

**BEFORE THE NATIONAL GREEN TRIBUNAL SOUTHERN ZONE  
AT CHENNAI**

**Appeal No. 77 of 2022**

**M/s.Varalakshmi Starch Industries (P) Ltd.,**  
Rep. by its Managing Director V. Anbalagan  
Having its office at:  
“Varalakshmi Tower”  
No.127/1, 2<sup>nd</sup> floor,  
Gandhi Road,  
Salem - 636007.

...Appellant

**AND**

**Tamil Nadu Pollution Control Board**  
Rep. by its Chairperson  
76, Anna Salai, Guindy Industrial Estate,  
Guindy,  
Chennai – 600032 & Ors.,

...Respondents

**INDEX**

S. No.	Date	Description	Pg. No.
	14.04.2025	Affidavit on behalf of the Appellant	1-5

	27.12.2024	Test report issued vide ROA No. 927/ROA/AEL/SLM/2024-25, Dt. 27.01.2025 (samples taken on 27.12.2024)	Already Filed Dt. 12.02.2025
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**TYPED SET OF DOCUMENTS**

S. No.	Date	Description	Annexures	Pg. No.
1	23.01.2025	<b>Annexure 1</b> - Lr No. DEE / TNPCB / DMP / F.DMP0013/OL/2025 Dt. 23/01/2025	1	6

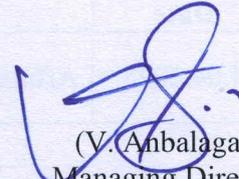
2	12.02.2025	<b>Annexure 2</b> - Lr. No. F.D MP0013/ OL/ DEE / TNPCB/DMP/2024 Dt. 12.02.2025	2	7-13
3	08.04.2025	<b>Annexure 3</b> - Lr. No. F.DMP0013 /OL /DEE / TNPCB/DMP/2024 Dt. 08.04.2025	3	14-20
4	11.04.2025	<b>Annexure 4</b> - Lr. No. F.DMP0013 /OL /DEE / TNPCB/DMP/2024 Dt. 11.04.2025	4	21-27

The documents filled above are certified as true copies of their respective Originals

Dated at Chennai on this the 14<sup>th</sup> day of April, 2025

**Appellant**

For Varalakshmi Starch Industries (P) Ltd.,

  
(V. Anbalagan)  
Managing Director

**BEFORE THE NATIONAL GREEN TRIBUNAL SOUTHERN ZONE  
AT CHENNAI**

**Appeal No. 77 OF 2022**

**M/s. Varalakshmi Starch Industries (P) Ltd.,**

Rep. by its Managing Director V. Anbalagan

Having its office at:

“Varalakshmi Tower”

No.127/1, 2<sup>nd</sup> floor,

Gandhi Road,

Salem - 636007.

....Appellant

**AND**

**Tamil Nadu Pollution Control Board (TNPCB)**

Rep. by its Chairperson

76, Anna Salai, Guindy Industrial Estate,

Guindy,

Chennai – 600032 & Ors.,

...Respondents

**AFFIDAVIT ON BEHALF OF THE APPELLANT**

I, V. Anbalagan, Son of R. Varadharajan, Hindu, aged about 68 years, having office at “Varalakshmi Tower”, 2nd Floor, 127/1 Gandhi Road, Hasthampatty, Salem – 636007, now temporarily come down to Chennai do hereby solemnly affirm and state as under:

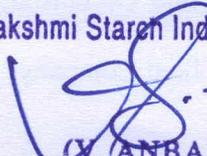
I am the Managing Director of the Appellant herein and as such fully acquainted with the facts and circumstances of the present case. I am filing this affidavit on behalf of the Appellant Company.

For Varalakshmi Starch Industries (P) Ltd

  
**(V. ANBALAGAN)**  
Managing Director

1. It is respectfully submitted that as per the directions of the Hon'ble National Green Tribunal (NGT), Southern Zone in their Order Dt. 16.12.2024, the Respondent TNPCB Dharmapuri intimated vide their letter Dt.23.01.2025 (Letter No. DEE/TNPCB/DMP/F.DMP0013/OL/2025 Dt. 23/01/2025) (**Enclosed in Annexure No. – 1**) that an inspection would be conducted on 29.01.2025 at the appellant's entire plant. Accordingly, the TNPCB officials DEE, AEE and AE have inspected the Appellant unit on 29.01.2025. They collected treated waste water samples from ETP, Piezometric Wells 1, Piezometric Wells 2, Piezometric Wells 3 and Jungle Stream Water. The collected samples were also analysed in TNPCB's own Laboratory. The Report of Analysis of the samples has been provided to the Appellant vide Ref. Lr. No. F.DMP0013/OL/DEE/TNPCB/DMP/2024 Dt. 12.02.2025. The same is **enclosed in Annexure No. – 2**. The parameters of the treated wastewater and piezometric samples and are reported to be within the discharge standards prescribed by the Tamilnadu Pollution Control Board to the Appellant's unit, and also, TNPCB have not reported any complaints and violations against the Appellant's unit till now.
2. It is submitted that again after a month on 20.02.2025, the officials from TNPCB inspected and collected samples from the Clarifier Outlet, Outlet in Green Belt, Piezometric wells - 1, Piezometric wells – 2, Piezometric wells – 3. The samples were tested in their own laboratory. The Report of Analysis of the samples issued has been provided to the Appellant (Ref. Lr. No. F.DMP0013/OL/DEE/TNPCB/DMP/2024 Dt. 08.04.2025) and the same is enclosed in **Annexure No. – 3**. The parameters of the treated wastewater and piezometric samples are reported to be within the discharge standards prescribed by the Tamilnadu Pollution Control Board.

For Varalakshmi Starch Industries (P) Ltd

  
(V. ANBALAGAN)  
Managing Director

3. It is submitted that further on 21.03.2025, the officials from the TNPCB inspected and collected samples from Clarifier Outlet, Outlet in Green Belt, Piezometric wells - 1, Piezometric wells - 2, Piezometric wells - 3 and the samples collected were tested in their own laboratory. The Report of Analysis of all the samples issued has been provided to the Appellant vide Ref. Lr. No. F.DMP0013/OL/DEE/TNPCB/DMP/2024 Dt. 11.04.2025 which is enclosed is **Annexure No. - 4**. The parameters of the treated wastewater and piezometric samples are reported to be within the discharge standards prescribed by the Tamilnadu Pollution Control Board.

4. It is submitted that during the course of hearing held on 16.12.2024, when directions were issued by the Hon'ble NGT for conducting an inspection of the Appellant unit within a week, the Ld. Counsel for the Respondent submitted that they will do an inspection once the monsoon is over and the order was also so issued by the Hon'ble NGT. Accordingly, the Respondent TNPCB issued a prior notice to the Appellant on 23.01.2025 and inspected the Appellant's unit on 29.01.2025. They collected samples, from Clarifier Outlet, Outlet in Green Belt, Piezometric wells - 1, Piezometric wells - 2, Piezometric wells - 3 and got them tested in TNPCB's own laboratory. It is submitted that as per the relevant ROAs issued by TNPCB referred to above, all the parameters of the treated wastewater and piezometric samples are reported to be within the standards prescribed by the Tamilnadu Pollution Control Board. During the subsequent hearing before the Hon'ble NGT on 13.02.2025, the Ld. Counsel for the Respondent had stated the inspection of the Appellant unit has been completed but the report was yet to be filed and sought time for filing the report and at the request of the Ld. Counsel for the Respondent, the matter was posted for further hearing on 15.04.2025. In the meantime, further inspection of the Appellant's unit was also conducted on 20.02.2025 and on 21.03.2025 and samples were collected, all of which were reported to be within the discharge standards prescribed by the Tamilnadu Pollution Control Board.

