg/L	IS:3025 (Part-60)	BDL(MDL:0.1)
16.	Boron	mg/L	IS:3025 (Part-57)	ND
17.	Chloride	mg/L	APHA:4500 Cl ⁻ B 23 rd Edition (Page: 4-75)	63.4
18.	Sulphate	mg/L	IS:3025 (Part-28)	37.6
19.	Total Alkalinity	mg/L	IS:3025 (Part-23)	77
20.	P-Alkalinity	mg/L	IS:3025 (Part-23)	BDL(MDL:4.0)
21.	Phosphate	mg/L	IS:3550 -1965	0.59
22.	Sodium	mg/L	IS:3025 (Part-45)	591.10
23.	Potassium	mg/L	IS:3025 (Part-45)	25.9
24.	Calcium	mg/L	IS:3025 (Part-40)	49.75
25.	Magnesium	mg/L	IS:3025 (Part-46)	17.40
26.	Arsenic	mg/L	IS:3025 (Part-37)	BDL(MDL:0.01)

27.	Nickel	mg/L	IS:3025 (Part-54)	BDL(MDL:0.02)
28.	Copper	mg/L	IS:3025 (Part-42)	BDL(MDL:0.05)
29.	Mercury	mg/L	IS:3025 (Part-48)	BDL(MDL:0.001)
30.	Chromium	mg/L	IS:3025 (Part-52)	BDL(MDL:0.05)
31.	Cadmium	mg/L	IS:3025 (Part-41)	0.037
32.	Zinc	mg/L	IS:3025 (Part-49)	BDL(MDL:0.05)
33.	Lead	mg/L	IS:3025 (Part-47)	BDL(MDL:0.01)
34.	Iron	mg/L	IS:3025 (Part-53)	0.82
35.	Alpha BHC	ppb	USEPA 8081 A	BDL(MDL:0.01)
36.	Beta BHC	ppb	USEPA 8081 A	BDL(MDL:0.04)
37.	Gama BHC	ppb	USEPA 8081 A	BDL(MDL:2.0)
38.	OP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
39.	PP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
40.	Alpha Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
41.	Beta Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
42.	Dieldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
43.	2-4 D	ppb	USEPA 1699-2007	BDL(MDL:30.0)
44.	Aldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
45.	Chloropyriphos	ppb	USEPA 1699-2007	BDL(MDL:30.0)
46.	Carboryl (Carbamate)	ppb	USEPA 1699-2007	BDL(MDL:0.01)
47.	Methyl Parathin	ppb	USEPA 1699-2007	BDL(MDL:0.3)
48.	Anilophos	ppb	USEPA 1699-2007	BDL(MDL:0.01)
49.	Malathian	ppb	USEPA 8081 B	BDL(MDL:190.0)
50.	Total Coliform	MPN/ 100 ml	APHA:9221 B 23 rd Edition (Page: 9-69)	>1600
51.	Fecal Coliform	MPN/ 100 ml	APHA:9222 D 23 rd Edition (Page: 9-89)	1600
52.	Fecal Streptococci	MPN/ 100 ml	IS:1622-1981 (R.A.-1996)	247

Statement of conformity:-

Remarks:

BDL: Below Detection Limit, MDL: Minimum Detection Limit

Mrs. Khushbu S. Gajjar
Technical Manager

Mr. Swastik R. Gajjar
Lab Manager(Q)

* End of Report *

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REPORT NUMBER: **EI/WW/1021/028**

DATE OF REPORT: **02-10-2021**

F/7.8/01/Issue No.01/Issue Date: 01-10-2018/ Amend No.:00 / Amend Date:-- / Page 2 of 2

TEST REPORT

REPORT NUMBER:EI/WW/1021/029**DATE OF REPORT: 02-11-2021****CLIENT NAME : POLLUTION CONTROL COMMITTEE,****Dadra and Nagar Haveli and Daman and Diu****ADDRESS : 1st Floor, Udyog Bhavan, Bhenslore, Daman- 396220,INDIA****SAMPLE DETAILS.**

Laboratory ID	: EI/WW/1021/029	Date of Sampling	: 27-10-2021
Sample Type	: Surface Water	Date of Sample Receipt	: 27-10-2021
Type of Sampling	: Grab	Sample Condition	: Good
Place of Sampling	: At N.H.No.8,Vapi (Kolak River)	Quantity of Sample Received	: 5 Liter
Description (GPS)	: N 20°25'24.2", E72°54'57.28"	Analysis Start Date	: 27-10-2021
Sampling Protocol / Standard	: IS3025 (Part 1):1987(R.A.2003)	Analysis End Date	: 02-11-2021
Sampling Conducted By	: SRG	Duration of Sampling	: -

Sl. No	PARAMETER	UNIT	TEST METHOD	RESULTS
1.	Temperature	°C	APHA:2550 B 23 rd Edition (Page: 2-74)	28.1
2.	pH @ 25°C	pH	APHA:4500 H ⁺ B 23 rd Edition (Page: 4-13)	7.35
3.	Conductivity	µs/cm	IS:3025 (Part-14)	293
4.	Dissolve Oxygen	mg/L	IS:3025 (Part-38)	6.9
5.	Biological Oxygen Demand	mg/L	IS:3025 (Part-44)(3 Days at 27°C)	5.77
6.	Nitrate as N	mg/L	IS:3025 (Part-44)	0.6
7.	Ammonia as N	mg/L	APHA:4500 NH ₃ -B-C 23 rd Edition (Page: 4-114)	BDL(MDL:2.0)
8.	Chemical Oxygen Demand	mg/L	APHA:5220 B 23 rd Edition (Page: 5-18)	15.8
9.	Total Kjeldahl Nitrogen	mg/L	IS:3025 (Part-34)	BDL(MDL:2.0)
10.	Total Dissolve Solids	mg/L	APHA:2540 C 23 rd Edition (Page: 2-69)	194
11.	Total Fixed Solids	mg/L	IS:3025 (Part-18)	117
12.	Total Suspended Solids	mg/L	APHA:2540 B 23 rd Edition (Page: 2-70)	7
13.	Turbidity	NTU	IS:3025 (Part-10)	1.5
14.	Hardness	mg/L	IS:3025 (Part-21)	131
15.	Fluoride	mg/L	IS:3025 (Part-60)	BDL(MDL:0.1)
16.	Boron	mg/L	IS:3025 (Part-57)	ND
17.	Chloride	mg/L	APHA:4500 Cl ⁻ B 23 rd Edition (Page: 4-75)	13.9
18.	Sulphate	mg/L	IS:3025 (Part-28)	79
19.	Total Alkalinity	mg/L	IS:3025 (Part-23)	87
20.	P-Alkalinity	mg/L	IS:3025 (Part-23)	BDL(MDL:4.0)
21.	Phosphate	mg/L	IS:3550 -1965	0.35
22.	Sodium	mg/L	IS:3025 (Part-45)	11.33
23.	Potassium	mg/L	IS:3025 (Part-45)	BDL(MDL:1.0)
24.	Calcium	mg/L	IS:3025 (Part-40)	34.09
25.	Magnesium	mg/L	IS:3025 (Part-46)	9.08

26.	Arsenic	mg/L	IS:3025 (Part-37)	BDL(MDL:0.01)
27.	Nickel	mg/L	IS:3025 (Part-54)	BDL(MDL:0.02)
28.	Copper	mg/L	IS:3025 (Part-42)	BDL(MDL:0.05)
29.	Mercury	mg/L	IS:3025 (Part-48)	BDL(MDL:0.001)
30.	Chromium	mg/L	IS:3025 (Part-52)	BDL(MDL:0.05)
31.	Cadmium	mg/L	IS:3025 (Part-41)	BDL(MDL:0.003)
32.	Zinc	mg/L	IS:3025 (Part-49)	BDL(MDL:0.05)
33.	Lead	mg/L	IS:3025 (Part-47)	BDL(MDL:0.01)
34.	Iron	mg/L	IS:3025 (Part-53)	0.210
35.	Alpha BHC	ppb	USEPA 8081 A	BDL(MDL:0.01)
36.	Beta BHC	ppb	USEPA 8081 A	BDL(MDL:0.04)
37.	Gama BHC	ppb	USEPA 8081 A	BDL(MDL:2.0)
38.	OP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
39.	PP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
40.	Alpha Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
41.	Beta Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
42.	Dieldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
43.	2-4 D	ppb	USEPA 1699-2007	BDL(MDL:30.0)
44.	Aldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
45.	Chloropyriphos	ppb	USEPA 1699-2007	BDL(MDL:30.0)
46.	Carboryl (Carbamate)	ppb	USEPA 1699-2007	BDL(MDL:0.01)
47.	Methyl Parathin	ppb	USEPA 1699-2007	BDL(MDL:0.3)
48.	Anilophos	ppb	USEPA 1699-2007	BDL(MDL:0.01)
49.	Malathian	ppb	USEPA 8081 B	BDL(MDL:190.0)
50.	Total Coliform	MPN/ 100 ml	APHA:9221 B 23 rd Edition (Page: 9-69)	271
51.	Fecal Coliform	MPN/ 100 ml	APHA:9222 D 23 rd Edition (Page: 9-89)	135
52.	Fecal Streptococci	MPN/ 100 ml	IS:1622-1981 (R.A.-1996)	32

Statement of conformity:-

Remarks:

BDL: Below Detection Limit, MDL: Minimum Detection Limit

Mrs. Khushbu S. Gajjar
Technical Manager

Mr. Swastik R. Gajjar
Lab Manager(Q)

* End of Report *

- 1) The results relate only to the items tested.
- 2) This test report shall not be reproduced except in full, without approval of the laboratory can provide assurance that parts of a report are not taken out of context.

REPORT NUMBER: **EI/WW/1021/029**

DATE OF REPORT: **02-11-2021**

F/7.8/01/Issue No.01/Issue Date: 01-10-2018/ Amend No.:00 / Amend Date:-- / Page 2 of 2

TEST REPORT

REPORT NUMBER:EI/WW/1121/024**DATE OF REPORT: 07-12-2021****CLIENT NAME : POLLUTION CONTROL COMMITTEE,****Dadra and Nagar Haveli and Daman and Diu****ADDRESS : 1st Floor, Udyog Bhavan, Bhenslore, Daman- 396220,INDIA****SAMPLE DETAILS.**

Laboratory ID : EI/WW/1121/024	Date of Sampling : 30-11-2021
Sample Type : Surface Water	Date of Sample Receipt : 30-11-2021
Type of Sampling : Grab	Sample Condition : Good
Place of Sampling : D/s of Madhuban Dam	Quantity of Sample Received : 5 Liter
Description (GPS) : N 20°12'57", E 73°2'29"	Analysis Start Date : 30-11-2021
Sampling Protocol / Standard : IS3025 (Part 1):1987(R.A.2003)	Analysis End Date : 07-12-2021
Sampling Conducted By : SRG	Duration of Sampling : -

Sl. No	PARAMETER	UNIT	TEST METHOD	RESULTS
1.	Temperature	°C	APHA:2550 B 23 rd Edition (Page: 2-74)	27.8
2.	pH @ 25°C	pH	APHA:4500 H ⁺ B 23 rd Edition (Page: 4-13)	7.9
3.	Conductivity	µs/cm	IS:3025 (Part-14)	194
4.	Dissolve Oxygen	mg/L	IS:3025 (Part-38)	7.1
5.	Biological Oxygen Demand	mg/L	IS:3025 (Part-44)(3 Days at 27°C)	BDL(MDL:1.0)
6.	Nitrate as N	mg/L	IS:3025 (Part-44)	BDL(MDL:0.1)
7.	Ammonia as N	mg/L	APHA:4500 NH ₃ -B-C 23 rd Edition (Page: 4-114)	BDL(MDL:2.0)
8.	Chemical Oxygen Demand	mg/L	APHA:5220 B 23 rd Edition (Page: 5-18)	BDL(MDL:2.0)
9.	Total Kjeldahl Nitrogen	mg/L	IS:3025 (Part-34)	BDL(MDL:2.0)
10.	Total Dissolve Solids	mg/L	APHA:2540 C 23 rd Edition (Page: 2-69)	121
11.	Total Fixed Solids	mg/L	IS:3025 (Part-18)	97
12.	Total Suspended Solids	mg/L	APHA:2540 B 23 rd Edition (Page: 2-70)	BDL(MDL:4.0)
13.	Turbidity	NTU	IS:3025 (Part-10)	0.8
14.	Hardness	mg/L	IS:3025 (Part-21)	83
15.	Fluoride	mg/L	IS:3025 (Part-60)	BDL(MDL:0.1)
16.	Boron	mg/L	IS:3025 (Part-57)	ND
17.	Chloride	mg/L	APHA:4500 Cl ⁻ B 23 rd Edition (Page: 4-75)	4.6
18.	Sulphate	mg/L	IS:3025 (Part-28)	5.1
19.	Total Alkalinity	mg/L	IS:3025 (Part-23)	52
20.	P-Alkalinity	mg/L	IS:3025 (Part-23)	BDL(MDL:4.0)
21.	Phosphate	mg/L	IS:3550 -1965	BDL(MDL:0.1)
22.	Sodium	mg/L	IS:3025 (Part-45)	14.6
23.	Potassium	mg/L	IS:3025 (Part-45)	BDL(MDL:1.0)
24.	Calcium	mg/L	IS:3025 (Part-40)	24.023
25.	Magnesium	mg/L	IS:3025 (Part-46)	7.1
26.	Arsenic	mg/L	IS:3025 (Part-37)	BDL(MDL:0.01)

27.	Nickel	mg/L	IS:3025 (Part-54)	BDL(MDL:0.02)
28.	Copper	mg/L	IS:3025 (Part-42)	BDL(MDL:0.05)
29.	Mercury	mg/L	IS:3025 (Part-48)	BDL(MDL:0.001)
30.	Chromium	mg/L	IS:3025 (Part-52)	BDL(MDL:0.05)
31.	Cadmium	mg/L	IS:3025 (Part-41)	BDL(MDL:0.003)
32.	Zinc	mg/L	IS:3025 (Part-49)	BDL(MDL:0.05)
33.	Lead	mg/L	IS:3025 (Part-47)	BDL(MDL:0.01)
34.	Iron	mg/L	IS:3025 (Part-53)	BDL(MDL:0.01)
35.	Alpha BHC	ppb	USEPA 8081 A	BDL(MDL:0.01)
36.	Beta BHC	ppb	USEPA 8081 A	BDL(MDL:0.04)
37.	Gama BHC	ppb	USEPA 8081 A	BDL(MDL:2.0)
38.	OP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
39.	PP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
40.	Alpha Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
41.	Beta Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
42.	Dieldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
43.	2-4 D	ppb	USEPA 1699-2007	BDL(MDL:30.0)
44.	Aldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
45.	Chloropyriphos	ppb	USEPA 1699-2007	BDL(MDL:30.0)
46.	Carboryl (Carbamate)	ppb	USEPA 1699-2007	BDL(MDL:0.01)
47.	Methyl Parathin	ppb	USEPA 1699-2007	BDL(MDL:0.3)
48.	Anilophos	ppb	USEPA 1699-2007	BDL(MDL:0.01)
49.	Malathian	ppb	USEPA 8081 B	BDL(MDL:190.0)
50.	Total Coliform	MPN/ 100 ml	APHA:9221 B 23 rd Edition (Page: 9-69)	39
51.	Fecal Coliform	MPN/ 100 ml	APHA:9222 D 23 rd Edition (Page: 9-89)	9
52.	Fecal Streptococci	MPN/ 100 ml	IS:1622-1981 (R.A.-1996)	7

Statement of conformity:-

Remarks:

BDL: Below Detection Limit, MDL: Minimum Detection Limit

Mrs. Khushbu S. Gajjar
Technical Manager

Mr. Swastik R. Gajjar
Lab Manager(Q)

* End of Report *

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REPORT NUMBER:EI/WW/1121/024

DATE OF REPORT: 07-12-2021

F/7.8/01/Issue No.01/Issue Date: 01-10-2018/ Amend No.:00 / Amend Date:-- / Page 2 of 2

TEST REPORT

REPORT NUMBER: EI/WW/1121/025

DATE OF REPORT: 07-12-2021

CLIENT NAME : POLLUTION CONTROL COMMITTEE,

Dadra and Nagar Haveli and Daman and Diu

ADDRESS : 1st Floor, Udyog Bhavan, Bhenslore, Daman- 396220,INDIA

SAMPLE DETAILS.

Laboratory ID : EI/WW/1121/025	Date of Sampling : 30-11-2021
Sample Type : Surface Water	Date of Sample Receipt : 30-11-2021
Type of Sampling : Grab	Sample Condition : Good
Place of Sampling : D/s of Naroli Bridge,Silvassa,DNH	Quantity of Sample Received : 5 Liter
Description (GPS) : N 20°16'7", E 72°59'21"	Analysis Start Date : 30-11-2021
Sampling Protocol / Standard : IS3025 (Part 1):1987(R.A.2003)	Analysis End Date : 07-12-2021
Sampling Conducted By : SRG	Duration of Sampling : -

Sl. No	PARAMETER	UNIT	TEST METHOD	RESULTS
1.	Temperature	°C	APHA:2550 B 23 rd Edition (Page: 2-74)	26.5
2.	pH @ 25°C	pH	APHA:4500 H ⁺ B 23 rd Edition (Page: 4-13)	7.7
3.	Conductivity	µs/cm	IS:3025 (Part-14)	199
4.	Dissolve Oxygen	mg/L	IS:3025 (Part-38)	7.1
5.	Biological Oxygen Demand	mg/L	IS:3025 (Part-44)(3 Days at 27°C)	BDL(MDL:1.0)
6.	Nitrate as N	mg/L	IS:3025 (Part-44)	0.3
7.	Ammonia as N	mg/L	APHA:4500 NH ₃ -B-C 23 rd Edition (Page: 4-114)	BDL(MDL:2.0)
8.	Chemical Oxygen Demand	mg/L	APHA:5220 B 23 rd Edition (Page: 5-18)	BDL(MDL:2.0)
9.	Total Kjeldahl Nitrogen	mg/L	IS:3025 (Part-34)	BDL(MDL:2.0)
10.	Total Dissolve Solids	mg/L	APHA:2540 C 23 rd Edition (Page: 2-69)	118
11.	Total Fixed Solids	mg/L	IS:3025 (Part-18)	100
12.	Total Suspended Solids	mg/L	APHA:2540 B 23 rd Edition (Page: 2-70)	11
13.	Turbidity	NTU	IS:3025 (Part-10)	1.0
14.	Hardness	mg/L	IS:3025 (Part-21)	77
15.	Fluoride	mg/L	IS:3025 (Part-60)	BDL(MDL:0.1)
16.	Boron	mg/L	IS:3025 (Part-57)	ND
17.	Chloride	mg/L	APHA:4500 Cl ⁻ B 23 rd Edition (Page: 4-75)	7.6
18.	Sulphate	mg/L	IS:3025 (Part-28)	6.3
19.	Total Alkalinity	mg/L	IS:3025 (Part-23)	52
20.	P-Alkalinity	mg/L	IS:3025 (Part-23)	BDL(MDL:4.0)
21.	Phosphate	mg/L	IS:3550 -1965	BDL(MDL:0.1)
22.	Sodium	mg/L	IS:3025 (Part-45)	18.8
23.	Potassium	mg/L	IS:3025 (Part-45)	BDL(MDL:1.0)
24.	Calcium	mg/L	IS:3025 (Part-40)	24.1
25.	Magnesium	mg/L	IS:3025 (Part-46)	5.5

26.	Arsenic	mg/L	IS:3025 (Part-37)	BDL(MDL:0.01)
27.	Nickel	mg/L	IS:3025 (Part-54)	BDL(MDL:0.02)
28.	Copper	mg/L	IS:3025 (Part-42)	BDL(MDL:0.05)
29.	Mercury	mg/L	IS:3025 (Part-48)	BDL(MDL:0.001)
30.	Chromium	mg/L	IS:3025 (Part-52)	BDL(MDL:0.05)
31.	Cadmium	mg/L	IS:3025 (Part-41)	BDL(MDL:0.003)
32.	Zinc	mg/L	IS:3025 (Part-49)	0.53
33.	Lead	mg/L	IS:3025 (Part-47)	BDL(MDL:0.01)
34.	Iron	mg/L	IS:3025 (Part-53)	BDL(MDL:0.01)
35.	Alpha BHC	ppb	USEPA 8081 A	BDL(MDL:0.01)
36.	Beta BHC	ppb	USEPA 8081 A	BDL(MDL:0.04)
37.	Gama BHC	ppb	USEPA 8081 A	BDL(MDL:2.0)
38.	OP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
39.	PP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
40.	Alpha Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
41.	Beta Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
42.	Dieldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
43.	2-4 D	ppb	USEPA 1699-2007	BDL(MDL:30.0)
44.	Aldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
45.	Chloropyriphos	ppb	USEPA 1699-2007	BDL(MDL:30.0)
46.	Carboryl (Carbamate)	ppb	USEPA 1699-2007	BDL(MDL:0.01)
47.	Methyl Parathin	ppb	USEPA 1699-2007	BDL(MDL:0.3)
48.	Anilophos	ppb	USEPA 1699-2007	BDL(MDL:0.01)
49.	Malathian	ppb	USEPA 8081 B	BDL(MDL:190.0)
50.	Total Coliform	MPN/ 100 ml	APHA:9221 B 23 rd Edition (Page: 9-69)	36
51.	Fecal Coliform	MPN/ 100 ml	APHA:9222 D 23 rd Edition (Page: 9-89)	12
52.	Fecal Streptococci	MPN/ 100 ml	IS:1622-1981 (R.A.-1996)	6

Statement of conformity:-

Remarks:

BDL: Below Detection Limit, MDL: Minimum Detection Limit

Mrs. Khushbu S. Gajjar
Technical Manager

Mr. Swastik R. Gajjar
Lab Manager(Q)

* End of Report *

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REPORT NUMBER: **EI/WW/1121/025**

DATE OF REPORT: **07-12-2021**

F/7.8/01/Issue No.01/Issue Date: 01-10-2018/ Amend No.:00 / Amend Date:-- / Page 2 of 2

TEST REPORT

REPORT NUMBER: EI/WW/1121/026**DATE OF REPORT: 07-12-2021****CLIENT NAME : POLLUTION CONTROL COMMITTEE,****Dadra and Nagar Haveli and Daman and Diu****ADDRESS : 1st Floor, Udyog Bhavan, Bhenslore, Daman- 396220,INDIA****SAMPLE DETAILS.**

