

Swami Valmiki Sreenivasa Ayyangarya's new technologies based on **Vedic Sciences** for effectively treating pollution, recovering wasted resources called pollutants and also using them in sustainable agricultural practices and also recovering precious water from polluted water bodies, sewage, and rivers.

1. We have invented the pollution as a utility product for the society in 2000-2004.
2. We have successfully implemented the organic farming project in Abali Tea Estate, Arunachal Pradesh in the year 2004-2005 **using pollution as the only input**. Their website can be looked into.
3. We have been mentioned /declared as the inventor/developer of **Jivamrita** by the Dept of Agriculture, Govt of Karnataka, in 2009. Their leaflet is enclosed.
4. Our work has been appreciated by Dr. M Mukund Joshi, professor in Agronomy, University of Agri Sciences, Bengaluru, in his book "New Vistas of Organic Farming".
5. We have been treating large lakes of water tanks with completely polluted water and making the water useful for the society.
6. As a trial we can show the conversion of any polluted water of any kind on this Earth into quality water / pollution less liquid / utility product for the society.
7. If needed, one can visit Anandalvar Sannidhi Pushkarani, located at Halekiranguru, Srirangapattana district, Karnataka.
8. One can also visit any of our project places in Kodagu especially using pollution as the only input in agriculture.
9. We can treat a small sample size of sick plants which are said to be untreatable by the present experts in the field, using pollution. This will also prove our invention, as mentioned in point No 1 as above, that pollutants can be used effectively for plant growth!

Our approach is holistic or integrated in the sense, **we solve water pollution and agricultural land degradation**, effectively enabling sustainable agriculture which produces clean food, fuel like bio fuels or fibre such as cotton, which also does not pollute the environment and thus can be termed truly organic.

In Hyderabad, some of the pollutants were treated and tested after treatment. The lab test reports were given by Company X, Company Y and such independent organisations who had the effluent and leachate problem in solid waste disposal. All samples were collected at the initiative of Shri Someshwara Rao at Hyderabad and handed over to labs of Company X & Company Y after treatment by **Swami Valmiki Sreenivasa Ayyangarya**.

The following data is an abstract of lab test reports on:

1) Industrial effluents,

2) Municipal sewage and

3) Municipal Solid Waste (MSW) dump leachates.

Some of the pollutants were treated by us since six months. The samples were tested with certain parameters and the test reports are given as below-

1) Paper mill effluent.

Parameter	Units	Samples given by Mr.Someshwar			
		PULP STREAM 1+0	PULP STREAM 1+1	PAPER STREAM 1+0	PAPER STREAM 1+1
pH		2.6	6.9	7.5	7.4
Conductivity	μS	4700	1700	1600	1600
Colour	Pt.co	50	<50	-	-
TSS	mg/L	64	80	55	40
Total Hardness	mg/L	1040	690	680	380
Calcium Hardness	mg/L	560	520	530	300
Chloride (Cl)	mg/L	426	127	120	129.22
COD	mg/L	71.14	31.62	55.33	142.29
Note: All the samples (given by Mr.Som) are Odourless					

2) The polluted water of Hussainsagar reservoir in Hyderabad was treated with two samples taken at two different places. The test report is as follows.

Location- At town nala only municipal waste water.

Parameters	pH	E.C	TDS/TSS	COLOUR	ODOUR
	7.52	2340	1170	normal	odourless

Location- Kutapllynala

Parameters	pH	E.C	TDS/TSS	COLOUR	ODOUR
	7.02	2180	1090	normal	odourless

3) The polluted water of Musi river in Hyderabad was treated with two samples at two different places. The test report is as follows.

Location-Nagole bridge- with municipal and industrial effluents.

Parameters	pH	E.C	TDS/TSS	COLOUR	ODOUR
	5.99	1516	762	normal	odourless

Location- at Pillaipally less municipal & more industrial effluents.

Parameters	pH	E.C	TDS/TSS	COLOUR	ODOUR
	5.89	1426	729	normal	odourless

4) Two types of leachates were treated from Hyderabad Municipal Solid Waste dump yard and the treated samples were tested at the laboratory of Company Y.. This work was jointly executed by Shri Someshawar Rao and Swami Valmiki Sreenivasa Ayyangarya in cooperation with Company Y a large industrial groups who handle MSW management. The report is follows.

Location- Hyderabad dump yard. Raw leachate.

Parameters	pH	E.C	TDS/TSS	COLOUR	ODOUR
	9.45	6460	3320	Light Maroon	Odourless

Location- Hyderabad dump yard. Reject leachate.

Parameters	pH	E.C	TDS/TSS	COLOUR	ODOUR
	9.65	21400	10600	Light Black	Slight Smell+

Above test reports conclusively establish through emperical inference, that the technologies developed by Swami Valmiki Sreenivasa Ayyangarya are capable of effectively treating highly toxic industrial effluents, toxic leachates from Municipal Solid Waste dumps and cleaning up of large surface water bodies, rivers, enebling recovery of water resources from waste waters and use of toxic substances for clean and sutainable agriculture, capable of producing clean food, fuel or fibre.