For Varalakshmi Starch Industries (P) Ltd

(V. ANBALAGAN)  
Managing Director

5. It is submitted that due to the non-availability of valid Consent Order for the Appellant's medium-scale industry, all their international customers and Indian big customers hard earned over the last twenty years have stopped their purchases with long-term delivery schedules with large quantities of Starch.
6. It is submitted that this situation has severely damaged the Appellant's market reputation, supply chain and customer confidence that has caused irreparable loss of money and goodwill in domestic and international market and financial losses not only to our company but also to the farmers in and around Dharmapuri District in selling their tapioca currently at a loss at Rs.4500/- to 5000/- per MT against Rs.10000/- to 11000/- prevailing previously. The rural work force, especially from rural areas have also been adversely affected due to loss of employment. In addition, the Government's revenue and foreign exchange earnings are also lost substantially due to under-operation by the Appellant unit.
7. It is humbly prayed that the Hon'ble National Green Tribunal (NGT) may be pleased to pass orders for causing withdrawal of the closure order and issue directions to the Tamil Nadu Pollution Control Board (TNPCB) to issue renewal Consent Order to the Appellant unit, as we are already in deemed consent renewal as per Section 25(7) of the Water (Prevention and Control of Pollution) Act, 1974, so that we can re-establish the market and continue our operations smoothly.
8. It is humbly prayed that whatever conditions TNPCB is going to impose on the Appellant factory—General Conditions, Additional Conditions and Special Conditions, the same be uniformly imposed on all the similar medium scale units such as M/s. Shri Varalakshmi Sago Foods Private Limited, No. 3 Komarapalayam, Namakkal,

**For Varalakshmi Starch Industries (P) Ltd**

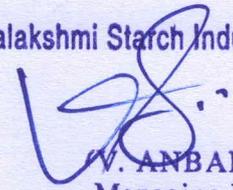
  
**(V. ANBALAGAN)**  
Managing Director

generating waste water - 540 KLD and M/s. SPAC Starch products (India) Limited, Poonachi, Perundurai, Erode, generating waste water - 840 KLD and another 200 sago and starch industries all generating 150 to 250 KLD waste water in Tamil Nadu using raw material tapioca and maize. The effluent water treatment is one of the big expenditures for matching surface water discharge standards which impacts the cost of product among the sago and starch industries in this sector. It is humbly prayed that uniform conditions for all units be caused to be ensured so that a level playing ground would prevail, as the Appellant unit is currently facing difficulties and being adversely affected due to non-uniform cost of product for this unit on account waste water treatment when compared with other manufacturer in Tamil Nadu.

9. It is humbly prayed that the Hon'ble Tribunal may be pleased to direct that in the event of any future issues pertaining to the appellant factory, the Tamil Nadu Pollution Control Board (TNPCB) before taking any dire adverse steps may follow the due process of law as laid down under the applicable Acts and Rulings. Specifically, TNPCB should be directed to first issue a notice, followed by a show cause notice clearly outlining the issues. Thereafter, a reasonable opportunity for personal hearing should be granted to the unit before taking any final decision or initiating any coercive action by way of following the principles of natural justice.

10. Therefore, it is humbly prayed that this Hon'ble National Green Tribunal (NGT) may be pleased to pass such further order or other orders as this Hon'ble Tribunal may deem fit and proper in the facts and circumstance of this case and thus render justice.

For Varalakshmi Starch Industries (P) Ltd

  
(V. ANBALAGAN)  
Managing Director

**FORM IV**  
**TamilNadu Pollution Control Board**  
**NOTICE OF INSPECTION**  
(See rule 27 (2) of the Tamil Nadu Water  
(Prevention and Control of Pollution) Rules, 1983)

**Letter No.DEE/TNPCB/DMP/F. DMP0013/OL/2025 Dated: 23.01.2025**

To

The Managing Director  
M/s. Varalakshmi Starch Industries Pvt. Ltd,  
Pappireddipatti Village & Alamelupuram Village,  
Pappireddipatti Taluk, Dharmapuri District.

Take notice that for the purpose of enquiry under section 25/26 of the Water (Prevention and Control Pollution) Act, 1974, (Central Act 6 of 1974) the following officers of the Board namely: -

- (i) Thiru.K.Udayakumar, DEE,
- (ii) Thiru.P.Krishnan, AEE,

and the person authorized by the Board to assist them shall inspect the

- (a) Water works - Raw water usage
- (b) Sewage Works - treatment of sewage generated from the unit
- (c) Waste Treatment Plant - Trade effluent generation, treatment & disposal
- (d) Factory involved for their manufacturing activity
- (e) Disposal system
- (f) Any other parts there of or pertaining there to under your management /control on date(s) 29.01.2025 between 10.30 AM - 2.00 PM. When all facilities requested by them for such inspection should be made available to them on the site. Take notice that refusal or denial to the above stated demand shall amount to obstruction punishable under section 42 of the said Act.

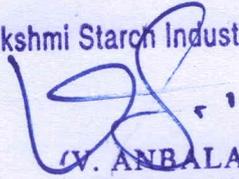
  
District Environmental Engineer  
Tamil Nadu Pollution Control Board  
Dharmapuri

P. h  
23/01/25

Copy submitted to: -

1. The Member Secretary, TNPCB, Mount Salai, Guindy, Chennai for kind information please.
2. The JCEE (M), TNPCB, Salem Zone, Salem for kind information please

For Varalakshmi Starch Industries (P) Ltd

  
(V. ANBALAGAN)  
Managing Director



**TAMIL NADU POLLUTION CONTROL BOARD**

From

Er.K.Udayakumar B.E., M.Tech.,  
District Environmental Engineer  
Tamil Nadu Pollution Control Board  
Adiyamankottai-Hosurbyepass Road,  
A.Reddihalli Village,  
Dharmapuri -636 809

To

The Managing Director  
M/s. Varalakshmi Starch Industries Ltd  
Bommidi Road-Pappireddipatti  
Pappireddipatti Tk  
Dharmapuri Dt - 636 905

**Lr. No. : F.DMP0013/OL/DEE/TNPCB/ DMP/2024**      **Date: 12.02.2025**

Sir,

Sub: TNPC Board – Industries – Analysis of Samples – Report of  
Analysis communicated –analysis fees to be remitted - Reg.

Ref: Samples collected from your unit on 29.01.2025

\*\*\*\*\*

The Report of Analysis of the samples collected from your unit on 29.01.2025 is enclosed herewith.

Sl.No	Date of Sample Collection	Code No of Sample
1.	29.01.2025	DEEDMP-240272 to 240279

The unit is requested to remit the analytical charges for the samples collected and analysed as detailed below.

Sl.No	Date of collection	No. of samples	Rate (Rs)	Analytical charges to be paid (Rs)
1	29.01.2025	8	81,220/-	81,220/-
Total				81,220/-

The above amount of Rs. 81,220/- may be remitted to this office through a Demand Draft drawn in favour of "District Environmental Engineer, Tamil Nadu Pollution Control Board" payable at Dharmapuri within 7 days from the date of receipt of this letter. The receipt of this letter may be acknowledged

*B. Lavanya*  
District Environmental Engineer,  
Tamil Nadu Pollution Control Board,  
Dharmapuri.