Laboratory ID : EI/WW/1121/026	Date of Sampling : 30-11-2021
Sample Type : Surface Water	Date of Sample Receipt : 30-11-2021
Type of Sampling : Grab	Sample Condition : Good
Place of Sampling : At Lawacha Temple	Quantity of Sample Received : 5 Liter
Description (GPS) : N 20°18'33.2", E 72°57'35.9"	Analysis Start Date : 30-11-2021
Sampling Protocol / Standard : IS3025 (Part 1):1987(R.A.2003)	Analysis End Date : 07-12-2021
Sampling Conducted By : SRG	Duration of Sampling : -

Sl. No	PARAMETER	UNIT	TEST METHOD	RESULTS
1.	Temperature	°C	APHA:2550 B 23 rd Edition (Page: 2-74)	26.8
2.	pH @ 25°C	pH	APHA:4500 H ⁺ B 23 rd Edition (Page: 4-13)	8.13
3.	Conductivity	µs/cm	IS:3025 (Part-14)	227
4.	Dissolve Oxygen	mg/L	IS:3025 (Part-38)	7.1
5.	Biological Oxygen Demand	mg/L	IS:3025 (Part-44)(3 Days at 27°C)	BDL(MDL:1.0)
6.	Nitrate as N	mg/L	IS:3025 (Part-44)	BDL(MDL:0.1)
7.	Ammonia as N	mg/L	APHA:4500 NH ₃ -B-C 23 rd Edition (Page: 4-114)	BDL(MDL:2.0)
8.	Chemical Oxygen Demand	mg/L	APHA:5220 B 23 rd Edition (Page: 5-18)	BDL(MDL:2.0)
9.	Total Kjeldahl Nitrogen	mg/L	IS:3025 (Part-34)	BDL(MDL:2.0)
10.	Total Dissolve Solids	mg/L	APHA:2540 C 23 rd Edition (Page: 2-69)	105
11.	Total Fixed Solids	mg/L	IS:3025 (Part-18)	103
12.	Total Suspended Solids	mg/L	APHA:2540 B 23 rd Edition (Page: 2-70)	14
13.	Turbidity	NTU	IS:3025 (Part-10)	0.6
14.	Hardness	mg/L	IS:3025 (Part-21)	96
15.	Fluoride	mg/L	IS:3025 (Part-60)	0.30
16.	Boron	mg/L	IS:3025 (Part-57)	ND
17.	Chloride	mg/L	APHA:4500 Cl ⁻ B 23 rd Edition (Page: 4-75)	8.8
18.	Sulphate	mg/L	IS:3025 (Part-28)	9.1
19.	Total Alkalinity	mg/L	IS:3025 (Part-23)	55
20.	P-Alkalinity	mg/L	IS:3025 (Part-23)	BDL(MDL:4.0)
21.	Phosphate	mg/L	IS:3550 -1965	0.14
22.	Sodium	mg/L	IS:3025 (Part-45)	20.3
23.	Potassium	mg/L	IS:3025 (Part-45)	BDL(MDL:1.0)
24.	Calcium	mg/L	IS:3025 (Part-40)	33.549
25.	Magnesium	mg/L	IS:3025 (Part-46)	5.8
26.	Arsenic	mg/L	IS:3025 (Part-37)	BDL(MDL:0.01)

27.	Nickel	mg/L	IS:3025 (Part-54)	BDL(MDL:0.02)
28.	Copper	mg/L	IS:3025 (Part-42)	BDL(MDL:0.05)
29.	Mercury	mg/L	IS:3025 (Part-48)	BDL(MDL:0.001)
30.	Chromium	mg/L	IS:3025 (Part-52)	BDL(MDL:0.05)
31.	Cadmium	mg/L	IS:3025 (Part-41)	BDL(MDL:0.003)
32.	Zinc	mg/L	IS:3025 (Part-49)	BDL(MDL:0.05)
33.	Lead	mg/L	IS:3025 (Part-47)	BDL(MDL:0.01)
34.	Iron	mg/L	IS:3025 (Part-53)	BDL(MDL:0.01)
35.	Alpha BHC	ppb	USEPA 8081 A	BDL(MDL:0.01)
36.	Beta BHC	ppb	USEPA 8081 A	BDL(MDL:0.04)
37.	Gama BHC	ppb	USEPA 8081 A	BDL(MDL:2.0)
38.	OP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
39.	PP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
40.	Alpha Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
41.	Beta Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
42.	Dieldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
43.	2-4 D	ppb	USEPA 1699-2007	BDL(MDL:30.0)
44.	Aldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
45.	Chloropyriphos	ppb	USEPA 1699-2007	BDL(MDL:30.0)
46.	Carboryl (Carbamate)	ppb	USEPA 1699-2007	BDL(MDL:0.01)
47.	Methyl Parathin	ppb	USEPA 1699-2007	BDL(MDL:0.3)
48.	Anilophos	ppb	USEPA 1699-2007	BDL(MDL:0.01)
49.	Malathian	ppb	USEPA 8081 B	BDL(MDL:190.0)
50.	Total Coliform	MPN/ 100 ml	APHA:9221 B 23 rd Edition (Page: 9-69)	83
51.	Fecal Coliform	MPN/ 100 ml	APHA:9222 D 23 rd Edition (Page: 9-89)	40
52.	Fecal Streptococci	MPN/ 100 ml	IS:1622-1981 (R.A.-1996)	15

Statement of conformity:-

Remarks:

BDL: Below Detection Limit, MDL: Minimum Detection Limit

Mrs. Khushbu S. Gajjar
Technical Manager

Mr. Swastik R. Gajjar
Lab Manager(Q)

* End of Report *

- 1) The results relate only to the items tested.
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REPORT NUMBER: **EI/WW/1121/026**

DATE OF REPORT: **07-12-2021**

F/7.8/01/Issue No.01/Issue Date: 01-10-2018/ Amend No.:00 / Amend Date:-- / Page 2 of 2

TEST REPORT

REPORT NUMBER: EI/WW/1121/027**DATE OF REPORT: 07-12-2021****CLIENT NAME : POLLUTION CONTROL COMMITTEE,****Dadra and Nagar Haveli and Daman and Diu****ADDRESS : 1st Floor, Udyog Bhavan, Bhenslore, Daman- 396220,INDIA****SAMPLE DETAILS.**

Laboratory ID : EI/WW/1121/027	Date of Sampling : 30-11-2021
Sample Type : Surface Water	Date of Sample Receipt : 30-11-2021
Type of Sampling : Grab	Sample Condition : Good
Place of Sampling : Near Surat Beverages, Dadra,DNH	Quantity of Sample Received : 5 Liter
Description (GPS) : N 20°18'33.2568" E72°57'35.8122"	Analysis Start Date : 30-11-2021
Sampling Protocol / Standard : IS3025 (Part 1):1987(R.A.2003)	Analysis End Date : 07-12-2021
Sampling Conducted By : SRG	Duration of Sampling : -

Sl. No	PARAMETER	UNIT	TEST METHOD	RESULTS
1.	Temperature	°C	APHA:2550 B 23 rd Edition (Page: 2-74)	26.9
2.	pH @ 25°C	pH	APHA:4500 H ⁺ B 23 rd Edition (Page: 4-13)	8.35
3.	Conductivity	µs/cm	IS:3025 (Part-14)	235
4.	Dissolve Oxygen	mg/L	IS:3025 (Part-38)	7.3
5.	Biological Oxygen Demand	mg/L	IS:3025 (Part-44)(3 Days at 27°C)	BDL(MDL:1.0)
6.	Nitrate as N	mg/L	IS:3025 (Part-44)	0.4
7.	Ammonia as N	mg/L	APHA:4500 NH ₃ -B-C 23 rd Edition (Page: 4-114)	BDL(MDL:2.0)
8.	Chemical Oxygen Demand	mg/L	APHA:5220 B 23 rd Edition (Page: 5-18)	BDL(MDL:2.0)
9.	Total Kjeldahl Nitrogen	mg/L	IS:3025 (Part-34)	BDL(MDL:2.0)
10.	Total Dissolve Solids	mg/L	APHA:2540 C 23 rd Edition (Page: 2-69)	120
11.	Total Fixed Solids	mg/L	IS:3025 (Part-18)	108
12.	Total Suspended Solids	mg/L	APHA:2540 B 23 rd Edition (Page: 2-70)	7
13.	Turbidity	NTU	IS:3025 (Part-10)	1.9
14.	Hardness	mg/L	IS:3025 (Part-21)	102
15.	Fluoride	mg/L	IS:3025 (Part-60)	BDL(MDL:0.1)
16.	Boron	mg/L	IS:3025 (Part-57)	ND
17.	Chloride	mg/L	APHA:4500 Cl ⁻ B 23 rd Edition (Page: 4-75)	9.9
18.	Sulphate	mg/L	IS:3025 (Part-28)	8.3
19.	Total Alkalinity	mg/L	IS:3025 (Part-23)	59
20.	P-Alkalinity	mg/L	IS:3025 (Part-23)	BDL(MDL:4.0)
21.	Phosphate	mg/L	IS:3550 -1965	BDL(MDL:0.1)
22.	Sodium	mg/L	IS:3025 (Part-45)	16.4
23.	Potassium	mg/L	IS:3025 (Part-45)	BDL(MDL:1.0)
24.	Calcium	mg/L	IS:3025 (Part-40)	25.23

25.	Magnesium	mg/L	IS:3025 (Part-46)	11.17
26.	Arsenic	mg/L	IS:3025 (Part-37)	BDL(MDL:0.01)
27.	Nickel	mg/L	IS:3025 (Part-54)	BDL(MDL:0.02)
28.	Copper	mg/L	IS:3025 (Part-42)	BDL(MDL:0.05)
29.	Mercury	mg/L	IS:3025 (Part-48)	BDL(MDL:0.001)
30.	Chromium	mg/L	IS:3025 (Part-52)	BDL(MDL:0.05)
31.	Cadmium	mg/L	IS:3025 (Part-41)	BDL(MDL:0.003)
32.	Zinc	mg/L	IS:3025 (Part-49)	BDL(MDL:0.05)
33.	Lead	mg/L	IS:3025 (Part-47)	BDL(MDL:0.01)
34.	Iron	mg/L	IS:3025 (Part-53)	BDL(MDL:0.01)
35.	Alpha BHC	ppb	USEPA 8081 A	BDL(MDL:0.01)
36.	Beta BHC	ppb	USEPA 8081 A	BDL(MDL:0.04)
37.	Gama BHC	ppb	USEPA 8081 A	BDL(MDL:2.0)
38.	OP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
39.	PP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
40.	Alpha Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
41.	Beta Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
42.	Dieldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
43.	2-4 D	ppb	USEPA 1699-2007	BDL(MDL:30.0)
44.	Aldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
45.	Chloropyriphos	ppb	USEPA 1699-2007	BDL(MDL:30.0)
46.	Carboryl (Carbamate)	ppb	USEPA 1699-2007	BDL(MDL:0.01)
47.	Methyl Parathin	ppb	USEPA 1699-2007	BDL(MDL:0.3)
48.	Anilophos	ppb	USEPA 1699-2007	BDL(MDL:0.01)
49.	Malathian	ppb	USEPA 8081 B	BDL(MDL:190.0)
50.	Total Coliform	MPN/ 100 ml	APHA:9221 B 23 rd Edition (Page: 9-69)	18
51.	Fecal Coliform	MPN/ 100 ml	APHA:9222 D 23 rd Edition (Page: 9-89)	9
52.	Fecal Streptococci	MPN/ 100 ml	IS:1622-1981 (R.A.-1996)	5

Statement of conformity:-

Remarks:

BDL: Below Detection Limit, MDL: Minimum Detection Limit

Mrs. Khushbu S. Gajjar
Technical Manager

Mr. Swastik R. Gajjar
Lab Manager(Q)

* End of Report *

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REPORT NUMBER: **EI/WW/1121/027**

DATE OF REPORT: **07-12-2021**

F/7.8/01/Issue No.01/Issue Date: 01-10-2018/ Amend No.:00 / Amend Date:-- / Page 2 of 2

TEST REPORT

REPORT NUMBER:EI/WW/1121/028**DATE OF REPORT: 07-12-2021****CLIENT NAME : POLLUTION CONTROL COMMITTEE,****Dadra and Nagar Haveli and Daman and Diu****ADDRESS : 1st Floor, Udyog Bhavan, Bhenslore, Daman- 396220,INDIA****SAMPLE DETAILS.**

Laboratory ID	: EI/WW/1121/028	Date of Sampling	: 30-11-2021
Sample Type	: Surface Water	Date of Sample Receipt	: 30-11-2021
Type of Sampling	: Grab	Sample Condition	: Good
Place of Sampling	: At Vapi Weir, Vapi	Quantity of Sample Received	: 5 Liter
Description (GPS)	: N 20°20'23.42", E 72°54'34.49"	Analysis Start Date	: 30-11-2021
Sampling Protocol / Standard	: IS3025 (Part 1):1987(R.A.2003)	Analysis End Date	: 07-12-2021
Sampling Conducted By	: SRG	Duration of Sampling	: -

Sl. No	PARAMETER	UNIT	TEST METHOD	RESULTS
1.	Temperature	°C	APHA:2550 B 23 rd Edition (Page: 2-74)	26.7
2.	pH @ 25°C	pH	APHA:4500 H ⁺ B 23 rd Edition (Page: 4-13)	8.15
3.	Conductivity	µs/cm	IS:3025 (Part-14)	183
4.	Dissolve Oxygen	mg/L	IS:3025 (Part-38)	5.6
5.	Biological Oxygen Demand	mg/L	IS:3025 (Part-44)(3 Days at 27°C)	11.23
6.	Nitrate as N	mg/L	IS:3025 (Part-44)	3.5
7.	Ammonia as N	mg/L	APHA:4500 NH ₃ -B-C 23 rd Edition (Page: 4-114)	BDL(MDL:2.0)
8.	Chemical Oxygen Demand	mg/L	APHA:5220 B 23 rd Edition (Page: 5-18)	38
9.	Total Kjeldahl Nitrogen	mg/L	IS:3025 (Part-34)	BDL(MDL:2.0)
10.	Total Dissolve Solids	mg/L	APHA:2540 C 23 rd Edition (Page: 2-69)	109
11.	Total Fixed Solids	mg/L	IS:3025 (Part-18)	124
12.	Total Suspended Solids	mg/L	APHA:2540 B 23 rd Edition (Page: 2-70)	15
13.	Turbidity	NTU	IS:3025 (Part-10)	0.9
14.	Hardness	mg/L	IS:3025 (Part-21)	101
15.	Fluoride	mg/L	IS:3025 (Part-60)	BDL(MDL:0.1)
16.	Boron	mg/L	IS:3025 (Part-57)	ND
17.	Chloride	mg/L	APHA:4500 Cl ⁻ B 23 rd Edition (Page: 4-75)	16.3
18.	Sulphate	mg/L	IS:3025 (Part-28)	67.2
19.	Total Alkalinity	mg/L	IS:3025 (Part-23)	67
20.	P-Alkalinity	mg/L	IS:3025 (Part-23)	BDL(MDL:4.0)
21.	Phosphate	mg/L	IS:3550 -1965	0.14
22.	Sodium	mg/L	IS:3025 (Part-45)	23.7
23.	Potassium	mg/L	IS:3025 (Part-45)	1.4
24.	Calcium	mg/L	IS:3025 (Part-40)	27.02
25.	Magnesium	mg/L	IS:3025 (Part-46)	8.83
26.	Arsenic	mg/L	IS:3025 (Part-37)	BDL(MDL:0.01)

27.	Nickel	mg/L	IS:3025 (Part-54)	BDL(MDL:0.02)
28.	Copper	mg/L	IS:3025 (Part-42)	BDL(MDL:0.05)
29.	Mercury	mg/L	IS:3025 (Part-48)	BDL(MDL:0.001)
30.	Chromium	mg/L	IS:3025 (Part-52)	BDL(MDL:0.05)
31.	Cadmium	mg/L	IS:3025 (Part-41)	BDL(MDL:0.003)
32.	Zinc	mg/L	IS:3025 (Part-49)	BDL(MDL:0.05)
33.	Lead	mg/L	IS:3025 (Part-47)	BDL(MDL:0.01)
34.	Iron	mg/L	IS:3025 (Part-53)	0.107
35.	Alpha BHC	ppb	USEPA 8081 A	BDL(MDL:0.01)
36.	Beta BHC	ppb	USEPA 8081 A	BDL(MDL:0.04)
37.	Gama BHC	ppb	USEPA 8081 A	BDL(MDL:2.0)
38.	OP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
39.	PP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
40.	Alpha Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
41.	Beta Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
42.	Dieldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
43.	2-4 D	ppb	USEPA 1699-2007	BDL(MDL:30.0)
44.	Aldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
45.	Chloropyriphos	ppb	USEPA 1699-2007	BDL(MDL:30.0)
46.	Carboryl (Carbamate)	ppb	USEPA 1699-2007	BDL(MDL:0.01)
47.	Methyl Parathin	ppb	USEPA 1699-2007	BDL(MDL:0.3)
48.	Anilophos	ppb	USEPA 1699-2007	BDL(MDL:0.01)
49.	Malathian	ppb	USEPA 8081 B	BDL(MDL:190.0)
50.	Total Coliform	MPN/ 100 ml	APHA:9221 B 23 rd Edition (Page: 9-69)	281
51.	Fecal Coliform	MPN/ 100 ml	APHA:9222 D 23 rd Edition (Page: 9-89)	85
52.	Fecal Streptococci	MPN/ 100 ml	IS:1622-1981 (R.A.-1996)	44

Statement of conformity:-

Remarks:

BDL: Below Detection Limit, MDL: Minimum Detection Limit

Mrs. Khushbu S. Gajjar
Technical Manager

Mr. Swastik R. Gajjar
Lab Manager(Q)

* End of Report *

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REPORT NUMBER: **EI/WW/1121/028**

DATE OF REPORT: **07-12-2021**

F/7.8/01/Issue No.01/Issue Date: 01-10-2018/ Amend No.:00 / Amend Date:-- / Page 2 of 2

TEST REPORT

REPORT NUMBER: EI/WW/1121/029**DATE OF REPORT: 07-12-2021****CLIENT NAME : POLLUTION CONTROL COMMITTEE,****Dadra and Nagar Haveli and Daman and Diu****ADDRESS : 1st Floor, Udyog Bhavan, Bhenslore, Daman- 396220,INDIA****SAMPLE DETAILS.**

Laboratory ID : EI/WW/1121/029	Date of Sampling : 30-11-2021
Sample Type : Surface Water	Date of Sample Receipt : 30-11-2021
Type of Sampling : Grab	Sample Condition : Good
Place of Sampling : At Namdha Village	Quantity of Sample Received : 5 Liter
Description (GPS) : N 20°21'45.8", E 72°52'52.3"	Analysis Start Date : 30-11-2021
Sampling Protocol / Standard : IS3025 (Part 1):1987(R.A.2003)	Analysis End Date : 07-12-2021
Sampling Conducted By : SRG	Duration of Sampling : -

Sl. No	PARAMETER	UNIT	TEST METHOD	RESULTS
1.	Temperature	°C	APHA:2550 B 23 rd Edition (Page: 2-74)	27.1
2.	pH @ 25°C	pH	APHA:4500 H ⁺ B 23 rd Edition (Page: 4-13)	7.83
3.	Conductivity	µs/cm	IS:3025 (Part-14)	452
4.	Dissolve Oxygen	mg/L	IS:3025 (Part-38)	4.9
5.	Biological Oxygen Demand	mg/L	IS:3025 (Part-44)(3 Days at 27°C)	14.04
6.	Nitrate as N	mg/L	IS:3025 (Part-44)	1.3
7.	Ammonia as N	mg/L	APHA:4500 NH ₃ -B-C 23 rd Edition (Page: 4-114)	2.5
8.	Chemical Oxygen Demand	mg/L	APHA:5220 B 23 rd Edition (Page: 5-18)	47
9.	Total Kjeldahl Nitrogen	mg/L	IS:3025 (Part-34)	16.1
10.	Total Dissolve Solids	mg/L	APHA:2540 C 23 rd Edition (Page: 2-69)	228
11.	Total Fixed Solids	mg/L	IS:3025 (Part-18)	123
12.	Total Suspended Solids	mg/L	APHA:2540 B 23 rd Edition (Page: 2-70)	21
13.	Turbidity	NTU	IS:3025 (Part-10)	1.5
14.	Hardness	mg/L	IS:3025 (Part-21)	129
15.	Fluoride	mg/L	IS:3025 (Part-60)	BDL(MDL:0.1)
16.	Boron	mg/L	IS:3025 (Part-57)	0.17
17.	Chloride	mg/L	APHA:4500 Cl ⁻ B 23 rd Edition (Page: 4-75)	133
18.	Sulphate	mg/L	IS:3025 (Part-28)	76.1
19.	Total Alkalinity	mg/L	IS:3025 (Part-23)	41
20.	P-Alkalinity	mg/L	IS:3025 (Part-23)	BDL(MDL:4.0)
21.	Phosphate	mg/L	IS:3550 -1965	0.3
22.	Sodium	mg/L	IS:3025 (Part-45)	120.2
23.	Potassium	mg/L	IS:3025 (Part-45)	6.6
24.	Calcium	mg/L	IS:3025 (Part-40)	33.13
25.	Magnesium	mg/L	IS:3025 (Part-46)	8.89
26.	Arsenic	mg/L	IS:3025 (Part-37)	BDL(MDL:0.01)

