

**BEFORE THE HON'BLE NATIONAL GREEN TRIBUNAL,
PRINCIPAL BENCH, NEW DELHI**

ORIGINAL APPLICATION NO. 274 OF 2022

IN THE MATTER OF:

PREM AGGARWAL AND ORS

... PETITIONERS

VERSUS

GOVT OF NCT OF DELHI AND ORS

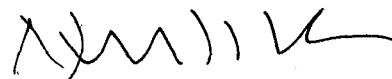
... RESPONDENTS

NEXT DATE:

I N D E X

NDOH. 20.11.2024

| Sr. No. | Particulars | Page No |
|---------|--|---------|
| 1 | Additional affidavit on behalf of Delhi Jal Board | 1 - 7 |
| 2. | <u>Annexure -A</u> A true copy of the Communication of M/s. E.I.L. dated 14.11.2024 addressed to M/s. Galacon Infrastructures & Projects Pvt. Ltd. | 8 |
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| 4 | <u>Annexure-D</u> Copy of order issued from the office of Member (F) vide letter No-DJB/Fin/F&G/Infra/IO/2023-24/5566 dated 27.02.2024. | 36 - 38 |



NANDITA RAO, ADVOCATE

Additional Standing Counsel (Delhi Jal Board)

Chamber No. 424, Delhi High Court

New Delhi-110003, Mob.9999031918

New Delhi

Dated: 18.11.2024

**BEFORE THE HON'BLE NATIONAL GREEN TRIBUNAL,
PRINCIPAL BENCH, NEW DELHI**

ORIGINAL APPLICATION NO. 274 OF 2022

IN THE MATTER OF:

PREM AGGARWAL AND ORS ... PETITIONERS

VERSUS

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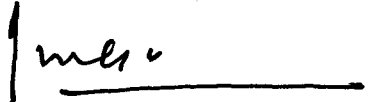
ADDITIONAL AFFIDAVIT OF BEHALF OF DELHI JAL BOARD

I, Bhupesh Kumar, S/o. Shri R. P. Bhaskar, aged about 56 years, having office at Delhi Jal Board, Varunalaya Complex Phase-II, Karol Bagh, New Delhi-110005, do hereby solemnly affirm and state as under:-

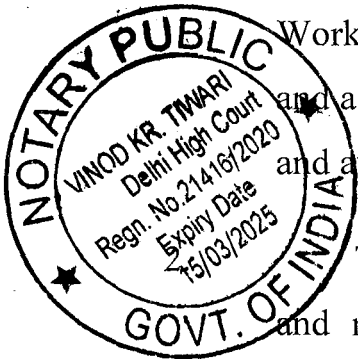
1. That I am working as Chief Engineer (Sewerage Disposal Works) [hereinafter to be referred to as SDW in Delhi Jal Board with and as such well conversant with the facts of the case. I am competent and authorized to swear this affidavit on behalf of Delhi Jal Board.

That the Shahdara Drain starts from UP Border (Indira Vihar) and merges into the downstream of Okhla barrage in U.P. The catchment area of Shahdara Drain is in entire Trans Yamuna area which is mostly sewerred except JJ clusters. The entire sewere falling in the Tran Yamuna area are treated at:-

- (i) Yamuna Vihar STP
- (ii) Kondli STP
- (iii) Chilla STP



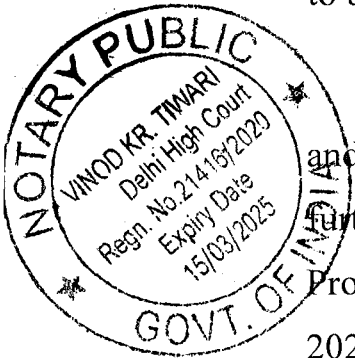
BHUPESH KUMAR
Chief Engineer (SDW)
Delhi Jal Board
(Govt. of NCT of Delhi)
Varunalaya Phase-II, Karol Bagh
New Delhi-110005



3. That there are 32 number of major sub drains falling into Shahdara Drain.

- (i) 17 nos of drains are treated at Kondli STP
- (ii) 15 nos of drains have provision for treatment at Yamuna Vihar STP

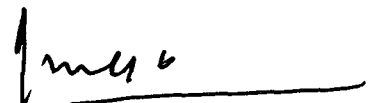
4. That out of 17 Nos of sub drains falling into the Shahdara drain under the catchment of Kondli and treated at Kondli STP, 15 major sub drains with a flow of approximately 31 MGD have already been trapped. Work for trapping of the remaining two drains with approximately 6 MGD i.e., Kanti Nagar and Old Seelampur is likely to be completed by June, 2025.



It may be pertinent to mention here that the work of Kanti Nagar and Old Seelampur drains was allotted to M/s. E.I.L. which had further sub contracted the same to M/s. Galacon Infrastructures & Projects Pvt. Ltd. and was to be completed by the end of December, 2024. Further, it is observed that the work is progressively slow and the same was brought to the notice of M/s. E.I.L.

Vide Communication dated 14.11.2024, M/s. E.I.L. has called upon M/s. Galacon Infrastructures & Projects Pvt. Ltd. to show cause as to why the contract should not be terminated and the work got completed through someone else.

A true copy of the Communication of M/s. E.I.L. dated 14.11.2024 addressed to M/s. Galacon Infrastructures & Projects Pvt. Ltd. is being filed herewith marked as Annexure-A



BHUPESH KUMAR
Chief Engineer (SDW)
Delhi Jal Board
(Govt. of NCT of Delhi)
Varunalaya Phase-II, Karol Bagh
New Delhi-110005

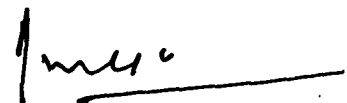
5. It is submitted that there are 4 nos of STPs at Kondli i.e.,
- (i) Phase I – 10 MGD
 - (ii) Phase II – 25 MGD
 - (iii) Phase III – 10 MGD
 - (iv) Phase IV – 45 MGD
6. It is submitted that all the STPs are designed for output parameters as under:-

| S. N | Parameters | Kondli Ph-I, II & III | Kondli Ph-IV | Prescribed standards for treated effluent of STP by DPCC |
|------|-------------------------------|-----------------------|--------------|--|
| 1 | BOD | < 10 mg/l | < 10 mg/l | < 10 mg/l |
| 2 | TSS | < 10 mg/l | < 10 mg/l | < 10 mg/l |
| 3 | COD | < 50 mg/l | < 50 mg/l | < 50 mg/l |
| 4 | pH | 6.5 - 9.0 | 6.5 - 9.0 | 6.5 - 9.0 |
| 5 | Total Nitrogen | < 10 mg/l | < 10 mg/l | < 10 mg/l |
| 6 | Fecal Coliform (FC) MPN/100ml | <100 | <100 | <230 |
| 7 | Phosphate (PO4 -P) | < 1mg/l | < 2 mg/l | < 2 mg/l |
| 8 | Ammonical Nitrogen | < 5mg/l | < 5mg/l | < 5mg/l |

It is further submitted that all the above STP are performing as per NGT norms.

Photocopies of the effluent parameters test report from Shri Ram Institute for industrial research, DPCC reports along with DJB internal test report are being filed herewith marked as **Annexure-B**.

At present 90 MGD sewage is being treated at Kondli STP.



BHUPESH KUMAR
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YAMUNA VIHAR STP

7. That out of 32 sub drains mentioned herein above 15 sub drains fall under the Yamuna Vihar Catchment area and is required to be treated at Yamuna Vihar STP. That out of said 15 drains, one drain at GT Road (0.96 MGD) pertains to the PWD and is not feasible to trap. Provisions for trapping of 14 Nos. of drains for treatment at Yamuna Vihar do exists but treatment will be possible after augmentation of Yamuna Vihar STP from 50-85 MGD.

The treatment capacity at Yamuna Vihar STP is as under:-


- (i) Phase I – 10 MGD
 (ii) Phase II – 15 MGD
 (iii) Phase III – 25 MGD

The total installed capacity at Yamuna Vihar STP is 50 MGD.

9. The Phase-II Plant which was earlier 10 MGD has been augmented to 15 MGD. The Designed Output Parameters of Yamuna Vihar Phase – II STP are as under:-

| S.N. | Parameters | Yamuna Vihar Ph-II |
|------|--------------------------------|--------------------|
| 1 | BOD | < 10 mg/l |
| 2 | TSS | < 10 mg/l |
| 3 | COD | < 50 mg/l |
| 4 | pH | 6.5 - 9.0 |
| 5 | Total Nitrogen | < 10 mg/l |
| 6 | Fecal Coliform MPN / 100ml | <100 |
| 7 | Phosphate (PO ₄ -P) | < 1mg/l |
| 8 | Ammonical Nitrogen | < 5mg/l |

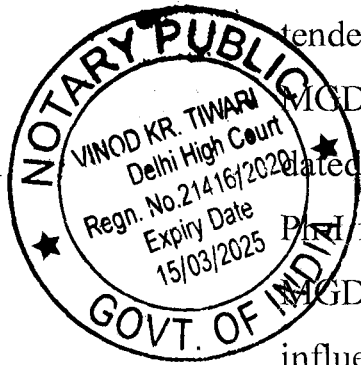
10. I submit that Yamuna Vihar Phase-II 15 MGD STP is performing as per prescribed parameters of NGT.

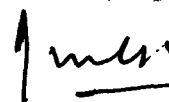

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Photocopies of the effluent parameters test report in respect of Shri Ram Institute for industrial research report, DPCC reports along with DJB internal test report are being filed herewith marked as Annexure-C

11. I submit that there is a proposal for up-gradation of construction of a new 15 MGD STP at Yamuna Vihar. It is submitted that DJB has already taken decision to upgrade/capacity augmentation as per requirement at Yamuna Vihar area. Accordingly, the first call of tender for Augmentation/ Up-gradation of STPs 10 MGD Ph-I & 25 MGD Ph-III at Yamuna Vihar was invited vide NIT 14(2021-22) dated 14.02.2022 to Augment/Up-grade the treatment capacity of STP Ph-I from 10 MGD to 15 MGD and STP Ph-III from 25 MGD to 37 MGD but during bidding process it was noticed that due to high influent characteristic the capacity Augmentation of STP Ph-III is not feasible without modification in existing structure. Accordingly, necessary corrections regarding augmentation/Up-gradation of Ph-III STP up to 25 MGD only were made in NIT. Two bids were received but only a single bid was found technically eligible as per tender conditions Hence, the tender was re-invited 2nd time on 30.07.2022 and then 3rd time on 23.09.2022 but no bids have been received in both Re-invitations.

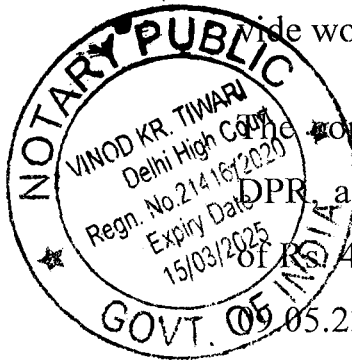
12. That thereafter, the matter was placed before competent authority for Re-looking of proposal as even post Augmentation/Upgradation of exiting STPs at Yamuna Vihar there is still additional requirement of sewage treatment capacity. The competent authority has decided to separate the work of Rehabilitation/Up-gradation of Ph-III STP (25MGD) up to 40 MGD




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and construction of new 15 MGD STP Ph-IV along with solid stream. **This will ensure that the capacity of Yamuna Vihar STP is up-graded from 50 to 85 MGD.**

13. That the proposal for up-gradation of Ph-III and Ph-IV was initiated for In principle approval for the work engagement of consultant i.e. M/s WAPCOS Ltd. on a nomination basis for Rehabilitation/up-gradation of existing STP Ph-III from 25 MGD to 40 MGD and construction of new 15 MGD STP Ph-IV (liquid stream) at Yamuna Vihar on EPC model with open technology. The consultant was appointed by DJB after the approval of CEO, DJB vide work order No. 69 dated 13.03.23.



