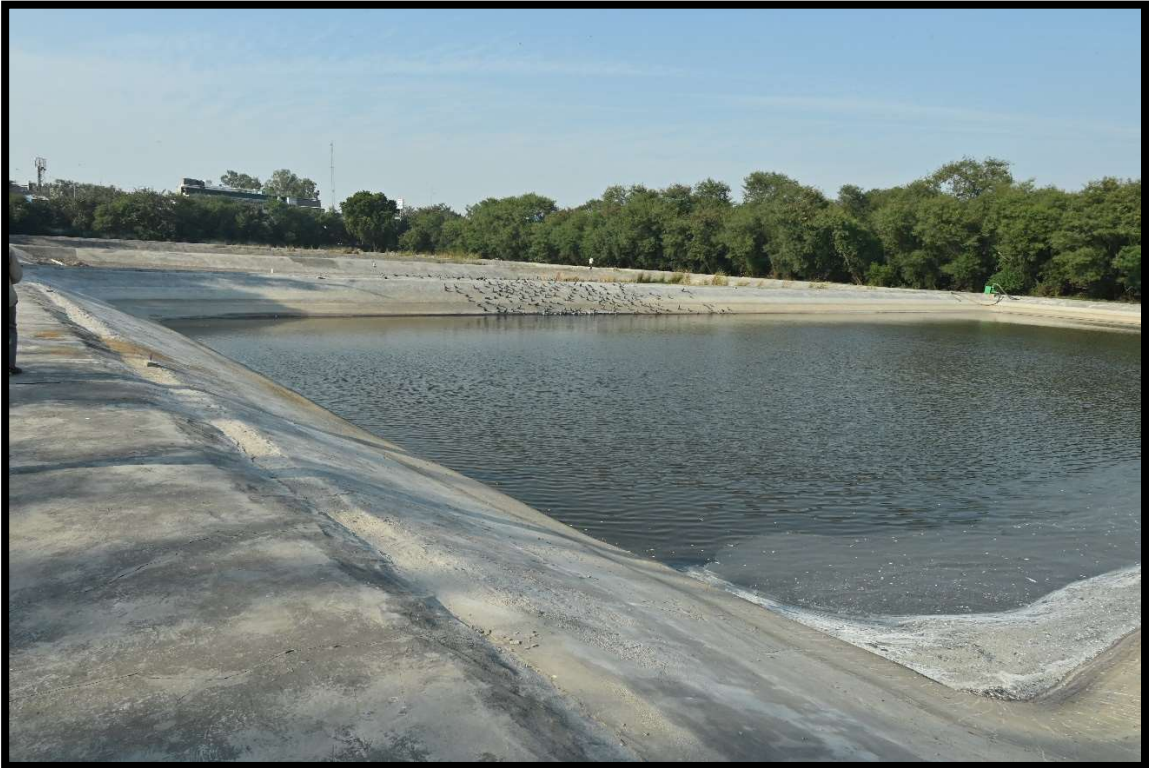


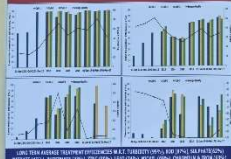
**Waste Water Treatment Plant**



**PARAMOUNT WORKS OF ENVIRONMENT FRIENDLY WASTE WATER TREATMENT FACILITY**  
 (Treatment Capacity: 12 Million litres per day) for municipal & 4000' industrial effluent (ICP) from Pathankot to Pathankot

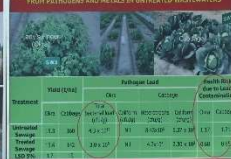


**POLLUTANT REDUCTION EFFICIENCY OF SYSTEM**



DATA SOURCE: WASTE WATER TREATMENT FACILITY, PATHANKOT, PUNJ (2018-2019). POLLUTANTS: BOD (MG/L), COD (MG/L), TSS (MG/L), NH4-N (MG/L)

**REDUCED CONSUMER HEALTH RISK DUE TO FOOD CONTAMINATION FROM PATHANKOT AND METALS IN INDUSTRIAL WASTEWATERS**



**PATHOGEN / METAL RISK PROOF AQUACULTURE AND HIGH FISH PRODUCTIVITY**



**BENEFITS & INTEGRATED BUSINESS MODELS**



**ECOLOGICAL FOOTPRINT & SUSTAINABILITY**  
 Implemented Vs. Conventional Solution

Energy Intensity	Implemented Technology	Conventional Technology
Decreased Land Ratio	1.37	42.99
Energy Yield Ratio	2.79	0.01
Resource Percentage	2.81	6.03
Energy Sustainability Index	0.54	0.00234

**RECOMMENDED FOR ADOPTION BY MSME INDUSTRIES IN PUNJ**



**WIDELY PUBLICIZED BY MEDIA**





**Water Harvesting Pond**





# Facilities for Rhizo-filtration of effluents with aquatic plant