For Varalakshmi Starch Industries (P) Ltd

*(V. ANBALAGAN)*  
Managing Director

8



**ADVANCED ENVIRONMENTAL LABORATORY,  
TAMILNADU POLLUTION CONTROL BOARD,  
SALEM – 636 004.**

**ROA No. 1014 /TNPCB/AEL – SLM/2024– 25, Dated: 05.02.2025**

1.	Name and address of the sender	The District Environmental Engineer, Tamil Nadu Pollution Control Board, Dharmapuri.
2.	Date and time of collection	29.01.2025 at 10:30 AM and 10:55 AM
3.	Date and time of receipt at Lab.	29.01.2025 at 03:25 PM
4.	Condition of seal, fastening and Container	Sealed/Unfastened Condition in Polythene carbuoy 2.5 lits X 2 Nos.
5.	Nature and Number of samples	2 Nos. of Trade effluent Samples.
6.	Date of Analysis	29.01.2025 - 05.02.2025

DEE Code No.	Lab Code No.	Point of Collection	Whether Untreated/ Treated
DEEDMP-240274	2971	Clarifier Outlet	-
DEEDMP-240275	2972	Outlet in Greenbelt	-

**TEST REPORT**

Sl. No.	Parameters	Unit	Test sample code Nos.		Test Method
			DEEDMP-240274/2971	DEEDMP-240275/2972	
1.	pH at 25°C	Number	7.55	7.63	APHA 23 <sup>rd</sup> Edn 2017 (4500 H+)
2.	Total Suspended Solids at 103°C – at 105°C	mg/l	64	48	APHA 23 <sup>rd</sup> Edn 2017 (2540 -D)
3.	Total Dissolved Solids at 180°C	mg/l	1748	1725	APHA 23 <sup>rd</sup> Edn.2017 (2540 C)
4.	Chloride as Cl	mg/l	450	420	APHA 23 <sup>rd</sup> Edn.2017 (4500 Cl B)
5.	Sulphates as SO <sub>4</sub>	mg/l	47	50	APHA 23 <sup>rd</sup> Edn.2017 (4500 SO <sub>4</sub> -E)
6.	BOD (at 27°C for 3 days)	mg/l	26	20	IS 3025 (Part-44)
7.	COD	mg/l	192	176	APHA 23 <sup>rd</sup> Edn 2017 (5220 B)
8.	Ammonical Nitrogen as NH <sub>3</sub> -N	mg/l	1.72	1.68	APHA 23 <sup>rd</sup> Edn. 2017 (4500 - NH <sub>3</sub> C)
9.	Total Kjeldahl Nitrogen	mg/l	2.12	2.12	APHA 23 <sup>rd</sup> Edn. 2017 (4500 -N <sub>org</sub> B)
10.	Nitrate Nitrogen	mg/l	4.703	3.870	APHA 23 <sup>rd</sup> Edn. 2017 (4500 NO <sub>3</sub> B)

Page No.1 of 2

For Varalakshmi Staron Industries (P) Ltd

8

  
**(V. ANBALAGAN)**  
Managing Director

9

Sl. No.	Parameters	Unit	Test sample code Nos.		Test Method
			DEEDMP-240274/ 2971	DEEDMP-240275/ 2972	
11.	Total Hardness as CaCO <sub>3</sub>	mg/l	590	570	APHA 23 <sup>rd</sup> Edn. 2017 (2340 C)
12.	Calcium as Ca	mg/l	68	76	APHA 23 <sup>rd</sup> Edn. 2017 (3500 B)
13.	Magnesium as Mg	mg/l	102	92	APHA 23 <sup>rd</sup> Edn. 2017 (2340 C)
14.	Alkalinity as CaCO <sub>3</sub>	mg/l	42	48	APHA 23 <sup>rd</sup> Edn. 2017 (2320 B)
15.	Cyanide	mg/l	0.009	0.035	APHA 23 <sup>rd</sup> Edn. 2017 (4500 CN E)

Note: < = Indicates Less than Minimum Detectable Limit.

Checked by

*[Signature]*  
05/02/25

Environmental Scientist

Authorized Signatory

*[Signature]*  
05/02/25  
Assistant Director (Lab),  
AEL, TNPCB, Salem.

- End of Test Report -

Page No.2 of 2

9

10



**ADVANCED ENVIRONMENTAL LABORATORY,  
TAMILNADU POLLUTION CONTROL BOARD,  
SALEM – 636 004.**

**ROA No. 1014 /TNPCB/AEL/SLM/2024– 25, Dated: 05.02.2025**

1.	Name and address of the sender	The District Environmental Engineer, Tamil Nadu Pollution Control Board, Dharmapuri.
2.	Date and time of collection	29.01.2025 at 11:00 AM and 11:15 AM
3.	Date and time of receipt at Lab.	29.01.2025 at 03:25 PM
4.	Condition of seal, fastening and Container	Sealed/Unfastened Condition in Polythene carbuoy 2.5 lits X 2 Nos.
5.	Nature and Number of samples	2 Nos. of Piezometric well water Samples.
6.	Date of Analysis	29.01.2025 - 05.02.2025

DEE Code No.	Lab Code No.	Point of Collection	Whether Untreated/ Treated
DEEDMP-240276	2973	Piezometric Well - 1 (Lat : 11.897428, Long : 78.377275)	-
DEEDMP-240277	2974	Piezometric Well - 2 (Lat : 11.898611, Long : 78.378193)	-

**TEST REPORT**

Sl. No	Parameters	Unit	Test sample code Nos.		Test Method
			DEEDMP-240276/ 2973	DEEDMP-240277/ 2974	
1	Colour	Hazen	<5	<5	APHA 23 <sup>rd</sup> Edn 2017 (2130 B)
2	Turbidity	NTU	<1	<1	APHA 23 <sup>rd</sup> Edn 2017 (2120 B)
3	pH at 25°C	Number	7.10	7.18	APHA 23 <sup>rd</sup> Edn 2017 (4500 H+)
4	Total Dissolved Solids at 180°C	mg/l	1468	1348	APHA 23 <sup>rd</sup> Edn.2017 (2540 C)
5	Chloride as Cl	mg/l	390	320	APHA 23 <sup>rd</sup> Edn.2017 (4500 ClB)
6	Sulphates as SO <sub>4</sub>	mg/l	109	93	APHA 23 <sup>rd</sup> Edn.2017 (4500 SO <sub>4</sub> -E)
7	Ph.Compounds	mg/l	<0.01	<0.01	APHA 23 <sup>rd</sup> Edn.2017 (5530 C)
8	Nitrate Nitrogen NO <sub>3</sub>	mg/l	2.065	1.341	APHA 23 <sup>rd</sup> Edn.(4500 - NO <sub>3</sub> -B)
9	Sulphide	mg/l	<1	<1	APHA 23 <sup>rd</sup> Edn.2017 (4500 S <sup>2</sup> F)
10	Total Hardness as CaCO <sub>3</sub>	mg/l	530	560	APHA 23 <sup>rd</sup> Edn.2017 (2340 C)

Page No.1 of 2

**For Varalakshmi Starch Industries (P) Ltd**

10

**(V. ANBALAGAN)**  
Managing Director

11

Sl. No	Parameters	Unit	Test sample code Nos.		Test Method
			DEEDMP-240276/2973	DEEDMP-240277/2974	
11	Calcium as Ca	mg/l	100	108	APHA 23 <sup>rd</sup> Edn.2017 (3500 Ca B)
12	Magnesium as Mg	mg/l	68	70	APHA 23 <sup>rd</sup> Edn. 2017 (3500 Mg)
13	Fluoride as F	mg/l	0.939	0.861	APHA 23 <sup>rd</sup> Edn. 2017 (4500 F-D)
14	Alkalinity as CaCO <sub>3</sub>	mg/l	76	72	APHA 23 <sup>rd</sup> Edn. 2017 (2320 B)
15	Iron Total as Fe	mg/l	<0.05	<0.05	APHA 23 <sup>rd</sup> Edn. 2017 (3500 Fe B)
16	Total Ammonia	mg/l	<0.5	<0.5	Distillation, Titration and Calculation Method
17	Boron	mg/l	<0.002	<0.002	APHA 23 <sup>rd</sup> Edn. 2017 (4500- B C)
18	Total Residual Chlorine	mg/l	<1	<1	APHA 23 <sup>rd</sup> Edn. 2017 (4500- Cl B)
19	Copper	mg/l	<0.03	<0.03	APHA 23 <sup>rd</sup> Edn. 2017 (3111-B)
20	Zinc	mg/l	<0.01	<0.01	APHA 23 <sup>rd</sup> Edn. 2017 (3111-B)
21	Manganese	mg/l	<0.02	<0.02	APHA 23 <sup>rd</sup> Edn. 2017 (3550-Mn)

Note: < = Indicates Less than Minimum Detectable Limit.