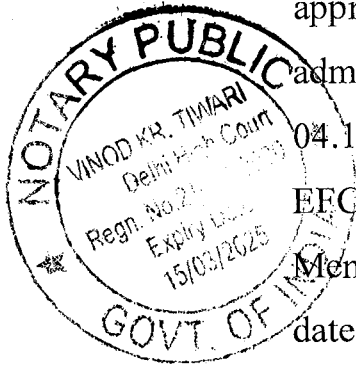
- The consultant M/s WAPCOS Ltd. submitted the feasibility report, along with estimate and technical specifications. The estimate of Rs. 403.25 Cr was approved by the Technical Committee on dated 05.05.23.

14. I submit that there are 32 drains out falling into the Shahdara Drain out of which provision of trapping of 29 drains have been already made and trapping of 2 drains i.e. Kanti Nagar and Old Seelampur is in progress and 1 drain i.e., GT Road is not feasible (moreover as stated hereinabove the same falls under the jurisdiction of PWD). Total required capacity of STP for trans Yamuna area under command of Shahdara Drain is 184 MGD out of which 149 MGD STP have already been installed on the operation at Kondli and Yamuna Vihar and Chilla (9 MGD). Proposal to augment additional 35 MGD at Yamuna Vihar is in process and likely to be completed by December 2025 and Rs.543 Cr approx. is required to complete this project.

[Handwritten Signature]

BHUPESH KUMAR
Chief Engineer (SDW)
Delhi Jal Board
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Varunalaya Phase-II, Karol Bagh
New Delhi-110005

15. I submit that the Hon'ble Minister (Water) has given In-principal approval to revise the estimate on financial model as HAM on 05.06.23 and accordingly DJB has prepared the revised estimate of Rs. 558.22 Cr. on HAM model. The technical committee further approved the estimate of Rs.558.22 Cr. on HAM model for administrative approval from Board. Further CEO (DJB) directed on 04.12.2023 to put up Case on EPC model and getting approval from EFC of UD Deptt. as per instructional order issued from the office of Member (F) vide letter No-DJB/Fin/F&G/Infra/IO/2023-24/5566 dated 27.02.24.



A true copy of the same is being filed herewith marked as **Annexure-D**

16. That at present, the proposal is under process for allocation of budget in Annual Action Plan, financial concurrence before Administrative Approval & Estimate Sanction by UD.

17. I state that what is stated herein above is true and correct and the annexures are true copies of their respective originals.

[Handwritten Signature]
I identified the Deponent who has signed/humans expression before me

10 8 NOV 2024

[Handwritten Signature]

DEPONENT

BHUPESH KUMAR
Chief Engineer (SDW)
Delhi Jal Board
(Govt. of NCT of Delhi)
Varunalaya Phase-II, Karol Bagh
New Delhi-110005

VERIFICATION:

Verified at New Delhi on 08 NOV 2024 that the contents of the above affidavit are correct to my knowledge as derived from the official record available in my office and believed to be true. No part of it is false and nothing material has been concealed therefrom.

CERTIFIED THAT THE CONTENTS EXPLAINED TO THE DEPONENT BY ME WHO IS SEEMED PERFECTLY TO UNDERSTAND AND APPROVED & DEPOSED BEFORE ME AT NEW DELHI

[Handwritten Signature]
127
IDENTIFY THE EXECUTANT/DEPONENT WHO HAS SIGNED IN MY PRESENCE
VINOD KUMAR TIWARI, Advocate, Reg. No. 21/15/2021
NOTARY PUBLIC (NEW DELHI)

[Handwritten Signature]

DEPONENT

BHUPESH KUMAR
Chief Engineer (SDW)
Delhi Jal Board
(Govt. of NCT of Delhi)
Varunalaya Phase-II, Karol Bagh
New Delhi-110005

पंजीकृत एवं कॉर्पोरेट कार्यालय : इंजीनियर्स इंडिया भवन, 1, भीकाएजी कामा प्लेस, नई दिल्ली-110 066 भारत
Regd. & Corporate Office : Engineers India Bhawan, 1, Bhikaiji Cama Place, New Delhi-110 066 INDIA

EIL/Infrastructure/DJB/1050/1648

Date: 14.11.2024

To,

M/s Galacon Infrastructures & Projects Pvt. Ltd.
Sreenidhi Grand, 5th Floor.
Flat No. 501, Plot NO. 76, 77, 80 & 81.
Kakatiya Hills, Gutlabegampet
Madhapur.
Hydrabad-500081

Kind Attn.: Mr. Dharma B. Teja, Director

Sub. : Show Cause Notice

Ref. : Show Cause Notice issued vide letter no. 1596 dated 30.11.2023.

Dear Sir,

The above-mentioned work was awarded to M/s Galacon Infrastructures & Projects Private Limited by DJB through EIL (EIL acting as Constituted Attorney) vide LOA no. 1050/LOA/KNM/17-18/8004/1004/01 dated 16.11.2017 with completion period of 12 months from date of issuance LOA (i.e.-15.11.2018).

In view of the continuous delays and defaults by M/s Galacon, sufficient opportunity was given including notice dated 10.10.2023 for curing the defects. Despite the same M/s Galacon could not complete the works whereupon a show cause notice was issued vide EIL letter no 1596 dated 30.11.2023. Subsequently, opportunity for personal hearing was also accorded to M/s Galacon which as per schedule preferred by M/s Galacon was held on 20.02.2024 wherein, it was agreed by M/s Galacon to submit their response by 01.03.2024. However, we have not received any communication till date.

In view of your continuous breach, you are hereby required to Show Cause in writing within 15 calendar days from the date hereof as to why the contract should not be terminated as per clause 32.2 of the GCC and business dealings with you be suspended/banned by EIL/ DJB.

Your reply (if any) should be supported by the documents and documentary evidence which you wish to rely in support of your reply.

If you fail to reply to this Show Cause Notice within the time and manner aforesaid, it will be presumed that you have nothing to say and EIL/DJB shall proceed suitably.

Your reply, if any, and the documents/documentary evidence given in support shall be taken into consideration prior to arriving at a decision. This notice is being issued without prejudice to EIL and DJB.

Regards,

Akhtiyar Ali
14.11.2024
Akhtiyar Ali

RCM

On behalf of EIL

As constituted Attorney of DJB.

C.c: Executive Engineer, DJB (ISP).



SHRIRAM INSTITUTE FOR INDUSTRIAL RESEARCH

(A unit of Shriram Scientific and Industrial Research Foundation)

19, University Road, Delhi - 110007 (India)
An ISO - 9001, 14001 & 45001 Certified Institute

Website : www.shriraminstitute.org
E-mail id : customercare@shriraminstitute.org
qad@shriraminstitute.org

ULR NO. : TC544424000011984F

TEST REPORT

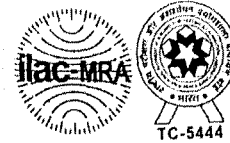
NO : C1/0000372984

ANNEXURE - B

Issued To :

Client Code : (DLHI01T0858)
TRIVENI ENGINEERING & INDUSTRIES LTD
C/O DELHI JAL BOARD,
45 MGD WASTE WATER
TREATMENT PLANT, KONDLI
DELHI
DELHI-110096
Kind Attn: MR. AKHILESH KUMA RALA.G.M (PROJECT)

Date of issue : 11-10-2024
Job No : 2410-1-411-31
Booking No : RG2425/1/5408
Booking Date : 01-10-2024
Customer Ref No : REF.3.1/PXD-1320/DJB-
KONDLI/STP/STYE/963
Customer Ref Dt. : 01-10-2024
Location : Laboratory



Sample Description:

Job No. 2410-1-411-31

One Sample of Sewage Treated Outlet water of Kondli STP- Phase I Outlet, sample labelled as Sample-1, Triveni Engineering & Industries Limited, C/O Delhi Jal Board Kondli Plant: Phase-I (10 MGD) STP, Date of sample: 01.10.2024, Sample taken from: 10 MGD Phase-I Final Outlet, Subject: Rehabilitation and upgradation of Kondli: Phase I (45.5 MLD), Phase II (113.7 MLD) & Phase III (45.5 MLD) wastewater treatment plants (WWTPs) with effluent standards of BOD-10 mg/l or better under YAP (III)-CA No. (2018-2019) dated 10.08.2018 was received.

Note - The sampling was not carried out by Shriram Institute for Industrial Research. The sample details provided in the test certificate are based on the declaration by party.

Discipline : Chemical

Group : Pollution & Environment

| SNo. | Tests | Results | Protocol |
|------|-------------------------------------|---------|---|
| 1 | pH | 7.8 | IS: 3025 Pt-11-2022 |
| 2 | Total Suspended Solids, mg/l | 3 | IS: 3025 Pt-17-2022 |
| 3 | Ammonia (as NH ₄), mg/l | 6 | IS: 3025 Pt-34-1988, RA 2019 (Followed by calculation) |
| 4 | Ammoniacal Nitrogen (as N), mg/l | 4.7 | IS: 3025 Pt-34-1988, RA 2019 |
| 5 | Total Nitrogen (as N), mg/l | 23 | IS: 3025 Pt-34-1988, RA 2019 |
| 6 | Total Phosphorus (as P), mg/l | 1.1 | IS: 3025 Pt-2-2019 |
| 7 | Chemical Oxygen Demand, mg/l | 16 | IS: 3025 Pt-58-2023 |

[Signature]
Reviewed and Authorized by
EMPLOYEE CODE: (6591)

GC-01(Rev-05)

1/2

Note: The results relate only to the items tested / calibrated above.
Scanned copies/photocopies or any other copies should be authenticated by reference to the original report.

BRI-C1 (Rev. 05)

Phone : 91-11-35200445, 35200449

Fax : 91-11-35200455

See overleaf for terms & conditions

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(A unit of Shriram Scientific and Industrial Research Foundation)

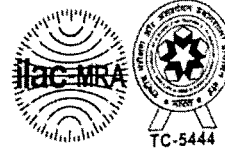
19, University Road, Delhi - 110007 (India)
An ISO - 9001, 14001 & 45001 Certified Institute

Website : www.shriraminstitute.org
E-mail id : customercare@shriraminstitute.org
qad@shriraminstitute.org

ULR NO. : TC544424000011984F

TEST REPORT

NO : C1/0000372984



| | | | |
|---|---|--------------|------------------------|
| 8 | Biochemical Oxygen Demand, mg/l (at 20°C for 5 days) | 3 | APHA 24th Ed., 5210 |
| 9 | MPN Coliform per 100 ml (Detection Limit: Two or more than two organisms/100 ml) | <2 Organisms | IS: 1622:1981, RA 2019 |

Note: For MPN Coliform test, sample was received in party's container.