27.	Nickel	mg/L	IS:3025 (Part-54)	BDL(MDL:0.02)
28.	Copper	mg/L	IS:3025 (Part-42)	BDL(MDL:0.05)
29.	Mercury	mg/L	IS:3025 (Part-48)	BDL(MDL:0.001)
30.	Chromium	mg/L	IS:3025 (Part-52)	BDL(MDL:0.05)
31.	Cadmium	mg/L	IS:3025 (Part-41)	BDL(MDL:0.003)
32.	Zinc	mg/L	IS:3025 (Part-49)	BDL(MDL:0.05)
33.	Lead	mg/L	IS:3025 (Part-47)	BDL(MDL:0.01)
34.	Iron	mg/L	IS:3025 (Part-53)	0.706
35.	Alpha BHC	ppb	USEPA 8081 A	BDL(MDL:0.01)
36.	Beta BHC	ppb	USEPA 8081 A	BDL(MDL:0.04)
37.	Gama BHC	ppb	USEPA 8081 A	BDL(MDL:2.0)
38.	OP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
39.	PP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
40.	Alpha Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
41.	Beta Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
42.	Dieldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
43.	2-4 D	ppb	USEPA 1699-2007	BDL(MDL:30.0)
44.	Aldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
45.	Chloropyriphos	ppb	USEPA 1699-2007	BDL(MDL:30.0)
46.	Carboryl (Carbamate)	ppb	USEPA 1699-2007	BDL(MDL:0.01)
47.	Methyl Parathin	ppb	USEPA 1699-2007	BDL(MDL:0.3)
48.	Anilophos	ppb	USEPA 1699-2007	BDL(MDL:0.01)
49.	Malathian	ppb	USEPA 8081 B	BDL(MDL:190.0)
50.	Total Coliform	MPN/ 100 ml	APHA:9221 B 23 rd Edition (Page: 9-69)	550
51.	Fecal Coliform	MPN/ 100 ml	APHA:9222 D 23 rd Edition (Page: 9-89)	340
52.	Fecal Streptococci	MPN/ 100 ml	IS:1622-1981 (R.A.-1996)	46

Statement of conformity:-

Remarks:

BDL: Below Detection Limit, MDL: Minimum Detection Limit

Mrs. Khushbu S. Gajjar
Technical Manager

Mr. Swastik R. Gajjar
Lab Manager(Q)

* End of Report *

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REPORT NUMBER: **EI/WW/1121/029**

DATE OF REPORT:**07-12-2021**

F/7.8/01/Issue No.01/Issue Date: 01-10-2018/ Amend No.:00 / Amend Date:-- / Page 2 of 2

TEST REPORT

REPORT NUMBER:EI/WW/1121/030**DATE OF REPORT: 07-12-2021****CLIENT NAME : POLLUTION CONTROL COMMITTEE,****Dadra and Nagar Haveli and Daman and Diu****ADDRESS : 1st Floor, Udyog Bhavan, Bhenslore, Daman- 396220,INDIA****SAMPLE DETAILS.**

Laboratory ID : EI/WW/1121/030	Date of Sampling : 30-11-2021
Sample Type : Surface Water	Date of Sample Receipt : 30-11-2021
Type of Sampling : Grab	Sample Condition : Good
Place of Sampling : At Zari Causeway,Kachigam	Quantity of Sample Received : 5 Liter
Description (GPS) : N 20°22'18.62", E 72°52'50.52"	Analysis Start Date : 30-11-2021
Sampling Protocol / Standard : IS3025 (Part 1):1987(R.A.2003)	Analysis End Date : 07-12-2021
Sampling Conducted By : SRG	Duration of Sampling : -

Sl. No	PARAMETER	UNIT	TEST METHOD	RESULTS
1.	Temperature	°C	APHA:2550 B 23 rd Edition (Page: 2-74)	26.9
2.	pH @ 25°C	pH	APHA:4500 H ⁺ B 23 rd Edition (Page: 4-13)	8.07
3.	Conductivity	µs/cm	IS:3025 (Part-14)	3268
4.	Dissolve Oxygen	mg/L	IS:3025 (Part-38)	6.1
5.	Biological Oxygen Demand	mg/L	IS:3025 (Part-44)(3 Days at 27°C)	11.77
6.	Nitrate as N	mg/L	IS:3025 (Part-44)	0.4
7.	Ammonia as N	mg/L	APHA:4500 NH ₃ -B-C 23 rd Edition (Page: 4-114)	3.8
8.	Chemical Oxygen Demand	mg/L	APHA:5220 B 23 rd Edition (Page: 5-18)	40
9.	Total Kjeldahl Nitrogen	mg/L	IS:3025 (Part-34)	7.1
10.	Total Dissolve Solids	mg/L	APHA:2540 C 23 rd Edition (Page: 2-69)	2291
11.	Total Fixed Solids	mg/L	IS:3025 (Part-18)	1317
12.	Total Suspended Solids	mg/L	APHA:2540 B 23 rd Edition (Page: 2-70)	25
13.	Turbidity	NTU	IS:3025 (Part-10)	1.8
14.	Hardness	mg/L	IS:3025 (Part-21)	368
15.	Fluoride	mg/L	IS:3025 (Part-60)	BDL(MDL:0.1)
16.	Boron	mg/L	IS:3025 (Part-57)	0.20
17.	Chloride	mg/L	APHA:4500 Cl ⁻ B 23 rd Edition (Page: 4-75)	1367
18.	Sulphate	mg/L	IS:3025 (Part-28)	316
19.	Total Alkalinity	mg/L	IS:3025 (Part-23)	48
20.	P-Alkalinity	mg/L	IS:3025 (Part-23)	BDL(MDL:4.0)
21.	Phosphate	mg/L	IS:3550 -1965	3.6
22.	Sodium	mg/L	IS:3025 (Part-45)	775.3
23.	Potassium	mg/L	IS:3025 (Part-45)	26.3
24.	Calcium	mg/L	IS:3025 (Part-40)	35.20
25.	Magnesium	mg/L	IS:3025 (Part-46)	7.0
26.	Arsenic	mg/L	IS:3025 (Part-37)	BDL(MDL:0.01)

27.	Nickel	mg/L	IS:3025 (Part-54)	0.017
28.	Copper	mg/L	IS:3025 (Part-42)	BDL(MDL:0.05)
29.	Mercury	mg/L	IS:3025 (Part-48)	BDL(MDL:0.001)
30.	Chromium	mg/L	IS:3025 (Part-52)	BDL(MDL:0.05)
31.	Cadmium	mg/L	IS:3025 (Part-41)	BDL(MDL:0.003)
32.	Zinc	mg/L	IS:3025 (Part-49)	BDL(MDL:0.05)
33.	Lead	mg/L	IS:3025 (Part-47)	BDL(MDL:0.01)
34.	Iron	mg/L	IS:3025 (Part-53)	BDL(MDL:0.01)
35.	Alpha BHC	ppb	USEPA 8081 A	BDL(MDL:0.01)
36.	Beta BHC	ppb	USEPA 8081 A	BDL(MDL:0.04)
37.	Gama BHC	ppb	USEPA 8081 A	BDL(MDL:2.0)
38.	OP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
39.	PP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
40.	Alpha Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
41.	Beta Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
42.	Dieldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
43.	2-4 D	ppb	USEPA 1699-2007	BDL(MDL:30.0)
44.	Aldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
45.	Chloropyriphos	ppb	USEPA 1699-2007	BDL(MDL:30.0)
46.	Carboryl (Carbamate)	ppb	USEPA 1699-2007	BDL(MDL:0.01)
47.	Methyl Parathin	ppb	USEPA 1699-2007	BDL(MDL:0.3)
48.	Anilophos	ppb	USEPA 1699-2007	BDL(MDL:0.01)
49.	Malathian	ppb	USEPA 8081 B	BDL(MDL:190.0)
50.	Total Coliform	MPN/ 100 ml	APHA:9221 B 23 rd Edition (Page: 9-69)	865
51.	Fecal Coliform	MPN/ 100 ml	APHA:9222 D 23 rd Edition (Page: 9-89)	489
52.	Fecal Streptococci	MPN/ 100 ml	IS:1622-1981 (R.A.-1996)	125

Statement of conformity:-

Remarks:

BDL: Below Detection Limit, MDL: Minimum Detection Limit

Mrs. Khushbu S. Gajjar
Technical Manager

Mr. Swastik R. Gajjar
Lab Manager(Q)

* End of Report *

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REPORT NUMBER: **EI/WW/1121/030**

DATE OF REPORT: **07-12-2021**

F/7.8/01/Issue No.01/Issue Date: 01-10-2018/ Amend No.:00 / Amend Date:-- / Page 2 of 2

TEST REPORT

REPORT NUMBER: EI/WW/1121/031**DATE OF REPORT: 07-12-2021****CLIENT NAME : POLLUTION CONTROL COMMITTEE,****Dadra and Nagar Haveli and Daman and Diu****ADDRESS : 1st Floor, Udyog Bhavan, Bhenslore, Daman- 396220,INDIA****SAMPLE DETAILS.**

Laboratory ID : EI/WW/1121/031	Date of Sampling : 30-11-2021
Sample Type : Surface Water	Date of Sample Receipt : 30-11-2021
Type of Sampling : Grab	Sample Condition : Good
Place of Sampling : At D/s of Discharge Point of Distillery	Quantity of Sample Received : 5 Liter
Description (GPS) : N 20°24'0.18", E 72°50'3.1884"	Analysis Start Date : 30-11-2021
Sampling Protocol / Standard : IS3025 (Part 1):1987(R.A.2003)	Analysis End Date : 07-12-2021
Sampling Conducted By : SRG	Duration of Sampling : -

Sl. No	PARAMETER	UNIT	TEST METHOD	RESULTS
1.	Temperature	°C	APHA:2550 B 23 rd Edition (Page: 2-74)	27.6
2.	pH @ 25°C	pH	APHA:4500 H ⁺ B 23 rd Edition (Page: 4-13)	8.01
3.	Conductivity	µs/cm	IS:3025 (Part-14)	17943
4.	Dissolve Oxygen	mg/L	IS:3025 (Part-38)	6.1
5.	Biological Oxygen Demand	mg/L	IS:3025 (Part-44)(3 Days at 27°C)	5.1
6.	Nitrate as N	mg/L	IS:3025 (Part-44)	0.5
7.	Ammonia as N	mg/L	APHA:4500 NH ₃ -B-C 23 rd Edition (Page: 4-114)	5.8
8.	Chemical Oxygen Demand	mg/L	APHA:5220 B 23 rd Edition (Page: 5-18)	20.42
9.	Total Kjeldahl Nitrogen	mg/L	IS:3025 (Part-34)	6.2
10.	Total Dissolve Solids	mg/L	APHA:2540 C 23 rd Edition (Page: 2-69)	12175
11.	Total Fixed Solids	mg/L	IS:3025 (Part-18)	6425
12.	Total Suspended Solids	mg/L	APHA:2540 B 23 rd Edition (Page: 2-70)	65
13.	Turbidity	NTU	IS:3025 (Part-10)	1.8
14.	Hardness	mg/L	IS:3025 (Part-21)	2628
15.	Fluoride	mg/L	IS:3025 (Part-60)	0.67
16.	Boron	mg/L	IS:3025 (Part-57)	1.17
17.	Chloride	mg/L	APHA:4500 Cl ⁻ B 23 rd Edition (Page: 4-75)	7637.12
18.	Sulphate	mg/L	IS:3025 (Part-28)	1298.14
19.	Total Alkalinity	mg/L	IS:3025 (Part-23)	123
20.	P-Alkalinity	mg/L	IS:3025 (Part-23)	BDL(MDL:4.0)
21.	Phosphate	mg/L	IS:3550 -1965	0.4
22.	Sodium	mg/L	IS:3025 (Part-45)	2814
23.	Potassium	mg/L	IS:3025 (Part-45)	131
24.	Calcium	mg/L	IS:3025 (Part-40)	171.7
25.	Magnesium	mg/L	IS:3025 (Part-46)	89.74

26.	Arsenic	mg/L	IS:3025 (Part-37)	BDL(MDL:0.01)
27.	Nickel	mg/L	IS:3025 (Part-54)	0.379
28.	Copper	mg/L	IS:3025 (Part-42)	BDL(MDL:0.05)
29.	Mercury	mg/L	IS:3025 (Part-48)	BDL(MDL:0.001)
30.	Chromium	mg/L	IS:3025 (Part-52)	0.081
31.	Cadmium	mg/L	IS:3025 (Part-41)	0.24
32.	Zinc	mg/L	IS:3025 (Part-49)	BDL(MDL:0.05)
33.	Lead	mg/L	IS:3025 (Part-47)	BDL(MDL:0.01)
34.	Iron	mg/L	IS:3025 (Part-53)	0.648
35.	Alpha BHC	ppb	USEPA 8081 A	BDL(MDL:0.01)
36.	Beta BHC	ppb	USEPA 8081 A	BDL(MDL:0.04)
37.	Gama BHC	ppb	USEPA 8081 A	BDL(MDL:2.0)
38.	OP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
39.	PP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
40.	Alpha Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
41.	Beta Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
42.	Dieldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
43.	2-4 D	ppb	USEPA 1699-2007	BDL(MDL:30.0)
44.	Aldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
45.	Chloropyriphos	ppb	USEPA 1699-2007	BDL(MDL:30.0)
46.	Carboryl (Carbamate)	ppb	USEPA 1699-2007	BDL(MDL:0.01)
47.	Methyl Parathin	ppb	USEPA 1699-2007	BDL(MDL:0.3)
48.	Anilophos	ppb	USEPA 1699-2007	BDL(MDL:0.01)
49.	Malathian	ppb	USEPA 8081 B	BDL(MDL:190.0)
50.	Total Coliform	MPN/ 100 ml	APHA:9221 B 23 rd Edition (Page: 9-69)	297
51.	Fecal Coliform	MPN/ 100 ml	APHA:9222 D 23 rd Edition (Page: 9-89)	46
52.	Fecal Streptococci	MPN/ 100 ml	IS:1622-1981 (R.A.-1996)	24

Statement of conformity:-

Remarks:

BDL: Below Detection Limit, MDL: Minimum Detection Limit

Mrs. Khushbu S. Gajjar
Technical Manager

Mr. Swastik R. Gajjar
Lab Manager(Q)

* End of Report *

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REPORT NUMBER: **EI/WW/1121/031**

DATE OF REPORT: **07-12-2021**

F/7.8/01/Issue No.01/Issue Date: 01-10-2018/ Amend No.:00 / Amend Date:-- / Page 2 of 2

TEST REPORT

REPORT NUMBER:EI/WW/1121/032**DATE OF REPORT: 07-12-2021****CLIENT NAME : POLLUTION CONTROL COMMITTEE,****Dadra and Nagar Haveli and Daman and Diu****ADDRESS : 1st Floor, Udyog Bhavan, Bhenslore, Daman- 396220,INDIA****SAMPLE DETAILS.**

Laboratory ID : EI/WW/1121/032	Date of Sampling : 30-11-2021
Sample Type : Surface Water	Date of Sample Receipt : 30-11-2021
Type of Sampling : Grab	Sample Condition : Good
Place of Sampling : At Moti Daman Jetty	Quantity of Sample Received : 5 Liter
Description (GPS) : N 20°24'40.18", E 72°50'3.19"	Analysis Start Date : 30-11-2021
Sampling Protocol / Standard : IS3025 (Part 1):1987(R.A.2003)	Analysis End Date : 07-12-2021
Sampling Conducted By : SRG	Duration of Sampling : -

Sl. No	PARAMETER	UNIT	TEST METHOD	RESULTS
1.	Temperature	°C	APHA:2550 B 23 rd Edition (Page: 2-74)	27.7
2.	pH @ 25°C	pH	APHA:4500 H ⁺ B 23 rd Edition (Page: 4-13)	8.1
3.	Conductivity	µs/cm	IS:3025 (Part-14)	24472
4.	Dissolve Oxygen	mg/L	IS:3025 (Part-38)	6.2
5.	Biological Oxygen Demand	mg/L	IS:3025 (Part-44)(3 Days at 27°C)	6.30
6.	Nitrate as N	mg/L	IS:3025 (Part-44)	0.6
7.	Ammonia as N	mg/L	APHA:4500 NH ₃ -B-C 23 rd Edition (Page: 4-114)	6.1
8.	Chemical Oxygen Demand	mg/L	APHA:5220 B 23 rd Edition (Page: 5-18)	14
9.	Total Kjeldahl Nitrogen	mg/L	IS:3025 (Part-34)	5.2
10.	Total Dissolve Solids	mg/L	APHA:2540 C 23 rd Edition (Page: 2-69)	14846
11.	Total Fixed Solids	mg/L	IS:3025 (Part-18)	9814
12.	Total Suspended Solids	mg/L	APHA:2540 B 23 rd Edition (Page: 2-70)	162
13.	Turbidity	NTU	IS:3025 (Part-10)	1.3
14.	Hardness	mg/L	IS:3025 (Part-21)	857
15.	Fluoride	mg/L	IS:3025 (Part-60)	BDL(MDL:0.1)
16.	Boron	mg/L	IS:3025 (Part-57)	0.87
17.	Chloride	mg/L	APHA:4500 Cl ⁻ B 23 rd Edition (Page: 4-75)	8627
18.	Sulphate	mg/L	IS:3025 (Part-28)	1257
19.	Total Alkalinity	mg/L	IS:3025 (Part-23)	98
20.	P-Alkalinity	mg/L	IS:3025 (Part-23)	BDL(MDL:4.0)
21.	Phosphate	mg/L	IS:3550 -1965	2.3
22.	Sodium	mg/L	IS:3025 (Part-45)	4618
23.	Potassium	mg/L	IS:3025 (Part-45)	224
24.	Calcium	mg/L	IS:3025 (Part-40)	164.28
25.	Magnesium	mg/L	IS:3025 (Part-46)	86.87
26.	Arsenic	mg/L	IS:3025 (Part-37)	BDL(MDL:0.01)

27.	Nickel	mg/L	IS:3025 (Part-54)	0.454
28.	Copper	mg/L	IS:3025 (Part-42)	0.079
29.	Mercury	mg/L	IS:3025 (Part-48)	BDL(MDL:0.001)
30.	Chromium	mg/L	IS:3025 (Part-52)	0.078
31.	Cadmium	mg/L	IS:3025 (Part-41)	0.237
32.	Zinc	mg/L	IS:3025 (Part-49)	0.06
33.	Lead	mg/L	IS:3025 (Part-47)	BDL(MDL:0.01)
34.	Iron	mg/L	IS:3025 (Part-53)	0.687
35.	Alpha BHC	ppb	USEPA 8081 A	BDL(MDL:0.01)
36.	Beta BHC	ppb	USEPA 8081 A	BDL(MDL:0.04)
37.	Gama BHC	ppb	USEPA 8081 A	BDL(MDL:2.0)
38.	OP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
39.	PP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
40.	Alpha Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
41.	Beta Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
42.	Dieldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
43.	2-4 D	ppb	USEPA 1699-2007	BDL(MDL:30.0)
44.	Aldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
45.	Chloropyriphos	ppb	USEPA 1699-2007	BDL(MDL:30.0)
46.	Carboryl (Carbamate)	ppb	USEPA 1699-2007	BDL(MDL:0.01)
47.	Methyl Parathin	ppb	USEPA 1699-2007	BDL(MDL:0.3)
48.	Anilophos	ppb	USEPA 1699-2007	BDL(MDL:0.01)
49.	Malathian	ppb	USEPA 8081 B	BDL(MDL:190.0)
50.	Total Coliform	MPN/ 100 ml	APHA:9221 B 23 rd Edition (Page: 9-69)	152
51.	Fecal Coliform	MPN/ 100 ml	APHA:9222 D 23 rd Edition (Page: 9-89)	53
52.	Fecal Streptococci	MPN/ 100 ml	IS:1622-1981 (R.A.-1996)	32

Statement of conformity:-

Remarks:

BDL: Below Detection Limit, MDL: Minimum Detection Limit

Mrs. Khushbu S. Gajjar
Technical Manager

Mr. Swastik R. Gajjar
Lab Manager(Q)

* End of Report *

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REPORT NUMBER:EI/WW/1121/032

DATE OF REPORT: 07-12-2021

F/7.8/01/Issue No.01/Issue Date: 01-10-2018/ Amend No.:00 / Amend Date:-- / Page 2 of 2

TEST REPORT

REPORT NUMBER: EI/WW/1121/033**DATE OF REPORT: 07-12-2021****CLIENT NAME : POLLUTION CONTROL COMMITTEE,****Dadra and Nagar Haveli and Daman and Diu****ADDRESS : 1st Floor, Udyog Bhavan, Bhenslore, Daman- 396220,INDIA****SAMPLE DETAILS.**

Laboratory ID	: EI/WW/1121/033	Date of Sampling	: 30-11-2021
Sample Type	: Surface Water	Date of Sample Receipt	: 30-11-2021
Type of Sampling	: Grab	Sample Condition	: Good
Place of Sampling	: Outlet of CETP, Vapi	Quantity of Sample Received	: 5 Liter
Description (GPS)	: N 20°20'34.62"E72°54'20.38"	Analysis Start Date	: 30-11-2021
Sampling Protocol / Standard	: IS3025 (Part 1):1987(R.A.2003)	Analysis End Date	: 07-12-2021
Sampling Conducted By	: SRG	Duration of Sampling	: -

Sl. No	PARAMETER	UNIT	TEST METHOD	RESULTS
1.	Temperature	°C	APHA:2550 B 23 rd Edition (Page: 2-74)	27.2
2.	pH @ 25°C	pH	APHA:4500 H ⁺ B 23 rd Edition (Page: 4-13)	7.86
3.	Conductivity	µs/cm	IS:3025 (Part-14)	6198
4.	Dissolve Oxygen	mg/L	IS:3025 (Part-38)	5.1
5.	Biological Oxygen Demand	mg/L	IS:3025 (Part-44)(3 Days at 27°C)	17.23
6.	Nitrate as N	mg/L	IS:3025 (Part-44)	1.6
7.	Ammonia as N	mg/L	APHA:4500 NH ₃ -B-C 23 rd Edition (Page: 4-114)	14.9
8.	Chemical Oxygen Demand	mg/L	APHA:5220 B 23 rd Edition (Page: 5-18)	53.7
9.	Total Kjeldahl Nitrogen	mg/L	IS:3025 (Part-34)	47.2
10.	Total Dissolve Solids	mg/L	APHA:2540 C 23 rd Edition (Page: 2-69)	3709
11.	Total Fixed Solids	mg/L	IS:3025 (Part-18)	2783
12.	Total Suspended Solids	mg/L	APHA:2540 B 23 rd Edition (Page: 2-70)	38
13.	Turbidity	NTU	IS:3025 (Part-10)	2.3
14.	Hardness	mg/L	IS:3025 (Part-21)	1418
15.	Fluoride	mg/L	IS:3025 (Part-60)	BDL(MDL:0.1)
16.	Boron	mg/L	IS:3025 (Part-57)	0.26
17.	Chloride	mg/L	APHA:4500 Cl ⁻ B 23 rd Edition (Page: 4-75)	2810
18.	Sulphate	mg/L	IS:3025 (Part-28)	964
19.	Total Alkalinity	mg/L	IS:3025 (Part-23)	219
20.	P-Alkalinity	mg/L	IS:3025 (Part-23)	BDL(MDL:4.0)
21.	Phosphate	mg/L	IS:3550 -1965	3.1
22.	Sodium	mg/L	IS:3025 (Part-45)	974
23.	Potassium	mg/L	IS:3025 (Part-45)	38.1
24.	Calcium	mg/L	IS:3025 (Part-40)	249.27
25.	Magnesium	mg/L	IS:3025 (Part-46)	158.04
26.	Arsenic	mg/L	IS:3025 (Part-37)	BDL(MDL:0.01)