Checked by

*[Signature]*  
05/07/20

Environmental Scientist

Authorized Signatory

*[Signature]*  
05/02/28

Assistant Director (Lab),  
AEL, TNPCB, Salem.

- End of Test Report -

Page No.2 of 2

11

123



**ADVANCED ENVIRONMENTAL LABORATORY,  
TAMILNADU POLLUTION CONTROL BOARD,  
SALEM - 636 004.**

**ROA No. 1014 /TNPCB/AEL/SLM/2024- 25, Dated: 05.02.2025**

1.	Name and address of the sender	The District Environmental Engineer, Tamil Nadu Pollution Control Board, Dharmapuri.
2.	Date and time of collection	29.01.2025 at 11:10 AM and 11:25 AM
3.	Date and time of receipt at Lab.	29.01.2025 at 03:25 PM
4.	Condition of seal, fastening and Container	Sealed/Unfastened Condition in Polythene carbuoy 2.5 lits X 2 Nos.
5.	Nature and Number of samples	1 No. of Piezometric well water Sample and 1 No. of River Water Sample
6.	Date of Analysis	29.01.2025 - 05.02.2025

DEE Code No.	Lab Code No.	Point of Collection	Whether Untreated/ Treated
DEEDMP-240278	2975	Piezometric Well - 3 (Lat : 11.899602, Long : 78.377812)	-
DEEDMP-240279	2976	Peeniyaru River (Lat : 11.898478, Long : 78.379767)	-

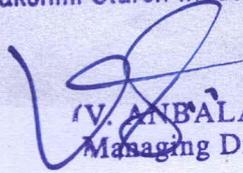
**TEST REPORT**

Sl. No	Parameters	Unit	Test sample code Nos.		Test Method
			DEEDMP-240278/ 2975	DEEDMP-240279/ 2976	
1	Colour	Hazen	<5	<5	APHA 23 <sup>rd</sup> Edn 2017 (2130 B)
2	Turbidity	NTU	<1	<1	APHA 23 <sup>rd</sup> Edn 2017 (2120 B)
3	pH at 25°C	Number	7.58	7.93	APHA 23 <sup>rd</sup> Edn 2017 (4500 H+)
4	Total Dissolved Solids at 180°C	mg/l	1236	1080	APHA 23 <sup>rd</sup> Edn.2017 (2540 C)
5	Chloride as Cl	mg/l	280	235	APHA 23 <sup>rd</sup> Edn.2017 (4500 ClB)
6	Sulphates as SO <sub>4</sub>	mg/l	130	150	APHA 23 <sup>rd</sup> Edn.2017 (4500 SO4-E)
7	Ph.Compounds	mg/l	<0.01	<0.01	APHA 23 <sup>rd</sup> Edn.2017 (5530 C)
8	Nitrate Nitrogen NO <sub>3</sub>	mg/l	13.968	1.405	APHA 23 <sup>rd</sup> Edn.(4500 - NO <sub>3</sub> -B)
9	Sulphide	mg/l	<1	<1	APHA 23 <sup>rd</sup> Edn.2017 (4500 S <sup>2</sup> F)
10	Total Hardness as CaCO <sub>3</sub>	mg/l	620	520	APHA 23 <sup>rd</sup> Edn.2017 (2340 C)

Page No.1 of 2

**For Varalakshmi Starch Industries (P) Ltd**

12

  
**(V. ANBALAGAN)**  
 Managing Director

13

Sl. No	Parameters	Unit	Test sample code Nos.		Test Method
			DEEDMP-240278/2975	DEEDMP-240279/2976	
11	Calcium as Ca	mg/l	120	100	APHA 23 <sup>rd</sup> Edn.2017 (3500 Ca B)
12	Magnesium as Mg	mg/l	78	66	APHA 23 <sup>rd</sup> Edn. 2017 (3500 Mg)
13	Fluoride as F	mg/l	0.917	0.905	APHA 23 <sup>rd</sup> Edn. 2017 (4500 F-D)
14	Alkalinity as CaCO <sub>3</sub>	mg/l	72	56	APHA 23 <sup>rd</sup> Edn. 2017 (2320 B)
15	Iron Total as Fe	mg/l	<0.05	<0.05	APHA 23 <sup>rd</sup> Edn. 2017 (3500 Fe B)
16	Total Ammonia	mg/l	<0.5	<0.5	Distillation, Titration and Calculation Method
17	Boron	mg/l	<0.002	<0.002	APHA 23 <sup>rd</sup> Edn. 2017 (4500- B C)
18	Total Residual Chlorine	mg/l	<1	<1	APHA 23 <sup>rd</sup> Edn. 2017 (4500- Cl B)
19	Copper	mg/l	<0.03	<0.03	APHA 23 <sup>rd</sup> Edn. 2017 (3111-B)
20	Zinc	mg/l	<0.01	<0.01	APHA 23 <sup>rd</sup> Edn. 2017 (3111-B)
21	Manganese	mg/l	<0.02	<0.02	APHA 23 <sup>rd</sup> Edn. 2017 (3550-Mn)

Note: < = Indicates Less than Minimum Detectable Limit.

Checked by

*[Signature]*  
05/02/24

Environmental Scientist

Authorized Signatory

*[Signature]*  
05/02/24

Assistant Director (Lab),  
AEL, TNPCB, Salem.

- End of Test Report -

Page No.2 of 2

13



**TAMIL NADU POLLUTION CONTROL BOARD**

From

Er.K .Udayakumar B.E., M.Tech.,  
District Environmental Engineer  
Tamil Nadu Pollution Control Board  
Adiyamankottai-Hosurbyepass Road,  
A.Reddihalli Village,  
Dharmapuri -636 809

To

The Managing Director  
M/s. Varalakshmi Starch Industries Ltd  
Bommidi Road-Pappireddipatti  
Pappireddipatti Tk  
Dharmapuri Dt - 636 905

**Lr. No. : F.DMP0013/OL/DEE/TNPCB/ DMP/2024 Date: 08.04.2025**

Sir,

Sub: TNPC Board – Industries – Analysis of Samples – Report of  
Analysis communicated –analysis fees to be remitted - Reg.

Ref: Samples collected from your unit on 20.02.2025

\*\*\*\*\*

The Report of Analysis of the samples collected from your unit on 20.02.2025 is enclosed herewith.

Sl.No	Date of Sample Collection	Code No of Sample
1.	20.02.2025	DEEDMP-240312 to 240318

The unit is requested to remit the analytical charges for the samples collected and analysed as detailed below.

Sl.No	Date of collection	No.of samples	Rate (Rs)	Analytical charges to be paid (Rs)
1	20.02.2025	7	70,140/-	70,140/-
Total				70,140/-

The above amount of Rs. 70,140/- may be remitted to this office through a Demand Draft drawn in favour of "District Environmental Engineer, Tamil Nadu Pollution Control Board" payable at Dharmapuri within 7 days from the date of receipt of this letter. The receipt of this letter may be acknowledged

District Environmental Engineer,  
Tamil Nadu Pollution Control Board,  
Dharmapuri.