Date of Receipt : 01.10.2024
Date of Start : 01.10.2024
Date of Completion : 11.10.2024

—End of Report —

[Signature]
Reviewed and Authorized by
EMPLOYEE CODE: (6591)

GC-01(Rev-05)

2/2

Note: The results relate only to the items tested / calibrated above.
Revised copies/photocopies or any other copies should be authenticated by reference to the original report.

SR-CI (Rev. 01)

Phone : 91-11-35200445, 35200449 Fax : 91-11-35200455

See overleaf for terms & conditions

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Website : www.shriraminstitute.org
E-mail Id : customercare@shriraminstitute.org
qad@shriraminstitute.org

ULR NO. : TC544424000011989F

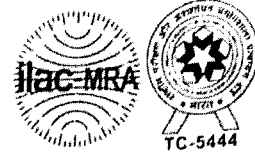
TEST REPORT

NO : C1/0000372989

Issued To :

Client Code : (DLHI01T0858)
TRIVENI ENGINEERING & INDUSTRIES LTD
C/O DELHI JAL BOARD,
45 MGD WASTE WATER
TREATMENT PLANT, KONDLI
DELHI
DELHI-110096
Kind Attn: MR. AKHILESH KUMA RAI.A.G.M (PROJECT)

Date of issue : 11-10-2024
Job No : 2410-1-411-32
Booking No : RG2425/1/5408
Booking Date : 01-10-2024
Customer Ref No. : REF 3 1/PXD-1320/DJB-
KONDLI/STP/SITE/963
Customer Ref Dt : 01-10-2024
Location : Laboratory



Sample Description:

Job No. 2410-1-411-32

One Sample of Sewage Treated Outlet water of Kondli STP- (Phase 2&3 Common Outlet), sample labelled as Sample-2, Triveni Engineering & Industries Limited, C/O Delhi Jal Board Kondli Plant: Phase-2&3 (10 MGD+25 MGD) STP, Date of sample: 01.10.2024, Sample taken from: Phase-2&3 Common Final Outlet, Subject: Rehabilitation and upgradation of Kondli: Phase I (45.5 MLD), Phase II (113.7 MLD) & Phase III (45.5 MLD) wastewater treatment plants (WWTPs) with effluent standards of BOD-10 mg/l or better under YAP (III)-CA No. (2018-2019) dated 10.08.2018 was received.

Note : The sampling was not carried out by Shriram Institute for Industrial Research. The sample details provided in the test certificate are based on the declaration by party.

Discipline : Chemical

Group : Pollution & Environment

| <u>SNo.</u> | <u>Tests</u> | <u>Results</u> | <u>Protocol</u> |
|-------------|-------------------------------------|----------------|---|
| 1 | pH | 7.8 | IS: 3025 Pt-11-2022 |
| 2 | Total Suspended Solids, mg/l | 6 | IS: 3025 Pt-17-2022 |
| 3 | Ammonia (as NH ₄), mg/l | 13 | IS: 3025 Pt-34-1988, RA 2019 (Followed by calculation) |
| 4 | Ammoniacal Nitrogen (as N), mg/l | 10 | IS: 3025 Pt-34-1988, RA 2019 |
| 5 | Total Nitrogen (as N), mg/l | 22 | IS: 3025 Pt-34-1988, RA 2019 |
| 6 | Total Phosphorus (as P), mg/l | 1.1 | IS: 3025 Pt-2-2019 |
| 7 | Chemical Oxygen Demand, mg/l | 28 | IS: 3025 Pt-58-2023 |

Akhil Kuma
Reviewed and Authorized by
EMPLOYEE CODE: (4174)

GC-01(Rev-05)

1/2

Note: The results relate only to the items tested / calibrated above.
Scanned copies/photocopies or any other copies should be authenticated by reference to the original report.

SR-C1 (Rev. 05)

Phone : 91-11-35200445, 35200449

Fax : 91-11-35200455

See overleaf for terms & conditions

SHRIRAM INSTITUTE FOR INDUSTRIAL RESEARCH

(A unit of Shriram Scientific and Industrial Research Foundation)

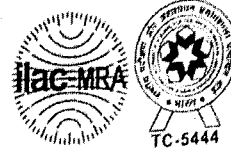
19, University Road, Delhi - 110007 (India)
An ISO - 9001, 14001 & 45001 Certified Institute

Website : www.shriraminstitute.org
E-mail Id : customercare@shriraminstitute.org
qad@shriraminstitute.org

ULR NO. : TC544424000011989F

TEST REPORT

NO : C1/0000372989



| | | | |
|---|--|--------------|------------------------|
| 8 | Biochemical Oxygen Demand, mg/l (at 20°C for 5 days) | 5 | APHA 24th Ed., 5210 |
| 9 | MPN Coliform per 100 ml (Detection Limit: Two or more than two organisms/100 ml) | <2 Organisms | IS: 1622:1981, RA 2019 |

Note: For MPN Coliform test, sample was received in party's container.

Date of Receipt : 01.10.2024

Date of Start : 01.10.2024

Date of Completion : 11.10.2024

—End of Report —

GC-01(Rev-05)

2/2

[Signature]
Reviewed and Authorized by
EMPLOYEE CODE: (4174)

Note: The results relate only to the items tested / calibrated above.
Scanned copies/photocopies or any other copies should be authenticated by reference to the original report.

SRI-C1 (Rev. 05)

Phone : 91-11-35200445, 35200449

Fax : 91-11-35200455

See overleaf for terms & conditions


DELHI POLLUTION CONTROL COMMITTEE

 (Government of N.C.T. of Delhi) 4th & 5th Floor, ISBT Building
 Kashmere Gate, Delhi 110006
 (Visit us at <https://www.dpcccomms.nct.in>)

LIFE
 Lifestyle for
 Environment

Report Number: DPCC/W/STP/24-25/128/1) 245

Dated 10/09/2024

ANALYSIS REPORT OF STP FOR THE MONTH OF AUGUST-2024

1. Name of STP : Kondli
2. Sampling location : Inlet and Outlet of STP
3. Date of Inspection : 21.08.2024
4. Samples collected by : DPCC Lab
5. Parameters analyzed and results :

| Sr. No. | Installed Capacity (MGD) | STP Standard | Parameters | | | | | | | Fecal Coliform MPN/100ml | Remarks |
|----------|--------------------------|--------------|------------|------------|------------|------------|---------------------|---------------------------|---------------------------------|--------------------------|-------------------------|
| | | | pH | TSS (mg/l) | BOD (mg/l) | COD (mg/l) | Oil & Grease (mg/l) | Ammonical Nitrogen (mg/l) | Dissolved Phosphate as P (mg/l) | | |
| | | | 6.5-9.0 | 10 | 10 | 50 | 10 | 5 | 2 | 230 | |
| 1 | Ph-I (10) | Inlet | 7.4 | 224 | 160 | 240 | 11.6 | 28.4 | 23.7 | - | Meeting the standards. |
| | | Outlet | 7.3 | 6 | 4 | 20 | 1.2 | 3.4 | 1.5 | 130 | |
| | | OLMS | - | - | - | - | - | - | - | - | |
| 2 | Ph-II & III (25*10) | Outlet | 7.5 | 7 | 3 | 24 | 1.6 | 4.3 | 1.7 | 140 | Meeting the standards |
| | | OLMS | - | - | - | - | - | - | - | - | OLMS was non-functional |
| Total 45 | | | | | | | | | | | |

Mitra
 I/C Water Laboratory
 Dr. Mandita Moitra
 Scientist 'D'

Alam
 SSA/Analyst/SLA



DELHI POLLUTION CONTROL COMMITTEE
(Government of N.C.T. of Delhi) 4th & 5th Floor, ISBT Building
Kashmere Gate, Delhi 110006
(Visit us at <https://www.dpccomms.nic.in>)



Report Number: DPCC/W/STP/24-25/156/1393

Dated 11/10/2024

ANALYSIS REPORT OF STP FOR THE MONTH OF SEPTEMBER-2024

1. Name of STP : Kondli
2. Sampling location : Inlet and Outlet of STP
3. Date of Inspection : 24.09.2024
4. Samples collected by : DPCC Lab
5. Parameters analyzed and results :

| Sr. No. | Installed Capacity (MGD) | STP Standard | Parameters | | | | | | | | Remarks |
|----------|--------------------------|--------------|------------|------------|------------|------------|---------------------|---------------------------|---------------------------------|--------------------------|------------------------|
| | | | pH | TSS (mg/l) | BOD (mg/l) | COD (mg/l) | Oil & Grease (mg/l) | Ammonical Nitrogen (mg/l) | Dissolved Phosphate as P (mg/l) | Fecal Coliform MPN/100ml | |
| | | | 6.5-9.0 | 10 | 10 | 50 | 10 | 5 | 2 | 230 | |
| 1 | Ph-I (10) | Inlet | 7.5 | 236 | 150 | 272 | 13.2 | 24.8 | 21.3 | - | Meeting the standards. |
| | | Outlet | 7.2 | 7 | 6 | 28 | 2.8 | 2.3 | 1.4 | 180 | |
| | | OLMS | 7.9 | 6.4 | 5.2 | 19.6 | - | 1.5 | - | - | |
| 2 | Ph-II & III (25+10) | Outlet | 7.6 | 6 | 5 | 24 | 2.4 | 3.5 | 1.6 | 150 | Meeting the standards |
| | | OLMS | 7.6 | 7.1 | 8.1 | 36.1 | - | 2.0 | - | - | |
| Total 45 | | | | | | | | | | | |

Maita
I/C Water Laboratory

Scientist 'D'

Sharma
SSA/Analyst/SLA



DELHI JAL BOARD: GOVT. OF N.C.T. OF DELHI
STP KONDLI, DELHI-96
MONTHLY ANALYSIS REPORT 10 MGD PHASE-I
FOR THE MONTH OF SEPTEMBER-24



10 MGD Ph-I

| S.No. | PARTICULARS | Unit | Method of Test (ref.) | Acceptable limits | Inlet | PST | AT | RGF Outlet |
|-------|----------------------------|-------|-----------------------|-------------------|-------|-----|------|------------|
| 1 | pH Value | - | IS 3025 (Part 11) | 6.9-8.5 | 7.0 | 7.1 | 7.2 | 7.5 |
| 2 | Total Alkalinity | mg/l | IS 3025 (Part 23) | - | 331 | 305 | 257 | 227 |
| 3 | Chloride | mg/l | IS 3025 (Part 32) | - | 144 | 132 | 122 | 105 |
| 4 | Dissolve Oxygen | mg/l | IS 3025 (Part 63) | - | - | - | 3.5 | 3.0 |
| 5 | Oxygen Absorption | mg/l | IS 3025 (Part 63) | - | 56.9 | - | - | 2.48 |
| 6 | Conductivity | us/cm | IS 3025 (Part 14) | - | 985 | 943 | 891 | 818 |
| 7 | Total Dissolve Solid(TDS) | mg/l | IS 3025 (Part 16) | - | 644 | - | 579 | 532 |
| 8 | Total Suspended solid(TSS) | mg/l | IS 3025 (Part 17) | 10 | 293 | 114 | 2268 | 7 |
| 9 | Total Solid | mg/l | IS 3025 (Part 15) | - | 937 | - | 2847 | 539 |
| 10 | BOD(27°C, 3 days) | mg/l | IS 3025 (Part 44) | 10 | 137 | - | - | 5 |
| 11 | COD (Open Reflux) | mg/l | IS 3025 (Part 58) | 50 | 371 | - | - | 15 |
| 12 | Ammonical nitrogen | mg/l | IS 3025 (Part 32) | 5.0 | 29 | - | - | 2.3 |
| 13 | TKN | mg/l | IS 3025 (Part 32) | - | - | - | - | - |
| 14 | Ortho Phosphate | mg/l | IS 3025 (Part 11) | 2.0 | 3.2 | - | - | 1.1 |
| 15 | Sulphide | mg/l | IS 3025 (Part 29) | - | 5.8 | - | - | 0.1 |
| 16 | Oil & Grease | mg/l | IS 3025 (Part 39) | - | 7.8 | - | - | 0 |

| Unit (Max/Min) | Max/Min | pH | TSS | BOD | COD | NH3-N | PO4 | O&G |
|----------------|---------|-----|-----|-----|-----|-------|-----|-----|
| INLET | Maximum | 7.1 | 332 | 145 | 465 | 32 | 3.8 | 8.5 |
| | Minimum | 6.8 | 252 | 128 | 299 | 26 | 2.8 | 7 |
| OUTLET | Maximum | 7.6 | 9.0 | 7 | 22 | 7 | 1.8 | 0 |
| | Minimum | 7.4 | 6.0 | 7 | 10 | 0.4 | 0.7 | 0 |

[Signature]
14/10/24
ACWAG

[Signature]
07-10-24
Chemist

[Signature]
31/10/24
Lab Tech.