27.	Nickel	mg/L	IS:3025 (Part-54)	0.189
28.	Copper	mg/L	IS:3025 (Part-42)	BDL(MDL:0.05)
29.	Mercury	mg/L	IS:3025 (Part-48)	BDL(MDL:0.001)
30.	Chromium	mg/L	IS:3025 (Part-52)	BDL(MDL:0.05)
31.	Cadmium	mg/L	IS:3025 (Part-41)	0.033
32.	Zinc	mg/L	IS:3025 (Part-49)	0.17
33.	Lead	mg/L	IS:3025 (Part-47)	BDL(MDL:0.01)
34.	Iron	mg/L	IS:3025 (Part-53)	1.043
35.	Alpha BHC	ppb	USEPA 8081 A	BDL(MDL:0.01)
36.	Beta BHC	ppb	USEPA 8081 A	BDL(MDL:0.04)
37.	Gama BHC	ppb	USEPA 8081 A	BDL(MDL:2.0)
38.	OP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
39.	PP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
40.	Alpha Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
41.	Beta Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
42.	Dieldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
43.	2-4 D	ppb	USEPA 1699-2007	BDL(MDL:30.0)
44.	Aldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
45.	Chloropyriphos	ppb	USEPA 1699-2007	BDL(MDL:30.0)
46.	Carboryl (Carbamate)	ppb	USEPA 1699-2007	BDL(MDL:0.01)
47.	Methyl Parathin	ppb	USEPA 1699-2007	BDL(MDL:0.3)
48.	Anilophos	ppb	USEPA 1699-2007	BDL(MDL:0.01)
49.	Malathian	ppb	USEPA 8081 B	BDL(MDL:190.0)
50.	Total Coliform	MPN/ 100 ml	APHA:9221 B 23 rd Edition (Page: 9-69)	>1600
51.	Fecal Coliform	MPN/ 100 ml	APHA:9222 D 23 rd Edition (Page: 9-89)	942
52.	Fecal Streptococci	MPN/ 100 ml	IS:1622-1981 (R.A.-1996)	86

Statement of conformity:-

Remarks:

BDL: Below Detection Limit, MDL: Minimum Detection Limit

Mrs. Khushbu S. Gajjar
Technical Manager

Mr. Swastik R. Gajjar
Lab Manager(Q)

* End of Report *

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REPORT NUMBER:EI/WW/1121/033

DATE OF REPORT: 07-12-2021

F/7.8/01/Issue No.01/Issue Date: 01-10-2018/ Amend No.:00 / Amend Date:-- / Page 2 of 2

TEST REPORT

REPORT NUMBER:EI/WW/1121/034**DATE OF REPORT: 07-12-2021****CLIENT NAME : POLLUTION CONTROL COMMITTEE,****Dadra and Nagar Haveli and Daman and Diu****ADDRESS : 1st Floor, Udyog Bhavan, Bhenslore, Daman- 396220,INDIA****SAMPLE DETAILS.**

Laboratory ID	: EI/WW/1121/034	Date of Sampling	: 30-11-2021
Sample Type	: Surface Water	Date of Sample Receipt	: 30-11-2021
Type of Sampling	: Grab	Sample Condition	: Good
Place of Sampling	: Outlet of GHCL,Bhilad	Quantity of Sample Received	: 5 Liter
Description (GPS)	: N 20°17'35.81"E72°53'49.31"	Analysis Start Date	: 30-11-2021
Sampling Protocol / Standard	: IS3025 (Part 1):1987(R.A.2003)	Analysis End Date	: 07-12-2021
Sampling Conducted By	: SRG	Duration of Sampling	: -

Sl. No	PARAMETER	UNIT	TEST METHOD	RESULTS
1.	Temperature	°C	APHA:2550 B 23 rd Edition (Page: 2-74)	28.2
2.	pH @ 25°C	pH	APHA:4500 H ⁺ B 23 rd Edition (Page: 4-13)	8.18
3.	Conductivity	µs/cm	IS:3025 (Part-14)	2474
4.	Dissolve Oxygen	mg/L	IS:3025 (Part-38)	6.2
5.	Biological Oxygen Demand	mg/L	IS:3025 (Part-44)(3 Days at 27°C)	17.82
6.	Nitrate as N	mg/L	IS:3025 (Part-44)	4.6
7.	Ammonia as N	mg/L	APHA:4500 NH ₃ -B-C 23 rd Edition (Page: 4-114)	15.7
8.	Chemical Oxygen Demand	mg/L	APHA:5220 B 23 rd Edition (Page: 5-18)	46.7
9.	Total Kjeldahl Nitrogen	mg/L	IS:3025 (Part-34)	14.2
10.	Total Dissolve Solids	mg/L	APHA:2540 C 23 rd Edition (Page: 2-69)	1547
11.	Total Fixed Solids	mg/L	IS:3025 (Part-18)	948
12.	Total Suspended Solids	mg/L	APHA:2540 B 23 rd Edition (Page: 2-70)	51
13.	Turbidity	NTU	IS:3025 (Part-10)	2.0
14.	Hardness	mg/L	IS:3025 (Part-21)	309
15.	Fluoride	mg/L	IS:3025 (Part-60)	BDL(MDL:0.1)
16.	Boron	mg/L	IS:3025 (Part-57)	ND
17.	Chloride	mg/L	APHA:4500 Cl ⁻ B 23 rd Edition (Page: 4-75)	298.7
18.	Sulphate	mg/L	IS:3025 (Part-28)	208.3
19.	Total Alkalinity	mg/L	IS:3025 (Part-23)	408
20.	P-Alkalinity	mg/L	IS:3025 (Part-23)	BDL(MDL:4.0)
21.	Phosphate	mg/L	IS:3550 -1965	2.7
22.	Sodium	mg/L	IS:3025 (Part-45)	385.7
23.	Potassium	mg/L	IS:3025 (Part-45)	32.5
24.	Calcium	mg/L	IS:3025 (Part-40)	64.15
25.	Magnesium	mg/L	IS:3025 (Part-46)	35.38
26.	Arsenic	mg/L	IS:3025 (Part-37)	BDL(MDL:0.01)

27.	Nickel	mg/L	IS:3025 (Part-54)	BDL(MDL:0.02)
28.	Copper	mg/L	IS:3025 (Part-42)	0.048
29.	Mercury	mg/L	IS:3025 (Part-48)	BDL(MDL:0.001)
30.	Chromium	mg/L	IS:3025 (Part-52)	BDL(MDL:0.05)
31.	Cadmium	mg/L	IS:3025 (Part-41)	0.051
32.	Zinc	mg/L	IS:3025 (Part-49)	BDL(MDL:0.05)
33.	Iron	mg/L	IS:3025 (Part-53)	BDL(MDL:0.01)
34.	Lead	mg/L	IS:3025 (Part-47)	0.634
35.	Alpha BHC	ppb	USEPA 8081 A	BDL(MDL:0.01)
36.	Beta BHC	ppb	USEPA 8081 A	BDL(MDL:0.04)
37.	Gama BHC	ppb	USEPA 8081 A	BDL(MDL:2.0)
38.	OP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
39.	PP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
40.	Alpha Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
41.	Beta Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
42.	Dieldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
43.	2-4 D	ppb	USEPA 1699-2007	BDL(MDL:30.0)
44.	Aldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
45.	Chloropyriphos	ppb	USEPA 1699-2007	BDL(MDL:30.0)
46.	Carboryl (Carbamate)	ppb	USEPA 1699-2007	BDL(MDL:0.01)
47.	Methyl Parathin	ppb	USEPA 1699-2007	BDL(MDL:0.3)
48.	Anilophos	ppb	USEPA 1699-2007	BDL(MDL:0.01)
49.	Malathian	ppb	USEPA 8081 B	BDL(MDL:190.0)
50.	Total Coliform	MPN/ 100 ml	APHA:9221 B 23 rd Edition (Page: 9-69)	>1600
51.	Fecal Coliform	MPN/ 100 ml	APHA:9222 D 23 rd Edition (Page: 9-89)	1600
52.	Fecal Streptococci	MPN/ 100 ml	IS:1622-1981 (R.A.-1996)	876

Statement of conformity:-

Remarks:

BDL: Below Detection Limit, MDL: Minimum Detection Limit

Mrs. Khushbu S. Gajjar
Technical Manager

Mr. Swastik R. Gajjar
Lab Manager(Q)

* End of Report *

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REPORT NUMBER: **EI/WW/1121/034**

DATE OF REPORT: **07-12-2021**

F/7.8/01/Issue No.01/Issue Date: 01-10-2018/ Amend No.:00 / Amend Date:-- / Page 2 of 2

TEST REPORT

REPORT NUMBER: EI/WW/1121/035**DATE OF REPORT: 07-12-2021****CLIENT NAME : POLLUTION CONTROL COMMITTEE,****Dadra and Nagar Haveli and Daman and Diu****ADDRESS : 1st Floor, Udyog Bhavan, Bhenslore, Daman- 396220,INDIA****SAMPLE DETAILS.**

Laboratory ID	: EI/WW/1121/035	Date of Sampling	: 30-11-2021
Sample Type	: Surface Water	Date of Sample Receipt	: 30-11-2021
Type of Sampling	: Grab	Sample Condition	: Good
Place of Sampling	: 100 meter Downstream of outlet of CETP, Vapi (from river)	Quantity of Sample Received	: 5 Liter
Description (GPS)	: N 20°20'31.52", E72°54'16.88"	Analysis Start Date	: 30-11-2021
Sampling Protocol / Standard	: IS3025 (Part 1):1987(R.A.2003)	Analysis End Date	: 07-12-2021
Sampling Conducted By	: SRG	Duration of Sampling	: -

Sl. No	PARAMETER	UNIT	TEST METHOD	RESULTS
1.	Temperature	°C	APHA:2550 B 23 rd Edition (Page: 2-74)	26.9
2.	pH @ 25°C	pH	APHA:4500 H ⁺ B 23 rd Edition (Page: 4-13)	7.17
3.	Conductivity	µs/cm	IS:3025 (Part-14)	724
4.	Dissolve Oxygen	mg/L	IS:3025 (Part-38)	6.0
5.	Biological Oxygen Demand	mg/L	IS:3025 (Part-44)(3 Days at 27°C)	3.21
6.	Nitrate as N	mg/L	IS:3025 (Part-44)	0.5
7.	Ammonia as N	mg/L	APHA:4500 NH ₃ -B-C 23 rd Edition (Page: 4-114)	7.28
8.	Chemical Oxygen Demand	mg/L	APHA:5220 B 23 rd Edition (Page: 5-18)	10.04
9.	Total Kjeldahl Nitrogen	mg/L	IS:3025 (Part-34)	12.47
10.	Total Dissolve Solids	mg/L	APHA:2540 C 23 rd Edition (Page: 2-69)	458
11.	Total Fixed Solids	mg/L	IS:3025 (Part-18)	329
12.	Total Suspended Solids	mg/L	APHA:2540 B 23 rd Edition (Page: 2-70)	18
13.	Turbidity	NTU	IS:3025 (Part-10)	0.9
14.	Hardness	mg/L	IS:3025 (Part-21)	247
15.	Fluoride	mg/L	IS:3025 (Part-60)	BDL(MDL:0.1)
16.	Boron	mg/L	IS:3025 (Part-57)	ND
17.	Chloride	mg/L	APHA:4500 Cl ⁻ B 23 rd Edition (Page: 4-75)	143.7
18.	Sulphate	mg/L	IS:3025 (Part-28)	116.8
19.	Total Alkalinity	mg/L	IS:3025 (Part-23)	91
20.	P-Alkalinity	mg/L	IS:3025 (Part-23)	BDL(MDL:4.0)
21.	Phosphate	mg/L	IS:3550 -1965	3.8
22.	Sodium	mg/L	IS:3025 (Part-45)	83.4
23.	Potassium	mg/L	IS:3025 (Part-45)	6.4
24.	Calcium	mg/L	IS:3025 (Part-40)	61.47

25.	Magnesium	mg/L	IS:3025 (Part-46)	16.13
26.	Arsenic	mg/L	IS:3025 (Part-37)	BDL(MDL:0.01)
27.	Nickel	mg/L	IS:3025 (Part-54)	BDL(MDL:0.02)
28.	Copper	mg/L	IS:3025 (Part-42)	BDL(MDL:0.05)
29.	Mercury	mg/L	IS:3025 (Part-48)	BDL(MDL:0.001)
30.	Chromium	mg/L	IS:3025 (Part-52)	BDL(MDL:0.05)
31.	Cadmium	mg/L	IS:3025 (Part-41)	BDL(MDL:0.003)
32.	Zinc	mg/L	IS:3025 (Part-49)	BDL(MDL:0.05)
33.	Lead	mg/L	IS:3025 (Part-47)	BDL(MDL:0.01)
34.	Iron	mg/L	IS:3025 (Part-53)	BDL(MDL:0.01)
35.	Alpha BHC	ppb	USEPA 8081 A	BDL(MDL:0.01)
36.	Beta BHC	ppb	USEPA 8081 A	BDL(MDL:0.04)
37.	Gama BHC	ppb	USEPA 8081 A	BDL(MDL:2.0)
38.	OP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
39.	PP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
40.	Alpha Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
41.	Beta Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
42.	Dieldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
43.	2-4 D	ppb	USEPA 1699-2007	BDL(MDL:30.0)
44.	Aldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
45.	Chloropyriphos	ppb	USEPA 1699-2007	BDL(MDL:30.0)
46.	Carboryl (Carbamate)	ppb	USEPA 1699-2007	BDL(MDL:0.01)
47.	Methyl Parathin	ppb	USEPA 1699-2007	BDL(MDL:0.3)
48.	Anilophos	ppb	USEPA 1699-2007	BDL(MDL:0.01)
49.	Malathian	ppb	USEPA 8081 B	BDL(MDL:190.0)
50.	Total Coliform	MPN/ 100 ml	APHA:9221 B 23 rd Edition (Page: 9-69)	>1600
51.	Fecal Coliform	MPN/ 100 ml	APHA:9222 D 23 rd Edition (Page: 9-89)	1600
52.	Fecal Streptococci	MPN/ 100 ml	IS:1622-1981 (R.A.-1996)	189

Statement of conformity:-

Remarks:

BDL: Below Detection Limit, MDL: Minimum Detection Limit

Mrs. Khushbu S. Gajjar
Technical Manager

Mr. Swastik R. Gajjar
Lab Manager(Q)

* End of Report *

- 1) The results relate only to the items tested.
- 2) This test report shall not be reproduced except in full, without approval of the laboratory can provide assurance that parts of a report are not taken out of context.

REPORT NUMBER: **EI/WW/1121/035**

DATE OF REPORT: **07-12-2021**

F/7.8/01/Issue No.01/Issue Date: 01-10-2018/ Amend No.:00 / Amend Date:-- / Page 2 of 2

TEST REPORT

REPORT NUMBER: EI/WW/1121/036**DATE OF REPORT: 07-12-2021****CLIENT NAME : POLLUTION CONTROL COMMITTEE,****Dadra and Nagar Haveli and Daman and Diu****ADDRESS : 1st Floor, Udyog Bhavan, Bhenslore, Daman- 396220,INDIA****SAMPLE DETAILS.**

Laboratory ID : EI/WW/1121/036	Date of Sampling : 30-11-2021
Sample Type : Surface Water	Date of Sample Receipt : 30-11-2021
Type of Sampling : Grab	Sample Condition : Good
Place of Sampling : At Patalia Bridge(Kolak River)	Quantity of Sample Received : 5 Liter
Description (GPS) : N 20°27'41", E72°53'12.59"	Analysis Start Date : 30-11-2021
Sampling Protocol / Standard : IS3025 (Part 1):1987(R.A.2003)	Analysis End Date : 07-12-2021
Sampling Conducted By : SRG	Duration of Sampling : -

Sl. No	PARAMETER	UNIT	TEST METHOD	RESULTS
1.	Temperature	°C	APHA:2550 B 23 rd Edition (Page: 2-74)	28.1
2.	pH @ 25°C	pH	APHA:4500 H ⁺ B 23 rd Edition (Page: 4-13)	8.32
3.	Conductivity	µs/cm	IS:3025 (Part-14)	304
4.	Dissolve Oxygen	mg/L	IS:3025 (Part-38)	6.4
5.	Biological Oxygen Demand	mg/L	IS:3025 (Part-44)(3 Days at 27°C)	5.37
6.	Nitrate as N	mg/L	IS:3025 (Part-44)	0.5
7.	Ammonia as N	mg/L	APHA:4500 NH ₃ -B-C 23 rd Edition (Page: 4-114)	2.6
8.	Chemical Oxygen Demand	mg/L	APHA:5220 B 23 rd Edition (Page: 5-18)	17.4
9.	Total Kjeldahl Nitrogen	mg/L	IS:3025 (Part-34)	6.8
10.	Total Dissolve Solids	mg/L	APHA:2540 C 23 rd Edition (Page: 2-69)	198
11.	Total Fixed Solids	mg/L	IS:3025 (Part-18)	148
12.	Total Suspended Solids	mg/L	APHA:2540 B 23 rd Edition (Page: 2-70)	51
13.	Turbidity	NTU	IS:3025 (Part-10)	2.2
14.	Hardness	mg/L	IS:3025 (Part-21)	193
15.	Fluoride	mg/L	IS:3025 (Part-60)	BDL(MDL:0.1)
16.	Boron	mg/L	IS:3025 (Part-57)	ND
17.	Chloride	mg/L	APHA:4500 Cl ⁻ B 23 rd Edition (Page: 4-75)	64.6
18.	Sulphate	mg/L	IS:3025 (Part-28)	38.7
19.	Total Alkalinity	mg/L	IS:3025 (Part-23)	81
20.	P-Alkalinity	mg/L	IS:3025 (Part-23)	BDL(MDL:4.0)
21.	Phosphate	mg/L	IS:3550 -1965	0.61
22.	Sodium	mg/L	IS:3025 (Part-45)	587.12
23.	Potassium	mg/L	IS:3025 (Part-45)	24.89
24.	Calcium	mg/L	IS:3025 (Part-40)	47.85
25.	Magnesium	mg/L	IS:3025 (Part-46)	18.47
26.	Arsenic	mg/L	IS:3025 (Part-37)	BDL(MDL:0.01)

27.	Nickel	mg/L	IS:3025 (Part-54)	BDL(MDL:0.02)
28.	Copper	mg/L	IS:3025 (Part-42)	BDL(MDL:0.05)
29.	Mercury	mg/L	IS:3025 (Part-48)	BDL(MDL:0.001)
30.	Chromium	mg/L	IS:3025 (Part-52)	BDL(MDL:0.05)
31.	Cadmium	mg/L	IS:3025 (Part-41)	0.034
32.	Zinc	mg/L	IS:3025 (Part-49)	BDL(MDL:0.05)
33.	Lead	mg/L	IS:3025 (Part-47)	BDL(MDL:0.01)
34.	Iron	mg/L	IS:3025 (Part-53)	0.78
35.	Alpha BHC	ppb	USEPA 8081 A	BDL(MDL:0.01)
36.	Beta BHC	ppb	USEPA 8081 A	BDL(MDL:0.04)
37.	Gama BHC	ppb	USEPA 8081 A	BDL(MDL:2.0)
38.	OP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
39.	PP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
40.	Alpha Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
41.	Beta Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
42.	Dieldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
43.	2-4 D	ppb	USEPA 1699-2007	BDL(MDL:30.0)
44.	Aldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
45.	Chloropyriphos	ppb	USEPA 1699-2007	BDL(MDL:30.0)
46.	Carboryl (Carbamate)	ppb	USEPA 1699-2007	BDL(MDL:0.01)
47.	Methyl Parathin	ppb	USEPA 1699-2007	BDL(MDL:0.3)
48.	Anilophos	ppb	USEPA 1699-2007	BDL(MDL:0.01)
49.	Malathian	ppb	USEPA 8081 B	BDL(MDL:190.0)
50.	Total Coliform	MPN/ 100 ml	APHA:9221 B 23 rd Edition (Page: 9-69)	>1600
51.	Fecal Coliform	MPN/ 100 ml	APHA:9222 D 23 rd Edition (Page: 9-89)	1600
52.	Fecal Streptococci	MPN/ 100 ml	IS:1622-1981 (R.A.-1996)	261

Statement of conformity:-

Remarks:

BDL: Below Detection Limit, MDL: Minimum Detection Limit

Mrs. Khushbu S. Gajjar
Technical Manager

Mr. Swastik R. Gajjar
Lab Manager(Q)

* End of Report *

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REPORT NUMBER: **EI/WW/1121/036**

DATE OF REPORT: **07-12-2021**

F/7.8/01/Issue No.01/Issue Date: 01-10-2018/ Amend No.:00 / Amend Date:-- / Page 2 of 2

TEST REPORT

REPORT NUMBER: EI/WW/1121/037**DATE OF REPORT: 07-12-2021****CLIENT NAME : POLLUTION CONTROL COMMITTEE,****Dadra and Nagar Haveli and Daman and Diu****ADDRESS : 1st Floor, Udyog Bhavan, Bhenslore, Daman- 396220,INDIA****SAMPLE DETAILS.**

Laboratory ID : EI/WW/1121/037	Date of Sampling : 30-11-2021
Sample Type : Surface Water	Date of Sample Receipt : 30-11-2021
Type of Sampling : Grab	Sample Condition : Good
Place of Sampling : At N.H.No.8,Vapi (Kolak River)	Quantity of Sample Received : 5 Liter
Description (GPS) : N 20°25'24.2", E72°54'57.28"	Analysis Start Date : 30-11-2021
Sampling Protocol / Standard : IS3025 (Part 1):1987(R.A.2003)	Analysis End Date : 07-12-2021
Sampling Conducted By : SRG	Duration of Sampling : -

