

APPLICATION SHEET

An insight into CWP's unique hyperoxidation technology and how it's being used for treatment of waste water from hog farms

Benefits

- Uses only Electricity
- No chemicals
- No waste stream
- Modular
- High Volume (upto 30 bpm)
- Mobile (Portable or Fixed as needed)
- Low Maintenance
- Easy Operation
- Fast Deployment

Capabilities

- Disinfection
- Reduces Scale Formation, Biofilms and Algae
- Eliminates sulfate reducing and acid producing bacteria
- Oxidizes Heavy metals
- Reduces total dissolved solids – converts to TSS
- Eliminates foul odor - H₂S, NH₃, Mercaptans
- Replenish Dissolved Oxygen
- Organics/BOD/COD reduction

Wide range of Products

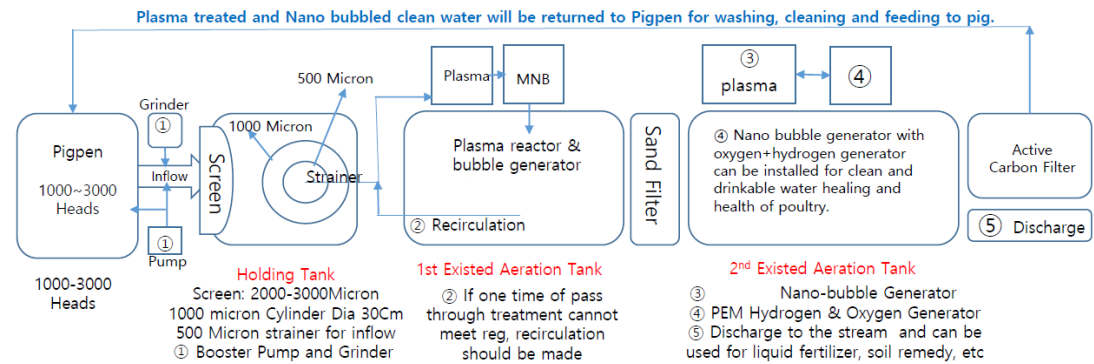
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- ☐ AP 72

Pig Manure Treatment plant

Clear Water Plasma LLC (CWP) is an Advanced Oxidation Water Treatment Technology company providing nonchemical treatment of all types of waste water. One of its clients in South Korea has been using CWP's hyperoxidation technology to treat waste water from Pig Farms on Jeju Island. CWP's hyper oxidation technology is based on patented electro-oxidation reactors that use proprietary coating electrodes to pump in trillions of electrons into the highly toxic, bugs infested waste water from hog farms.



- Patented technology
- Uses proprietary electrodes
- Destroys bacteria and viruses including E.coli, Enterococci, Fecal Coliforms and Total Coliforms



- Oxidizes heavy metals such as Iron, Copper, Manganese, Zinc which can be settle to the bottom of the lagoon as sludge
- Sterilization and removal of odor
- Potentially can remove Ammonia, Nitrates and Phosphates
- High volume processing - upto 1500 gpm
- No chemicals, No waste - Simply electricity