

# FLOATING *Diffuser Systems*



Superior Aeration Mixing Systems Since 1975

# EDI Floating Diffuser Systems

## Upgrade

Existing lagoons and aeration basins for increased efficiency and increased capacity.

## Energy Savings

Deliver up to 6 -7 pounds of O<sub>2</sub>/hp hr (3.6-4.3 Kg/KWH)SOTR

## Wet Installation

Install without dewatering existing basins and without taking system out of service.

## Design Flexibility

Activated sludge, aerated lagoons, and special aeration projects in any size or shape basin. Compatible with earthen or lined basins.

## Process Reliability

Proven long term operation with minimum maintenance. No moving parts in the aeration basin.

## Process Efficiency

Aeration-mixing energy distributed across the aeration basin. Full depth diffusion for full basin utilization. Maximum treatment efficiency.

## Economical Installed Cost

High degree of factory assembly for rapid field installation.

## Mechanical Reliability

Rugged heavy duty construction for the toughest industrial or municipal applications.

## Multiple Diffuser Options

Use EDI FlexAir, MaxAir, Mini panels or REEF diffuser modules.

## Retrievable

All systems fully retrievable without process interruption.

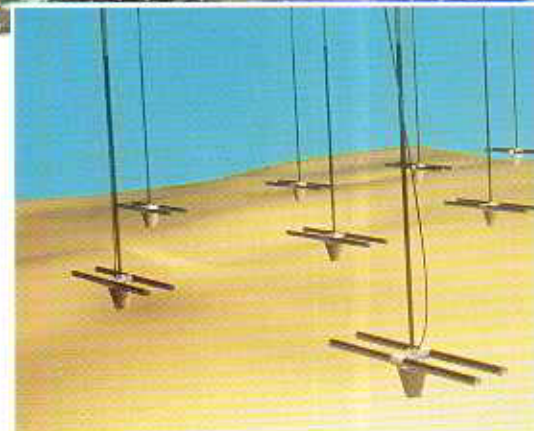
## FLOATING LATERAL CON



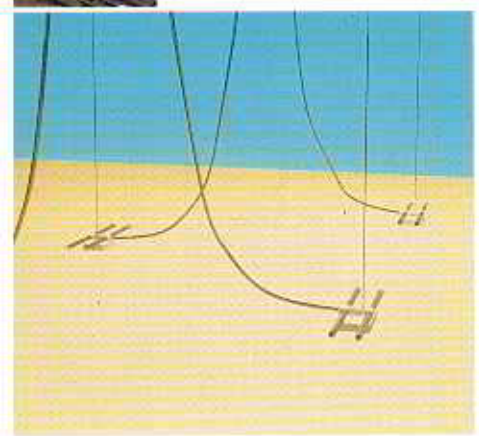
## Fixed Location Floor Mounted Diffusers

### BENEFITS

- Maximum diffuser depth
- Reduced piping requirements
- Minimum system cost



# URATIONS

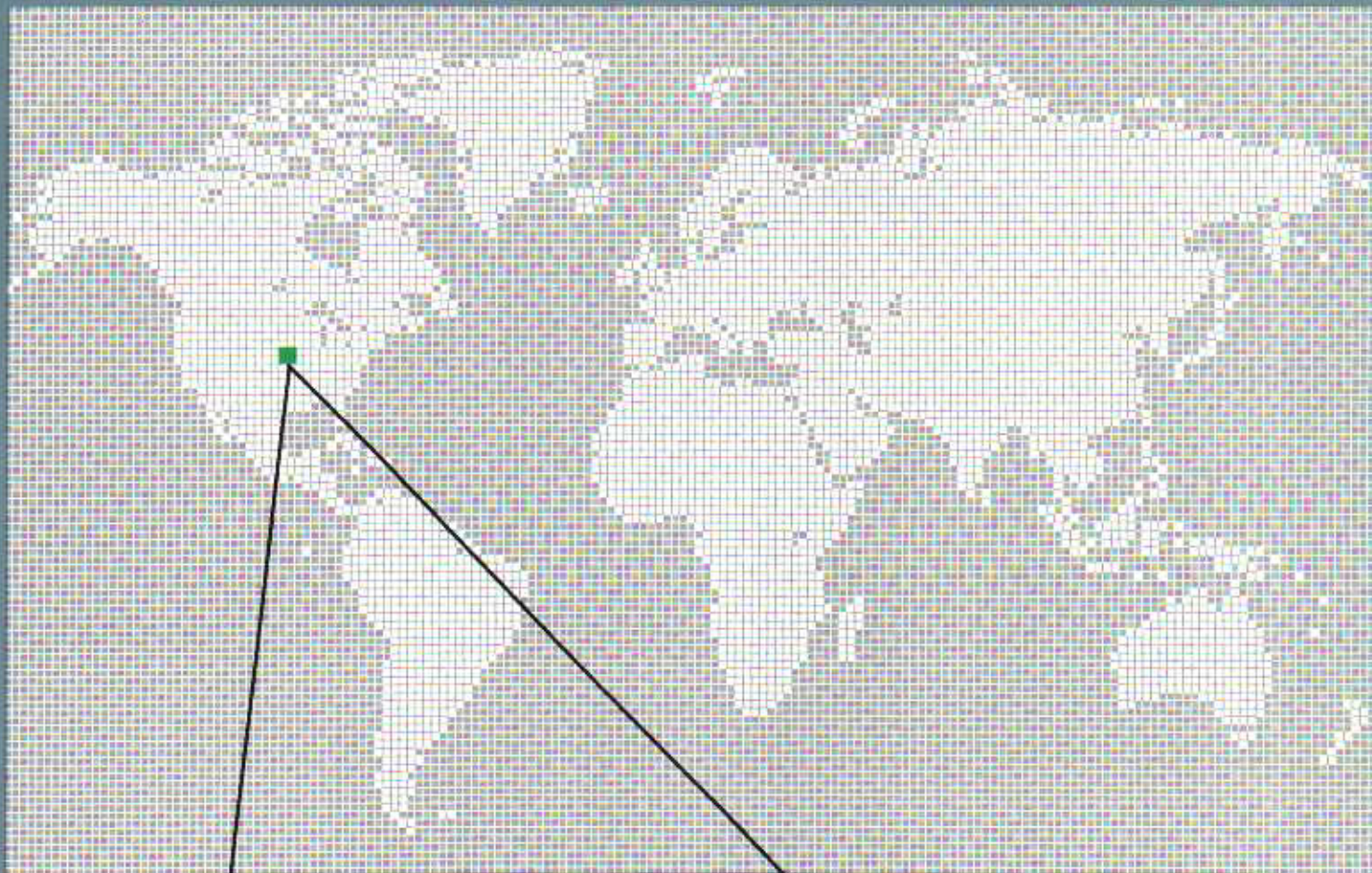


## Fixed Location Suspended Diffusers

### BENEFITS

- Eliminates effect of unstable bottom
- All diffusers same depth- controlled by floating lateral (eliminates effect of uneven floor)
- Install high off floor to prevent mixing accumulated sludges





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