



DELHI POLLUTION CONTROL COMMITTEE
4th Floor I.S.B.T. Building Kashmiri Gate Delhi-6
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ANALYSIS REPORT OF WAZIRPUR CETP (24 MLD)

Report Number: DPCC/W/CETP/20-21/166

- | | |
|-----------------------------------|--------------------------|
| 1. Name & Address of Ind. / Unit | WAZIRPUR CETP (24 MLD) |
| 2. Sampling location | Inlet and Outlet of CETP |
| 3. Date of Sampling | 02.03.2020 |
| 4. Sample analyzed and results | DPCC LAB |
| 5. Parameters analyzed and result | |

| S.No | Parameter | Inlet | | Final Outlet | | OLMS |
|------|-------------------------|---------------|---------------|---------------|---------------|------|
| | | Water Quality | EPA Standards | Water Quality | EPA Standards | |
| 1 | pH | 5.8 | 6-9 | 7.4 | 6-9 | 7.26 |
| 2 | TSS | 370 | 250 | 72 | 100 | 9.8 |
| 3 | COD | 592 | ... | 128 | 250 | 56.5 |
| 4 | BOD (3 days at 27° C) | 194 | ... | 38 | 30 | 11.0 |
| 5 | Ni | 2.1 | 3 | 0.1 | 3 | - |
| 6 | Cu | ND | 3 | ND | 3 | - |
| 7 | Zn | 3.0 | 15 | 2.3 | 5 | - |
| 8 | Cr (Total) | ND | 2 | ND | 2 | - |
| 9 | Pb | ND | 1 | ND | 0.1 | - |
| 10 | Cl | 380 | ... | 830 | 1000 | - |
| 11 | SO ₄ | 1568 | ... | 835 | 1000 | - |
| 12 | Cd | ND | 1 | ND | 0.05 | - |
| 13 | Oil & Grease | 28.4 | 20 | 3.8 | 10 | - |
| 14 | TDS | 4400 | ... | 3910 | 2100 | - |
| 15 | Ammonical Nitrogen as N | 221 | 50 | 45.2 | 50 | - |
| 16 | Fluoride | - | 15 | - | 2 | - |
| 17 | Sulphide | 1.2 | ... | 4.2 | 2.0 | - |

All values are in mg/l except pH

No Standards

ND- Not Detectable

Flow: 2.207 MLD

M. Mitta

SR. SCIENTIST



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ANALYSIS REPORT OF CETP (12 MLD)

Report Number: DPCC/W/CETP/20-21/167

1. Name & Address of Ind. / Unit SMA CETP (12 MLD)
2. Sampling location Inlet and Outlet of CETP
3. Date of Sampling 02.03.2020
4. Sample analyzed and results DPCC LAB
5. Parameters analyzed and result

| S.No | Parameter | Inlet | | Final Outlet | | OLMS |
|------|-------------------------|---------------|---------------|---------------|---------------|--------|
| | | Water Quality | EPA Standards | Water Quality | EPA Standards | |
| 1 | pH | 7.7 | 6-9 | 8.9 | 6-9 | 6.86 |
| 2 | TSS | 132 | 250 | 55 | 100 | 42.80 |
| 3 | COD | 242 | ... | 180 | 250 | 57.125 |
| 4 | BOD (3 days at 27° C) | 78 | ... | 29 | 30 | 27.50 |
| 5 | Ni | 2.0 | 3 | 0.9 | 3 | - |
| 6 | Cu | ND | 3 | ND | 3 | - |
| 7 | Zn | 3.1 | 15 | 0.7 | 5 | - |
| 8 | Cr (Total) | ND | 2 | ND | 2 | - |
| 9 | Pb | ND | 1 | ND | 0.1 | - |
| 10 | Cl | 790 | ... | 1150 | 1000 | - |
| 11 | SO ₄ | 1580 | ... | 1307 | 1000 | - |
| 12 | Cd | ND | 1 | ND | 0.05 | - |
| 13 | Oil & Grease | 26.4 | 20 | 8.8 | 10 | - |
| 14 | TDS | 2140 | ... | 2130 | 2100 | - |
| 15 | Ammonical Nitrogen as N | 253 | 50 | 36.0 | 50 | - |
| 16 | Fluoride | - | 15 | - | 2 | - |
| 17 | Sulphide | 6.0 | ... | 5.2 | 2.0 | - |

