



## Applications of Subsurface Drip Dispersal Technology in Engineered Ecological Systems

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### ABSTRACT

Subsurface drip technology is being applied to wetlands in an resourceful manner to solve problems in different situations. These situations include aeration of an 11,000 m<sup>3</sup>/d ( $3 \times 10^6$  gpd) remedial treatment wetland at a petroleum polluted site; flow distribution across a vertical flow wetland at temperatures below -25°C; flow distribution into a horizontal flow wetland of septic tank effluent from a single-family home; and, aeration of a subsurface flow wetland treating cheese-processing wastewater in Minnesota, USA.

