



TAMIL NADU POLLUTION CONTROL BOARD
ADVANCED ENVIRONMENTAL LABORATORY, VELLORE – 632 006
REPORT OF ANALYSIS

ROA NO. 006469-5&6 /AEL - VLR /2018 – 2019 Dt. 19.11.2018

1	Name and address of the sender	The District Environmental Engineer, Tamil Nadu Pollution Control Board, Vellore
2	Date and time of collection	26.10.2018 at 17.30 to 17.35 Hrs.
3	Date and time of receipt at Lab.	27.10.2018 at 10.30 A.M.
4	Condition of seal, fastening and container	Sealed 2.5 Lits PVC container
5	Nature and Number of samples	Two nos. of Sewage samples

DEE Code No.	Lab Code No.	Point of collection	Whether Untreated/ Treated
VLR- 468	1023	STP V Outlet (Hostel E block opp.)	Treated
VLR-469	1024	STP VI Outlet (Hostel E block opp.)	Treated

Sl. No.	Parameters	Unit	Test sample Code No.		Method
			1023	1024	
01	Conductivity at 25 °C	µmhos/cm	2717	3201	APHA 22 nd Ed 2012 2510 B
02	pH at 25°C	Number	7.2	7.4	APHA 22 nd Ed 2012 4500-H ⁺ B
03	TSS at 103°C- at 105°C	mg/l	8	10	APHA 22 nd Ed 2012 2540D
04	Total Dissolved Solids at 180 °C	mg/l	2154	2232	APHA 22 nd Ed 2012 2540 C
05	Chlorides as Cl	mg/l	320	700	APHA 22 nd Ed 2012 4500 – Cl ⁻ B
06	Sulphates as SO ₄ ²⁻	mg/l	159	144	APHA 22 nd Ed 2012 4500.SO ₄ ²⁻ E
07	Oil & Grease	mg/l	<1.0*	<1.0*	APHA 22 nd Ed 2012 5520 D
08	BOD (at 27°C for 3 days)	mg/l	6	5	APHA 22 nd Ed 2012 Reaffirmed 2009
09	COD	mg/l	93	62	APHA 22 nd Ed 2012 5220 B

*Indicates Minimum Detectable Limit.

-End of Test Report-

Checked by

ENVIRO.SCIENTIST.

Verified by

DY.C.S.O

Approved by

Chief Scientific Officer,
Advanced Environmental Laboratory,
Tamil Nadu Pollution Control Board
Vellore.



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ROA NO. 006469-7 & 8 /AEL - VLR /2018 – 2019 Dt. 19.11.2018

1	Name and address of the sender	The District Environmental Engineer, Tamil Nadu Pollution Control Board, Vellore
2	Date and time of collection	26.10.2018 at 17.40 to 17.45 Hrs.
3	Date and time of receipt at Lab.	27.10.2018 at 10.30 A.M.
4	Condition of seal, fastening and container	Sealed 2.5 Lits PVC container
5	Nature and Number of samples	Two nos. of Sewage samples

DEE Code No.	Lab Code No.	Point of collection	Whether Untreated/ Treated
VLR- 470	1025	STP VII Outlet (Hostel E block opp.)	Treated
VLR-471	1026	STP VIII Outlet (MNP block)	Treated

Sl. No.	Parameters	Unit	Test sample Code No.		Method
			1025	1026	
01	Conductivity at 25 °C	µmhos/cm	2454	2325	APHA 22 nd Ed 2012 2510 B
02	pH at 25°C	Number	7.4	7.3	APHA 22 nd Ed 2012 4500-H ⁺ B
03	TSS at 103°C- at 105°C	mg/l	22	20	APHA 22 nd Ed 2012 2540D
04	Total Dissolved Solids at 180 °C	mg/l	1744	1586	APHA 22 nd Ed 2012 2540 C
05	Chlorides as Cl	mg/l	520	430	APHA 22 nd Ed 2012 4500 – Cl ⁻ B
06	Sulphates as SO ₄ ²⁻	mg/l	208	128	APHA 22 nd Ed 2012 4500 SO ₄ ²⁻ E
07	Oil & Grease	mg/l	<1.0*	<1.0*	APHA 22 nd Ed 2012 5520 D
08	BOD (at 27°C for 3 days)	mg/l	11	9	APHA 22 nd Ed 2012 Reaffirmed 2009
09	COD	mg/l	70	47	APHA 22 nd Ed 2012 5220 B

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ADVANCED ENVIRONMENTAL LABORATORY, VELLORE – 632 006
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ROA NO. 006469-1&2 /AEL - VLR/2018 – 2019 Dt. 19.11.2018.