Sl. No	PARAMETER	UNIT	TEST METHOD	RESULTS
1.	Temperature	°C	APHA:2550 B 23 rd Edition (Page: 2-74)	28.3
2.	pH @ 25°C	pH	APHA:4500 H ⁺ B 23 rd Edition (Page: 4-13)	7.29
3.	Conductivity	µs/cm	IS:3025 (Part-14)	287
4.	Dissolve Oxygen	mg/L	IS:3025 (Part-38)	6.8
5.	Biological Oxygen Demand	mg/L	IS:3025 (Part-44)(3 Days at 27°C)	5.81
6.	Nitrate as N	mg/L	IS:3025 (Part-44)	0.7
7.	Ammonia as N	mg/L	APHA:4500 NH ₃ -B-C 23 rd Edition (Page: 4-114)	BDL(MDL:2.0)
8.	Chemical Oxygen Demand	mg/L	APHA:5220 B 23 rd Edition (Page: 5-18)	14.92
9.	Total Kjeldahl Nitrogen	mg/L	IS:3025 (Part-34)	BDL(MDL:2.0)
10.	Total Dissolve Solids	mg/L	APHA:2540 C 23 rd Edition (Page: 2-69)	198
11.	Total Fixed Solids	mg/L	IS:3025 (Part-18)	97
12.	Total Suspended Solids	mg/L	APHA:2540 B 23 rd Edition (Page: 2-70)	8
13.	Turbidity	NTU	IS:3025 (Part-10)	1.7
14.	Hardness	mg/L	IS:3025 (Part-21)	140
15.	Fluoride	mg/L	IS:3025 (Part-60)	BDL(MDL:0.1)
16.	Boron	mg/L	IS:3025 (Part-57)	ND
17.	Chloride	mg/L	APHA:4500 Cl ⁻ B 23 rd Edition (Page: 4-75)	12.8
18.	Sulphate	mg/L	IS:3025 (Part-28)	74
19.	Total Alkalinity	mg/L	IS:3025 (Part-23)	83
20.	P-Alkalinity	mg/L	IS:3025 (Part-23)	BDL(MDL:4.0)
21.	Phosphate	mg/L	IS:3550 -1965	0.41
22.	Sodium	mg/L	IS:3025 (Part-45)	12.35
23.	Potassium	mg/L	IS:3025 (Part-45)	BDL(MDL:1.0)
24.	Calcium	mg/L	IS:3025 (Part-40)	33.78
25.	Magnesium	mg/L	IS:3025 (Part-46)	8.76

26.	Arsenic	mg/L	IS:3025 (Part-37)	BDL(MDL:0.01)
27.	Nickel	mg/L	IS:3025 (Part-54)	BDL(MDL:0.02)
28.	Copper	mg/L	IS:3025 (Part-42)	BDL(MDL:0.05)
29.	Mercury	mg/L	IS:3025 (Part-48)	BDL(MDL:0.001)
30.	Chromium	mg/L	IS:3025 (Part-52)	BDL(MDL:0.05)
31.	Cadmium	mg/L	IS:3025 (Part-41)	BDL(MDL:0.003)
32.	Zinc	mg/L	IS:3025 (Part-49)	BDL(MDL:0.05)
33.	Lead	mg/L	IS:3025 (Part-47)	BDL(MDL:0.01)
34.	Iron	mg/L	IS:3025 (Part-53)	0.187
35.	Alpha BHC	ppb	USEPA 8081 A	BDL(MDL:0.01)
36.	Beta BHC	ppb	USEPA 8081 A	BDL(MDL:0.04)
37.	Gama BHC	ppb	USEPA 8081 A	BDL(MDL:2.0)
38.	OP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
39.	PP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
40.	Alpha Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
41.	Beta Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
42.	Dieldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
43.	2-4 D	ppb	USEPA 1699-2007	BDL(MDL:30.0)
44.	Aldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
45.	Chloropyriphos	ppb	USEPA 1699-2007	BDL(MDL:30.0)
46.	Carboryl (Carbamate)	ppb	USEPA 1699-2007	BDL(MDL:0.01)
47.	Methyl Parathin	ppb	USEPA 1699-2007	BDL(MDL:0.3)
48.	Anilophos	ppb	USEPA 1699-2007	BDL(MDL:0.01)
49.	Malathian	ppb	USEPA 8081 B	BDL(MDL:190.0)
50.	Total Coliform	MPN/ 100 ml	APHA:9221 B 23 rd Edition (Page: 9-69)	295
51.	Fecal Coliform	MPN/ 100 ml	APHA:9222 D 23 rd Edition (Page: 9-89)	147
52.	Fecal Streptococci	MPN/ 100 ml	IS:1622-1981 (R.A.-1996)	40

Statement of conformity:-

Remarks:

BDL: Below Detection Limit, MDL: Minimum Detection Limit

Mrs. Khushbu S. Gajjar
Technical Manager

Mr. Swastik R. Gajjar
Lab Manager(Q)

* End of Report *

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REPORT NUMBER: **EI/WW/1121/037**

DATE OF REPORT: **07-12-2021**

F/7.8/01/Issue No.01/Issue Date: 01-10-2018/ Amend No.:00 / Amend Date:-- / Page 2 of 2

TEST REPORT

REPORT NUMBER:EI/WW/1221/060

DATE OF REPORT: 03-01-2022

CLIENT NAME : POLLUTION CONTROL COMMITTEE,

Dadra and Nagar Haveli and Daman and Diu

ADDRESS : 1st Floor, Udyog Bhavan, Bhenslore, Daman- 396220,INDIA

SAMPLE DETAILS.

Laboratory ID	: EI/WW/1221/060	Date of Sampling	: 24-12-2021
Sample Type	: Surface Water	Date of Sample Receipt	: 24-12-2021
Type of Sampling	: Grab	Sample Condition	: Good
Place of Sampling	: D/s of Madhuban Dam	Quantity of Sample Received	: 5 Liter
Description (GPS)	: N 20°12'57", E 73°2'29"	Analysis Start Date	: 24-12-2021
Sampling Protocol / Standard	: IS3025 (Part 1):1987(R.A.2003)	Analysis End Date	: 03-01-2022
Sampling Conducted By	: SRG	Duration of Sampling	: -

Sl. No	PARAMETER	UNIT	TEST METHOD	RESULTS
1.	Temperature	°C	APHA:2550 B 23 rd Edition (Page: 2-74)	26.2
2.	pH @ 25°C	pH	APHA:4500 H ⁺ B 23 rd Edition (Page: 4-13)	7.76
3.	Conductivity	µs/cm	IS:3025 (Part-14)	158
4.	Dissolve Oxygen	mg/L	IS:3025 (Part-38)	7.0
5.	Biological Oxygen Demand	mg/L	IS:3025 (Part-44)(3 Days at 27°C)	BDL(MDL:1.0)
6.	Nitrate as N	mg/L	IS:3025 (Part-44)	BDL(MDL:0.1)
7.	Ammonia as N	mg/L	APHA:4500 NH ₃ -B-C 23 rd Edition (Page: 4-114)	BDL(MDL:2.0)
8.	Chemical Oxygen Demand	mg/L	APHA:5220 B 23 rd Edition (Page: 5-18)	BDL(MDL:2.0)
9.	Total Kjeldahl Nitrogen	mg/L	IS:3025 (Part-34)	BDL(MDL:2.0)
10.	Total Dissolve Solids	mg/L	APHA:2540 C 23 rd Edition (Page: 2-69)	99
11.	Total Fixed Solids	mg/L	IS:3025 (Part-18)	78
12.	Total Suspended Solids	mg/L	APHA:2540 B 23 rd Edition (Page: 2-70)	BDL(MDL:4.0)
13.	Turbidity	NTU	IS:3025 (Part-10)	0.8
14.	Hardness	mg/L	IS:3025 (Part-21)	89
15.	Fluoride	mg/L	IS:3025 (Part-60)	BDL(MDL:0.1)
16.	Boron	mg/L	IS:3025 (Part-57)	ND
17.	Chloride	mg/L	APHA:4500 Cl ⁻ B 23 rd Edition (Page: 4-75)	4.9
18.	Sulphate	mg/L	IS:3025 (Part-28)	5.7
19.	Total Alkalinity	mg/L	IS:3025 (Part-23)	48
20.	P-Alkalinity	mg/L	IS:3025 (Part-23)	BDL(MDL:4.0)
21.	Phosphate	mg/L	IS:3550 -1965	BDL(MDL:0.1)
22.	Sodium	mg/L	IS:3025 (Part-45)	12.8
23.	Potassium	mg/L	IS:3025 (Part-45)	BDL(MDL:1.0)
24.	Calcium	mg/L	IS:3025 (Part-40)	23.074
25.	Magnesium	mg/L	IS:3025 (Part-46)	6.9
26.	Arsenic	mg/L	IS:3025 (Part-37)	BDL(MDL:0.01)

27.	Nickel	mg/L	IS:3025 (Part-54)	BDL(MDL:0.02)
28.	Copper	mg/L	IS:3025 (Part-42)	BDL(MDL:0.05)
29.	Mercury	mg/L	IS:3025 (Part-48)	BDL(MDL:0.001)
30.	Chromium	mg/L	IS:3025 (Part-52)	BDL(MDL:0.05)
31.	Cadmium	mg/L	IS:3025 (Part-41)	BDL(MDL:0.003)
32.	Zinc	mg/L	IS:3025 (Part-49)	BDL(MDL:0.05)
33.	Lead	mg/L	IS:3025 (Part-47)	BDL(MDL:0.01)
34.	Iron	mg/L	IS:3025 (Part-53)	BDL(MDL:0.01)
35.	Alpha BHC	ppb	USEPA 8081 A	BDL(MDL:0.01)
36.	Beta BHC	ppb	USEPA 8081 A	BDL(MDL:0.04)
37.	Gama BHC	ppb	USEPA 8081 A	BDL(MDL:2.0)
38.	OP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
39.	PP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
40.	Alpha Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
41.	Beta Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
42.	Dieldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
43.	2-4 D	ppb	USEPA 1699-2007	BDL(MDL:30.0)
44.	Aldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
45.	Chloropyriphos	ppb	USEPA 1699-2007	BDL(MDL:30.0)
46.	Carboryl (Carbamate)	ppb	USEPA 1699-2007	BDL(MDL:0.01)
47.	Methyl Parathin	ppb	USEPA 1699-2007	BDL(MDL:0.3)
48.	Anilophos	ppb	USEPA 1699-2007	BDL(MDL:0.01)
49.	Malathian	ppb	USEPA 8081 B	BDL(MDL:190.0)
50.	Total Coliform	MPN/ 100 ml	APHA:9221 B 23 rd Edition (Page: 9-69)	37
51.	Fecal Coliform	MPN/ 100 ml	APHA:9222 D 23 rd Edition (Page: 9-89)	6
52.	Fecal Streptococci	MPN/ 100 ml	IS:1622-1981 (R.A.-1996)	4

Statement of conformity:-

Remarks:

BDL: Below Detection Limit, MDL: Minimum Detection Limit

Mrs. Khushbu S. Gajjar
Technical Manager

Mr. Swastik R. Gajjar
Lab Manager(Q)

* End of Report *

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REPORT NUMBER: **EI/WW/1221/060**

DATE OF REPORT: **03-01-2022**

F/7.8/01/Issue No.01/Issue Date: 01-10-2018/ Amend No.:00 / Amend Date:-- / Page 2 of 2

TEST REPORT

REPORT NUMBER: EI/WW/1221/061**DATE OF REPORT: 03-01-2022****CLIENT NAME : POLLUTION CONTROL COMMITTEE,****Dadra and Nagar Haveli and Daman and Diu****ADDRESS : 1st Floor, Udyog Bhavan, Bhenslore, Daman- 396220,INDIA****SAMPLE DETAILS.**

Laboratory ID	: EI/WW/1221/061	Date of Sampling	: 24-12-2021
Sample Type	: Surface Water	Date of Sample Receipt	: 24-12-2021
Type of Sampling	: Grab	Sample Condition	: Good
Place of Sampling	: D/s of Naroli Bridge,Silvassa,DNH	Quantity of Sample Received	: 5 Liter
Description (GPS)	: N 20°16'7", E 72°59'21"	Analysis Start Date	: 24-12-2021
Sampling Protocol / Standard	: IS3025 (Part 1):1987(R.A.2003)	Analysis End Date	: 03-01-2022
Sampling Conducted By	: SRG	Duration of Sampling	: -

Sl. No	PARAMETER	UNIT	TEST METHOD	RESULTS
1.	Temperature	°C	APHA:2550 B 23 rd Edition (Page: 2-74)	26.4
2.	pH @ 25°C	pH	APHA:4500 H ⁺ B 23 rd Edition (Page: 4-13)	7.60
3.	Conductivity	µs/cm	IS:3025 (Part-14)	184
4.	Dissolve Oxygen	mg/L	IS:3025 (Part-38)	7.4
5.	Biological Oxygen Demand	mg/L	IS:3025 (Part-44)(3 Days at 27°C)	BDL(MDL:1.0)
6.	Nitrate as N	mg/L	IS:3025 (Part-44)	0.3
7.	Ammonia as N	mg/L	APHA:4500 NH ₃ -B-C 23 rd Edition (Page: 4-114)	BDL(MDL:2.0)
8.	Chemical Oxygen Demand	mg/L	APHA:5220 B 23 rd Edition (Page: 5-18)	BDL(MDL:2.0)
9.	Total Kjeldahl Nitrogen	mg/L	IS:3025 (Part-34)	BDL(MDL:2.0)
10.	Total Dissolve Solids	mg/L	APHA:2540 C 23 rd Edition (Page: 2-69)	123
11.	Total Fixed Solids	mg/L	IS:3025 (Part-18)	98
12.	Total Suspended Solids	mg/L	APHA:2540 B 23 rd Edition (Page: 2-70)	10
13.	Turbidity	NTU	IS:3025 (Part-10)	1.1
14.	Hardness	mg/L	IS:3025 (Part-21)	86
15.	Fluoride	mg/L	IS:3025 (Part-60)	BDL(MDL:0.1)
16.	Boron	mg/L	IS:3025 (Part-57)	ND
17.	Chloride	mg/L	APHA:4500 Cl ⁻ B 23 rd Edition (Page: 4-75)	11.7
18.	Sulphate	mg/L	IS:3025 (Part-28)	6.1
19.	Total Alkalinity	mg/L	IS:3025 (Part-23)	60
20.	P-Alkalinity	mg/L	IS:3025 (Part-23)	BDL(MDL:4.0)
21.	Phosphate	mg/L	IS:3550 -1965	BDL(MDL:0.1)
22.	Sodium	mg/L	IS:3025 (Part-45)	19.8
23.	Potassium	mg/L	IS:3025 (Part-45)	BDL(MDL:1.0)
24.	Calcium	mg/L	IS:3025 (Part-40)	24.2
25.	Magnesium	mg/L	IS:3025 (Part-46)	5.6

26.	Arsenic	mg/L	IS:3025 (Part-37)	BDL(MDL:0.01)
27.	Nickel	mg/L	IS:3025 (Part-54)	BDL(MDL:0.02)
28.	Copper	mg/L	IS:3025 (Part-42)	BDL(MDL:0.05)
29.	Mercury	mg/L	IS:3025 (Part-48)	BDL(MDL:0.001)
30.	Chromium	mg/L	IS:3025 (Part-52)	BDL(MDL:0.05)
31.	Cadmium	mg/L	IS:3025 (Part-41)	BDL(MDL:0.003)
32.	Zinc	mg/L	IS:3025 (Part-49)	0.64
33.	Lead	mg/L	IS:3025 (Part-47)	BDL(MDL:0.01)
34.	Iron	mg/L	IS:3025 (Part-53)	BDL(MDL:0.01)
35.	Alpha BHC	ppb	USEPA 8081 A	BDL(MDL:0.01)
36.	Beta BHC	ppb	USEPA 8081 A	BDL(MDL:0.04)
37.	Gama BHC	ppb	USEPA 8081 A	BDL(MDL:2.0)
38.	OP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
39.	PP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
40.	Alpha Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
41.	Beta Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
42.	Dieldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
43.	2-4 D	ppb	USEPA 1699-2007	BDL(MDL:30.0)
44.	Aldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
45.	Chloropyriphos	ppb	USEPA 1699-2007	BDL(MDL:30.0)
46.	Carboryl (Carbamate)	ppb	USEPA 1699-2007	BDL(MDL:0.01)
47.	Methyl Parathin	ppb	USEPA 1699-2007	BDL(MDL:0.3)
48.	Anilophos	ppb	USEPA 1699-2007	BDL(MDL:0.01)
49.	Malathian	ppb	USEPA 8081 B	BDL(MDL:190.0)
50.	Total Coliform	MPN/ 100 ml	APHA:9221 B 23 rd Edition (Page: 9-69)	36
51.	Fecal Coliform	MPN/ 100 ml	APHA:9222 D 23 rd Edition (Page: 9-89)	18
52.	Fecal Streptococci	MPN/ 100 ml	IS:1622-1981 (R.A.-1996)	8

Statement of conformity:-

Remarks:

BDL: Below Detection Limit, MDL: Minimum Detection Limit

Mrs. Khushbu S. Gajjar
Technical Manager

Mr. Swastik R. Gajjar
Lab Manager(Q)

* End of Report *

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REPORT NUMBER: **EI/WW/1221/061**

DATE OF REPORT: **03-01-2022**

F/7.8/01/Issue No.01/Issue Date: 01-10-2018/ Amend No.:00 / Amend Date:-- / Page 2 of 2

TEST REPORT

REPORT NUMBER:EI/WW/1221/062**DATE OF REPORT: 03-01-2022****CLIENT NAME : POLLUTION CONTROL COMMITTEE,****Dadra and Nagar Haveli and Daman and Diu****ADDRESS : 1st Floor, Udyog Bhavan, Bhenslore, Daman- 396220,INDIA****SAMPLE DETAILS.**

Laboratory ID	: EI/WW/1221/062	Date of Sampling	: 24-12-2021
Sample Type	: Surface Water	Date of Sample Receipt	: 24-12-2021
Type of Sampling	: Grab	Sample Condition	: Good
Place of Sampling	: At Lawacha Temple	Quantity of Sample Received	: 5 Liter
Description (GPS)	: N 20°18'33.2", E 72°57'35.9"	Analysis Start Date	: 24-12-2021
Sampling Protocol / Standard	: IS3025 (Part 1):1987(R.A.2003)	Analysis End Date	: 03-01-2022
Sampling Conducted By	: SRG	Duration of Sampling	: -

Sl. No	PARAMETER	UNIT	TEST METHOD	RESULTS
1.	Temperature	°C	APHA:2550 B 23 rd Edition (Page: 2-74)	26.8
2.	pH @ 25°C	pH	APHA:4500 H ⁺ B 23 rd Edition (Page: 4-13)	7.53
3.	Conductivity	µs/cm	IS:3025 (Part-14)	202
4.	Dissolve Oxygen	mg/L	IS:3025 (Part-38)	7.4
5.	Biological Oxygen Demand	mg/L	IS:3025 (Part-44)(3 Days at 27°C)	BDL(MDL:1.0)
6.	Nitrate as N	mg/L	IS:3025 (Part-44)	BDL(MDL:0.1)
7.	Ammonia as N	mg/L	APHA:4500 NH ₃ -B-C 23 rd Edition (Page: 4-114)	BDL(MDL:2.0)
8.	Chemical Oxygen Demand	mg/L	APHA:5220 B 23 rd Edition (Page: 5-18)	BDL(MDL:2.0)
9.	Total Kjeldahl Nitrogen	mg/L	IS:3025 (Part-34)	BDL(MDL:2.0)
10.	Total Dissolve Solids	mg/L	APHA:2540 C 23 rd Edition (Page: 2-69)	136
11.	Total Fixed Solids	mg/L	IS:3025 (Part-18)	97
12.	Total Suspended Solids	mg/L	APHA:2540 B 23 rd Edition (Page: 2-70)	10
13.	Turbidity	NTU	IS:3025 (Part-10)	0.8
14.	Hardness	mg/L	IS:3025 (Part-21)	119
15.	Fluoride	mg/L	IS:3025 (Part-60)	0.42
16.	Boron	mg/L	IS:3025 (Part-57)	ND
17.	Chloride	mg/L	APHA:4500 Cl ⁻ B 23 rd Edition (Page: 4-75)	11.4
18.	Sulphate	mg/L	IS:3025 (Part-28)	9.8
19.	Total Alkalinity	mg/L	IS:3025 (Part-23)	72
20.	P-Alkalinity	mg/L	IS:3025 (Part-23)	BDL(MDL:4.0)
21.	Phosphate	mg/L	IS:3550 -1965	0.14
22.	Sodium	mg/L	IS:3025 (Part-45)	17.3
23.	Potassium	mg/L	IS:3025 (Part-45)	BDL(MDL:1.0)
24.	Calcium	mg/L	IS:3025 (Part-40)	31.041
25.	Magnesium	mg/L	IS:3025 (Part-46)	6.2
26.	Arsenic	mg/L	IS:3025 (Part-37)	BDL(MDL:0.01)

27.	Nickel	mg/L	IS:3025 (Part-54)	BDL(MDL:0.02)
28.	Copper	mg/L	IS:3025 (Part-42)	BDL(MDL:0.05)
29.	Mercury	mg/L	IS:3025 (Part-48)	BDL(MDL:0.001)
30.	Chromium	mg/L	IS:3025 (Part-52)	BDL(MDL:0.05)
31.	Cadmium	mg/L	IS:3025 (Part-41)	BDL(MDL:0.003)
32.	Zinc	mg/L	IS:3025 (Part-49)	BDL(MDL:0.05)
33.	Lead	mg/L	IS:3025 (Part-47)	BDL(MDL:0.01)
34.	Iron	mg/L	IS:3025 (Part-53)	BDL(MDL:0.01)
35.	Alpha BHC	ppb	USEPA 8081 A	BDL(MDL:0.01)
36.	Beta BHC	ppb	USEPA 8081 A	BDL(MDL:0.04)
37.	Gama BHC	ppb	USEPA 8081 A	BDL(MDL:2.0)
38.	OP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
39.	PP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
40.	Alpha Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
41.	Beta Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
42.	Dieldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
43.	2-4 D	ppb	USEPA 1699-2007	BDL(MDL:30.0)
44.	Aldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
45.	Chloropyriphos	ppb	USEPA 1699-2007	BDL(MDL:30.0)
46.	Carboryl (Carbamate)	ppb	USEPA 1699-2007	BDL(MDL:0.01)
47.	Methyl Parathin	ppb	USEPA 1699-2007	BDL(MDL:0.3)
48.	Anilophos	ppb	USEPA 1699-2007	BDL(MDL:0.01)
49.	Malathian	ppb	USEPA 8081 B	BDL(MDL:190.0)
50.	Total Coliform	MPN/ 100 ml	APHA:9221 B 23 rd Edition (Page: 9-69)	84
51.	Fecal Coliform	MPN/ 100 ml	APHA:9222 D 23 rd Edition (Page: 9-89)	40
52.	Fecal Streptococci	MPN/ 100 ml	IS:1622-1981 (R.A.-1996)	14

Statement of conformity:-

Remarks:

BDL: Below Detection Limit, MDL: Minimum Detection Limit

Mrs. Khushbu S. Gajjar
Technical Manager

Mr. Swastik R. Gajjar
Lab Manager(Q)

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REPORT NUMBER: **EI/WW/1221/062**

DATE OF REPORT: **03-01-2022**

F/7.8/01/Issue No.01/Issue Date: 01-10-2018/ Amend No.:00 / Amend Date:-- / Page 2 of 2

TEST REPORT

REPORT NUMBER:EI/WW/1221/063

DATE OF REPORT: 03-01-2022

CLIENT NAME : POLLUTION CONTROL COMMITTEE,

Dadra and Nagar Haveli and Daman and Diu

ADDRESS : 1st Floor, Udyog Bhavan, Bhenslore, Daman- 396220,INDIA

SAMPLE DETAILS.