Lab Asstt. / *[Signature]*



DELHI JAL BOARD: GOVT. OF N.C.T. OF DELHI
STP KONDLI, DELHI-96
MONTHLY ANALYSIS REPORT 25 MGD PHASE-II
FOR THE MONTH OF SEPTEMBER-24



25 MGD Ph-II

| S.No. | PARTICULARS | Unit | Method of Test (ref.) | Acceptable limits | Inlet | PST | AT | RGF Outlet |
|-------|----------------------------|-------|-----------------------|-------------------|-------|-----|------|------------|
| 1 | pH Value | - | IS 3025 (Part 11) | 6.9-8.5 | 7.0 | 7.1 | 7.2 | 7.5 |
| 2 | Total Alkalinity | mg/l | IS 3025 (Part 23) | - | 331 | 303 | 271 | 243 |
| 3 | Chloride | mg/l | IS 3025 (Part 32) | - | 144 | 128 | 120 | 106 |
| 4 | Dissolve Oxygen | mg/l | IS 3025 (Part 63) | - | - | - | 3.4 | 3.0 |
| 5 | Oxygen Absorption | mg/l | IS 3025 (Part 63) | - | 56.9 | - | - | 2.8 |
| 6 | Conductivity | us/cm | IS 3025 (Part 14) | - | 985 | 935 | 908 | 808 |
| 7 | Total Dissolve Solid(TDS) | mg/l | IS 3025 (Part 16) | - | 644 | - | 588 | 525 |
| 8 | Total Suspended solid(TSS) | mg/l | IS 3025 (Part 17) | 10 | 293 | 116 | 2285 | 8 |
| 9 | Total Solid | mg/l | IS 3025 (Part 15) | - | 937 | - | 2872 | 533 |
| 10 | BOD(27°C, 3 days) | mg/l | IS 3025 (Part 44) | 10 | 137 | - | - | 6 |
| 11 | COD (Open Reflux) | mg/l | IS 3025 (Part 58) | 50 | 371 | - | - | 17 |
| 12 | Ammonical nitrogen | mg/l | IS 3025 (Part 32) | 5.0 | 29 | - | - | 4.7 |
| 13 | TKN | mg/l | IS 3025 (Part 32) | - | - | - | - | - |
| 14 | Ortho Phosphate | mg/l | IS 3025 (Part 11) | 2.0 | 3.2 | - | - | 1.4 |
| 15 | Sulphide | mg/l | IS 3025 (Part 29) | - | 5.8 | - | - | 0.0 |
| 16 | Oil & Grease | mg/l | IS 3025 (Part 39) | - | 7.8 | - | - | 0 |

| Unit(Max/Min) | Max/Min | ph | TSS | BOD | COD | NH ₃ -N | PO ₄ | O&G |
|---------------|---------|-----|------|-----|-----|--------------------|-----------------|-----|
| INLET | Maximum | 7.1 | 332 | 145 | 455 | 32 | 3.8 | 8.5 |
| | Minimum | 6.8 | 292 | 128 | 299 | 26 | 2.8 | 7 |
| OUTLET | Maximum | 7.6 | 12.0 | 9 | 30 | 6.5 | 1.8 | 0 |
| | Minimum | 7.4 | 7.0 | 9 | 7 | 1.8 | 0.7 | 0 |

[Signature]
ACWAK
14/10/24

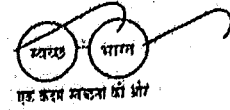
[Signature]
Chemist
07-10-24

[Signature]
Lab Tech.
5/10/24

[Signature]
Lab Asstt.
/SCH



DELHI JAL BOARD; GOVT. OF N.C.T. OF DELHI
STP KONDLI, DELHI-96
MONTHLY ANALYSIS REPORT 10 MGD PHASE-III
FOR THE MONTH OF SEPTEMBER-24



10 MGD Ph-III

| S.No. | PARTICULARS | Unit | Method of Test (ref.) | Acceptable limits | Inlet | PST | AT | RGF Outlet |
|-------|----------------------------|-------|-----------------------|-------------------|-------|-----|------|------------|
| 1 | pH Value | - | IS 3025 (Part 11) | 6.9-8.5 | 7.0 | 7.1 | 7.1 | 7.5 |
| 2 | Total Alkalinity | mg/l | IS 3025 (Part 23) | - | 331 | 340 | 316 | 243 |
| 3 | Chloride | mg/l | IS 3025 (Part 32) | - | 144 | 136 | 120 | 106 |
| 4 | Dissolve Oxygen | mg/l | IS 3025 (Part 63) | - | - | - | 3.5 | 3.0 |
| 5 | Oxygen Absorption | mg/l | IS 3025 (Part 63) | - | 56.9 | - | - | 2.8 |
| 6 | Conductivity | us/cm | IS 3025 (Part 14) | - | 985 | 982 | 930 | 808 |
| 7 | Total Dissolve Solid(TDS) | mg/l | IS 3025 (Part 16) | - | 644 | - | 600 | 525 |
| 8 | Total Suspended solid(TSS) | mg/l | IS 3025 (Part 17) | 10 | 293 | 124 | 2350 | 8 |
| 9 | Total Solid | mg/l | IS 3025 (Part 15) | - | 937 | - | 2950 | 533 |
| 10 | BOD(27°C, 3 days) | mg/l | IS 3025 (Part 44) | 10 | 137 | - | - | 6 |
| 11 | COD (Open Reflux) | mg/l | IS 3025 (Part 58) | 50 | 371 | - | - | 17 |
| 12 | Ammonical nitrogen | mg/l | IS 3025 (Part 32) | 5.0 | 29 | - | - | 4.7 |
| 13 | TKN | mg/l | IS 3025 (Part 32) | - | - | - | - | - |
| 14 | Ortho Phosphate | mg/l | IS 3025 (Part 11) | 2.0 | 3.2 | - | - | 1.4 |
| 15 | Sulphide | mg/l | IS 3025 (Part 29) | - | 5.8 | - | - | 0.0 |
| 16 | Oil & Grease | mg/l | IS 3025 (Part 39) | - | 7.8 | - | - | 0 |

| Unit(Max/Min) | Max/Min | ph | TSS | BOD | COD | NH3-N | PO4 | O&G |
|---------------|---------|-----|------|-----|-----|-------|-----|-----|
| INLET | Maximum | 7.1 | 332 | 145 | 465 | 32 | 3.8 | 8.5 |
| | Minimum | 6.8 | 252 | 128 | 299 | 26 | 2.8 | 7 |
| OUTLET | Maximum | 7.6 | 12.0 | 9 | 30 | 6.5 | 1.8 | 0 |
| | Minimum | 7.4 | 7.0 | 9 | 7 | 1.8 | 0.7 | 0 |

[Signature]
14/10/24

[Signature]
07-10-24
Chemist

[Signature]
11/10/24
Lab Tech.

Lab Assft. *[Signature]*

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qad@shriraminstitute.org

ULR NO. : TC544423000013407F

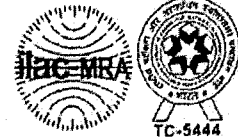
TEST REPORT

NO : C1/0000344917

Issued To :

Client Code : (DLHI01E0724)
EUROTECK ENVIRONMENTAL PVT LTD
STREET PARKING, 5TH FLOOR, NO 503 PLOT NO D-7
PEARLS BUSINESS PARK, MALL ROAD, NETAJI
SUBHASH PLACE
NORTH WEST DELHI
DELHI
DELHI-110034

Date : 16-12-2023
Job No : 2311-1-411-1568
Booking No : RG2324/1/6505
Booking Date : 13-11-2023
Customer Ref No : EMAIL
Customer Ref Dt : 09-11-2023



Kind/Attn: MR. NIRAJ YADAV, HEAD-SERVICE

Sample Description:

Job No. 2311-1-411-1568

ONE GRAB TAPE SEALED SAMPLE OF WATER DRAWN BY OUR REPRESENTATIVE ON 30.11.2023 FROM EUROTECK ENVIRONMENTAL (P) LTD., 45 MGD STP KONDLI DELHI 110096, MARKED AS "FST OUTLET" WAS RECEIVED.

| <u>SNo.</u> | <u>Tests</u> | <u>Results</u> | <u>Protocol</u> |
|-------------|---|----------------|---------------------------------|
| 1 | pH | 7.2 | IS: 3025 Pt-11-2022 |
| 2 | Total Suspended Solids, mg/l | 10 | IS: 3025 Pt-17-2022 |
| 3 | Chemical Oxygen Demand, mg/l | 20 | APHA 24 th Ed., 5220 |
| 4 | Biochemical Oxygen Demand, mg/l (at 20°C for 5 days) | 4 | APHA 24 th Ed., 5210 |
| 5 | Ammoniacal Nitrogen (as N), mg/l | 1.2 | IS: 3025 Pt-34-1988, RA 2019 |
| 6 | Total Phosphorous (as P), mg/l | 1.5 | IS: 3025 Pt-2-2019 |

Date of Receipt : 30.11.2023
Date of Start : 30.11.2023
Date of Completion : 16.12.2023

—End of Report —

AUTHORISED SIGNATORY
EMPLOYEE CODE: (4105)

GC-01(Rev.05)

1/1

Note: The results related to this report are as stated above.
Respected customers are requested to refer by reference to the original report.