1	Name and address of the sender	The District Environmental Engineer, Tamil Nadu Pollution Control Board, Vellore.
2	Date and time of collection	26.10.2018 at 16.45 To 17.10 Hrs.
3	Date and time of receipt at Lab.	27.10.2018 at 10.30 A.M.
4	Condition of seal, fastening and container	Sealed 2.5 Lits.PVC. container
5	Nature and Number of samples	Two nos. of Sewage samples

DEE Code No.	Lab Code No.	Point of collection	Whether Untreated/ Treated
VLR-464	1019	STP I. Outlet (Homeland)	Treated
VLR-465	1020	STP II.Outlet (Tech Tower)	Treated

Sl. No.	Parameters	Unit	Test sample Code No.		Method
			1019	1020	
01	Conductivity at 25°C	µmhos/cm	3351	3302	APHA 22 nd Ed 2012 2510 B
02	pH at 25°C	Number	7.1	7.2	APHA 22 nd Ed.2012 4500-H ⁺ B
03	TSS at 103°C- at 105°C	mg/l	12	10	APHA 22 nd Ed 2012 2540D
04	Total Dissolved Solids at 180 °C	mg/l	2682	2596	APHA 22 nd Ed 2012 2540 C
05	Chlorides as Cl	mg/l	920	980	APHA 22 nd Ed 2012 4500 – Cl ⁻ B
06	Sulphates as SO ₄ ²⁻	mg/l	188	131	APHA 22 nd Ed 2012 4500 SO ₄ ²⁻ E
07	Oil & Grease	mg/l	<1.0*	<1.0*	APHA 22 nd Ed 2012 5520 D
08	BOD (at 27°C for 3 days)	mg/l	15	7	APHA 22 nd Ed 2012 Reaffirmed 2009
09	COD	mg/l	39	54	APHA 22 nd Ed 2012 5220 B

*Indicates : Minimum Detectable Limited.

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REPORT OF ANALYSIS

ROA NO. 006469-3 &4 /AEL - VLR /2018 – 2019 Dt. 19.11.2018

1	Name and address of the sender	The District Environmental Engineer, Tamil Nadu Pollution Control Board, Vellore
2	Date and time of collection	26.10.2018 at 17.15 to 17.25 Hrs.
3	Date and time of receipt at Lab.	27.10.2018 at 10.30 A.M.
4	Condition of seal, fastening and container	Sealed 2.5 Lits PVC container
5	Nature and Number of samples	Two nos. of Sewage samples

DEE Code No.	Lab Code No.	Point of collection	Whether Untreated/ Treated
VLR- 466	1021	STP III Outlet (Tech Tower)	Treated
VLR-467	1022	STP IV Outlet (Hostel E block opp.)	Treated

Sl. No.	Parameters	Unit	Test sample Code No.		Method
			1021	1022	
01	Conductivity at 25 °C	µmhos/cm	3261	2828	APHA 22 nd Ed 2012.2510 B
02	pH at 25°C	Number	7.3	7.3	APHA 22 nd Ed 2012 4500-H ⁺ B
03	TSS at 103°C- at 105°C	mg/l	14	12	APHA 22 nd Ed 2012 2540D
04	Total Dissolved Solids at 180 °C	mg/l	2612	1904	APHA 22 nd Ed 2012 2540 C
05	Chlorides as Cl	mg/l	860	610	APHA 22 nd Ed 2012 4500 – Cl ⁻ B
06	Sulphates as SO ₄ ²⁻	mg/l	125	153	APHA 22 nd Ed 2012 4500 SO ₄ ²⁻ E
07	Oil & Grease	mg/l	<1.0*	<1.0*	APHA 22 nd Ed 2012 5520 D
08	BOD (at 27°C for 3 days)	mg/l	21	15	APHA 22 nd Ed 2012 Reaffirmed 2009
09	COD	mg/l	47	39	APHA 22 nd Ed 2012 5220 B

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