All values are in mg/l except pH

No Standards

ND- Not Detectable

Flow: 1.75 MLD

N. Mitra

SR. SCIENTIST



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ANALYSIS REPORT OF OKHLA CETP (24 MLD)

Report Number: DPCC/W/CETP/20-21/168

1. Name & Address of Ind. / Unit OKHLA CETP (24 MLD)
2. Sampling location Inlet and Outlet of CETP
3. Date of Sampling 11.03.2020
4. Sample analyzed and results DPCC LAB
5. Parameters analyzed and result

| S.No | Parameter | Inlet | | Final Outlet | | OLMS |
|------|-------------------------|---------------|---------------|---------------|---------------|------|
| | | Water Quality | EPA Standards | Water Quality | EPA Standards | |
| 1 | pH | 7.5 | 6-9 | 7.6 | 6-9 | - |
| 2 | TSS | 272 | 250 | 34 | 100 | - |
| 3 | COD | 228 | ... | 72 | 250 | - |
| 4 | BOD (3 days at 27° C) | 138 | ... | 26 | 30 | - |
| 5 | Ni | 2.3 | 3 | 0.5 | 3 | - |
| 6 | Cu | ND | 3 | ND | 3 | - |
| 7 | Zn | 2.5 | 15 | 1.9 | 5 | - |
| 8 | Cr (Total) | ND | 2 | ND | 2 | - |
| 9 | Pb | ND | 1 | ND | 0.1 | - |
| 10 | Cl | 435 | ... | 445 | 1000 | - |
| 11 | SO ₄ | 1608 | ... | 1342 | 1000 | - |
| 12 | Cd | ND | 1 | ND | 0.05 | - |
| 13 | Oil & Grease | 22.0 | 20 | 3.8 | 10 | - |
| 14 | TDS | 1050 | ... | 882 | 2100 | - |
| 15 | Ammonical Nitrogen as N | 548 | 50 | 43.1 | 50 | - |
| 16 | Fluoride | - | 15 | - | 2 | - |
| 17 | Sulphide | 3.2 | ... | 2.0 | 2.0 | - |

All values are in mg/l except pH

... No Standards

ND- Not Detectable

Note: OLMS was non-operational

Flow: 1.20 MLD

Mitra

SR.SCIENTIST



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ANALYSIS REPORT OF NARELA CETP (24 MLD)

Report Number: DPCC/W/CETP/20-21/169

1. Name & Address of Ind. / Unit NARELA CETP (24 MLD)
2. Sampling location Inlet and Outlet of CETP
3. Date of Sampling 18.03.2020
4. Sample analyzed and results DPCC LAB
5. Parameters analyzed and result

| S.No | Parameter | Inlet | | Final Outlet | | OLMS |
|------|-------------------------|---------------|---------------|---------------|---------------|-------|
| | | Water Quality | EPA Standards | Water Quality | EPA Standards | |
| 1 | pH | 7.5 | 6-9 | 7.6 | 6-9 | 7.37 |
| 2 | TSS | 130 | 250 | 116 | 100 | 65 |
| 3 | COD | 280 | ... | 212 | 250 | 75.48 |
| 4 | BOD (3 days at 27° C) | - | ... | - | 30 | 26.79 |
| 5 | Ni | - | 3 | - | 3 | - |
| 6 | Cu | - | 3 | - | 3 | - |
| 7 | Zn | - | 15 | - | 5 | - |
| 8 | Cr (Total) | - | 2 | - | 2 | - |
| 9 | Pb | - | 1 | - | 0.1 | - |
| 10 | Cl | - | ... | - | 1000 | - |
| 11 | SO ₄ | - | ... | - | 1000 | - |
| 12 | Cd | - | 1 | - | 0.05 | - |
| 13 | Oil & Grease | - | 20 | - | 10 | - |
| 14 | TDS | - | ... | - | 2100 | - |
| 15 | Ammonical Nitrogen as N | - | 50 | - | 50 | - |
| 16 | Fluoride | - | 15 | - | 2 | - |
| 17 | Sulphide | - | ... | - | 2.0 | - |

All values are in mg/l except pH

... No Standards

ND- Not Detectable

Flow: 22.5MLD

Remark-Some parameter was not done due to COVID 19 lockdown.