For Varalakshmi Starch Industries (P) Ltd

N. ANBALAGAN  
Managing Director

15



**ADVANCED ENVIRONMENTAL LABORATORY,  
TAMILNADU POLLUTION CONTROL BOARD,  
SALEM - 636 004.**

**ROA No. 1116 /TNPCB/AEL - SLM/2024- 25, Dated: 24.03.2025**

1.	Name and address of the sender	The District Environmental Engineer, Tamil Nadu Pollution Control Board, Dharmapuri.
2.	Date and time of collection	20.02.2025 at 01:30 PM and 01:40 PM
3.	Date and time of receipt at Lab.	20.02.2025 at 05:40 PM
4.	Condition of seal, fastening and Container	Sealed/Unfastened Condition in Polythene carbuoy 2.5 lits X 2 Nos.
5.	Nature and Number of samples	2 Nos. of Trade effluent Samples.
6.	Date of Analysis	20.02.2025 - 24.03.2025

DEE Code No.	Lab Code No.	Point of Collection	Whether Untreated/ Treated
DEEDMP 240314	3221	Clarifier Outlet	-
DEEDMP 240315	3222	Outlet in Greenbelt	-

**TEST REPORT**

Sl. No.	Parameters	Unit	Test sample code Nos.		Test Method
			DEEDMP 240314/ 3221	DEEDMP 240315/ 3222	
1.	pH at 25°C	Number	8.01	8.10	APHA 23 <sup>rd</sup> Edn 2017 (4500 H+)
2.	Total Suspended Solids at 103°C - at 105°C	mg/l	60	44	APHA 23 <sup>rd</sup> Edn 2017 (2540 -D)
3.	Total Dissolved Solids at 180°C	mg/l	1820	1884	APHA 23 <sup>rd</sup> Edn.2017 (2540 C)
4.	Chloride as Cl	mg/l	305	325	APHA 23 <sup>rd</sup> Edn.2017 (4500 Cl B)
5.	Sulphates as SO <sub>4</sub>	mg/l	68	30	APHA 23 <sup>rd</sup> Edn.2017 (4500 SO <sub>4</sub> -E)
6.	BOD (at 27°C for 3 days)	mg/l	24	22	IS 3025 (Part-44)
7.	COD	mg/l	176	168	APHA 23 <sup>rd</sup> Edn 2017 (5220 B)
8.	Ammonical Nitrogen as NH <sub>3</sub> -N	mg/l	1.68	1.68	APHA 23 <sup>rd</sup> Edn. 2017 (4500 - NH <sub>3</sub> C)
9.	Total Kjeldahl Nitrogen	mg/l	2.80	2.80	APHA 23 <sup>rd</sup> Edn. 2017 (4500 -N <sub>org</sub> B)
10.	Nitrate Nitrogen as NO <sub>3</sub>	mg/l	3.878	3.167	APHA 23 <sup>rd</sup> Edn. 2017 (4500 -NO <sub>3</sub> B)

For Varalakshmi Staron Industries (P) Ltd

15

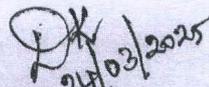
*(Signature)*  
**(V. ANBALAGAN)**  
Managing Director

16

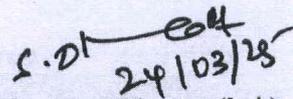
Sl. No.	Parameters	Unit	Test sample code Nos.		Test Method
			DEEDMP 240314/3221	DEEDMP 240315/3222	
11	Total Hardness as CaCO <sub>3</sub>	mg/l	550	410	APHA 23 <sup>rd</sup> Edn. 2017 (2340 C)
12	Calcium as Ca	mg/l	44	56	APHA 23 <sup>rd</sup> Edn. 2017 (3500 B)
13	Magnesium as Mg	mg/l	61	66	APHA 23 <sup>rd</sup> Edn. 2017 (2340 C)
14	Alkalinity as CaCO <sub>3</sub>	mg/l	40	56	APHA 23 <sup>rd</sup> Edn. 2017 (2320 B)
15	Cyanide	mg/l	0.007	<0.008	APHA 23 <sup>rd</sup> Edn. 2017 (4500 CN E)

Note: < = Indicates Less than Minimum Detectable Limit.

Checked by

  
24/03/2025  
Environmental Scientist

Authorized Signatory

  
S.D. 24/03/25  
Assistant Director (Lab),  
AEL, TNPCB, Salem.

- End of Test Report -

Page No.2 of 2

17



**ADVANCED ENVIRONMENTAL LABORATORY,  
TAMILNADU POLLUTION CONTROL BOARD,  
SALEM - 636 004.**

**ROA No. 1116 /TNPCCB/AEL/SLM/2024- 25, Dated: 24.03.2025**

1.	Name and address of the sender	The District Environmental Engineer, Tamil Nadu Pollution Control Board, Dharmapuri.
2.	Date and time of collection	20.02.2025 at 01:50 PM and 02:00 PM
3.	Date and time of receipt at Lab.	20.02.2025 at 05:40 PM
4.	Condition of seal, fastening and Container	Sealed/Unfastened Condition in Polythene carbuoy 2.5 lits X 2 Nos.
5.	Nature and Number of samples	2 Nos. of Piezometric well water Samples.
6.	Date of Analysis	20.02.2025 - 24.03.2025

DEE Code No.	Lab Code No.	Point of Collection	Whether Untreated/ Treated
DEEDMP 240316	3223	Piezometric Well - 1 (Lat : 11.897428, Long : 78.377275)	-
DEEDMP 240317	3224	Piezometric Well - 2 (Lat : 11.898611, Long : 78.378193)	-

**TEST REPORT**

Sl. No	Parameters	Unit	Test sample code Nos.		Test Method
			DEEDMP 240316/ 3223	DEEDMP 240317/ 3224	
1	Colour	Hazen	<5	<5	APHA 23 <sup>rd</sup> Edn 2017 (2130 B)
2	Turbidity	NTU	<1	<1	APHA 23 <sup>rd</sup> Edn 2017 (2120 B)
3	pH at 25°C	Number	7.19	7.20	APHA 23 <sup>rd</sup> Edn 2017 (4500 H+)
4	Total Dissolved Solids at 180°C	mg/l	1464	1244	APHA 23 <sup>rd</sup> Edn.2017 (2540 C)
5	Chloride as Cl	mg/l	405	335	APHA 23 <sup>rd</sup> Edn.2017 (4500 Cl B)
6	Sulphates as SO <sub>4</sub>	mg/l	99	147	APHA 23 <sup>rd</sup> Edn.2017 (4500 SO <sub>4</sub> -E)
7	Ph.Compounds	mg/l	<0.01	<0.01	APHA 23 <sup>rd</sup> Edn.2017 (5530 C)
8	Ammonical Nitrogen as NH <sub>3</sub> N	mg/l	0.56	0.56	APHA 23 <sup>rd</sup> Edn.(4500 - NH3)
9	Nitrate Nitrogen NO <sub>3</sub>	mg/l	1.178	1.150	APHA 23 <sup>rd</sup> Edn.(4500 - NO <sub>3</sub> -B)
10	Sulphide	mg/l	<1	<1	APHA 23 <sup>rd</sup> Edn.(4500 - S <sup>2-</sup> -F)
11	Total Hardness as CaCO <sub>3</sub>	mg/l	500	500	APHA 23 <sup>rd</sup> Edn.2017 (2340 C)
12	Calcium as Ca	mg/l	92	96	APHA 23 <sup>rd</sup> Edn.2017 (3500 Ca B)