ISS-01 (Rev. 05)

Phone : 91-11-35200445, 35200499

Fax : 91-11-35200455

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qad@shriraminstitute.org

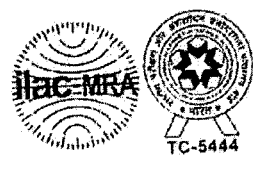
ULR NO. : TC644423000013409F

TEST REPORT

NO : C1/0000344919

Issued To :
Client Code : (DLH101E0724)
EUROTECK ENVIRONMENTAL PVT LTD
STREET PARKING, 5TH FLOOR, NO 503 PLOT NO D-7
PEARLS BUSINESS PARK, MALL ROAD, NETAJI
SUBHASH PLACE
NORTH WEST DELHI
DELHI
DELHI-110034
Kind Attn: MR. NIRAJ YADAV, HEAD-SERVICE

Date : 16-12-2023
Job No : 2311-1-411-1570
Booking No : RG2324/1/6505
Booking Date : 13-11-2023
Customer Ref No. : EMAIL
Customer Ref Dt. : 09-11-2023



Sample Description:

Job No. 2311-1-411-1570

ONE GRAB TAPE SEALED SAMPLE OF WATER DRAWN BY OUR REPRESENTATIVE ON 30.11.2023 FROM EUROTECK ENVIRONMENTAL (P) LTD., 45 MGD STP KONDLI DELHI 110096. MARKED AS "PST OUTLET" WAS RECEIVED.

| <u>SNo.</u> | <u>Test</u> | <u>Result</u> | <u>Protocol</u> |
|---------------------------------|-----------------------------|---------------|------------------------------|
| 1 | Total Nitrogen (as N), mg/l | 1.6 | IS: 3025 Pt-34-1988, RA 2019 |
| Date of Receipt : 30.11.2023 | | | |
| Date of Start : 30.11.2023 | | | |
| Date of Completion : 16.12.2023 | | | |

—End of Report —

At
AUTHORISED SIGNATORY
EMPLOYEE CODE: (4105)

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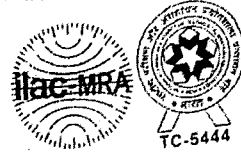
19, University Road, Delhi - 110007 (India)
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Website : www.shriraminstitute.org
E-mail id : customercare@shriraminstitute.org
qad@shriraminstitute.org

ULR NO. : TC544423000013406F

TEST REPORT

NO : C1/0000344916



Issued To :
Client Code : (DLHI01E0724)
EUROTECK ENVIRONMENTAL PVT LTD
STREET PARKING, 5TH FLOOR, NO 303 PLOT NO D-7
PEARLS BUSINESS PARK, MALL ROAD, NETAJI
SUBHASH PLACE
NORTH WEST DELHI
DELHI
DELHI-U0034
Kind Attn. MR. NIRAJ YADAV, HEAD-SERVICE

Date : 16-12-2023
Job No : 2311-1-411-1567
Booking No : RG2324/1/6505
Booking Date : 13-11-2023
Customer Ref No : EMAIL
Customer Ref Dt : 09-11-2023

Sample Description: Job No. 2311-1-411-1567

ONE GRAB TAPE SEALED SAMPLE OF WATER DRAWN BY OUR REPRESENTATIVE ON 30.11.2023 FROM EUROTECK ENVIRONMENTAL(P) LTD., 45 MGD STP KONDLI DELHI 110096, MARKED AS "RAW SEWAGE, STP INLET" WAS RECEIVED.

| SNo. | Tests | Results | Protocol |
|------|---|---------|---------------------------------|
| 1 | pH | 7.2 | IS: 3025 Pt-11-2022 |
| 2 | Total Suspended Solids, mg/l | 236 | IS: 3025 Pt-17-2022 |
| 3 | Chemical Oxygen Demand, mg/l | 656 | APHA 24 th Ed., 5220 |
| 4 | Biochemical Oxygen Demand, mg/l (at 20°C for 5 days) | 328 | APHA 24 th Ed., 5210 |
| 5 | Ammoniacal Nitrogen (as N), mg/l | 35 | IS: 3025 Pt-34-1988, RA 2019 |
| 6 | Total Phosphorous (as P), mg/l | 6.7 | IS: 3025 Pt-2-2019 |

Date of Receipt : 30.11.2023
Date of Start : 30.11.2023
Date of Completion : 16.12.2023

—End of Report —

Auth
AUTHORISED SIGNATORY
EMPLOYEE CODE: (4105)

GC-01(Rev-05)

1/1

Note: The results relate only to the items tested / calibrated above.
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QR CODE

Phone : 91-11-35200445, 35200499 Fax : 91-11-35200455

See overleaf for terms & conditions

SHRIRAM INSTITUTE FOR INDUSTRIAL RESEARCH⁴⁵²21

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Website : www.shriraminstitute.org
E-mail id : customercare@shriraminstitute.org
qad@shriraminstitute.org

ULR NO. : TC544423000013408F

TEST REPORT

NO : C1/0000344918

Issued To:

Client Code : (DLHI01E0724)

EUROTECK ENVIRONMENTAL PVT LTD

STREET PARKING, 5TH FLOOR, NO 503 PLOT NO D-7

PEARLS BUSINESS PARK, MALL ROAD, NETAJI

SUBHASH PLACE

NORTH WEST DELHI

DELHI

DELHI-110034

Kind Attn: MR. NIRAJ YADAV, HEAD-SERVICE

Date : 16-12-2023

Job No : 2311-1-411-1569

Booking No : RG2324/1/6505

Booking Date : 13-11-2023

Customer Ref No. : EMAIL

Customer Ref Dt. : 09-11-2023



Sample Description:

Job No. 2311-1-411-1569

ONE GRAB TAPE SEALED SAMPLE OF WATER DRAWN BY OUR REPRESENTATIVE ON 30.11.2023 FROM EUROTECK ENVIRONMENTAL(P) LTD., 45 MGD STP KONDLI DELHI 110096. MARKED AS "RAW SEWAGE, STP INLET" WAS RECEIVED.

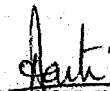
| <u>SNo.</u> | <u>Test</u> | <u>Result</u> | <u>Protocol</u> |
|-------------|-----------------------------|---------------|------------------------------|
| 1 | Total Nitrogen (as N), mg/l | 50 | IS: 3025 Pt-34-1988, RA 2019 |

Date of Receipt : 30.11.2023

Date of Start : 30.11.2023

Date of Completion : 16.12.2023

—End of Report —


AUTHORISED SIGNATORY
EMPLOYEE CODE: (4105)

GC-01 (Rev-05)

1/1

Note: The results relate only to the items tested / calibrated above.
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ERI-C1 (Rev. 00)

Phone : 91-11-35200445, 35200499

Fax : 91-11-35200455

See overleaf for terms & conditions



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E-mail id : customercare@shriraminstitute.org
qad@shriraminstitute.org

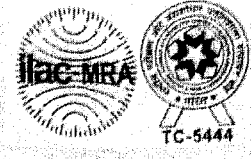
ULR NO. : TG544424000008256F

TEST REPORT

NO : C1/0000364716

Issued To
Client Code : (NDLS61A2577)
Ayyappa Infra Projects Pvt Ltd.
THIRD FLOOR, D1 KH NO 104/8, BACK SIDE
PORTION,
MAIN 25 FOOT ROAD, BABA COLONY, SANTI
NAGAR, BURARI
NEW DELHI
DELHI-110084
Kind Attn: MR. CHANDRASHEKHAR

Date of Issue : 11-07-2024
Job No : 2407-1-411-246
Booking No : RC12425/1/1078
Booking Date : 03-07-2024
Customer Ref No. : --
Customer Ref Dt : 01-07-2024
Location : Laboratory



Sample Description: Job No. 2407-1-411-246

ONE GRAB SAMPLE OF STP OUTLET WATER DRAWN BY OUR REPRESENTATIVE ON 03.07.2024 FROM 45 MGD STP, F-BLOCK KONDLI, DELHI JAL BOARD, NOIDA MOR, DELHI-110096 WAS RECEIVED.

Note: The sample details provided in the test certificate are based on the declaration by party.



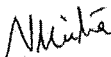

Discipline : Chemical
Group: Pollution & Environment

| SNo. | Test | Results | Protocol |
|------|---|--------------|------------------------|
| 1 | MPN Fecal Coliform per 100 ml (Detection limit - Two or more than two organisms) | <2 Organisms | IS: 1622:1981, RA-2019 |

Sampling Method : APHA 24th Ed.1060-2023
Environmental Conditions :-
a. During Sampling : 31.0 °C
b. During transportation : 5-6 °C
Date of Receipt : 03.07.2024
Date of Start : 04.07.2024
Date of Completion : 11.07.2024

—End of Report —

Reviewed and Authorized by
EMPLOYEE CODE: 4105

|  DELHI POLLUTION CONTROL COMMITTEE (Government of N.C.T. of Delhi) 4th & 5th Floor, ISBT Building Kashmere Gate, Delhi 110006 (Visit us at https://www.dpcccomms.nct.in) | |  LIFE Lifestyle for Environment | | | | | | | | | |
|---|--------------------------|--|------------|------------------|------------|------------|---------------------|---|---------------------------------|--------------------------|------------------------|
| Report Number: DPCC/W/STP/24-25/129/1246 | | | | Dated 10/09/2024 | | | | | | | |
| ANALYSIS REPORT OF STP FOR THE MONTH OF AUGUST-2024 | | | | | | | | | | | |
| 1. Name of STP | | : | | | | | | Kondli New | | | |
| 2. Sampling location | | : | | | | | | Inlet and Outlet of STP | | | |
| 3. Date of Inspection | | : | | | | | | 21.08.2024 | | | |
| 4. Samples collected by | | : | | | | | | DPCC Lab | | | |
| 5. Parameters analyzed and results | | : | | | | | | | | | |
| Sr. No. | Installed Capacity (MGD) | STP Standard | Parameters | | | | | | | | Remarks |
| | | | pH | TSS (mg/l) | BOD (mg/l) | COD (mg/l) | Oil & Grease (mg/l) | Ammonical Nitrogen (mg/l) | Dissolved Phosphate as P (mg/l) | Fecal Coliform MPN/100ml | |
| | | | 6.5-9.0 | 10 | 10 | 50 | 10 | 5 | 2 | 230 | |
| 1 | Ph-IV (45) | Inlet | 7.3 | 162 | 120 | 244 | 14.4 | 22.7 | 23.4 | - | Meeting the Standards. |
| | | Outlet | 7.4 | 7 | 8 | 32 | 0.8 | 2.3 | 1.6 | 84 | |
| | | DLMS | 7.3 | 170.4 | 23.4 | 59.9 | - | 10.9 | - | - | |
| Total 45 | | | | | | | | | | | |
|  I/C Water Laboratory Dr. Nandita Moitra <small>Scientist - B</small> | | | | | | | |  SSA/Analyst/SLA | | | |


DELHI POLLUTION CONTROL COMMITTEE

 (Government of N.C.T. of Delhi) 4th & 5th Floor, ISBT Building
 Kashmere Gate, Delhi 110006
 (Visit us at <https://www.dpccocnms.nic.in>)


Report Number: DPCC/W/STP/24-25/157/324

Dated 11/10/2024

ANALYSIS REPORT OF STP FOR THE MONTH OF SEPTEMBER-2024

1. Name of STP : Kondli New
2. Sampling location : Inlet and Outlet of STP
3. Date of Inspection : 24.09.2024
4. Samples collected by : DPCC Lab
5. Parameters analyzed and results :

| Sr. No. | Installed Capacity (MGD) | STP Standard | Parameters | | | | | | | Remarks | |
|----------|--------------------------|--------------|------------|------------|------------|------------|---------------------|---------------------------|---------------------------------|---------|--------------------------|
| | | | pH | TSS (mg/l) | BOD (mg/l) | COD (mg/l) | Oil & Grease (mg/l) | Ammonical Nitrogen (mg/l) | Dissolved Phosphate as P (mg/l) | | Fecal Coliform MPN/100ml |
| | | | 6.5-9.0 | 10 | 10 | 50 | 10 | 5 | 2 | 230 | |
| 1 | Ph-IV (45) | Inlet | 7.4 | 196 | 134 | 252 | 15.2 | 21.2 | 24.6 | - | Meeting the Standards. |
| | | Outlet | 7.5 | 8 | 7 | 36 | 3.2 | 2.1 | 1.7 | 95 | |
| | | OLMS | 7.3 | 27.8 | 11.6 | 73.8 | - | 14.5 | - | - | |
| Total 45 | | | | | | | | | | | |