Laboratory ID : EI/WW/1221/063	Date of Sampling : 24-12-2021
Sample Type : Surface Water	Date of Sample Receipt : 24-12-2021
Type of Sampling : Grab	Sample Condition : Good
Place of Sampling : Near Surat Beverages, Dadra,DNH	Quantity of Sample Received : 5 Liter
Description (GPS) : N20°18'33.2568",E72°57'35.8122"	Analysis Start Date : 24-12-2021
Sampling Protocol / Standard : IS3025 (Part 1):1987(R.A.2003)	Analysis End Date : 03-01-2022
Sampling Conducted By : SRG	Duration of Sampling : -

Sl. No	PARAMETER	UNIT	TEST METHOD	RESULTS
1.	Temperature	°C	APHA:2550 B 23 rd Edition (Page: 2-74)	27.2
2.	pH @ 25°C	pH	APHA:4500 H ⁺ B 23 rd Edition (Page: 4-13)	7.61
3.	Conductivity	µs/cm	IS:3025 (Part-14)	218
4.	Dissolve Oxygen	mg/L	IS:3025 (Part-38)	6.9
5.	Biological Oxygen Demand	mg/L	IS:3025 (Part-44)(3 Days at 27°C)	BDL(MDL:1.0)
6.	Nitrate as N	mg/L	IS:3025 (Part-44)	0.5
7.	Ammonia as N	mg/L	APHA:4500 NH ₃ -B-C 23 rd Edition (Page: 4-114)	BDL(MDL:2.0)
8.	Chemical Oxygen Demand	mg/L	APHA:5220 B 23 rd Edition (Page: 5-18)	BDL(MDL:2.0)
9.	Total Kjeldahl Nitrogen	mg/L	IS:3025 (Part-34)	BDL(MDL:2.0)
10.	Total Dissolve Solids	mg/L	APHA:2540 C 23 rd Edition (Page: 2-69)	146
11.	Total Fixed Solids	mg/L	IS:3025 (Part-18)	104
12.	Total Suspended Solids	mg/L	APHA:2540 B 23 rd Edition (Page: 2-70)	9
13.	Turbidity	NTU	IS:3025 (Part-10)	1.9
14.	Hardness	mg/L	IS:3025 (Part-21)	108
15.	Fluoride	mg/L	IS:3025 (Part-60)	BDL(MDL:0.1)
16.	Boron	mg/L	IS:3025 (Part-57)	ND
17.	Chloride	mg/L	APHA:4500 Cl ⁻ B 23 rd Edition (Page: 4-75)	9.8
18.	Sulphate	mg/L	IS:3025 (Part-28)	9.9
19.	Total Alkalinity	mg/L	IS:3025 (Part-23)	72
20.	P-Alkalinity	mg/L	IS:3025 (Part-23)	BDL(MDL:4.0)
21.	Phosphate	mg/L	IS:3550 -1965	BDL(MDL:0.1)
22.	Sodium	mg/L	IS:3025 (Part-45)	17.8
23.	Potassium	mg/L	IS:3025 (Part-45)	BDL(MDL:1.0)
24.	Calcium	mg/L	IS:3025 (Part-40)	25.7
25.	Magnesium	mg/L	IS:3025 (Part-46)	12.38

26.	Arsenic	mg/L	IS:3025 (Part-37)	BDL(MDL:0.01)
27.	Nickel	mg/L	IS:3025 (Part-54)	BDL(MDL:0.02)
28.	Copper	mg/L	IS:3025 (Part-42)	BDL(MDL:0.05)
29.	Mercury	mg/L	IS:3025 (Part-48)	BDL(MDL:0.001)
30.	Chromium	mg/L	IS:3025 (Part-52)	BDL(MDL:0.05)
31.	Cadmium	mg/L	IS:3025 (Part-41)	BDL(MDL:0.003)
32.	Zinc	mg/L	IS:3025 (Part-49)	BDL(MDL:0.05)
33.	Lead	mg/L	IS:3025 (Part-47)	BDL(MDL:0.01)
34.	Iron	mg/L	IS:3025 (Part-53)	BDL(MDL:0.01)
35.	Alpha BHC	ppb	USEPA 8081 A	BDL(MDL:0.01)
36.	Beta BHC	ppb	USEPA 8081 A	BDL(MDL:0.04)
37.	Gama BHC	ppb	USEPA 8081 A	BDL(MDL:2.0)
38.	OP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
39.	PP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
40.	Alpha Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
41.	Beta Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
42.	Dieldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
43.	2-4 D	ppb	USEPA 1699-2007	BDL(MDL:30.0)
44.	Aldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
45.	Chloropyriphos	ppb	USEPA 1699-2007	BDL(MDL:30.0)
46.	Carboryl (Carbamate)	ppb	USEPA 1699-2007	BDL(MDL:0.01)
47.	Methyl Parathin	ppb	USEPA 1699-2007	BDL(MDL:0.3)
48.	Anilophos	ppb	USEPA 1699-2007	BDL(MDL:0.01)
49.	Malathian	ppb	USEPA 8081 B	BDL(MDL:190.0)
50.	Total Coliform	MPN/ 100 ml	APHA:9221 B 23 rd Edition (Page: 9-69)	18
51.	Fecal Coliform	MPN/ 100 ml	APHA:9222 D 23 rd Edition (Page: 9-89)	9
52.	Fecal Streptococci	MPN/ 100 ml	IS:1622-1981 (R.A.-1996)	7

Statement of conformity:-

Remarks:

BDL: Below Detection Limit, MDL: Minimum Detection Limit

Mrs. Khushbu S. Gajjar
Technical Manager

Mr. Swastik R. Gajjar
Lab Manager(Q)

* End of Report *

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REPORT NUMBER: **EI/WW/1221/063**

DATE OF REPORT: **03-01-2022**

F/7.8/01/Issue No.01/Issue Date: 01-10-2018/ Amend No.:00 / Amend Date:-- / Page 2 of 2

TEST REPORT

REPORT NUMBER:EI/WW/1221/064**DATE OF REPORT: 03-01-2022****CLIENT NAME : POLLUTION CONTROL COMMITTEE,****Dadra and Nagar Haveli and Daman and Diu****ADDRESS : 1st Floor, Udyog Bhavan, Bhenslore, Daman- 396220,INDIA****SAMPLE DETAILS.**

Laboratory ID	: EI/WW/1221/064	Date of Sampling	: 24-12-2021
Sample Type	: Surface Water	Date of Sample Receipt	: 24-12-2021
Type of Sampling	: Grab	Sample Condition	: Good
Place of Sampling	: At Vapi Weir, Vapi	Quantity of Sample Received	: 5 Liter
Description (GPS)	: N 20°20'23.42", E 72°54'34.49"	Analysis Start Date	: 24-12-2021
Sampling Protocol / Standard	: IS3025 (Part 1):1987(R.A.2003)	Analysis End Date	: 03-01-2022
Sampling Conducted By	: SRG	Duration of Sampling	: -

Sl. No	PARAMETER	UNIT	TEST METHOD	RESULTS
1.	Temperature	°C	APHA:2550 B 23 rd Edition (Page: 2-74)	26.8
2.	pH @ 25°C	pH	APHA:4500 H ⁺ B 23 rd Edition (Page: 4-13)	7.74
3.	Conductivity	µs/cm	IS:3025 (Part-14)	195
4.	Dissolve Oxygen	mg/L	IS:3025 (Part-38)	5.8
5.	Biological Oxygen Demand	mg/L	IS:3025 (Part-44)(3 Days at 27°C)	14.27
6.	Nitrate as N	mg/L	IS:3025 (Part-44)	3.8
7.	Ammonia as N	mg/L	APHA:4500 NH ₃ -B-C 23 rd Edition (Page: 4-114)	BDL(MDL:2.0)
8.	Chemical Oxygen Demand	mg/L	APHA:5220 B 23 rd Edition (Page: 5-18)	48
9.	Total Kjeldahl Nitrogen	mg/L	IS:3025 (Part-34)	BDL(MDL:2.0)
10.	Total Dissolve Solids	mg/L	APHA:2540 C 23 rd Edition (Page: 2-69)	124
11.	Total Fixed Solids	mg/L	IS:3025 (Part-18)	118
12.	Total Suspended Solids	mg/L	APHA:2540 B 23 rd Edition (Page: 2-70)	15
13.	Turbidity	NTU	IS:3025 (Part-10)	1.5
14.	Hardness	mg/L	IS:3025 (Part-21)	116
15.	Fluoride	mg/L	IS:3025 (Part-60)	BDL(MDL:0.1)
16.	Boron	mg/L	IS:3025 (Part-57)	ND
17.	Chloride	mg/L	APHA:4500 Cl ⁻ B 23 rd Edition (Page: 4-75)	17.8
18.	Sulphate	mg/L	IS:3025 (Part-28)	73.5
19.	Total Alkalinity	mg/L	IS:3025 (Part-23)	76
20.	P-Alkalinity	mg/L	IS:3025 (Part-23)	BDL(MDL:4.0)
21.	Phosphate	mg/L	IS:3550 -1965	0.16
22.	Sodium	mg/L	IS:3025 (Part-45)	22.3
23.	Potassium	mg/L	IS:3025 (Part-45)	1.7
24.	Calcium	mg/L	IS:3025 (Part-40)	24.18
25.	Magnesium	mg/L	IS:3025 (Part-46)	8.14
26.	Arsenic	mg/L	IS:3025 (Part-37)	BDL(MDL:0.01)

27.	Nickel	mg/L	IS:3025 (Part-54)	BDL(MDL:0.02)
28.	Copper	mg/L	IS:3025 (Part-42)	BDL(MDL:0.05)
29.	Mercury	mg/L	IS:3025 (Part-48)	BDL(MDL:0.001)
30.	Chromium	mg/L	IS:3025 (Part-52)	BDL(MDL:0.05)
31.	Cadmium	mg/L	IS:3025 (Part-41)	BDL(MDL:0.003)
32.	Zinc	mg/L	IS:3025 (Part-49)	BDL(MDL:0.05)
33.	Lead	mg/L	IS:3025 (Part-47)	BDL(MDL:0.01)
34.	Iron	mg/L	IS:3025 (Part-53)	0.075
35.	Alpha BHC	ppb	USEPA 8081 A	BDL(MDL:0.01)
36.	Beta BHC	ppb	USEPA 8081 A	BDL(MDL:0.04)
37.	Gama BHC	ppb	USEPA 8081 A	BDL(MDL:2.0)
38.	OP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
39.	PP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
40.	Alpha Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
41.	Beta Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
42.	Dieldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
43.	2-4 D	ppb	USEPA 1699-2007	BDL(MDL:30.0)
44.	Aldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
45.	Chloropyriphos	ppb	USEPA 1699-2007	BDL(MDL:30.0)
46.	Carboryl (Carbamate)	ppb	USEPA 1699-2007	BDL(MDL:0.01)
47.	Methyl Parathin	ppb	USEPA 1699-2007	BDL(MDL:0.3)
48.	Anilophos	ppb	USEPA 1699-2007	BDL(MDL:0.01)
49.	Malathian	ppb	USEPA 8081 B	BDL(MDL:190.0)
50.	Total Coliform	MPN/ 100 ml	APHA:9221 B 23 rd Edition (Page: 9-69)	283
51.	Fecal Coliform	MPN/ 100 ml	APHA:9222 D 23 rd Edition (Page: 9-89)	82
52.	Fecal Streptococci	MPN/ 100 ml	IS:1622-1981 (R.A.-1996)	36

Statement of conformity:-

Remarks:

BDL: Below Detection Limit, MDL: Minimum Detection Limit

Mrs. Khushbu S. Gajjar
Technical Manager

Mr. Swastik R. Gajjar
Lab Manager(Q)

* End of Report *

- 1) The results relate only to the items tested.
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REPORT NUMBER:EI/WW/1221/064

DATE OF REPORT: 03-01-2022

F/7.8/01/Issue No.01/Issue Date: 01-10-2018/ Amend No.:00 / Amend Date:-- / Page 2 of 2

TEST REPORT

REPORT NUMBER:EI/WW/1221/065**DATE OF REPORT: 03-01-2022****CLIENT NAME : POLLUTION CONTROL COMMITTEE,****Dadra and Nagar Haveli and Daman and Diu****ADDRESS : 1st Floor, Udyog Bhavan, Bhenslore, Daman- 396220,INDIA****SAMPLE DETAILS.**

Laboratory ID	: EI/WW/1221/065	Date of Sampling	: 24-12-2021
Sample Type	: Surface Water	Date of Sample Receipt	: 24-12-2021
Type of Sampling	: Grab	Sample Condition	: Good
Place of Sampling	: At Namdha Village	Quantity of Sample Received	: 5 Liter
Description (GPS)	: N 20°21'45.8", E 72°52'52.3"	Analysis Start Date	: 24-12-2021
Sampling Protocol / Standard	: IS3025 (Part 1):1987(R.A.2003)	Analysis End Date	: 03-01-2022
Sampling Conducted By	: SRG	Duration of Sampling	: -

Sl. No	PARAMETER	UNIT	TEST METHOD	RESULTS
1.	Temperature	°C	APHA:2550 B 23 rd Edition (Page: 2-74)	27.2
2.	pH @ 25°C	pH	APHA:4500 H ⁺ B 23 rd Edition (Page: 4-13)	7.41
3.	Conductivity	µs/cm	IS:3025 (Part-14)	472
4.	Dissolve Oxygen	mg/L	IS:3025 (Part-38)	4.6
5.	Biological Oxygen Demand	mg/L	IS:3025 (Part-44)(3 Days at 27°C)	14.83
6.	Nitrate as N	mg/L	IS:3025 (Part-44)	1.8
7.	Ammonia as N	mg/L	APHA:4500 NH ₃ -B-C 23 rd Edition (Page: 4-114)	2.8
8.	Chemical Oxygen Demand	mg/L	APHA:5220 B 23 rd Edition (Page: 5-18)	47
9.	Total Kjeldahl Nitrogen	mg/L	IS:3025 (Part-34)	13.8
10.	Total Dissolve Solids	mg/L	APHA:2540 C 23 rd Edition (Page: 2-69)	267
11.	Total Fixed Solids	mg/L	IS:3025 (Part-18)	114
12.	Total Suspended Solids	mg/L	APHA:2540 B 23 rd Edition (Page: 2-70)	21
13.	Turbidity	NTU	IS:3025 (Part-10)	1.7
14.	Hardness	mg/L	IS:3025 (Part-21)	141
15.	Fluoride	mg/L	IS:3025 (Part-60)	BDL(MDL:0.1)
16.	Boron	mg/L	IS:3025 (Part-57)	0.17
17.	Chloride	mg/L	APHA:4500 Cl ⁻ B 23 rd Edition (Page: 4-75)	143
18.	Sulphate	mg/L	IS:3025 (Part-28)	69.7
19.	Total Alkalinity	mg/L	IS:3025 (Part-23)	51
20.	P-Alkalinity	mg/L	IS:3025 (Part-23)	BDL(MDL:4.0)
21.	Phosphate	mg/L	IS:3550 -1965	0.3
22.	Sodium	mg/L	IS:3025 (Part-45)	124.2
23.	Potassium	mg/L	IS:3025 (Part-45)	5.9
24.	Calcium	mg/L	IS:3025 (Part-40)	31.25
25.	Magnesium	mg/L	IS:3025 (Part-46)	8.02
26.	Arsenic	mg/L	IS:3025 (Part-37)	BDL(MDL:0.01)

27.	Nickel	mg/L	IS:3025 (Part-54)	BDL(MDL:0.02)
28.	Copper	mg/L	IS:3025 (Part-42)	BDL(MDL:0.05)
29.	Mercury	mg/L	IS:3025 (Part-48)	BDL(MDL:0.001)
30.	Chromium	mg/L	IS:3025 (Part-52)	BDL(MDL:0.05)
31.	Cadmium	mg/L	IS:3025 (Part-41)	BDL(MDL:0.003)
32.	Zinc	mg/L	IS:3025 (Part-49)	BDL(MDL:0.05)
33.	Lead	mg/L	IS:3025 (Part-47)	BDL(MDL:0.01)
34.	Iron	mg/L	IS:3025 (Part-53)	0.697
35.	Alpha BHC	ppb	USEPA 8081 A	BDL(MDL:0.01)
36.	Beta BHC	ppb	USEPA 8081 A	BDL(MDL:0.04)
37.	Gama BHC	ppb	USEPA 8081 A	BDL(MDL:2.0)
38.	OP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
39.	PP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
40.	Alpha Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
41.	Beta Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
42.	Dieldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
43.	2-4 D	ppb	USEPA 1699-2007	BDL(MDL:30.0)
44.	Aldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
45.	Chloropyriphos	ppb	USEPA 1699-2007	BDL(MDL:30.0)
46.	Carboryl (Carbamate)	ppb	USEPA 1699-2007	BDL(MDL:0.01)
47.	Methyl Parathin	ppb	USEPA 1699-2007	BDL(MDL:0.3)
48.	Anilophos	ppb	USEPA 1699-2007	BDL(MDL:0.01)
49.	Malathian	ppb	USEPA 8081 B	BDL(MDL:190.0)
50.	Total Coliform	MPN/ 100 ml	APHA:9221 B 23 rd Edition (Page: 9-69)	610
51.	Fecal Coliform	MPN/ 100 ml	APHA:9222 D 23 rd Edition (Page: 9-89)	362
52.	Fecal Streptococci	MPN/ 100 ml	IS:1622-1981 (R.A.-1996)	54

Statement of conformity:-

Remarks:

BDL: Below Detection Limit, MDL: Minimum Detection Limit

Mrs. Khushbu S. Gajjar
Technical Manager

Mr. Swastik R. Gajjar
Lab Manager(Q)

* End of Report *

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REPORT NUMBER:EI/WW/1221/065

DATE OF REPORT:03-01-2022

F/7.8/01/Issue No.01/Issue Date: 01-10-2018/ Amend No.:00 / Amend Date:-- / Page 2 of 2

TEST REPORT

REPORT NUMBER:EI/WW/1221/066**DATE OF REPORT: 03-01-2022****CLIENT NAME : POLLUTION CONTROL COMMITTEE,****Dadra and Nagar Haveli and Daman and Diu****ADDRESS : 1st Floor, Udyog Bhavan, Bhenslore, Daman- 396220,INDIA****SAMPLE DETAILS.**

Laboratory ID	: EI/WW/1221/066	Date of Sampling	: 24-12-2021
Sample Type	: Surface Water	Date of Sample Receipt	: 24-12-2021
Type of Sampling	: Grab	Sample Condition	: Good
Place of Sampling	: At Zari Causeway,Kachigam	Quantity of Sample Received	: 5 Liter
Description (GPS)	: N 20°22'18.62", E 72°52'50.52"	Analysis Start Date	: 24-12-2021
Sampling Protocol / Standard	: IS3025 (Part 1):1987(R.A.2003)	Analysis End Date	: 03-01-2022
Sampling Conducted By	: SRG	Duration of Sampling	: -

Sl. No	PARAMETER	UNIT	TEST METHOD	RESULTS
1.	Temperature	°C	APHA:2550 B 23 rd Edition (Page: 2-74)	27.4
2.	pH @ 25°C	pH	APHA:4500 H ⁺ B 23 rd Edition (Page: 4-13)	7.40
3.	Conductivity	µs/cm	IS:3025 (Part-14)	3337
4.	Dissolve Oxygen	mg/L	IS:3025 (Part-38)	5.8
5.	Biological Oxygen Demand	mg/L	IS:3025 (Part-44)(3 Days at 27°C)	12.25
6.	Nitrate as N	mg/L	IS:3025 (Part-44)	0.6
7.	Ammonia as N	mg/L	APHA:4500 NH ₃ -B-C 23 rd Edition (Page: 4-114)	4.2
8.	Chemical Oxygen Demand	mg/L	APHA:5220 B 23 rd Edition (Page: 5-18)	38
9.	Total Kjeldahl Nitrogen	mg/L	IS:3025 (Part-34)	6.1
10.	Total Dissolve Solids	mg/L	APHA:2540 C 23 rd Edition (Page: 2-69)	2198
11.	Total Fixed Solids	mg/L	IS:3025 (Part-18)	1194
12.	Total Suspended Solids	mg/L	APHA:2540 B 23 rd Edition (Page: 2-70)	23
13.	Turbidity	NTU	IS:3025 (Part-10)	1.8
14.	Hardness	mg/L	IS:3025 (Part-21)	383
15.	Fluoride	mg/L	IS:3025 (Part-60)	BDL(MDL:0.1)
16.	Boron	mg/L	IS:3025 (Part-57)	0.19
17.	Chloride	mg/L	APHA:4500 Cl ⁻ B 23 rd Edition (Page: 4-75)	1527
18.	Sulphate	mg/L	IS:3025 (Part-28)	317
19.	Total Alkalinity	mg/L	IS:3025 (Part-23)	61
20.	P-Alkalinity	mg/L	IS:3025 (Part-23)	BDL(MDL:4.0)
21.	Phosphate	mg/L	IS:3550 -1965	4.1
22.	Sodium	mg/L	IS:3025 (Part-45)	774.8
23.	Potassium	mg/L	IS:3025 (Part-45)	24.7
24.	Calcium	mg/L	IS:3025 (Part-40)	29.08
25.	Magnesium	mg/L	IS:3025 (Part-46)	6.9
26.	Arsenic	mg/L	IS:3025 (Part-37)	BDL(MDL:0.01)