**For Varalakshmi Starch Industries (P) Ltd**

17

**(V. ANBALAGAN)**  
Managing Director

18

Sl. No	Parameters	Unit	Test sample code Nos.		Test Method
			DEEDMP 240316/3223	DEEDMP 240317/3224	
13	Magnesium as Mg	mg/l	75	63	APHA 23 <sup>rd</sup> Edn. 2017 (3500 Mg)
14	Fluoride as F	mg/l	0.794	0.927	APHA 23 <sup>rd</sup> Edn. 2017 (4500 F-D)
15	Alkalinity as CaCO <sub>3</sub>	mg/l	76	72	APHA 23 <sup>rd</sup> Edn. 2017 (2320 B)
16	Iron Total as Fe	mg/l	<0.05	<0.05	APHA 23 <sup>rd</sup> Edn. 2017 (3500 Fe B)
17	Boron	mg/l	<0.002	<0.002	APHA 23 <sup>rd</sup> Edn. 2017 (4500- B C)
18	Total Residual Chlorine	mg/l	<1	<1	APHA 23 <sup>rd</sup> Edn. 2017 (4500- Cl B)
19	Copper	mg/l	<0.03	<0.03	APHA 23 <sup>rd</sup> Edn. 2017 (3111-B)
20	Zinc	mg/l	<0.01	<0.01	APHA 23 <sup>rd</sup> Edn. 2017 (3111-B)
21	Manganese	mg/l	<0.02	<0.02	APHA 23 <sup>rd</sup> Edn. 2017 (3550-Mn)

Note: < = Indicates Less than Minimum Detectable Limit.

Checked by

*[Signature]*  
24/03/2025  
Environmental scientist

Authorized Signatory

*[Signature]*  
24/03/25  
Assistant Director (Lab),  
AEL, TNPCB, Salem.

- End of Test Report -

19



**ADVANCED ENVIRONMENTAL LABORATORY,  
TAMILNADU POLLUTION CONTROL BOARD,  
SALEM – 636 004.**

**ROA No. 1116 /TNPCCB/AEL/SLM/2024– 25, Dated: 24.03.2025**

1.	Name and address of the sender	The District Environmental Engineer, Tamil Nadu Pollution Control Board, Dharmapuri.
2.	Date and time of collection	20.02.2025 at 02:10 PM
3.	Date and time of receipt at Lab.	20.02.2025 at 05:40 PM
4.	Condition of seal, fastening and Container	Sealed/Unfastened Condition in Polythene carbuoy 2.5 lits X 1 No.
5.	Nature and Number of samples	1 No. of Piezometric well water Sample.
6.	Date of Analysis	20.02.2025 - 24.03.2025

DEE Code No.	Lab Code No.	Point of Collection	Whether Untreated/ Treated
DEEDMP 240318	3225	Piezometric Well - 3 (Lat : 11.899602, Long : 78.377812)	-

**TEST REPORT**

Sl. No	Parameters	Unit	Test sample code Nos.	Test Method
			DEEDMP 240318/ 3225	
1	Colour	Hazen	<5	APHA 23 <sup>rd</sup> Edn 2017 (2130 B)
2	Turbidity	NTU	<1	APHA 23 <sup>rd</sup> Edn 2017 (2120 B)
3	pH at 25°C	Number	7.08	APHA 23 <sup>rd</sup> Edn 2017 (4500 H+)
4	Total Dissolved Solids at 180°C	mg/l	1312	APHA 23 <sup>rd</sup> Edn.2017 (2540 C)
5	Chloride as Cl	mg/l	365	APHA 23 <sup>rd</sup> Edn.2017 (4500 ClB)
6	Sulphates as SO <sub>4</sub>	mg/l	82	APHA 23 <sup>rd</sup> Edn.2017 (4500 SO <sub>4</sub> -E)
7	Ph.Compounds	mg/l	<0.01	APHA 23 <sup>rd</sup> Edn.2017 (5530 C)
8	Ammonical Nitrogen as NH <sub>3</sub> N	mg/l	0.56	APHA 23 <sup>rd</sup> Edn.(4500 - NH <sub>3</sub> )
9	Nitrate Nitrogen NO <sub>3</sub>	mg/l	1.110	APHA 23 <sup>rd</sup> Edn.(4500 - NO <sub>3</sub> -B)
10	Sulphide	mg/l	<1	APHA 23 <sup>rd</sup> Edn.(4500 – S <sup>2</sup> -F)
11	Total Hardness as CaCO <sub>3</sub>	mg/l	540	APHA 23 <sup>rd</sup> Edn.2017 (2340 C)
12	Calcium as Ca	mg/l	88	APHA 23 <sup>rd</sup> Edn.2017 (3500 Ca B)

For Varalakshmi Starch Industries (P) Ltd

*(Signature)*  
**(V. ANBALAGAN)**  
Managing Director

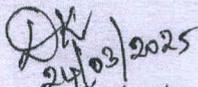
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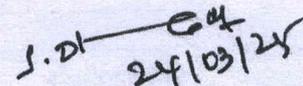
Sl. No	Parameters	Unit	Test sample code Nos.	Test Method
			DEEDMP 240318/ 3225	
13	Magnesium as Mg	mg/l	60	APHA 23 <sup>rd</sup> Edn. 2017 (3500 Mg)
14	Fluoride as F	mg/l	1.172	APHA 23 <sup>rd</sup> Edn. 2017 (4500 F-D)
15	Alkalinity as CaCO <sub>3</sub>	mg/l	68	APHA 23 <sup>rd</sup> Edn. 2017 (2320 B)
16	Iron Total as Fe	mg/l	<0.05	APHA 23 <sup>rd</sup> Edn. 2017 (3500 Fe B)
17	Boron	mg/l	<0.002	APHA 23 <sup>rd</sup> Edn. 2017 (4500- B C)
18	Total Residual Chlorine	mg/l	<1	APHA 23 <sup>rd</sup> Edn. 2017 (4500- Cl B)
19	Copper	mg/l	<0.03	APHA 23 <sup>rd</sup> Edn. 2017 (3111-B)
20	Zinc	mg/l	<0.01	APHA 23 <sup>rd</sup> Edn. 2017 (3111-B)
21	Manganese	mg/l	<0.02	APHA 23 <sup>rd</sup> Edn. 2017 (3550-Mn)

Note: < = Indicates Less than Minimum Detectable Limit.

Checked by

  
24/03/2025  
Environmental scientist

Authorized Signatory

  
24/03/24  
Assistant Director (Lab).  
AEL, TNPCB, Salem.

- End of Test Report -



**TAMIL NADU POLLUTION CONTROL BOARD**

From

Er. K. Udayakumar B.E., M.Tech.,  
District Environmental Engineer  
Tamil Nadu Pollution Control Board  
Adiyamankottai-Hosurbyepass Road,  
A.Reddihalli Village,  
Dharmapuri -636 809

To

The Managing Director  
M/s. Varalakshmi Starch Industries Ltd  
Bommidi Road-Pappireddipatti  
Pappireddipatti Tk  
Dharmapuri Dt - 636 905

**Lr. No. : F.DMP0013/OL/DEE/TNPCB/ DMP/2024      Date: 11.04.2025**

Sir,

Sub: TNPC Board – Industries – Analysis of Samples – Report of  
Analysis communicated –analysis fees to be remitted - Reg.

Ref: Samples collected from your unit on 21.03.2025

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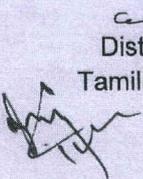
The Report of Analysis of the samples collected from your unit on 21.03.2025 is enclosed herewith.

Sl.No	Date of Sample Collection	Code No of Sample
1.	21.03.2025	DEEDMP-240357 to 240364

The unit is requested to remit the analytical charges for the samples collected and analysed as detailed below.