I/C Water Laboratory

 Dr. Manojita Mohita
 Scientist

SSA/Analyst/SLA



DELHI JAL BOARD: GOVT. OF N.C.T. OF DELHI
STP KONDLI, DELHI-96
MONTHLY ANALYSIS REPORT 45 MGD PHASE-IV
FOR THE MONTH OF SEPTEMBER-24



45 MGD Ph-IV

| S.No. | PARTICULARS | Unit | Method of Test (ref.) | Acceptable limits | Inlet | PST | AT | RGF Outlet |
|-------|----------------------------|-------|-----------------------|-------------------|-------|-----|------|------------|
| 1 | pH Value | - | IS 3025 (Part 11) | 6.9-8.5 | 7.0 | 7.1 | 7.2 | 7.5 |
| 2 | Total Alkalinity | mg/l | IS 3025 (Part 23) | - | 339 | 307 | 272 | 233 |
| 3 | Chloride | mg/l | IS 3025 (Part 32) | - | 151 | 133 | 120 | 106 |
| 4 | Dissolve Oxygen | mg/l | IS 3025 (Part 63) | - | - | - | 2.3 | 1.9 |
| 5 | Oxygen Absorption | mg/l | IS 3025 (Part 63) | - | 56.1 | - | - | 1.6 |
| 6 | Conductivity | us/cm | IS 3025 (Part 14) | - | 992 | 919 | 861 | 790 |
| 7 | Total Dissolve Solid(TDS) | mg/l | IS 3025 (Part 16) | - | 641 | - | 560 | 512 |
| 8 | Total Suspended solid(TSS) | mg/l | IS 3025 (Part 17) | 10 | 300 | 118 | 1569 | 8 |
| 9 | Total Solid | mg/l | IS 3025 (Part 15) | - | 941 | - | 2129 | 520 |
| 10 | BOD(27°C, 3 days) | mg/l | IS 3025 (Part 44) | 10 | 143 | - | - | 5 |
| 11 | COD (Open Reflux) | mg/l | IS 3025 (Part 58) | 50 | 376 | - | - | 16 |
| 12 | Ammonical nitrogen | mg/l | IS 3025 (Part 32) | 5.0 | 30 | - | - | 2.3 |
| 13 | TKN | mg/l | IS 3025 (Part 32) | - | - | - | - | - |
| 14 | Ortho Phosphate | mg/l | IS 3025 (Part 11) | 2.0 | 3.4 | - | - | 1.0 |
| 15 | Sulphide | mg/l | IS 3025 (Part 29) | - | 6.0 | - | - | 0.0 |
| 16 | Oil & Grease | mg/l | IS 3025 (Part 39) | - | 8.0 | - | - | 0 |

| Unit(Max/Min) | Max/Min | ph | TSS | BOD | COD | NH3-N | PO4 | O&G |
|---------------|---------|-----|-----|-----|-----|-------|-----|-----|
| INLET | Maximum | 7.1 | 328 | 158 | 480 | 34 | 3.8 | 8.5 |
| | Minimum | 6.9 | 272 | 132 | 310 | 28 | 3 | 7.5 |
| OUTLET | Maximum | 7.6 | 9.0 | 7 | 22 | 6 | 1.5 | 0 |
| | Minimum | 7.4 | 6.0 | 7 | 7 | 0.4 | 0.7 | 0 |

[Signature]
14/10/24
ACVA(K)

[Signature]
07/10/24
Chemist

[Signature]
5/10/24
Lab Tech.

[Signature]
Lab Asstt. / SC4

SHRIRAM INSTITUTE FOR INDUSTRIAL RESEARCH

(A unit of Shriram Scientific and Industrial Research Foundation)

19, University Road, Delhi - 110007 (India)
An ISO - 9001, 14001 & 45001 Certified Institute

Website : www.shriraminstitute.org
E-mail id : customercare@shriraminstitute.org
qad@shriraminstitute.org

ULR NO. : TC54442400001/1269F

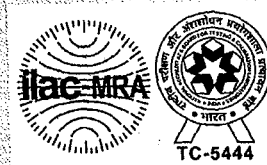
TEST REPORT

NO : C1/0000371319

ANNEXURE - C

Issued To
Client Code : (DISH01S1154)
SUBHASH INFRA ENGINEERS PRIVATE LIMITED
DELHI JAL BOARD, 10 MGD STP PH-II
NEAR DR. BHIM RAO AMBEDKAR COLLEGE MAIN
WAZIRABAD ROAD
DELHI
DELHI-110053

Date of issue : 25-09-2024
Job No : 2409-1-411-959
Booking No : RG2425/1/4926
Booking Date : 14-09-2024
Customer Ref No. : EMAIL
Customer Ref DL : 13-09-2024
Location : Laboratory



Sample Description:

Job No. 2409-1-411-959

One Grab Tap sealed Sample of STP Outlet drawn by our representative on 13.09.2024 from Subhash Infra Engineers Pvt. Ltd., Delhi Jal Board, 10 MGD STP Phase-II, Yamuna Vihar, Delhi marked as "STP Outlet" was received.

Note: The sample details provided in the test certificate are based on the declaration by party.

Discipline : Chemical

Group: Pollution & Environment

| SNo. | Tests | Results | Protocol |
|------|---|---------------|------------------------------|
| 1 | pH | 8.0 | IS: 3025 Pt-11-2022 |
| 2 | Total Suspended Solids, mg/l | 7 | IS: 3025 Pt-17-2022 |
| 3 | Chemical Oxygen Demand, mg/l | 20 | IS: 3025 Pt-58-2023 |
| 4 | Biochemical Oxygen Demand, mg/l (at 20°C for 5 days) | 4 | APHA 24th Ed., 5210 |
| 5 | Total Phosphate (as P), mg/l | 0.2 | IS: 3025 Pt-2-2019 |
| 6 | Ammoniacal Nitrogen (as N), mg/l | 11.2 | IS: 3025 Pt-34-1988, RA 2019 |
| 7 | Total Kjeldahl Nitrogen (as N), mg/l | 15 | IS: 3025 Pt-34-1988, RA 2019 |
| 8 | MPN Fecal Coliform/100 ml | 940 Organisms | IS: 1622:1981, RA-2019 |

Sampling Method : APHA 24th Ed.1060 & 9060-2023

Environmental Conditions :-

a. During Sampling : 27 °C

b. During transportation : 5-6 °C

Date of Receipt : 16.09.2024

Date of Start : 16.09.2024

Date of Completion : 25.09.2024

—End of Report —

Quiter Jast
Reviewed and Authorized by
EMPLOYEE CODE: (M105)

GC-01 (Rev-05)

1/1



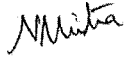

Note: The results relate only to the items tested / calibrated above.
Scanned copies and/or any other copies should be authenticated by reference to the original report.

Phone : 91-11-35200445, 35200449

Fax : 91-11-35200455

See overleaf for terms & conditions

SHR21 (REV.05)

|  DELHI POLLUTION CONTROL COMMITTEE  | | | | | | | | | | | |
|--|--------------------------|------------------|--|------------|------------|------------|---------------------|---------------------------|--------------------------------|--------------------------|---|
| (Government of N.C.T. of Delhi) 4th & 5th Floor, ISBT Building Kashmere Gate, Delhi 110006 (Visit us at https://www.dpccomms.nic.in) | | | | | | | | | | | |
| Report Number: DPCC/W/STP/24-25/136/1252 | | Dated 10/09/2024 | | | | | | | | | |
| ANALYSIS REPORT OF STP FOR THE MONTH OF AUGUST-2024 | | | | | | | | | | | |
| 1. Name of STP : Yamuna Vihar 2. Sampling location : Inlet and Outlet of STP 3. Date of Inspection : 13.08.2024 4. Samples collected by : DPCC Lab 5. Parameters analyzed and results : | | | | | | | | | | | |
| Sr. No. | Installed Capacity (MGD) | STP Standard | Parameters | | | | | | | | Remarks |
| | | | pH | TSS (mg/l) | BOD (mg/l) | COD (mg/l) | Oil & Grease (mg/l) | Ammonical Nitrogen (mg/l) | Dissolved Phosphate as P(mg/l) | Fecal Coliform MPN/100ml | |
| | | | 6.5-9.0 | 10 | 10 | 50 | 10 | 5 | 2 | 230 | |
| 1 | 10 Ph-1 | Inlet | 7.1 | 148 | 100 | 220 | 15.2 | 14.3 | 22.7 | - | Not meeting the standards wrt TSS, BOD, COD & Fecal Coliform. |
| | | Outlet | 7.4 | 44 | 13 | 96 | 1.6 | 2.6 | 1.5 | 2500 | |
| | | OLMS | 7.2 | 15.0 | 9.0 | 37.3 | - | 21.0 | - | - | |
| 2 | 10 Ph-2 | Inlet | 7.5 | 168 | 113 | 268 | 12.4 | 16.5 | 21.4 | - | Not meeting the standard wrt TSS, BOD, COD & Fecal Coliform. |
| | | Outlet | 7.2 | 25 | 11 | 60 | 1.2 | 2.3 | 1.7 | 640 | |
| | | OLMS | 7.4 | 8.7 | 5.8 | 29.8 | - | 4.9 | - | - | |
| Total 20 | | | | | | | | | | | |
|  I/C Water Laboratory | | |  SSA/Analyst/SLA | | | | | | | | |


DELHI POLLUTION CONTROL COMMITTEE

 (Government of N.C.T. of Delhi) 4th & 5th Floor, ISBT Building
 Kashmere Gate, Delhi 110006
 (Visit us at <https://www.dpccemms.nic.in>)


Report Number: DPCC/W/STP/24-25/164/133

Dated 11/10/2024

ANALYSIS REPORT OF STP FOR THE MONTH OF SEPTEMBER-2024

1. Name of STP : Yamuna Vihar
2. Sampling location : Inlet and Outlet of STP
3. Date of inspection : 24.09.2024
4. Samples collected by : DPCC Lab
5. Parameters analyzed and results :

| Sr. No. | Installed Capacity (MGD) | STP Standard | Parameters | | | | | | | Remarks | |
|----------|--------------------------|--------------|------------|------------|------------|------------|---------------------|---------------------------|---------------------------------|---------|---|
| | | | pH | TSS (mg/l) | BOD (mg/l) | COD (mg/l) | Oil & Grease (mg/l) | Ammonical Nitrogen (mg/l) | Dissolved Phosphate as P (mg/l) | | Fecal Coliform MPN/100ml |
| | | | 6.5-9.0 | 10 | 10 | 50 | 10 | 5 | 2 | 230 | |
| 1 | 10 | Inlet | 7.2 | 204 | 175 | 280 | 12 | 13.4 | 21.8 | - | Not meeting the standards wrt TSS, BOD, COD & Fecal Coliform OLMS was non functional |
| | | Outlet | 7.5 | 19 | 17 | 68 | 1.6 | 2.5 | 1.3 | 2400 | |
| | | OLMS | - | - | - | - | - | - | - | - | |
| 2 | 10 | Inlet | 7.6 | 212 | 180 | 284 | 14.8 | 15.2 | 20.2 | - | Not meeting the standard wrt TSS, BOD, COD & Fecal Coliform. |
| | | Outlet | 7.3 | 17 | 15 | 64 | 0.4 | 2.2 | 1.5 | 540 | |
| | | OLMS | 7.4 | 8.9 | 5.9 | 30.6 | - | 5.0 | - | - | |
| Total 20 | | | | | | | | | | | |