N. Mitra

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ANALYSIS REPORT OF NARAYANA CETP (21.6 MLD)

Report Number: DPCC/W/CETP/20-21/170

1. Name & Address of Ind. / Unit NARAYANA CETP (21.6 MLD)
2. Sampling location Inlet and Outlet of CETP
3. Date of Sampling 13.03.2020
4. Sample analyzed and results DPCC LAB
5. Parameters analyzed and result

| S.No | Parameter | Inlet | | Final Outlet | | OLMS |
|------|-------------------------|---------------|---------------|---------------|---------------|------|
| | | Water Quality | EPA Standards | Water Quality | EPA Standards | |
| 1 | pH | 7.9 | 6-9 | 8.0 | 6-9 | 7.06 |
| 2 | TSS | 216 | 250 | 66 | 100 | 34.1 |
| 3 | COD | 372 | ... | 156 | 250 | 124 |
| 4 | BOD (3 days at 27° C) | 120 | ... | 48 | 30 | 25.6 |
| 5 | Ni | 1.7 | 3 | 0.5 | 3 | - |
| 6 | Cu | ND | 3 | ND | 3 | - |
| 7 | Zn | 2.4 | 15 | 1.4 | 5 | - |
| 8 | Cr (Total) | ND | 2 | ND | 2 | - |
| 9 | Pb | ND | 1 | ND | 0.1 | - |
| 10 | Cl | 1400 | ... | 1125 | 1000 | - |
| 11 | SO ₄ | 1081 | ... | 460 | 1000 | - |
| 12 | Cd | ND | 1 | ND | 0.05 | - |
| 13 | Oil & Grease | 26.4 | 20 | 4.6 | 10 | - |
| 14 | TDS | 1770 | ... | 1130 | 2100 | - |
| 15 | Ammonical Nitrogen as N | 326 | 50 | 28.2 | 50 | - |
| 16 | Fluoride | - | 15 | | 2 | - |
| 17 | Sulphide | 2.8 | ... | 2.0 | 2.0 | - |

All values are in mg/l except pH

... No Standards

ND- Not Detectable

Flow: 4.05 MLD

SR. SCIENTIST



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ANALYSIS REPORT OF NANGLOI CETP (12 MLD)

Report Number: DPCC/W/CETP/20-21/171

1. Name & Address of Ind. / Unit NANGLOI CETP (12 MLD)
2. Sampling location Inlet and Outlet of CETP
3. Date of Sampling 13.03.2020
4. Sample analyzed and results DPCC LAB
5. Parameters analyzed and result

| S.No | Parameter | Inlet | | Final Outlet | | OLMS |
|------|-------------------------|---------------|---------------|---------------|---------------|------|
| | | Water Quality | EPA Standards | Water Quality | EPA Standards | |
| 1 | pH | 7.8 | 6-9 | 7.7 | 6-9 | - |
| 2 | TSS | 408 | 250 | 48 | 100 | - |
| 3 | COD | 682 | ... | 115 | 250 | - |
| 4 | BOD (3 days at 27° C) | 224 | ... | 32 | 30 | - |
| 5 | Ni | 1.6 | 3 | 0.3 | 3 | - |
| 6 | Cu | ND | 3 | ND | 3 | - |
| 7 | Zn | 3.4 | 15 | 1.5 | 5 | - |
| 8 | Cr (Total) | ND | 2 | ND | 2 | - |
| 9 | Pb | ND | 1 | ND | 0.1 | - |
| 10 | Cl | 805 | ... | 750 | 1000 | - |
| 11 | SO ₄ | 1609 | ... | 1410 | 1000 | - |
| 12 | Cd | ND | 1 | ND | 0.05 | - |
| 13 | Oil & Grease | 27.0 | 20 | 2.8 | 10 | - |
| 14 | TDS | 3280 | ... | 2680 | 2100 | - |
| 15 | Ammonical Nitrogen as N | 153 | 50 | 36.0 | 50 | - |
| 16 | Fluoride | - | 15 | - | 2 | - |
| 17 | Sulphide | 4.8 | ... | 4.0 | 2.0 | - |

