



Waste Water to Drinking Water

A ZERO CHEMICALS... ZERO BUGS TECHNOLOGY...

Adjuded as one amongst the 10 best inventions in the World-AWS-2017!

***THE WORLD'S MOST ADVANCED
TECHNOLOGY TO CONVERT
ANY WASTE WATER INTO HIGH QUALITY
DRINKING WATER...***

**AQUATRON -
BOOM TUBE
RESONATOR
... THE
WATER
TIME
MACHINE
JUST
INVENTED...**



BOOM TUBE RESONATOR BENEFITS

- Reduce COD and BOD by 98% +
- Agglomerate particles as small as 10 nanometer in water to 10 µm to 2.5 mm and filtered through conventional aids.
- Extremely fast reaction time, processes water on line and clean water available for use immediately.
- Arsenic, Nitrates, Heavy Metals, Soaps, Detergents, and Fluoride removal
- Removal of residual antibiotics, oral contraceptives, chemotherapeutic agents and hormones.
- Softening Solids as fast sedimentation Aid
- Very small space requirements.
- Very effective in the removal of high and low turbidity.
- Extremely effective in removal of Color, TOC, NOM, NORAS and DBP precursors
- Works over a wide pH range
- Low cost compared to conventional methods of water treatment and recovery.
- Makes heavier particles that settles faster and works better in cold water
- Produces higher sludge concentrations resulting in Lower sludge disposal costs
- Sludge contains nothing that is hazardous to the environment and is compatible and beneficial with many land application residuals programs and farming, fertilizer thus produced complies to fertilizer control order norms or recoverable materials for industrial uses
- Recovered water confirms to the highest standards of drinking water.
- **A ZERO CHEMICAL, NON-BIOLOGICAL PROCESS, THE SAFEST IN HUMAN HISTORY.**
- AQUATRON - BOOM TUBE RESONATOR is fully compatible to renewable energy sources.

100%
Recovery

NO
Rejects

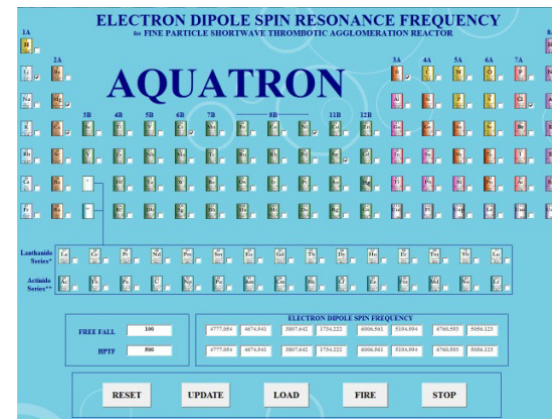
NO
Wastage

AQUATRON - BOOM TUBE RESONATOR

Physics at work for you..

WHY WASTE WHEN YOU CAN USE...

The Sewage and other Waste water treatment system in most cases are essentially installed to meet the waste water discharge norms, which are concentration based, that is, they measure the concentration of pollution in a given quantity of water. The result is that anyone can meet the required standard merely by diluting the waste water with clean water. Since the cost of water in most countries are very low, it makes more economic sense for people to dilute the sewage or other waste water or industrial effluent than to treat it to meet the standards, well if you go deep into the subject, you will know this is how environmental officials are wood winked in many cases. Water once used is generally thrown away without any further use, even if it can be reused. Segregation of sewage into clean water (that can be reused), is not commonly done. The result is that even the uncontaminated water gets contaminated after mixing with lakes and rivers as is the case today in most part of developing countries.



Unfortunately, most of the sewage and other industrial effluent end up in our Lakes and Rivers.

The Scalene Automation and Robotics Centre (SARC) and Scalene Energy Research Institute (SERI) has jointly developed a new device called AQUATRON BOOM TUBE RESONATOR that converts Sewage and other Industrial Effluent into clean and pure drinking water complying with the highest drinking water standards and high quality Nitrogen fixed and Phosphate solublized Fertilizers, complying with the fertilizer control order, and in case of industrial effluent, into other recoverable materials depending on the industries.

What is Sewage?
Facts we have ignored for a hundred years....

Everybody knows what sewage is; however most people do not know that it is the most dangerous substance on the planet and chemically causing most environmental damage than any other man made effluent that has a direct impact on the health of the life on the planet. We all very simply think it is the water with human excretion waste, urine, wash water, some soaps and detergent, sometimes used oils etc., but what we don't know about it, is it also contains deadly residual chemical substances that come from thousands of sick people who consume a lot of pharmaceutical substances, antibiotics, oral contraceptives residue, hormones, many of them interact with each other to form some of the most poisonous compounds, that has long and short term effects. Many of these substances get back to us through our food chain and unfortunately current sewage treatment standards do not address these issues. The consequences of these are people suffering from diseases that were not prevalent before, most direct effect is we are making our "Young Men to be a Bald Men" and our young boys and girls infertile.