27.	Nickel	mg/L	IS:3025 (Part-54)	0.012
28.	Copper	mg/L	IS:3025 (Part-42)	BDL(MDL:0.05)
29.	Mercury	mg/L	IS:3025 (Part-48)	BDL(MDL:0.001)
30.	Chromium	mg/L	IS:3025 (Part-52)	BDL(MDL:0.05)
31.	Cadmium	mg/L	IS:3025 (Part-41)	BDL(MDL:0.003)
32.	Zinc	mg/L	IS:3025 (Part-49)	BDL(MDL:0.05)
33.	Lead	mg/L	IS:3025 (Part-47)	BDL(MDL:0.01)
34.	Iron	mg/L	IS:3025 (Part-53)	BDL(MDL:0.01)
35.	Alpha BHC	ppb	USEPA 8081 A	BDL(MDL:0.01)
36.	Beta BHC	ppb	USEPA 8081 A	BDL(MDL:0.04)
37.	Gama BHC	ppb	USEPA 8081 A	BDL(MDL:2.0)
38.	OP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
39.	PP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
40.	Alpha Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
41.	Beta Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
42.	Dieldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
43.	2-4 D	ppb	USEPA 1699-2007	BDL(MDL:30.0)
44.	Aldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
45.	Chloropyriphos	ppb	USEPA 1699-2007	BDL(MDL:30.0)
46.	Carboryl (Carbamate)	ppb	USEPA 1699-2007	BDL(MDL:0.01)
47.	Methyl Parathin	ppb	USEPA 1699-2007	BDL(MDL:0.3)
48.	Anilophos	ppb	USEPA 1699-2007	BDL(MDL:0.01)
49.	Malathian	ppb	USEPA 8081 B	BDL(MDL:190.0)
50.	Total Coliform	MPN/ 100 ml	APHA:9221 B 23 rd Edition (Page: 9-69)	710
51.	Fecal Coliform	MPN/ 100 ml	APHA:9222 D 23 rd Edition (Page: 9-89)	480
52.	Fecal Streptococci	MPN/ 100 ml	IS:1622-1981 (R.A.-1996)	130

Statement of conformity:-

Remarks:

BDL: Below Detection Limit, MDL: Minimum Detection Limit

Mrs. Khushbu S. Gajjar
Technical Manager

Mr. Swastik R. Gajjar
Lab Manager(Q)

* End of Report *

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REPORT NUMBER:EI/WW/1221/066

DATE OF REPORT: 03-01-2022

F/7.8/01/Issue No.01/Issue Date: 01-10-2018/ Amend No.:00 / Amend Date:-- / Page 2 of 2

TEST REPORT

REPORT NUMBER:EI/WW/1221/067**DATE OF REPORT: 03-01-2022****CLIENT NAME : POLLUTION CONTROL COMMITTEE,****Dadra and Nagar Haveli and Daman and Diu****ADDRESS : 1st Floor, Udyog Bhavan, Bhenslore, Daman- 396220,INDIA****SAMPLE DETAILS.**

Laboratory ID	: EI/WW/1221/067	Date of Sampling	: 24-12-2021
Sample Type	: Surface Water	Date of Sample Receipt	: 24-12-2021
Type of Sampling	: Grab	Sample Condition	: Good
Place of Sampling	: At D/s of Discharge Point of Distillery	Quantity of Sample Received	: 5 Liter
Description (GPS)	: N 20°24'0.18", E 72°50'3.1884"	Analysis Start Date	: 24-12-2021
Sampling Protocol / Standard	: IS3025 (Part 1):1987(R.A.2003)	Analysis End Date	: 03-01-2022
Sampling Conducted By	: SRG	Duration of Sampling	: 24-12-2021

Sl. No	PARAMETER	UNIT	TEST METHOD	RESULTS
1.	Temperature	°C	APHA:2550 B 23 rd Edition (Page: 2-74)	27.8
2.	pH @ 25°C	pH	APHA:4500 H ⁺ B 23 rd Edition (Page: 4-13)	7.70
3.	Conductivity	µs/cm	IS:3025 (Part-14)	17843
4.	Dissolve Oxygen	mg/L	IS:3025 (Part-38)	5.4
5.	Biological Oxygen Demand	mg/L	IS:3025 (Part-44)(3 Days at 27°C)	6.1
6.	Nitrate as N	mg/L	IS:3025 (Part-44)	0.5
7.	Ammonia as N	mg/L	APHA:4500 NH ₃ -B-C 23 rd Edition (Page: 4-114)	6.7
8.	Chemical Oxygen Demand	mg/L	APHA:5220 B 23 rd Edition (Page: 5-18)	32.7
9.	Total Kjeldahl Nitrogen	mg/L	IS:3025 (Part-34)	8.1
10.	Total Dissolve Solids	mg/L	APHA:2540 C 23 rd Edition (Page: 2-69)	12133
11.	Total Fixed Solids	mg/L	IS:3025 (Part-18)	6725
12.	Total Suspended Solids	mg/L	APHA:2540 B 23 rd Edition (Page: 2-70)	41
13.	Turbidity	NTU	IS:3025 (Part-10)	2.0
14.	Hardness	mg/L	IS:3025 (Part-21)	2507
15.	Fluoride	mg/L	IS:3025 (Part-60)	0.64
16.	Boron	mg/L	IS:3025 (Part-57)	1.35
17.	Chloride	mg/L	APHA:4500 Cl ⁻ B 23 rd Edition (Page: 4-75)	7819.24
18.	Sulphate	mg/L	IS:3025 (Part-28)	1415.07
19.	Total Alkalinity	mg/L	IS:3025 (Part-23)	168
20.	P-Alkalinity	mg/L	IS:3025 (Part-23)	BDL(MDL:4.0)
21.	Phosphate	mg/L	IS:3550 -1965	0.4
22.	Sodium	mg/L	IS:3025 (Part-45)	2824
23.	Potassium	mg/L	IS:3025 (Part-45)	134
24.	Calcium	mg/L	IS:3025 (Part-40)	183.7
25.	Magnesium	mg/L	IS:3025 (Part-46)	115.9

26.	Arsenic	mg/L	IS:3025 (Part-37)	BDL(MDL:0.01)
27.	Nickel	mg/L	IS:3025 (Part-54)	0.405
28.	Copper	mg/L	IS:3025 (Part-42)	BDL(MDL:0.05)
29.	Mercury	mg/L	IS:3025 (Part-48)	BDL(MDL:0.001)
30.	Chromium	mg/L	IS:3025 (Part-52)	0.085
31.	Cadmium	mg/L	IS:3025 (Part-41)	0.21
32.	Zinc	mg/L	IS:3025 (Part-49)	BDL(MDL:0.05)
33.	Lead	mg/L	IS:3025 (Part-47)	BDL(MDL:0.01)
34.	Iron	mg/L	IS:3025 (Part-53)	0.683
35.	Alpha BHC	ppb	USEPA 8081 A	BDL(MDL:0.01)
36.	Beta BHC	ppb	USEPA 8081 A	BDL(MDL:0.04)
37.	Gama BHC	ppb	USEPA 8081 A	BDL(MDL:2.0)
38.	OP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
39.	PP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
40.	Alpha Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
41.	Beta Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
42.	Dieldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
43.	2-4 D	ppb	USEPA 1699-2007	BDL(MDL:30.0)
44.	Aldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
45.	Chloropyriphos	ppb	USEPA 1699-2007	BDL(MDL:30.0)
46.	Carboryl (Carbamate)	ppb	USEPA 1699-2007	BDL(MDL:0.01)
47.	Methyl Parathin	ppb	USEPA 1699-2007	BDL(MDL:0.3)
48.	Anilophos	ppb	USEPA 1699-2007	BDL(MDL:0.01)
49.	Malathian	ppb	USEPA 8081 B	BDL(MDL:190.0)
50.	Total Coliform	MPN/ 100 ml	APHA:9221 B 23 rd Edition (Page: 9-69)	380
51.	Fecal Coliform	MPN/ 100 ml	APHA:9222 D 23 rd Edition (Page: 9-89)	46
52.	Fecal Streptococci	MPN/ 100 ml	IS:1622-1981 (R.A.-1996)	30

Statement of conformity:-

Remarks:

BDL: Below Detection Limit, MDL: Minimum Detection Limit

Mrs. Khushbu S. Gajjar
Technical Manager

Mr. Swastik R. Gajjar
Lab Manager(Q)

* End of Report *

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REPORT NUMBER: **EI/WW/1221/067**

DATE OF REPORT: **03-01-2022**

F/7.8/01/Issue No.01/Issue Date: 01-10-2018/ Amend No.:00 / Amend Date:-- / Page 2 of 2

TEST REPORT

REPORT NUMBER:EI/WW/1221/068**DATE OF REPORT: 03-01-2022****CLIENT NAME : POLLUTION CONTROL COMMITTEE,****Dadra and Nagar Haveli and Daman and Diu****ADDRESS : 1st Floor, Udyog Bhavan, Bhenslore, Daman- 396220,INDIA****SAMPLE DETAILS.**

Laboratory ID	: EI/WW/1221/068	Date of Sampling	: 24-12-2021
Sample Type	: Surface Water	Date of Sample Receipt	: 24-12-2021
Type of Sampling	: Grab	Sample Condition	: Good
Place of Sampling	: At Moti Daman Jetty	Quantity of Sample Received	: 5 Liter
Description (GPS)	: N 20°24'40.18", E 72°50'3.19"	Analysis Start Date	: 24-12-2021
Sampling Protocol / Standard	: IS3025 (Part 1):1987(R.A.2003)	Analysis End Date	: 03-01-2022
Sampling Conducted By	: SRG	Duration of Sampling	: 24-12-2021

Sl. No	PARAMETER	UNIT	TEST METHOD	RESULTS
1.	Temperature	°C	APHA:2550 B 23 rd Edition (Page: 2-74)	27.7
2.	pH @ 25°C	pH	APHA:4500 H ⁺ B 23 rd Edition (Page: 4-13)	7.90
3.	Conductivity	µs/cm	IS:3025 (Part-14)	24289
4.	Dissolve Oxygen	mg/L	IS:3025 (Part-38)	6.1
5.	Biological Oxygen Demand	mg/L	IS:3025 (Part-44)(3 Days at 27°C)	7.13
6.	Nitrate as N	mg/L	IS:3025 (Part-44)	0.7
7.	Ammonia as N	mg/L	APHA:4500 NH ₃ -B-C 23 rd Edition (Page: 4-114)	6.2
8.	Chemical Oxygen Demand	mg/L	APHA:5220 B 23 rd Edition (Page: 5-18)	12
9.	Total Kjeldahl Nitrogen	mg/L	IS:3025 (Part-34)	5.1
10.	Total Dissolve Solids	mg/L	APHA:2540 C 23 rd Edition (Page: 2-69)	13147
11.	Total Fixed Solids	mg/L	IS:3025 (Part-18)	9618
12.	Total Suspended Solids	mg/L	APHA:2540 B 23 rd Edition (Page: 2-70)	164
13.	Turbidity	NTU	IS:3025 (Part-10)	1.6
14.	Hardness	mg/L	IS:3025 (Part-21)	753
15.	Fluoride	mg/L	IS:3025 (Part-60)	BDL(MDL:0.1)
16.	Boron	mg/L	IS:3025 (Part-57)	0.20
17.	Chloride	mg/L	APHA:4500 Cl ⁻ B 23 rd Edition (Page: 4-75)	8617
18.	Sulphate	mg/L	IS:3025 (Part-28)	1357
19.	Total Alkalinity	mg/L	IS:3025 (Part-23)	83
20.	P-Alkalinity	mg/L	IS:3025 (Part-23)	BDL(MDL:4.0)
21.	Phosphate	mg/L	IS:3550 -1965	2.5
22.	Sodium	mg/L	IS:3025 (Part-45)	4387
23.	Potassium	mg/L	IS:3025 (Part-45)	218
24.	Calcium	mg/L	IS:3025 (Part-40)	162.36
25.	Magnesium	mg/L	IS:3025 (Part-46)	89.37
26.	Arsenic	mg/L	IS:3025 (Part-37)	BDL(MDL:0.01)

27.	Nickel	mg/L	IS:3025 (Part-54)	0.314
28.	Copper	mg/L	IS:3025 (Part-42)	0.076
29.	Mercury	mg/L	IS:3025 (Part-48)	BDL(MDL:0.001)
30.	Chromium	mg/L	IS:3025 (Part-52)	0.068
31.	Cadmium	mg/L	IS:3025 (Part-41)	0.301
32.	Zinc	mg/L	IS:3025 (Part-49)	0.06
33.	Lead	mg/L	IS:3025 (Part-47)	BDL(MDL:0.01)
34.	Iron	mg/L	IS:3025 (Part-53)	0.724
35.	Alpha BHC	ppb	USEPA 8081 A	BDL(MDL:0.01)
36.	Beta BHC	ppb	USEPA 8081 A	BDL(MDL:0.04)
37.	Gama BHC	ppb	USEPA 8081 A	BDL(MDL:2.0)
38.	OP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
39.	PP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
40.	Alpha Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
41.	Beta Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
42.	Dieldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
43.	2-4 D	ppb	USEPA 1699-2007	BDL(MDL:30.0)
44.	Aldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
45.	Chloropyriphos	ppb	USEPA 1699-2007	BDL(MDL:30.0)
46.	Carboryl (Carbamate)	ppb	USEPA 1699-2007	BDL(MDL:0.01)
47.	Methyl Parathin	ppb	USEPA 1699-2007	BDL(MDL:0.3)
48.	Anilophos	ppb	USEPA 1699-2007	BDL(MDL:0.01)
49.	Malathian	ppb	USEPA 8081 B	BDL(MDL:190.0)
50.	Total Coliform	MPN/ 100 ml	APHA:9221 B 23 rd Edition (Page: 9-69)	150
51.	Fecal Coliform	MPN/ 100 ml	APHA:9222 D 23 rd Edition (Page: 9-89)	42
52.	Fecal Streptococci	MPN/ 100 ml	IS:1622-1981 (R.A.-1996)	20

Statement of conformity:-

Remarks:

BDL: Below Detection Limit, MDL: Minimum Detection Limit

Mrs. Khushbu S. Gajjar
Technical Manager

Mr. Swastik R. Gajjar
Lab Manager(Q)

* End of Report *

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- 2) This test report shall not be reproduced except in full, without approval of the laboratory can provide assurance that parts of a report are not taken out of context.

REPORT NUMBER:EI/WW/1221/068

DATE OF REPORT: 03-01-2022

F/7.8/01/Issue No.01/Issue Date: 01-10-2018/ Amend No.:00 / Amend Date:-- / Page 2 of 2

TEST REPORT

REPORT NUMBER:EI/WW/1221/069**DATE OF REPORT: 03-01-2022****CLIENT NAME : POLLUTION CONTROL COMMITTEE,****Dadra and Nagar Haveli and Daman and Diu****ADDRESS : 1st Floor, Udyog Bhavan, Bhenslore, Daman- 396220,INDIA****SAMPLE DETAILS.**

Laboratory ID	: EI/WW/1221/069	Date of Sampling	: 24-12-2021
Sample Type	: Surface Water	Date of Sample Receipt	: 24-12-2021
Type of Sampling	: Grab	Sample Condition	: Good
Place of Sampling	: Outlet of CETP, Vapi	Quantity of Sample Received	: 5 Liter
Description (GPS)	: N 20°20'34.62"E72°54'20.38"	Analysis Start Date	: 24-12-2021
Sampling Protocol / Standard	: IS3025 (Part 1):1987(R.A.2003)	Analysis End Date	: 03-01-2022
Sampling Conducted By	: SRG	Duration of Sampling	: 24-12-2021

Sl. No	PARAMETER	UNIT	TEST METHOD	RESULTS
1.	Temperature	°C	APHA:2550 B 23 rd Edition (Page: 2-74)	27.3
2.	pH @ 25°C	pH	APHA:4500 H ⁺ B 23 rd Edition (Page: 4-13)	7.62
3.	Conductivity	µs/cm	IS:3025 (Part-14)	6236
4.	Dissolve Oxygen	mg/L	IS:3025 (Part-38)	4.9
5.	Biological Oxygen Demand	mg/L	IS:3025 (Part-44)(3 Days at 27°C)	20.07
6.	Nitrate as N	mg/L	IS:3025 (Part-44)	1.8
7.	Ammonia as N	mg/L	APHA:4500 NH ₃ -B-C 23 rd Edition (Page: 4-114)	17.8
8.	Chemical Oxygen Demand	mg/L	APHA:5220 B 23 rd Edition (Page: 5-18)	57.9
9.	Total Kjeldahl Nitrogen	mg/L	IS:3025 (Part-34)	44.7
10.	Total Dissolve Solids	mg/L	APHA:2540 C 23 rd Edition (Page: 2-69)	3782
11.	Total Fixed Solids	mg/L	IS:3025 (Part-18)	2714
12.	Total Suspended Solids	mg/L	APHA:2540 B 23 rd Edition (Page: 2-70)	36
13.	Turbidity	NTU	IS:3025 (Part-10)	2.4
14.	Hardness	mg/L	IS:3025 (Part-21)	1412
15.	Fluoride	mg/L	IS:3025 (Part-60)	BDL(MDL:0.1)
16.	Boron	mg/L	IS:3025 (Part-57)	0.4
17.	Chloride	mg/L	APHA:4500 Cl ⁻ B 23 rd Edition (Page: 4-75)	2624
18.	Sulphate	mg/L	IS:3025 (Part-28)	874
19.	Total Alkalinity	mg/L	IS:3025 (Part-23)	228
20.	P-Alkalinity	mg/L	IS:3025 (Part-23)	BDL(MDL:4.0)
21.	Phosphate	mg/L	IS:3550 -1965	2.4
22.	Sodium	mg/L	IS:3025 (Part-45)	957
23.	Potassium	mg/L	IS:3025 (Part-45)	35.8
24.	Calcium	mg/L	IS:3025 (Part-40)	224.18
25.	Magnesium	mg/L	IS:3025 (Part-46)	157.53
26.	Arsenic	mg/L	IS:3025 (Part-37)	BDL(MDL:0.01)

27.	Nickel	mg/L	IS:3025 (Part-54)	0.234
28.	Copper	mg/L	IS:3025 (Part-42)	BDL(MDL:0.05)
29.	Mercury	mg/L	IS:3025 (Part-48)	BDL(MDL:0.001)
30.	Chromium	mg/L	IS:3025 (Part-52)	BDL(MDL:0.05)
31.	Cadmium	mg/L	IS:3025 (Part-41)	0.043
32.	Zinc	mg/L	IS:3025 (Part-49)	0.18
33.	Lead	mg/L	IS:3025 (Part-47)	BDL(MDL:0.01)
34.	Iron	mg/L	IS:3025 (Part-53)	1.052
35.	Alpha BHC	ppb	USEPA 8081 A	BDL(MDL:0.01)
36.	Beta BHC	ppb	USEPA 8081 A	BDL(MDL:0.04)
37.	Gama BHC	ppb	USEPA 8081 A	BDL(MDL:2.0)
38.	OP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
39.	PP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
40.	Alpha Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
41.	Beta Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
42.	Dieldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
43.	2-4 D	ppb	USEPA 1699-2007	BDL(MDL:30.0)
44.	Aldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
45.	Chloropyriphos	ppb	USEPA 1699-2007	BDL(MDL:30.0)
46.	Carboryl (Carbamate)	ppb	USEPA 1699-2007	BDL(MDL:0.01)
47.	Methyl Parathin	ppb	USEPA 1699-2007	BDL(MDL:0.3)
48.	Anilophos	ppb	USEPA 1699-2007	BDL(MDL:0.01)
49.	Malathian	ppb	USEPA 8081 B	BDL(MDL:190.0)
50.	Total Coliform	MPN/ 100 ml	APHA:9221 B 23 rd Edition (Page: 9-69)	>1600
51.	Fecal Coliform	MPN/ 100 ml	APHA:9222 D 23 rd Edition (Page: 9-89)	980
52.	Fecal Streptococci	MPN/ 100 ml	IS:1622-1981 (R.A.-1996)	80

Statement of conformity:-

Remarks:

BDL: Below Detection Limit, MDL: Minimum Detection Limit

Mrs. Khushbu S. Gajjar
Technical Manager

Mr. Swastik R. Gajjar
Lab Manager(Q)

* End of Report *

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REPORT NUMBER: **EI/WW/1221/069**

DATE OF REPORT: **03-01-2022**

F/7.8/01/Issue No.01/Issue Date: 01-10-2018/ Amend No.:00 / Amend Date:-- / Page 2 of 2

TEST REPORT

REPORT NUMBER:EI/WW/1221/070

DATE OF REPORT: 07-12-2021

CLIENT NAME : POLLUTION CONTROL COMMITTEE,

Dadra and Nagar Haveli and Daman and Diu

ADDRESS : 1st Floor, Udyog Bhavan, Bhenslore, Daman- 396220,INDIA

SAMPLE DETAILS.