All values are in mg/l except pH

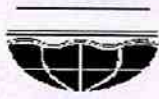
... No Standards

ND- Not Detectable

Note :OLMS was under maintains

Flow: 2.381 MLD

Mitra
SR.SCIENTIST



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ANALYSIS REPORT OF MANGOLPURI CETP (2.4 MLD)

Report Number: DPCC/W/CETP/20-21/172

1. Name & Address of Ind. / Unit MANGOLPURI CETP (2.4 MLD)
2. Sampling location Inlet and Outlet of CETP
3. Date of Sampling 13.03.2020
4. Sample analyzed and results DPCC LAB
5. Parameters analyzed and result

| S.No | Parameter | Inlet | | Final Outlet | | OLMS |
|------|-------------------------|---------------|---------------|---------------|---------------|-------|
| | | Water Quality | EPA Standards | Water Quality | EPA Standards | |
| 1 | pH | 7.8 | 6-9 | 7.8 | 6-9 | 7.94 |
| 2 | TSS | 322 | 250 | 58 | 100 | 59.0 |
| 3 | COD | 512 | ... | 108 | 250 | 222.1 |
| 4 | BOD (3 days at 27° C) | 168 | ... | 30 | 30 | 71.3 |
| 5 | Ni | 2.7 | 3 | 0.9 | 3 | - |
| 6 | Cu | ND | 3 | ND | 3 | - |
| 7 | Zn | 2.5 | 15 | 1.3 | 5 | - |
| 8 | Cr (Total) | ND | 2 | ND | 2 | - |
| 9 | Pb | ND | 1 | ND | 0.1 | - |
| 10 | Cl | 465 | ... | 350 | 1000 | - |
| 11 | SO ₄ | 1189 | ... | 610 | 1000 | - |
| 12 | Cd | ND | 1 | ND | 0.05 | - |
| 13 | Oil & Grease | 27.6 | 20 | 6.4 | 10 | - |
| 14 | TDS | 1910 | ... | 2010 | 2100 | - |
| 15 | Ammonical Nitrogen as N | 236 | 50 | 42.0 | 50 | - |
| 16 | Fluoride | - | 15 | - | 2 | - |
| 17 | Sulphide | 7.2 | ... | 6.8 | 2.0 | - |

All values are in mg/l except pH

... No Standards

ND- Not Detectable

Flow :1.1 MLD

Mitra
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ANALYSIS REPORT OF LAWRENCE ROAD CETP (12 MLD)

Report Number: DPCC/W/CETP/20-21/173

- | | |
|-----------------------------------|--------------------------|
| 1. Name & Address of Ind. / Unit | LAWRENCE ROAD (12 MLD) |
| 2. Sampling location | Inlet and Outlet of CETP |
| 3. Date of Sampling | 02.03.2020 |
| 4. Sample analyzed and results | DPCC LAB |
| 5. Parameters analyzed and result | |