 I/C Water Laboratory

 SSA/Analyst/SLA

 Dr. Nandita Mishra
 Scientist D

A.C.W.A. (Y.V)
 Diary No. 290
 Date 03/10/24

DELHI JAL BOARD
 Office of the Asst. Chief water analyst
 Sewage Treatment Plant, Yamuna Vihar, Delhi-110053.
 (PHASE-I)

DATE:
 03/10/2024

| AVERAGE REPORT FOR SEPTEMBER MONTH | | | | | |
|--|------|------------|------|------|-----|
| | Unit | Raw Sewage | PST | AT | FST |
| Flow | MGD | 10.11 | - | - | - |
| pH | - | 7.2 | 7.3 | 7.3 | 7.4 |
| Total Alkalinity (as CaCO ₃) | mg/L | 388 | 356 | 308 | 367 |
| Chloride (as Cl) | mg/L | 115 | - | - | 110 |
| Oxygen Absorption | mg/L | 70.4 | 38.7 | - | 8 |
| Dissolve Oxygen | mg/L | - | - | 1.53 | 2.5 |
| Total Dissolved solids | mg/L | 683 | 660 | 644 | 655 |
| Total Suspended Solid(TSS) | mg/L | 279 | 115 | 1185 | 14 |
| Total Solid | mg/L | 943 | 720 | 1829 | 869 |
| BOD | mg/L | 187 | 78 | - | 9 |
| COD | mg/L | 480 | - | - | 27 |
| Ammonia (as total ammonia-N) | mg/L | 32 | - | - | 20 |
| Dissolve Phosphate | mg/L | 3.5 | - | - | 1.1 |
| Sulphide (as H ₂ S) | mg/L | 4.2 | - | - | 1.8 |
| Oil & Grease | mg/L | 12.3 | - | - | 2.2 |

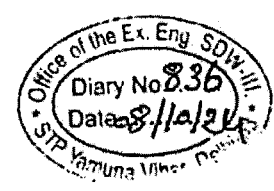
[Signature]
 4/10/24
 (B.K. VERMA)
 ACWA (TYR)

[Signature]
 04/10/24
 (SANJAY DEOLIYA)
 CHEMIST

[Signature]
 4/10/24
 (SHIVKUMAR SHARMA)
 A/CHEMIST

- Copy to:
- 1 MEMBER (DRAINAGE)
 - 2 CWA (W&S)-I
 - 3 CE (SDW)
 - 4 SE(SDW)
 - 5 EE (SDW) III
 - 6 AE(SDW) III
 - 7 ACWA(TYR)
 - 8 O/C

[Handwritten] AB-E/IC
[Signature] 03/10/24



DELHI JAL BOARD
Office of the Asst. Chief water analyst
Sewage Treatment Plant, Yamuna Vihar, Delhi-110053.
(PHASE-II)

DATE:
03/10/2024

| AVERAGE REPORT FOR SEPTEMBER MONTH | Unit | Raw Sewage | PST | AT | FST |
|--|------|------------|------|------|------|
| Flow | MGD | 15.27 | - | - | - |
| | | - | - | - | - |
| pH | - | 7.3 | 7.1 | 7.4 | 7.5 |
| Total Alkalinity (as CaCo ₃) | mg/L | 379 | 367 | 357 | 364 |
| Chloride (as Cl) | mg/L | 97 | - | - | 107 |
| Oxygen Absorption | mg/L | 54.5 | 38.8 | - | 5.7 |
| Dissolve Oxygen | mg/L | - | - | 1.48 | 2.25 |
| Total Dissolved solids | mg/L | 614 | 569 | 629 | 648 |
| Total Suspended Solid(TSS) | mg/L | 303 | 151 | 1458 | 9 |
| Total Solid | mg/L | 897 | 720 | 2087 | 657 |
| BOD | mg/L | 177 | 90 | - | 6 |
| COD | mg/L | 504 | - | - | 18 |
| Ammonia (as total ammonia-N) | mg/L | 30 | - | - | 12 |
| Dissolve Phosphate | mg/L | 3.4 | - | - | 0.7 |
| Sulphide (as H ₂ S) | mg/L | 3.9 | - | - | 1.4 |
| Oil & Grease | mg/L | 12.1 | - | - | 1.9 |





[Signature]
4/10/24
(B.K. VERMA)
ACWA (TYR)

[Signature]
04/10/24
(SANJAY DEOLIYA)
CHEMIST

[Signature]
4/10/24
(SHIVKUMAR SHARMA)
A/CHEMIST

Copy to:

- 1 MEMBER (DRAINAGE)
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- 3 CE (SDW)
- 4 SE(SDW)
- 5 EE (SDW) III
- 6 AE(SDW) III
- 7 ACWA(TYR)
- 8 O/C

|  DELHI POLLUTION CONTROL COMMITTEE (Government of N.C.T. of Delhi) 4th & 5th Floor, ISBT Building Kashmere Gate, Delhi 110006 (Visit us at https://www.dpccocnims.aic.in) | |  LIFE Lifestyle for Environment | | | | | | | | | |
|---|--------------------------|--|------------|------------|------------|------------|---------------------|---------------------------|---------------------------------|--------------------------|---|
| Report Number: DPCC/W/STP/24-25/131/1248 | | Dated 10/09/2024 | | | | | | | | | |
| ANALYSIS REPORT OF STP FOR THE MONTH OF AUGUST-2024 | | | | | | | | | | | |
| 1. Name of STP : | | Yamuna Vihar Ph-III | | | | | | | | | |
| 2. Sampling location : | | Inlet and Outlet of STP | | | | | | | | | |
| 3. Date of Inspection : | | 13.08.2024 | | | | | | | | | |
| 4. Samples collected by : | | DPCC Lab | | | | | | | | | |
| 5. Parameters analyzed and results : | | | | | | | | | | | |
| Sr. No. | Installed Capacity (MGD) | STP Standard | Parameters | | | | | | | | Remarks |
| | | | pH | TSS (mg/l) | BOD (mg/l) | COD (mg/l) | Oil & Grease (mg/l) | Ammonical Nitrogen (mg/l) | Dissolved Phosphate as P (mg/l) | Focal Coliform MPN/100ml | |
| | | | 6.5-9.0 | 10 | 10 | 50 | 10 | 5 | 2 | 230 | |
| 1 | 25 | Inlet | 7.3 | 150 | 133 | 272 | 11.6 | 16.4 | 27.2 | - | Not meeting the Standards wrt TSS, BOD, COD & Focal Coliform. |
| | | Outlet | 7.5 | 24 | 15 | 64 | 2.8 | 1.8 | 1.2 | 1800 | |
| | | OLMS | 7.1 | 22.1 | 13.6 | 53.5 | - | 19.6 | - | - | |
| Total 25 | | | | | | | | | | | |
|  I/C Water Laboratory Dr. Nandita Moitra <small>Scientist II</small> | |  SSA/Analyst/SLA | | | | | | | | | |



DELHI POLLUTION CONTROL COMMITTEE
 (Government of N.C.T. of Delhi) 4th & 5th Floor, ISBT Building
 Kashmere Gate, Delhi 110006
 (Visit us at <https://www.dpccomms.nic.in>)



LIFE
 Lifestyle for Environment

Report Number: DPCC/W/STP/24-25/199/1326

Dated 11/10/2024

ANALYSIS REPORT OF STP FOR THE MONTH OF SEPTEMBER-2024

1. Name of STP : Yamuna Vihar Ph-III
2. Sampling location : Inlet and Outlet of STP
3. Date of Inspection : 24.09.2024
4. Samples collected by : DPCC Lab
5. Parameters analyzed and results :

| Sr. No. | Installed Capacity (MGD) | STP Standard | Parameters | | | | | | | | Remarks |
|----------|--------------------------|--------------|------------|------------|------------|------------|---------------------|---------------------------|---------------------------------|--------------------------|---|
| | | | pH | TSS (mg/l) | BOD (mg/l) | COD (mg/l) | Oil & Grease (mg/l) | Ammonical Nitrogen (mg/l) | Dissolved Phosphate as P (mg/l) | Fecal Coliform MPN/100ml | |
| | | | 6.5-9.0 | 10 | 10 | 50 | 10 | 5 | 2 | 230 | |
| 1 | 25 | Inlet | 7.4 | 216 | 150 | 312 | 11.2 | 16.6 | 26.3 | - | Not meeting the Standards wrt TSS, BOD, COD & Fecal Coliform. |
| | | Outlet | 7.6 | 28 | 16 | 72 | 1.2 | 1.7 | 1.4 | 1600 | |
| | | OLMS | 7.9 | 20.3 | 11.3 | 55.6 | - | 20.0 | - | - | |
| Total 25 | | | | | | | | | | | |

N. Mitta
 I/C Water Laboratory

N. Mitta
 Scientist 'D'

[Signature]
 SSA/Analyst/SLA

Office of EE (SDW) XIII
 Diary No. 259
 Dated. 8.11.2024

A.C.W.A. (Y.V)
 Diary No. 1239
 Date. 8.11.24

DELHI JAL BOARD
 Office of the Asst. Chief water analyst
 Sewage Treatment Plant, Yamuna Vihar, Delhi-110053.
 (PHASE-III)

DATE:
 04/11/2024

| AVERAGE REPORT FOR OCTOBER MONTH | | Raw Sewage | PST | AT | FST |
|----------------------------------|------|------------|------|------|------|
| Flow | MGD | 27.46 | - | - | - |
| pH | - | 7.3 | 7.2 | 7.4 | 7.6 |
| Total Alkalinity (as CaCo3) | mg/L | 429 | 444 | 509 | 419 |
| Chloride (as Cl) | mg/L | 128 | - | - | 122 |
| Oxygen Absorption | mg/L | 69.7 | 42.8 | - | 19.4 |
| Dissolve Oxygen | mg/L | - | - | 0.4 | 0.47 |
| Total Dissolved solids | mg/L | 774 | 802 | 838 | 694 |
| Total Suspended Solid(TSS) | mg/L | 403 | 175 | 2449 | 28 |
| Total Solid | mg/L | 1177 | 977 | 3284 | 722 |
| BOD | mg/L | 212 | 102 | - | 18 |
| COD | mg/L | 626 | - | - | 57 |
| Ammonia (as total ammonia-N) | mg/L | 39 | - | - | 28 |
| Dissolve Phosphate | mg/L | 4.2 | - | - | 1.9 |
| Sulphide (as H2S) | mg/L | 5.8 | - | - | 2.6 |
| Oil & Grease | mg/L | 13.2 | - | - | 2.8 |

[Signature]
 (B.K. VERMA)
 ACWA (TYR)