Laboratory ID	: EI/WW/1221/070	Date of Sampling	: 24-12-2021
Sample Type	: Surface Water	Date of Sample Receipt	: 24-12-2021
Type of Sampling	: Grab	Sample Condition	: Good
Place of Sampling	: Outlet of GHCL,Bhilad	Quantity of Sample Received	: 5 Liter
Description (GPS)	: N 20°17'35.81"E72°53'49.31"	Analysis Start Date	: 24-12-2021
Sampling Protocol / Standard	: IS3025 (Part 1):1987(R.A.2003)	Analysis End Date	: 03-01-2022
Sampling Conducted By	: SRG	Duration of Sampling	: 24-12-2021

Sl. No	PARAMETER	UNIT	TEST METHOD	RESULTS
1.	Temperature	°C	APHA:2550 B 23 rd Edition (Page: 2-74)	27.8
2.	pH @ 25°C	pH	APHA:4500 H ⁺ B 23 rd Edition (Page: 4-13)	7.65
3.	Conductivity	µs/cm	IS:3025 (Part-14)	2524
4.	Dissolve Oxygen	mg/L	IS:3025 (Part-38)	6.2
5.	Biological Oxygen Demand	mg/L	IS:3025 (Part-44)(3 Days at 27°C)	17.95
6.	Nitrate as N	mg/L	IS:3025 (Part-44)	5.2
7.	Ammonia as N	mg/L	APHA:4500 NH ₃ -B-C 23 rd Edition (Page: 4-114)	16.7
8.	Chemical Oxygen Demand	mg/L	APHA:5220 B 23 rd Edition (Page: 5-18)	49.85
9.	Total Kjeldahl Nitrogen	mg/L	IS:3025 (Part-34)	14.5
10.	Total Dissolve Solids	mg/L	APHA:2540 C 23 rd Edition (Page: 2-69)	1637
11.	Total Fixed Solids	mg/L	IS:3025 (Part-18)	876
12.	Total Suspended Solids	mg/L	APHA:2540 B 23 rd Edition (Page: 2-70)	48
13.	Turbidity	NTU	IS:3025 (Part-10)	2.0
14.	Hardness	mg/L	IS:3025 (Part-21)	304
15.	Fluoride	mg/L	IS:3025 (Part-60)	BDL(MDL:0.1)
16.	Boron	mg/L	IS:3025 (Part-57)	ND
17.	Chloride	mg/L	APHA:4500 Cl ⁻ B 23 rd Edition (Page: 4-75)	298.7
18.	Sulphate	mg/L	IS:3025 (Part-28)	227.8
19.	Total Alkalinity	mg/L	IS:3025 (Part-23)	419
20.	P-Alkalinity	mg/L	IS:3025 (Part-23)	BDL(MDL:4.0)
21.	Phosphate	mg/L	IS:3550 -1965	2.5
22.	Sodium	mg/L	IS:3025 (Part-45)	394.7
23.	Potassium	mg/L	IS:3025 (Part-45)	32.6
24.	Calcium	mg/L	IS:3025 (Part-40)	68.24
25.	Magnesium	mg/L	IS:3025 (Part-46)	36.31
26.	Arsenic	mg/L	IS:3025 (Part-37)	BDL(MDL:0.01)

27.	Nickel	mg/L	IS:3025 (Part-54)	BDL(MDL:0.02)
28.	Copper	mg/L	IS:3025 (Part-42)	0.059
29.	Mercury	mg/L	IS:3025 (Part-48)	BDL(MDL:0.001)
30.	Chromium	mg/L	IS:3025 (Part-52)	BDL(MDL:0.05)
31.	Cadmium	mg/L	IS:3025 (Part-41)	0.061
32.	Zinc	mg/L	IS:3025 (Part-49)	BDL(MDL:0.05)
33.	Iron	mg/L	IS:3025 (Part-53)	BDL(MDL:0.01)
34.	Lead	mg/L	IS:3025 (Part-47)	0.58
35.	Alpha BHC	ppb	USEPA 8081 A	BDL(MDL:0.01)
36.	Beta BHC	ppb	USEPA 8081 A	BDL(MDL:0.04)
37.	Gama BHC	ppb	USEPA 8081 A	BDL(MDL:2.0)
38.	OP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
39.	PP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
40.	Alpha Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
41.	Beta Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
42.	Dieldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
43.	2-4 D	ppb	USEPA 1699-2007	BDL(MDL:30.0)
44.	Aldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
45.	Chloropyriphos	ppb	USEPA 1699-2007	BDL(MDL:30.0)
46.	Carboryl (Carbamate)	ppb	USEPA 1699-2007	BDL(MDL:0.01)
47.	Methyl Parathin	ppb	USEPA 1699-2007	BDL(MDL:0.3)
48.	Anilophos	ppb	USEPA 1699-2007	BDL(MDL:0.01)
49.	Malathian	ppb	USEPA 8081 B	BDL(MDL:190.0)
50.	Total Coliform	MPN/ 100 ml	APHA:9221 B 23 rd Edition (Page: 9-69)	>1600
51.	Fecal Coliform	MPN/ 100 ml	APHA:9222 D 23 rd Edition (Page: 9-89)	1600
52.	Fecal Streptococci	MPN/ 100 ml	IS:1622-1981 (R.A.-1996)	860

Statement of conformity:-

Remarks:

BDL: Below Detection Limit, MDL: Minimum Detection Limit

Mrs. Khushbu S. Gajjar
Technical Manager

Mr. Swastik R. Gajjar
Lab Manager(Q)

* End of Report *

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REPORT NUMBER: **EI/WW/1221/070**

DATE OF REPORT: **03-01-2022**

F/7.8/01/Issue No.01/Issue Date: 01-10-2018/ Amend No.:00 / Amend Date:-- / Page 2 of 2

TEST REPORT

REPORT NUMBER:EI/WW/1221/071**DATE OF REPORT: 03-01-2022****CLIENT NAME : POLLUTION CONTROL COMMITTEE,****Dadra and Nagar Haveli and Daman and Diu****ADDRESS : 1st Floor, Udyog Bhavan, Bhenslore, Daman- 396220,INDIA****SAMPLE DETAILS.**

Laboratory ID	: EI/WW/1221/071	Date of Sampling	: 24-12-2021
Sample Type	: Surface Water	Date of Sample Receipt	: 24-12-2021
Type of Sampling	: Grab	Sample Condition	: Good
Place of Sampling	: 100 meter Downstream of outlet of CETP, Vapi (from river)	Quantity of Sample Received	: 5 Liter
Description (GPS)	: N 20°20'31.52", E72°54'16.88"	Analysis Start Date	: 24-12-2021
Sampling Protocol / Standard	: IS3025 (Part 1):1987(R.A.2003)	Analysis End Date	: 03-01-2022
Sampling Conducted By	: SRG	Duration of Sampling	: 24-12-2021

Sl. No	PARAMETER	UNIT	TEST METHOD	RESULTS
1.	Temperature	°C	APHA:2550 B 23 rd Edition (Page: 2-74)	27.4
2.	pH @ 25°C	pH	APHA:4500 H ⁺ B 23 rd Edition (Page: 4-13)	7.68
3.	Conductivity	µs/cm	IS:3025 (Part-14)	724
4.	Dissolve Oxygen	mg/L	IS:3025 (Part-38)	5.8
5.	Biological Oxygen Demand	mg/L	IS:3025 (Part-44)(3 Days at 27°C)	8.85
6.	Nitrate as N	mg/L	IS:3025 (Part-44)	0.6
7.	Ammonia as N	mg/L	APHA:4500 NH ₃ -B-C 23 rd Edition (Page: 4-114)	9.25
8.	Chemical Oxygen Demand	mg/L	APHA:5220 B 23 rd Edition (Page: 5-18)	14.16
9.	Total Kjeldahl Nitrogen	mg/L	IS:3025 (Part-34)	14.67
10.	Total Dissolve Solids	mg/L	APHA:2540 C 23 rd Edition (Page: 2-69)	487
11.	Total Fixed Solids	mg/L	IS:3025 (Part-18)	286
12.	Total Suspended Solids	mg/L	APHA:2540 B 23 rd Edition (Page: 2-70)	18
13.	Turbidity	NTU	IS:3025 (Part-10)	0.9
14.	Hardness	mg/L	IS:3025 (Part-21)	234
15.	Fluoride	mg/L	IS:3025 (Part-60)	BDL(MDL:0.1)
16.	Boron	mg/L	IS:3025 (Part-57)	ND
17.	Chloride	mg/L	APHA:4500 Cl ⁻ B 23 rd Edition (Page: 4-75)	143.9
18.	Sulphate	mg/L	IS:3025 (Part-28)	127.8
19.	Total Alkalinity	mg/L	IS:3025 (Part-23)	84
20.	P-Alkalinity	mg/L	IS:3025 (Part-23)	BDL(MDL:4.0)
21.	Phosphate	mg/L	IS:3550 -1965	3.2
22.	Sodium	mg/L	IS:3025 (Part-45)	78.9
23.	Potassium	mg/L	IS:3025 (Part-45)	6.7
24.	Calcium	mg/L	IS:3025 (Part-40)	60.75

25.	Magnesium	mg/L	IS:3025 (Part-46)	19.18
26.	Arsenic	mg/L	IS:3025 (Part-37)	BDL(MDL:0.01)
27.	Nickel	mg/L	IS:3025 (Part-54)	BDL(MDL:0.02)
28.	Copper	mg/L	IS:3025 (Part-42)	BDL(MDL:0.05)
29.	Mercury	mg/L	IS:3025 (Part-48)	BDL(MDL:0.001)
30.	Chromium	mg/L	IS:3025 (Part-52)	BDL(MDL:0.05)
31.	Cadmium	mg/L	IS:3025 (Part-41)	BDL(MDL:0.003)
32.	Zinc	mg/L	IS:3025 (Part-49)	BDL(MDL:0.05)
33.	Lead	mg/L	IS:3025 (Part-47)	BDL(MDL:0.01)
34.	Iron	mg/L	IS:3025 (Part-53)	BDL(MDL:0.01)
35.	Alpha BHC	ppb	USEPA 8081 A	BDL(MDL:0.01)
36.	Beta BHC	ppb	USEPA 8081 A	BDL(MDL:0.04)
37.	Gama BHC	ppb	USEPA 8081 A	BDL(MDL:2.0)
38.	OP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
39.	PP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
40.	Alpha Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
41.	Beta Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
42.	Dieldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
43.	2-4 D	ppb	USEPA 1699-2007	BDL(MDL:30.0)
44.	Aldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
45.	Chloropyriphos	ppb	USEPA 1699-2007	BDL(MDL:30.0)
46.	Carboryl (Carbamate)	ppb	USEPA 1699-2007	BDL(MDL:0.01)
47.	Methyl Parathin	ppb	USEPA 1699-2007	BDL(MDL:0.3)
48.	Anilophos	ppb	USEPA 1699-2007	BDL(MDL:0.01)
49.	Malathian	ppb	USEPA 8081 B	BDL(MDL:190.0)
50.	Total Coliform	MPN/ 100 ml	APHA:9221 B 23 rd Edition (Page: 9-69)	>1600
51.	Fecal Coliform	MPN/ 100 ml	APHA:9222 D 23 rd Edition (Page: 9-89)	1600
52.	Fecal Streptococci	MPN/ 100 ml	IS:1622-1981 (R.A.-1996)	140

Statement of conformity:-

Remarks:

BDL: Below Detection Limit, MDL: Minimum Detection Limit

Mrs. Khushbu S. Gajjar
Technical Manager

Mr. Swastik R. Gajjar
Lab Manager(Q)

* End of Report *

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REPORT NUMBER: **EI/WW/1221/071**

DATE OF REPORT: **03-01-2022**

F/7.8/01/Issue No.01/Issue Date: 01-10-2018/ Amend No.:00 / Amend Date:-- / Page 2 of 2

TEST REPORT

REPORT NUMBER:EI/WW/1221/072

DATE OF REPORT: 03-01-2022

CLIENT NAME : POLLUTION CONTROL COMMITTEE,

Dadra and Nagar Haveli and Daman and Diu

ADDRESS : 1st Floor, Udyog Bhavan, Bhenslore, Daman- 396220,INDIA

SAMPLE DETAILS.

Laboratory ID	: EI/WW/1221/072	Date of Sampling	: 24-12-2021
Sample Type	: Surface Water	Date of Sample Receipt	: 24-12-2021
Type of Sampling	: Grab	Sample Condition	: Good
Place of Sampling	: At Patalia Bridge(Kolak River)	Quantity of Sample Received	: 5 Liter
Description (GPS)	: N 20°27'41", E72°53'12.59"	Analysis Start Date	: 24-12-2021
Sampling Protocol / Standard	: IS3025 (Part 1):1987(R.A.2003)	Analysis End Date	: 03-01-2022
Sampling Conducted By	: SRG	Duration of Sampling	: 24-12-2021

Sl. No	PARAMETER	UNIT	TEST METHOD	RESULTS
1.	Temperature	°C	APHA:2550 B 23 rd Edition (Page: 2-74)	27.6
2.	pH @ 25°C	pH	APHA:4500 H ⁺ B 23 rd Edition (Page: 4-13)	8.37
3.	Conductivity	µs/cm	IS:3025 (Part-14)	297
4.	Dissolve Oxygen	mg/L	IS:3025 (Part-38)	6.4
5.	Biological Oxygen Demand	mg/L	IS:3025 (Part-44)(3 Days at 27°C)	6.85
6.	Nitrate as N	mg/L	IS:3025 (Part-44)	0.6
7.	Ammonia as N	mg/L	APHA:4500 NH ₃ -B-C 23 rd Edition (Page: 4-114)	3.56
8.	Chemical Oxygen Demand	mg/L	APHA:5220 B 23 rd Edition (Page: 5-18)	20.47
9.	Total Kjeldahl Nitrogen	mg/L	IS:3025 (Part-34)	7.0
10.	Total Dissolve Solids	mg/L	APHA:2540 C 23 rd Edition (Page: 2-69)	193
11.	Total Fixed Solids	mg/L	IS:3025 (Part-18)	134
12.	Total Suspended Solids	mg/L	APHA:2540 B 23 rd Edition (Page: 2-70)	44
13.	Turbidity	NTU	IS:3025 (Part-10)	2.2
14.	Hardness	mg/L	IS:3025 (Part-21)	178
15.	Fluoride	mg/L	IS:3025 (Part-60)	BDL(MDL:0.1)
16.	Boron	mg/L	IS:3025 (Part-57)	ND
17.	Chloride	mg/L	APHA:4500 Cl ⁻ B 23 rd Edition (Page: 4-75)	60.7
18.	Sulphate	mg/L	IS:3025 (Part-28)	32.1
19.	Total Alkalinity	mg/L	IS:3025 (Part-23)	46
20.	P-Alkalinity	mg/L	IS:3025 (Part-23)	BDL(MDL:4.0)
21.	Phosphate	mg/L	IS:3550 -1965	0.48
22.	Sodium	mg/L	IS:3025 (Part-45)	574.13
23.	Potassium	mg/L	IS:3025 (Part-45)	28.2
24.	Calcium	mg/L	IS:3025 (Part-40)	41.27
25.	Magnesium	mg/L	IS:3025 (Part-46)	16.47
26.	Arsenic	mg/L	IS:3025 (Part-37)	BDL(MDL:0.01)

27.	Nickel	mg/L	IS:3025 (Part-54)	BDL(MDL:0.02)
28.	Copper	mg/L	IS:3025 (Part-42)	BDL(MDL:0.05)
29.	Mercury	mg/L	IS:3025 (Part-48)	BDL(MDL:0.001)
30.	Chromium	mg/L	IS:3025 (Part-52)	BDL(MDL:0.05)
31.	Cadmium	mg/L	IS:3025 (Part-41)	0.045
32.	Zinc	mg/L	IS:3025 (Part-49)	BDL(MDL:0.05)
33.	Lead	mg/L	IS:3025 (Part-47)	BDL(MDL:0.01)
34.	Iron	mg/L	IS:3025 (Part-53)	0.93
35.	Alpha BHC	ppb	USEPA 8081 A	BDL(MDL:0.01)
36.	Beta BHC	ppb	USEPA 8081 A	BDL(MDL:0.04)
37.	Gama BHC	ppb	USEPA 8081 A	BDL(MDL:2.0)
38.	OP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
39.	PP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
40.	Alpha Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
41.	Beta Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
42.	Dieldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
43.	2-4 D	ppb	USEPA 1699-2007	BDL(MDL:30.0)
44.	Aldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
45.	Chloropyriphos	ppb	USEPA 1699-2007	BDL(MDL:30.0)
46.	Carboryl (Carbamate)	ppb	USEPA 1699-2007	BDL(MDL:0.01)
47.	Methyl Parathin	ppb	USEPA 1699-2007	BDL(MDL:0.3)
48.	Anilophos	ppb	USEPA 1699-2007	BDL(MDL:0.01)
49.	Malathian	ppb	USEPA 8081 B	BDL(MDL:190.0)
50.	Total Coliform	MPN/ 100 ml	APHA:9221 B 23 rd Edition (Page: 9-69)	>1600
51.	Fecal Coliform	MPN/ 100 ml	APHA:9222 D 23 rd Edition (Page: 9-89)	1600
52.	Fecal Streptococci	MPN/ 100 ml	IS:1622-1981 (R.A.-1996)	230

Statement of conformity:-

Remarks:

BDL: Below Detection Limit, MDL: Minimum Detection Limit

Mrs. Khushbu S. Gajjar
Technical Manager

Mr. Swastik R. Gajjar
Lab Manager(Q)

* End of Report *

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REPORT NUMBER: **EI/WW/1221/072**

DATE OF REPORT: **03-01-2022**

F/7.8/01/Issue No.01/Issue Date: 01-10-2018/ Amend No.:00 / Amend Date:-- / Page 2 of 2

TEST REPORT

REPORT NUMBER:EI/WW/1221/073**DATE OF REPORT: 03-01-2022****CLIENT NAME : POLLUTION CONTROL COMMITTEE,****Dadra and Nagar Haveli and Daman and Diu****ADDRESS : 1st Floor, Udyog Bhavan, Bhenslore, Daman- 396220,INDIA****SAMPLE DETAILS.**

Laboratory ID	: EI/WW/1221/073	Date of Sampling	: 24-12-2021
Sample Type	: Surface Water	Date of Sample Receipt	: 24-12-2021
Type of Sampling	: Grab	Sample Condition	: Good
Place of Sampling	: At N.H.No.8,Vapi (Kolak River)	Quantity of Sample Received	: 5 Liter
Description (GPS)	: N 20°25'24.2", E72°54'57.28"	Analysis Start Date	: 24-12-2021
Sampling Protocol / Standard	: IS3025 (Part 1):1987(R.A.2003)	Analysis End Date	: 03-01-2022
Sampling Conducted By	: SRG	Duration of Sampling	: 24-12-2021

Sl. No	PARAMETER	UNIT	TEST METHOD	RESULTS
1.	Temperature	°C	APHA:2550 B 23 rd Edition (Page: 2-74)	27.4
2.	pH @ 25°C	pH	APHA:4500 H ⁺ B 23 rd Edition (Page: 4-13)	7.23
3.	Conductivity	µs/cm	IS:3025 (Part-14)	257
4.	Dissolve Oxygen	mg/L	IS:3025 (Part-38)	6.7
5.	Biological Oxygen Demand	mg/L	IS:3025 (Part-44)(3 Days at 27°C)	6.83
6.	Nitrate as N	mg/L	IS:3025 (Part-44)	0.8
7.	Ammonia as N	mg/L	APHA:4500 NH ₃ -B-C 23 rd Edition (Page: 4-114)	BDL(MDL:2.0)
8.	Chemical Oxygen Demand	mg/L	APHA:5220 B 23 rd Edition (Page: 5-18)	16.8
9.	Total Kjeldahl Nitrogen	mg/L	IS:3025 (Part-34)	BDL(MDL:2.0)
10.	Total Dissolve Solids	mg/L	APHA:2540 C 23 rd Edition (Page: 2-69)	207
11.	Total Fixed Solids	mg/L	IS:3025 (Part-18)	114
12.	Total Suspended Solids	mg/L	APHA:2540 B 23 rd Edition (Page: 2-70)	9
13.	Turbidity	NTU	IS:3025 (Part-10)	1.6
14.	Hardness	mg/L	IS:3025 (Part-21)	137
15.	Fluoride	mg/L	IS:3025 (Part-60)	BDL(MDL:0.1)
16.	Boron	mg/L	IS:3025 (Part-57)	ND
17.	Chloride	mg/L	APHA:4500 Cl ⁻ B 23 rd Edition (Page: 4-75)	16.4
18.	Sulphate	mg/L	IS:3025 (Part-28)	79
19.	Total Alkalinity	mg/L	IS:3025 (Part-23)	92
20.	P-Alkalinity	mg/L	IS:3025 (Part-23)	BDL(MDL:4.0)
21.	Phosphate	mg/L	IS:3550 -1965	0.42
22.	Sodium	mg/L	IS:3025 (Part-45)	12.8
23.	Potassium	mg/L	IS:3025 (Part-45)	BDL(MDL:1.0)
24.	Calcium	mg/L	IS:3025 (Part-40)	32.409
25.	Magnesium	mg/L	IS:3025 (Part-46)	8.74

26.	Arsenic	mg/L	IS:3025 (Part-37)	BDL(MDL:0.01)
27.	Nickel	mg/L	IS:3025 (Part-54)	BDL(MDL:0.02)
28.	Copper	mg/L	IS:3025 (Part-42)	BDL(MDL:0.05)
29.	Mercury	mg/L	IS:3025 (Part-48)	BDL(MDL:0.001)
30.	Chromium	mg/L	IS:3025 (Part-52)	BDL(MDL:0.05)
31.	Cadmium	mg/L	IS:3025 (Part-41)	BDL(MDL:0.003)
32.	Zinc	mg/L	IS:3025 (Part-49)	BDL(MDL:0.05)
33.	Lead	mg/L	IS:3025 (Part-47)	BDL(MDL:0.01)
34.	Iron	mg/L	IS:3025 (Part-53)	0.194
35.	Alpha BHC	ppb	USEPA 8081 A	BDL(MDL:0.01)
36.	Beta BHC	ppb	USEPA 8081 A	BDL(MDL:0.04)
37.	Gama BHC	ppb	USEPA 8081 A	BDL(MDL:2.0)
38.	OP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
39.	PP DDT	ppb	USEPA 1699-2007	BDL(MDL:1.0)
40.	Alpha Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
41.	Beta Endosulphan	ppb	USEPA 1699-2007	BDL(MDL:0.4)
42.	Dieldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
43.	2-4 D	ppb	USEPA 1699-2007	BDL(MDL:30.0)
44.	Aldrin	ppb	USEPA 8081 A	BDL(MDL:0.03)
45.	Chloropyriphos	ppb	USEPA 1699-2007	BDL(MDL:30.0)
46.	Carboryl (Carbamate)	ppb	USEPA 1699-2007	BDL(MDL:0.01)
47.	Methyl Parathin	ppb	USEPA 1699-2007	BDL(MDL:0.3)
48.	Anilophos	ppb	USEPA 1699-2007	BDL(MDL:0.01)
49.	Malathian	ppb	USEPA 8081 B	BDL(MDL:190.0)
50.	Total Coliform	MPN/ 100 ml	APHA:9221 B 23 rd Edition (Page: 9-69)	346
51.	Fecal Coliform	MPN/ 100 ml	APHA:9222 D 23 rd Edition (Page: 9-89)	162
52.	Fecal Streptococci	MPN/ 100 ml	IS:1622-1981 (R.A.-1996)	40

Statement of conformity:-

Remarks:

BDL: Below Detection Limit, MDL: Minimum Detection Limit

Mrs. Khushbu S. Gajjar
Technical Manager

Mr. Swastik R. Gajjar
Lab Manager(Q)

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F/7.8/01/Issue No.01/Issue Date: 01-10-2018/ Amend No.:00 / Amend Date:-- / Page 2 of 2