| S.No | Parameter | Inlet | | Final Outlet | | OLMS |
|------|------------------------------------|---------------|---------------|---------------|---------------|--------|
| | | Water Quality | EPA Standards | Water Quality | EPA Standards | |
| 1 | pH | 7.4 | 6-9 | 7.4 | 6-9 | No |
| 2 | TSS | 464 | 250 | 144 | 100 | 20.78 |
| 3 | COD | 732 | ... | 258 | 250 | 72.512 |
| 4 | BOD ₅ (3 days at 27° C) | 240 | ... | 82 | 30 | 22.727 |
| 5 | Ni | 1.7 | 3 | 0.2 | 3 | - |
| 6 | Cu | ND | 3 | ND | 3 | - |
| 7 | Zn | 3.0 | 15 | 1.3 | 5 | - |
| 8 | Cr (Total) | ND | 2 | ND | 2 | - |
| 9 | Pb | ND | 1 | ND | 0.1 | - |
| 10 | Cl | 1230 | ... | 1335 | 1000 | - |
| 11 | SO ₄ | 1460 | ... | 660 | 1000 | - |
| 12 | Cd | ND | 1 | ND | 0.05 | - |
| 13 | Oil & Grease | 27.6 | 20 | 6.4 | 10 | - |
| 14 | TDS | 2840 | ... | 2490 | 2100 | - |
| 15 | Ammonical Nitrogen as N | 280 | 50 | 29.8 | 50 | - |
| 16 | Fluoride | | 15 | - | 2 | - |
| 17 | Sulphide | 6.8 | ... | 2.0 | 2.0 | - |

All values are in mg/l except pH

... No Standards

Flow :1.3 MLD

ND- Not Detectable

Mita
SR.SCIENTIST



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ANALYSIS REPORT OF JHILMIL CETP (16.8 MLD)

Report Number: DPCC/W/CETP/20-21/174

1. Name & Address of Ind. / Unit JHILMIL CETP (16.8 MLD)
2. Sampling location Inlet and Outlet of CETP
3. Date of Sampling 12.03.2020
4. Sample analyzed and results DPCC LAB
5. Parameters analyzed and result

| S.No | Parameter | Inlet | | Final Outlet | | OLMS |
|------|-------------------------|---------------|---------------|---------------|---------------|------|
| | | Water Quality | EPA Standards | Water Quality | EPA Standards | |
| 1 | pH | 7.6 | 6-9 | 7.3 | 6-9 | 8.12 |
| 2 | TSS | 380 | 250 | 46 | 100 | 24.4 |
| 3 | COD | 588 | ... | 98 | 250 | 77.9 |
| 4 | BOD (3 days at 27° C) | 192 | ... | 28 | 30 | 34.1 |
| 5 | Ni | 1.6 | 3 | 0.6 | 3 | - |
| 6 | Cu | ND | 3 | ND | 3 | - |
| 7 | Zn | 3.1 | 15 | 1.9 | 5 | - |
| 8 | Cr (Total) | ND | 2 | ND | 2 | - |
| 9 | Pb | ND | 1 | ND | 0.1 | - |
| 10 | Cl | 505 | ... | 425 | 1000 | - |
| 11 | SO ₄ | 1993 | ... | 590 | 1000 | - |
| 12 | Cd | ND | 1 | ND | 0.05 | - |
| 13 | Oil & Grease | 26.4 | 20 | 8.8 | 10 | - |
| 14 | TDS | 3360 | ... | 2380 | 2100 | - |
| 15 | Ammonical Nitrogen as N | 521 | 50 | 26.2 | 50 | - |
| 16 | Fluoride | - | 15 | - | 2 | - |
| 17 | Sulphide | 5.0 | ... | 3.2 | 2.0 | - |

All values are in mg/l except pH

... No Standards

ND- Not Detectable

Flow : 3.22 MLD

Mitra
SR.SCIENTIST



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ANALYSIS REPORT OF BAWANA CETP (35 MLD)