Sl.No	Date of collection	No.of samples	Rate (Rs)	Analytical charges to be paid (Rs)
1	21.03.2025	8	83,740/-	83,740/-
Total				83,740/-

The above amount of **Rs. 83,740/-** may be remitted to this office through a Demand Draft drawn in favour of "**District Environmental Engineer, Tamil Nadu Pollution Control Board**" payable at Dharmapuri within 7 days from the date of receipt of this letter. The receipt of this letter may be acknowledged

  
 District Environmental Engineer,  
Tamil Nadu Pollution Control Board,  
Dharmapuri.

For Varalakshmi Starch Industries (P) Ltd

  
**(V. ANBALAGAN)**  
 Managing Director

22



**ADVANCED ENVIRONMENTAL LABORATORY,  
TAMILNADU POLLUTION CONTROL BOARD,  
SALEM – 636 004.**

**ROA No. 1247 /ROA/AEL/SLM/2024-25, Dated : 09.04.2025**

1.	Name and address of the sender	The District Environmental Engineer, Tamil Nadu Pollution Control Board, Dharmapuri.
2.	Date and time of collection	21.03.2025 at 12.01 PM & 12.10 PM
3.	Date and time of receipt at Lab.	21.03.2025 at 04.20 PM
4.	Condition of seal, fastening and Container	Sealed/Unfastened Condition in Polythene carbuoy 2.5 lits X 2 Nos.
5.	Nature and Number of samples	2 No. of Trade Effluent Samples
6.	Date of Analysis	21.03.2025 – 09.04.2025.

DEE Code No.	Lab Code No.	Point of Collection	Whether Untreated/ Treated
DEEDMP240359	3557	Clarifier Outlet	--
DEEDMP240360	3558	Outlet in Greenbelt	--

**TEST REPORT**

Sl. No.	Parameters	Unit	Test sample code Nos.		Test Method
			DEEDMP 240359/ 3557	DEEDMP 240360/ 3558	
1.	pH at 25°C	Number	7.53	7.59	APHA 23 <sup>rd</sup> Edn 2017 (4500 H+)
2.	TSS at 103°C – at 105°C	mg/l	88	56	APHA 23 <sup>rd</sup> Edn 2017 (2540 -D)
3.	TDS at 180°C	mg/l	1704	1528	APHA 23 <sup>rd</sup> Edn.2017 (2540 C)
4.	Chloride as Cl	mg/l	425	440	APHA 23 <sup>rd</sup> Edn.2017 (4500 Cl B)
5.	Sulphates as SO <sub>4</sub>	mg/l	93	120	APHA 23 <sup>rd</sup> Edn.2017 (4500 SO4-E)
6.	BOD (at 27°C for 3 days)	mg/l	26	10	IS 3025 (Part-44)
7.	COD	mg/l	190	140	APHA 23 <sup>rd</sup> Edn 2017 (5220 B)
8.	Ammonical Nitrogen as NH <sub>3</sub> -N	mg/l	1.12	1.68	APHA 23 <sup>rd</sup> Edn. 2017 (4500 - NH <sub>3</sub> C)
9.	Total Kjeldahal Nitrogen	mg/l	2.0	2.0	APHA 23 <sup>rd</sup> Edn. 2017 (4500-N-B)
10.	Nitrate Nitrogen as NO <sub>3</sub>	mg/l	0.583	2.065	APHA 23 <sup>rd</sup> Edn. 2017 (4500 NO <sub>3</sub> - B)
11.	Total Hardness as CaCO <sub>3</sub>	mg/l	530	520	APHA 23 <sup>rd</sup> Edn. 2017 (2340 C)

For Varalakshmi Steels Industries (P) Ltd

22

**V. ANBALAGAN**  
Managing Director

23

12.	Calcium as Ca	mg/l	40	48	APHA 23 <sup>rd</sup> Edn.2017 (3500 Ca B)
13.	Magnesium as Mg	mg/l	62	62	APHA 23 <sup>rd</sup> Edn. 2017 (3500 Mg)
14.	Alkalinity as CaCO <sub>3</sub>	mg/l	48	46	APHA 23 <sup>rd</sup> Edn. 2017 (2320 B)
15.	Cyanide as CN	mg/l	1.012	0.080	APHA 23 <sup>rd</sup> Edn.2017 (4500-CNE)

Note: < = Indicates Less than Minimum Detectable Limit.

Checked by

*Ashitha*  
09/04/25  
Environmental Scientist

Approved By

*S. D. G*  
09/04/25  
Assistant Director(Lab)  
AEL, TNPCB, Salem.

- End of Test Report -

Page No : 2 of 2

24



**ADVANCED ENVIRONMENTAL LABORATORY,  
TAMILNADU POLLUTION CONTROL BOARD,  
SALEM – 636 004.**

ROA No. 1247 /ROA/AEL/SLM/2024-25, Dated : 09.04.2025

1.	Name and address of the sender	The District Environmental Engineer, Tamil Nadu Pollution Control Board, Dharmapuri.
2.	Date and time of collection	21.03.2025 at 12.23 PM To 12.26 PM
3.	Date and time of receipt at Lab.	21.03.2025 at 04.20 PM
4.	Condition of seal, fastening and Container	Sealed/Unfastened Condition in Polythene carbuoy 2.5 lits X 2 Nos.
5.	Nature and Number of samples	2 No. of Piezometric well water Samples
6.	Date of Analysis	21.03.2025 – 09.04.2025

DEE Code No.	Lab Code No.	Point of Collection	Whether Untreated/ Treated
DEEDMP240361	3559	Piezometric well -1 Lat : 11.897428; Long: 78.377275	--
DEEDMP240362	3560	Piezometric well -2 Lat : 11.898611; Long: 78.378193	--

**TEST REPORT**

Sl. No.	Parameters	Unit	Test sample code Nos.		Test Method
			DEEDMP 240361/ 3559	DEEDMP 240362/ 3560	
1.	pH at 25°C	Number	7.29	7.27	APHA 23 <sup>rd</sup> Edn 2017 (4500 H-C)
2.	TDS at 180°C	mg/l	1460	1276	APHA 23 <sup>rd</sup> Edn.2017 (2540 C)
3.	Chloride as Cl	mg/l	420	400	APHA 23 <sup>rd</sup> Edn.2017 (4500 Cl B)
4.	Sulphates as SO <sub>4</sub>	mg/l	94	70	APHA 23 <sup>rd</sup> Edn.2017 (4500 SO4-E)
5.	Phenolic Compounds	mg/l	<0.01	<0.01	APHA 23 <sup>rd</sup> Edn. 2017 (5530 C)
6.	Ammonical Nitrogen as NH <sub>3</sub> -N	mg/l	0.56	0.56	APHA 23 <sup>rd</sup> Edn. 2017 (4500 - NH <sub>3</sub> C)
7.	Nitrate Nitrogen as NO <sub>3</sub>	mg/l	1.341	1.062	APHA 23 <sup>rd</sup> Edn. 2017 (4500 NO <sub>3</sub> -B)
8.	Sulphide	mg/l	<1	<1	APHA 23 <sup>rd</sup> Edi.2017 4500 S <sup>2</sup> F
9.	Total Hardness as CaCO <sub>3</sub>	mg/l	570	550	APHA 23 <sup>rd</sup> Edn. 2017 (2340 C)
10.	Calcium as Ca	mg/l	92	96	APHA 23 <sup>rd</sup> Edn.2017 (3500 Ca B)