[Signature]
 (SANJAY DEOLIYA)
 CHEMIST

[Signature]
 (SHIV KUMAR SHARMA)
 A/CHEMIST

- Copy to:
- 1 MEMBER (DRAINAGE)
 - 2 CWA (W&S)-I
 - 3 CE (SDW)
 - 4 SE(SDW)
 - ✓ 5 EE (SDW) XIII
 - 6 GSJ (26 MGD)
 - 7 ACWA(TYR)
 - 8 OIC

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DELHI JAL BOARD
OFFICE OF THE ASSTT. CHIEF WATER ANALYST
SEWAGE TREATMENT PLANT LAB
YAMUNA VIHAR, DELHI-110053

No. DJB/ACWA(Y.V.)/CESS/2024
CESS REPORT FOR THE MONTH OF OCTOBER -2024

DATE:- 04.11.2024

| S. No. | Description | 25 MGD Ph-III |
|--------|--|---------------|
| 1 | Total Sewage Treated in MGD in October month | 851.29 MGD |
| 2 | Primary Treatment in MGD in October month | 851.29 MGD |
| 3 | Secondary Treatment in MGD in October month | 851.29 MGD |

| | RAW SEWAGE | | PST | | FST | |
|---------------------------------------|---------------|--------------|--------------|---------------|--------------|--------------|
| | B.O.D (mg/L) | T.S.S (mg/L) | B.O.D (mg/L) | T.S.S. (mg/L) | B.O.D (mg/L) | T.S.S (mg/L) |
| 25 MGD Ph-III | 213 | 403 | 102 | 175 | 18 | 28 |
| Total B.O.D. Reduction in Mg/L Ph-III | 213 to 18 | | | | | |
| Total T.S.S. Reduction in Mg/L Ph-III | 403 to 28 | | | | | |
| Power failure for the complete month | 01 hr 05 mins | | | | | |


(K.K. AGGARWAL)

EE (SDW)-XIII


(B.K. VERMA)

ACWA(TYR)


(SANJAY DEOLIYA)

CHEMIST

COPY TO:-

1. Member (Drainage)
2. CE (SDW)
3. CWA (W&S)-I
4. SE (SDW)
5. EE (SDW)XIII
6. ACWA(TYR)

7. CHEMIST

8.GSI

9. O/C

DELHI JAL BOARD
Office of the Astt. Chief water analyst
Sewage Treatment Plant, Yamuna Vihar, Delhi-110053.

DATE:04.11.2024

| PERFORMANCE MONITORING OF S.T.P | | TREATMENT PLANT |
|--|--------------|--------------------------|
| 1. Month | | Oct-24 |
| 2. Name of STP | | Yamuna Vihar-III |
| 3. Type | | ACTIVATED SLUDGE PROCESS |
| 4. Capacity (MGD) | | 25 MGD |
| 5. Actual Treatment (M.Liter) | | |
| i. Daily basis | in M.Liter | 124.6728 |
| ii. Monthly Basis (Average) | in M.Liter | 3864.857 |
| 6. Performance in term of % reduction (Monthly Basis) | | |
| i. B.O.D. (Mg/L) | In %age | 92 |
| ii. C.O.D. (Mg/L) | In %age | 91 |
| iii. TSS (Mg/L) | In %age | 93 |
| 7. Aeration Tanks | | |
| i. MLSS / Monthly Basis | | 2449 |
| ii. Dissolve Oxygen (Monthly Basis) | | 0.40 |
| 8. Quality of sewage : (Monthly Basis) | | |
| | B.O.D (Mg/L) | 213 |
| | C.O.D (Mg/L) | 626 |
| | T S S (Mg/L) | 403 |
| (ii) Final effluent. | | |
| | B.O.D (Mg/L) | 18 |
| | C.O.D (Mg/L) | 57 |
| | T S S (Mg/L) | 28 |
| 9. Unit wise performance on daily basis | | |
| (i) Grit Chember. | | NORMAL |
| (ii) Primary Settling Tank. | | NORMAL |
| (iii) Aeration tank . | | NORMAL |
| iv) Final Settling tank. | | NORMAL |
| 10. Abnormal situation encountered. | | NIL |
| 11. Malfunctioning of any unit when needs repair. | | NIL |
| 12. Abnormal situation like rain and storm water contribution etc | | NIL |
| 13. Complete record of electric failure along with date & duration | | 01 HR 05 MINS |
| 14. Quantity of sludge (Monthly basis) | | |
| i. Production - | | |
| ii. Dispos In cu/ft | | 63937.52 cu/ft |
| 15. Quantity of Gas (Monthly basis) | | |
| i. Production- in m3 | | 147300 m3 |
| ii. Utilization - | | In Power Genration |


(K.K. AGGARWAL)
E.E.(SDW)XIII

(B.K. VERMA)
ACWA(TYR)

(SANJAY DEOLIA)
CHEMIST

Copy to :- 1. CE(SDW) 2. SE(SDW) 3. CWA(W&S)-I 4. EE(SDW)XIII
 5. ACWA(TYR) 6. GSI 7. O/C

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27/2/24

| | | |
|---|---|---------------------------------|
|  | DELHI JAL BOARD: GOVT OF NCT OF DELHI OFFICE OF THE MEMBER (FINANCE) VARUNALAYA PHASE-II, KAROL BAGH, NEW DELHI | A2601 kg Arundhati Mahapatra |
| | | |

No. DJB/Fin./ (F&G)/Infra/I.O./2023-24 / 5560

Dated: 27-02-2024

INSTRUCTIONAL ORDER

1. Reference is invited to Para 18 of Government Order dated 18-07-2011 issued by Finance (Accounts) Department, Government of National Capital Territory of Delhi, Delhi Secretariat, New Delhi, which deals with execution of projects/works. The Para reads as under:-

"Execution of projects/works: Prior approval of competent authority as notified in Order No PA/DSF/Misc./2010-11/DSIV/2505-2515, dated June 02, 2011, issued by Finance Department, GNCTD shall be obtained by all grantee institutions/autonomous bodies in the matter of execution of projects/schemes keeping in view the estimated cost/value of the project".

2. The order dated 02.06.2011 referred to in above para deals with revision of delegation of powers for sanction of capital works and provides as under:-

"In supersession to all previous orders regarding delegation of powers for sanction of capital works, the Lieutenant Governor of Delhi is pleased to enhance the financial power of different authorities for approval and sanction of capital projects of the departments of Government of NCT of Delhi in the following manner":-

| Sr. No. | Name of the Authority | Existing Financial Limit | Enhanced Financial Limit |
|---------|--------------------------------------|---|--|
| 1. | HOD | Upto Rs. 85.00 lakh | Upto Rs. 1.00 crore. |
| 2. | Administrative Secretary (as HOD) | Upto Rs.85.00 lakh | Above Rs. 1.00 core and upto Rs. 2.00 crore |
| 3. | Finance Department | Above Rs. 85 lakh and upto Rs. 5.00 crore | Above Rs. 2.00 crore and upto-Rs. 10.00 crore. |
| 4. | EFC | Above Rs. 5.00 crore and upto Rs. 100 crore. | Above Rs. 10.00 crore and upto Rs. 100.00 crore |
| 5. | Cabinet | Above Rs. 100.00 core | No change |

3. Subsequently, the delegation of power for sanction of capital works stand revised vide GNCTD, Finance (Accounts) Department O.M. Order no. F.20/08/2019/AC/jsfina/2575-2674 dated 07.08.2019. As per this Order, the revised delegation in respect of grant of approval for works/projects is as under:-

| S.No. | Nature of Power | Financial Powers delegated to HoDs | Financial Powers delegated to Administrative Departments/ Secretaries | Remarks |
|-------|-----------------|------------------------------------|---|---------|
| | | | | |

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| | | | | |
|----|--|---|---|--|
| 1. | Administrative Approval and Expenditure Sanction to Works/ Projects. | Upto Rs. 10.00 Crore subject to availability of funds and estimates prepared by PWD or any other Government approved work executing agency. | Upto Rs. 50.00 Crore subject to availability of funds and estimates prepared by PWD or any other Government approved work executing agency. | (a) Approval of FD is required for all Schemes/projects costing/estimating above Rs. 50.00 crore and Upto Rs. 100.00 crore. |
| | | | | (b) Approval of EFC headed by Hon'ble Finance Minister is require for all Schemes/ Projects costing/estimating above Rs. 100.00 crore but less than Rs. 500.00 crore. |
| | | | | (c) Approval of the Council of Ministers is required in respect of all Schemes/Projects costing/estimating Rs.500.00 crore and above after the recommendations of EFC. |

4. Delhi Jal Board receives funds from Government of NCT of Delhi in the form of Grants-in-Aid and Loans. The instructions in para 1 above are to be followed by DJB being grantee institution. The objectives of such funding include many crucial elements such as the extension of water and sewerage network in each and every building, significant reduction in Non-Revenue Water (NRW) and improvement in pollution parameter of River Yamuna etc.

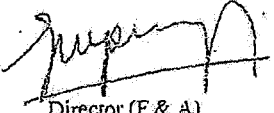
5. In pursuance of provisions of Section 73 of Delhi Water Board Act, 1998, DJB is duly bound to comply with the directions contained in Government Order dated 18-07-2011 issued by Government of National Capital Territory of Delhi, Finance (Accounts) Department, Delhi Secretariat, New Delhi vide No. F.12/3/2010-AC/dsfa/DS-III/914-921. A separate note has been submitted for seeking clarification as regards the Competent Authority for sanction of works costing upto Rs. 50 crores. However, as works costing beyond Rs. 50 crores, Administrative Approval (AA)/Expenditure Sanction (ES) of projects/schemes will be obtained from the authority as per financial limits stipulated in delegation of financial power of Finance (Accounts) Department, GNCTD Office Memorandum No. DJB/Fin./(F&G)/Infra/Guidelines/2023-24 dated 07.08.2019 as enumerated hereunder:-

A

| Financial Limits | Authority to approve |
|--|---|
| Above Rs 50.00 crore up to Rs. 100.00 crore | Finance Dept., GNCTD |
| Above Rs. 100.00 crore but less than Rs.500.00 crore | Approval of EFC headed by Hon'ble Finance Minister |
| Rs 500.00 crore and above | Approval of Council of Ministers after recommendations of EFC |

6. As regards Projects/Works costing above Rs. 100 crores, there is a detailed procedure for referring the case to the Financial Department for placing it before the EFC. Detailed guidelines for preparation of EFC memo are available on the website of Financial Department on the GNCTD. However, a complete set of document containing the following is circulated for ready reference in order to prepare EFC memos in respect of all the works requiring sanction of EFC/Cabinet of Delhi Government-Government Order dated 12.07.2011 along with its Annexures and Government Circular bearing No. F-PA-DSF(Infra)/Misc./2010-11/DSIV/3037-50 dated 12.07.2011 along with its Annexures various format for preparation of EFC memo.


7. This issues with the approval of competent authority.



Director (F & A)

Copy for kind information to:-

1. Hon'ble Chairperson, DJB.
2. Vice Chairman, DJB.
3. CEO, DJB.
4. Member (Admn.)/Member(Fin.)/Member(WS)/Member(Dr.)
5. All Chief Engineers
6. All Directors/SEs
7. All JE Directors/DDs/EEs. *By Dir (F&A) II*
8. All Sr. AOs/AOs/AAOs
9. EE (EDP):- with request to upload on DJB website please
10. O.O. Register



Director (F&A)