

Terra  Marra

INTERNATIONAL



EFFICIENT FILTRATION SYSTEMS

FACILITY WATER MANAGEMENT

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ADVANTAGES VERSUS SAND, MULTIMEDIA, ZEOLITE FILTERS



GREEN AND SUSTAINABLE

- AVERAGE OF 25-75% LESS WATER WASTED GOING TO DRAIN

LESS POTENTIAL BIOLOGICAL GROWTH

- NO MEDIA TO GET INFECTED OR HAVE TO SANITIZE AND CHANGE OUT
- DOES NOT ABSORB DISINFECTANT LIKE ANTHRACITE LAYERS OR ZEOLITES
- NO SIGNIFICANT BUILD UP OF NUTRIENTS OR THE POTENTIAL TO INCUBATE BIOFILM

LESS EMERGENCY FAILURES

- NO CONCERNS WITH CHANNELING IN LOW FLOW
- AVOIDING EMERGENCY PRESSURE DROPS AND EXCESSIVE DIFFERENTIAL PRESSURES

SMART DATA COLLECTION ON INLET WATER

- ABILITY TO TRACK IN REAL TIME AMOUNT OF SEDIMENT RATHER THAN OLDER “DUMB” FILTRATION

ADVANTAGES VERSUS BAG & CARTRIDGE FILTERS

TOTAL COST OF OWNERSHIP

- ALMOST NO MAINTENANCE AND NO CONSUMABLE PURCHASES WITH ELIMINATING DISPOSAL LABOR.

GREEN AND SUSTAINABLE

- NO WASTE GOING TO LANDFILL OR BEING ADDED TO MEDICAL WASTE DISPOSAL.



LESS POTENTIAL BIOLOGICAL GROWTH

- NO MEDIA TO GET INFECTED OR HAVE TO SANITIZE AND CHANGE OUT
- NO LARGE BUILD UP OF NUTRIENTS OR BIOFILM IN THE PIPING OR EQUIPMENT IN THE FACILITY.

LESS EMERGENCY FAILURES

- AVOIDING REDUCED PRESSURES IN THE FACILITY, CHANNELING, CATASTROPHIC PUMP FAILURES OR DEADHEADING THROUGHOUT THE FACILITY AND EQUIPMENT.

SMART DATA COLLECTION ON INLET WATER

- ABILITY TO TRACK IN REAL TIME AMOUNT OF SEDIMENT COMING INTO THE FACILITY

SAFE T GARD

POINT OF ENTRY FILTRATION

LOWER COST OF OWNERSHIP

- LOW MAINTENANCE- AUTOMATIC PROTECTION FOR THE MILLIONS OF DOLLARS OF FACILITY WATER USING EQUIPMENT.

GREEN AND SUSTAINABLE

- LESS THAN 1% WATER WASTE WHICH CAN BE SENT TO IRRIGATION. NO CONSUMABLES OR WASTE MEDIA.



LESS POTENTIAL BIOLOGICAL GROWTH

- FILTRATION MEDIA IS NON POROUS AND THE SEDIMENT IS VACUUMED FREQUENTLY BEFORE MAJOR ACCUMULATION. NEW TECHNOLOGY VS. OLD 70+ YEAR TECHNOLOGY.

LESS EMERGENCY ISSUES

- LESS PRESSURE DROP THAN OTHER FILTRATION, DEPENDABLE HIGH STRENGTH CONSTRUCTION AND NO CONCERNS WITH CHANNELING OR FILTER COLLAPSE/BREACHING.

INTELLIGENT WATER MANAGEMENT

- ABLE TO MONITOR INCOMING WATER VARIANCE WITH RESPECT TO SEDIMENT LOADING AND TRACK HISTORICAL INFORMATION.