Report Number: DPCC/W/CETP/20-21/175

1. Name & Address of Ind. / Unit BAWANA CETP (35 MLD)
2. Sampling location Inlet and Outlet of CETP
3. Date of Sampling 18.03.2020
4. Sample analyzed and results DPCC LAB
5. Parameters analyzed and result

| S.No | Parameter | Inlet | | Final Outlet | | OLMS |
|------|-------------------------|---------------|---------------|---------------|---------------|--------|
| | | Water Quality | EPA Standards | Water Quality | EPA Standards | |
| 1 | pH | 7.8 | 6-9 | 7.9 | 6-9 | 7.58 |
| 2 | TSS | 180 | 250 | 58 | 100 | 69.60 |
| 3 | COD | 392 | ... | 120 | 250 | 196.95 |
| 4 | BOD (3 days at 27° C) | - | ... | - | 30 | 20.17 |
| 5 | Ni | - | 3 | - | 3 | - |
| 6 | Cu | - | 3 | - | 3 | - |
| 7 | Zn | - | 15 | - | 5 | - |
| 8 | Cr (Total) | - | 2 | - | 2 | - |
| 9 | Pb | - | 1 | - | 0.1 | - |
| 10 | Cl | - | ... | - | 1000 | - |
| 11 | SO ₄ | - | ... | - | 1000 | - |
| 12 | Cd | - | 1 | - | 0.05 | - |
| 13 | Oil & Grease | - | 20 | - | 10 | - |
| 14 | TDS | - | ... | - | 2100 | - |
| 15 | Ammonical Nitrogen as N | - | 50 | - | 50 | - |
| 16 | Fluoride | - | 15 | - | 2 | - |
| 17 | Sulphide | - | ... | - | 2.0 | - |

All values are in mg/l except pH

... No Standards

ND- Not Detectable

Flow : 21.0 MLD

Note: Some parameter was not done due to COVID 19 lockdown.

N. Mishra
SR.SCIENTIST



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ANALYSIS REPORT OF BADLI CETP (12 MLD)

Report Number: DPCC/W/CETP/20-21/176

1. Name & Address of Ind. / Unit BADLI CETP (12 MLD)
2. Sampling location Inlet and Outlet of CETP
3. Date of Sampling 05.03.2020
4. Sample analyzed and results DPCC LAB
5. Parameters analyzed and result

6.

| S.No | Parameter | Inlet | | Final Outlet | | OLMS |
|------|-------------------------|---------------|---------------|---------------|---------------|------|
| | | Water Quality | EPA Standards | Water Quality | EPA Standards | |
| 1 | pH | 7.8 | 6-9 | 7.9 | 6-9 | 7.19 |
| 2 | TSS | 184 | 250 | 44 | 100 | 47.0 |
| 3 | COD | 298 | ... | 120 | 250 | 50.5 |
| 4 | BOD (3 days at 27° C) | 98 | ... | 28 | 30 | 13.0 |
| 5 | Ni | 1.5 | 3 | 0.4 | 3 | - |
| 6 | Cu | ND | 3 | ND | 3 | - |
| 7 | Zn | 3.0 | 15 | 2.9 | 5 | - |
| 8 | Cr (Total) | ND | 2 | ND | 2 | - |
| 9 | Pb | ND | 1 | ND | 0.1 | - |
| 10 | Cl | 285 | ... | 245 | 1000 | - |
| 11 | SO ₄ | 1242 | ... | 835 | 1000 | - |
| 12 | Cd | ND | 1 | ND | 0.05 | - |
| 13 | Oil & Grease | 24.4 | 20 | 2.7 | 10 | - |
| 14 | TDS | 3060 | ... | 2040 | 2100 | - |
| 15 | Ammonical Nitrogen as N | 260 | 50 | 44.0 | 50 | - |
| 16 | Fluoride | - | 15 | - | 2 | - |
| 17 | Sulphide | 6.8 | ... | 2.4 | 2.0 | - |

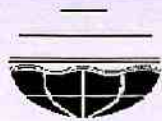
All values are in mg/l except pH

... No Standards

ND- Not Detectable

Flow: 1.522 MLD

N. Mitra
SR.SCIENTIST



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ANALYSIS REPORT OF GTK CETP (6 MLD)

Report Number: DPCC/W/CETP/20-21/177

- | | |
|-----------------------------------|--------------------------|
| 1. Name & Address of Ind. / Unit | GTK CETP (6 MLD) |
| 2. Sampling location | Inlet and Outlet of CETP |
| 3. Date of Sampling | 02.03.2020 |
| 4. Sample analyzed and results | DPCC LAB |
| 5. Parameters analyzed and result | |