Page No. \_\_\_\_\_  
For Varalakshmi Starch Industries (P) Ltd

**(V. ANBALAGAN)**  
 Managing Director

24

25

11.	Magnesium as Mg	mg/l	84	90	APHA 23 <sup>rd</sup> Edn. 2017 (3500 Mg)
12.	Fluoride as F	mg/l	0.927	0.866	APHA 23 <sup>rd</sup> Edn. 2017 (4500-F B,D)
13.	Alkalinity as CaCO <sub>3</sub>	mg/l	72	72	APHA 23 <sup>rd</sup> Edn. 2017 (2320 B)
14.	Iron Total as Fe	mg/l	<0.05	<0.05	APHA 23 <sup>rd</sup> Edn. 2017 (3500 Fe B)
15.	Boron	mg/l	<0.002	<0.002	APHA 23 <sup>rd</sup> Edi.2017-4500-B-C
16.	Total Residual Chlorine	mg/l	<1	<1	APHA 23 <sup>rd</sup> Edi.2017 4500 Cl B
17.	Copper as Cu	mg/l	<0.03	<0.03	APHA 23 <sup>rd</sup> Edn. 2017 (3111-B)
18.	Zinc as Zn	mg/l	<0.01	<0.01	APHA 23 <sup>rd</sup> Edn. 2017 (3111-B)
19.	Manganese	mg/l	<0.02	<0.02	APHA 23 <sup>rd</sup> Edn 2017 (3550-Mn)
20.	Turbidity	NTU	3.58	3.16	APHA 23 <sup>rd</sup> Edn 2017 (2130 B)

Note: < = Indicates Less than Minimum Detectable Limit.

Checked by

*Ashitha*  
09/04/25  
Environmental Scientist

Approved By

*S.D. e4*  
09/04/25  
Assistant Director (Lab)  
AEL, TNPCB, Salem.

- End of Test Report -

Page No : 2 of 2

25

26



**ADVANCED ENVIRONMENTAL LABORATORY,  
TAMILNADU POLLUTION CONTROL BOARD,  
SALEM - 636 004.**

**ROA No. 1247 /ROA/AEL/SLM/2024-25, Dated : 09.04.2025**

1.	Name and address of the sender	The District Environmental Engineer, Tamil Nadu Pollution Control Board, Dharmapuri.
2.	Date and time of collection	21.03.2025 at 12.30 PM To 12.40 PM
3.	Date and time of receipt at Lab.	21.03.2025 at 04.20 PM
4.	Condition of seal, fastening and Container	Scaled/Unfastened Condition in Polythene carbuoy 2.5 lits X 2 Nos.
5.	Nature and Number of samples	1 No. of Piezometric well water Samples
6.	Date of Analysis	21.03.2025 - 09 04.2025

DEE Code No.	Lab Code No.	Point of Collection	Whether Untreated/Treated
DEEDMP240363	3561	Piezometric well -3 Lat : 11.899602; Long: 78.377812	--
DEEDMP240364	3562	Stagnation Pond	--

**TEST REPORT**

Sl. No.	Parameters	Unit	Test sample code Nos.		Test Method
			DEEDMP 240363/ 3561	DEEDMP 240364/ 3562	
1.	pH at 25°C	Number	7.47	8.85	APHA 23 <sup>rd</sup> Edn 2017 (4500 H+)
2.	TSS at 103°C - at 105°C	mg/l	-	92	APHA 23 <sup>rd</sup> Edn 2017 (2540 -D)
3.	TDS at 180°C	mg/l	1400	1712	APHA 23 <sup>rd</sup> Edn.2017 (2540 C)
4.	Chloride as Cl	mg/l	340	500	APHA 23 <sup>rd</sup> Edn.2017 (4500 Cl B)
5.	Sulphates as SO <sub>4</sub>	mg/l	75	98	APHA 23 <sup>rd</sup> Edn.2017 (4500 SO4-E)
6.	BOD (at 27°C for 3 days)	mg/l	-	22	IS 3025 (Part-44)
7.	COD	mg/l	-	120	APHA 23 <sup>rd</sup> Edn 2017 (5220 B)
8.	Phenolic Compounds	mg/l	<0.01	-	APHA 23 <sup>rd</sup> Edn. 2017 (5530 C)
9.	Ammonical Nitrogen as NH <sub>3</sub> -N	mg/l	0.56	2.24	APHA 23 <sup>rd</sup> Edn. 2017 (4500 - NH <sub>3</sub> C)
10.	Total Kjeldahal Nitrogen	mg/l	-	2.48	APHA 23 <sup>rd</sup> Edn. 2017 (4500-N-B)
11.	Nitrate Nitrogen as NO <sub>3</sub>	mg/l	1.405	2.00	APHA 23 <sup>rd</sup> Edn. 2017 (4500 NO <sub>3</sub> - B)
12.	Sulphide	mg/l	<1	-	APHA 23 <sup>rd</sup> Edi.2017 4500 S <sup>2</sup> F

**For Varalakshmi Starch Industries (P) Ltd**  
Page No : 1 of 2

26

**(V ANBALAGAN)**  
Managing Director

27

13.	Total Hardness as CaCO <sub>3</sub>	mg/l	550	580	APHA 23 <sup>rd</sup> Edn. 2017 (2340 C)
14.	Calcium as Ca	mg/l	90	28	APHA 23 <sup>rd</sup> Edn.2017 (3500 Ca B)
15.	Magnesium as Mg	mg/l	82	68	APHA 23 <sup>rd</sup> Edn. 2017 (3500 Mg)
16.	Fluoride as F	mg/l	0.905	-	APHA 23 <sup>rd</sup> Edn. 2017 (4500-F B,D)
17.	Alkalinity as CaCO <sub>3</sub>	mg/l	76	42	APHA 23 <sup>rd</sup> Edn. 2017 (2320 B)
18.	Cyanide as CN	mg/l	-	<0.008	APHA 23 <sup>rd</sup> Edn.2017 (4500-CNE)
19.	Iron Total as Fe	mg/l	0.05	-	APHA 23 <sup>rd</sup> Edn. 2017 (3500 Fe B)
20.	Boron	mg/l	<0.002	-	APHA 23 <sup>rd</sup> Edi.2017-4500-B-C
21.	Free Residual Chlorine	mg/l	<1	-	APHA 23 <sup>rd</sup> Edi.2017 4500 Cl B
22.	Copper as Cu	mg/l	<0.03	-	APHA 23 <sup>rd</sup> Edn. 2017 (3111-B)
23.	Zinc as Zn	mg/l	<0.01	-	APHA 23 <sup>rd</sup> Edn. 2017 (3111-B)
24.	Manganese	mg/l	<0.02	-	APHA 23 <sup>rd</sup> Edn 2017 (3550-Mn)
25.	Turbidity	NTU	<1	-	APHA 23 <sup>rd</sup> Edn 2017 (2130 B)

Note: < = Indicates Less than Minimum Detectable Limit.

Checked by

*Debita*  
09/04/25  
Environmental Scientist

Approved By

*S. D. Jay*  
09/04/25  
Assistant Director(Lab)  
AEL, TNPCB, Salem.

- End of Test Report -

Page No : 2 of 2

**BEFORE THE NATIONAL GREEN TRIBUNAL SOUTHERN ZONE  
AT CHENNAI**

**Appeal No. 77 of 2022**

M/s. Varalakshmi Starch Industries (P) Ltd.,  
Rep. by its Managing Director V.Anbalagan  
Having its office at:  
"Varalakshmi Tower"  
No.127/1, 2<sup>nd</sup> floor,  
Gandhi Road,  
Salem- 636 007.

...Appellant

AND

Tamil Nadu Pollution Control Board  
Rep. by its Chairperson  
76, Anna Salai, Guindy Industrial Estate,  
Guindy,  
Chennai – 600032 & Ors.,

...Respondents,

**AFFIDAVIT ALONG WITH ANNEXURES**