The majority of the government-owned sewage treatment plants in developing countries remain closed most of the time due to improper design or poor maintenance or lack of reliable electricity supply to operate the plants, together with absentee employees and poor management. The sewage generated in these areas normally percolates into the soil or evaporates. The uncollected residues accumulate in the urban areas causing unhygienic conditions and releasing pollutants that leach into

What about Industrial Effluent...?

Industrial Effluent is lesser of the evil; these used a waste water mainly contains contaminants that are mixed in water during an industrial process. All the time, we know the chemical composition of the effluent. Removal of these chemicals out of the water leaves the water clean and pure and that's easy for AQUATRON...

The AQUATRON - BOOM TUBE RESONATORS are made up of complex alloys consisting of Aluminum, Magnesium, Zinc, Copper, Manganese, Titanium and sometimes even Platinum, Iridium, silver and Gold, depending on the particle' atomic composition and the waste water to be treated.



Water before Filtration



Dirty to Drinking Water



Palletized solids from the process



CUSTOM SOLUTIONS

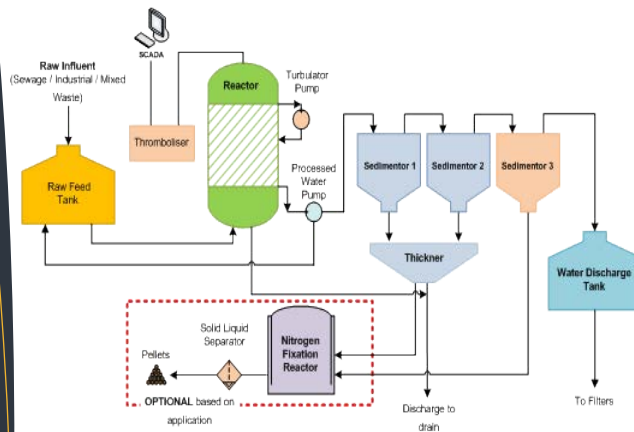
AQUATRON - BOOM TUBE RESONATORS can be built to your requirements to process from 2000 liters of waste water per day to 1 billion liters of waste water per day. In fact, one million liters per day (1MLD) sewage treatment can be built on a 60 x 40 feet area in your neighborhood with fully automatic SCADA system of that is highly advanced and powered by Artificial Intelligence, Back Propagation Neural Networks and Realistic Automation with Geometric Animation or RAGA.



"If we don't plan our water resources intelligently, all life forms on earth would parish soon due to thirst... you don't need a meteor to strike the planet, lack of potable water will soon make humans an endangered species...."

Rajah Vijay Kumar., Kt.OMS., D.Sc,
Inventor Extraordinaire.
Inventor of AQUATRON - BOOM TUBE RESONATOR.

What is an AQUATRON BOOM TUBE RESONATOR...?



It is a device developed jointly by SERI and SARC, both are member institutes of Organization de Scalene Foundation, based on a patented technology called Fine Particle Shortwave Thrombotic Agglomeration Reaction or FPSTAR.

Water was pure and clean before it got contaminated by human use or by natural pollutants. Contamination is a process of adding substances to the water, in the process of cleaning or dissolving substances into it. Contaminants or pollutants getting mixed into water, from whichever source is simply chemical substances or chemical compounds. These chemical compounds are made of atomic elements found in the periodic table. So the contaminated water, simply contains pure water plus a bunch of different elements. We all know water is a very special liquid, with very special properties and the only substance that has no replacement or alternative.

Substances of dirt, contaminations and pollutants are still elements of the periodic table and if one can simply remove these elements out of the contaminated and polluted water, water becomes absolutely clean again, like how it was, when it was born. One should look at contaminated water as water + undesirable atomic elements rather than waste or wasted water.

The BOOM TUBE RESONATOR does exactly this; Each atomic element in the periodic table has a Specific Frequency of Disassociation (SFoD), which we have identified by experimental studies over 75 man years. SFoD is a frequency in the shortwave band of the electromagnetic spectrum, when resonated for a specific time at a specific intensity, a targeted elements disassociates from its compounded form to elemental form. SFoD is unique to each element in the periodic table.

The waste water contains many different elements; so many different frequencies are required. These frequencies are delivered to the waste water that flows through a special reactor called 'Boom Tube', which is a resonating column, tuned to different bands of frequencies starting from the lowest atomic weight to highest atomic weight. As the water passes through the Boom Tube reactor, the elements in the water (except hydrogen and oxygen), will start disassociating from its compounded form to their equilibrium elemental state by probably neutron capture, phonon interactions and electron reorganisation under a weightless condition created by continuous free fall in the reactor. The dissolved and suspended dirt particles disassociate into its elemental forms and agglomerate by inter-particle attraction and come out of the reactor separated and permanently hydrophobic. These particles now form the sludge, mainly of oxides of specific atoms of elements originally present in the contaminated or polluted water only when it comes in contact with the atmospheric air.

For elemental analysis of waste water sample, the waste water is slowly evaporated at 110 degrees centigrade for over 20 hours. The residue is then sent for a ICP-AES (Inductively coupled plasma atomic emission spectroscopy (ICP-AES), also referred to as inductively coupled plasma optical emission spectrometry (ICP-OES)), is an analytical technique used for the detection of atomic elements) to understand the atomic properties of waste water.