6.

| S.No | Parameter | Inlet | | Final Outlet | | OLMS |
|------|-------------------------|---------------|---------------|---------------|---------------|--------|
| | | Water Quality | EPA Standards | Water Quality | EPA Standards | |
| 1 | pH | 7.8 | 6-9 | 8.1 | 6-9 | 7.73 |
| 2 | TSS | 580 | 250 | 58 | 100 | 71.217 |
| 3 | COD | 364 | ... | 280 | 250 | 85.330 |
| 4 | BOD (3 days at 27° C) | 186 | ... | 60 | 30 | 28.509 |
| 5 | Ni | 1.9 | 3 | 0.8 | 3 | - |
| 6 | Cu | ND | 3 | ND | 3 | - |
| 7 | Zn | 3.2 | 15 | 2.5 | 5 | - |
| 8 | Cr (Total) | ND | 2 | ND | 2 | - |
| 9 | Pb | ND | 1 | ND | 0.1 | - |
| 10 | Cl | 895 | ... | 785 | 1000 | - |
| 11 | SO ₄ | 1242 | ... | 660 | 1000 | - |
| 12 | Cd | ND | 1 | ND | 0.05 | - |
| 13 | Oil & Grease | 24.4 | 20 | 2.7 | 10 | - |
| 14 | TDS | 2020 | ... | 1950 | 2100 | - |
| 15 | Ammonical Nitrogen as N | 260 | 50 | 29.0 | 50 | - |
| 16 | Fluoride | - | 15 | - | 2 | - |
| 17 | Sulphide | 5.2 | ... | 2.0 | 2.0 | - |

All values are in mg/l except Ph

... No Standards

ND- Not Detectable

Flow : 1.50 MLD

Mitra
SR.SCIENTIST



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ANALYSIS REPORT OF MAYAPURI CETP (12 MLD)

Report Number: DPCC/W/CETP/20-21/178

1. Name & Address of Ind. / Unit MAYAPURI CETP (12 MLD)
2. Sampling location Inlet and Outlet of CETP
3. Date of Sampling 13.03.2020
4. Sample analyzed and results DPCC LAB
5. Parameters analyzed and result

| S.No | Parameter | Inlet | | Final Outlet | | OLMS |
|------|-------------------------|---------------|---------------|---------------|---------------|------|
| | | Water Quality | EPA Standards | Water Quality | EPA Standards | |
| 1 | pH | 7.7 | 6-9 | 7.9 | 6-9 | 8.08 |
| 2 | TSS | 292 | 250 | 72 | 100 | 67.2 |
| 3 | COD | 468 | ... | 130 | 250 | 68.7 |
| 4 | BOD (3 days at 27° C) | 152 | ... | 38 | 30 | 20.9 |
| 5 | Ni | 1.0 | 3 | 0.9 | 3 | - |
| 6 | Cu | ND | 3 | ND | 3 | - |
| 7 | Zn | 2.5 | 15 | 2.2 | 5 | - |
| 8 | Cr (Total) | ND | 2 | ND | 2 | - |
| 9 | Pb | ND | 1 | ND | 0.1 | - |
| 10 | Cl | 1840 | ... | 2255 | 1000 | - |
| 11 | SO ₄ | 1103 | ... | 571 | 1000 | - |
| 12 | Cd | ND | 1 | ND | 0.05 | - |
| 13 | Oil & Grease | 24.8 | 20 | 8.4 | 10 | - |
| 14 | TDS | 4720 | ... | 4230 | 2100 | - |
| 15 | Ammonical Nitrogen as N | 140 | 50 | 48.4 | 50 | - |
| 16 | Fluoride | - | 15 | - | 2 | - |
| 17 | Sulphide | 6.8 | ... | 2.0 | 2.0 | - |

All values are in mg/l except pH

... No Standards

ND- Not Detectable

Flow : 3.6 MLD

Mitra
SR.SCIENTIST