

# NE 2000MUN

## Municipal Powders

### OVERVIEW

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Municipal wastewater plants face the constant challenge of combating solids, sludge, malodors, organic buildup, and grease. These can be defined as undesirable levels of BOD, H<sub>2</sub>S, TSS, FOG, and poor DO stability. Municipalities face these challenges due to older, outdated facilities, which are over the designed capacity, along with a wide range of residential, commercial and industrial waste streams. The quick fix attempt of using chemicals or manual labor as control measures can be costly and inefficient.

The simple solution is NE 2000MUN, which is a blend of natural occurring organisms that attack the source – waste – as it enters the municipality system, preventing solids/sludge accumulation at pump stations, in sewer lines, and improving the plant efficiency. Plants decrease malodorous environment with improved BOD and efficient removal of solids from the use of NE 2000MUN.

### APPLICATIONS

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- WASTEWATER PLANTS
- HOLDING TANKS
- REACTORS & CONTRACTORS
- WASTE PUMPS
- OXIDATION DITCHES
- LIFT STATIONS
- ACTIVATED SLUDGE
- LAGOONS

### ADVANTAGES

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- GREATLY REDUCES LABOR TIME
- ENHANCES BOD/COD REMOVAL
- REDUCES HYDROGEN SULFIDE COST
- EFFECTIVE & EASY TO USE
- REDUCES SLUDGE BUILDUP
- DEGRADES A WIDE RANGE OF COMPLEX ORGANICS
- NO SPECIAL EQUIPMENT NEEDED
- BREAKS DOWN FAT & GREASE BUILDUP
- ELIMINATES MALODORS AT THEIR SOURCE
- CONTAINS NO CHEMICALS
- CHANGES BIOMASS DYNAMICS
- INCREASES SYSTEM EFFICIENCY



# NE 2000MUN

## Municipal Specs

### TARGETED COMPOUND

PHENOLS  
CELLULOSE  
PROTEINS  
SURFACTANTS  
SOAPS  
FOGS

SLUDGE VOLUME  
STARCHES  
ODOR SOURCES  
BTEX  
AMMONIA  
CHEMICALS

### BACTERIAL COUNT

5.2 BILLION CFU/GRAM

### BACTERIAL COUNT

BACILLUS SPORES AND VEGETATIVE MICROORGANISM BLEND

### TYPICAL PROPERTIES

APPEARANCE .....	TAN
FRAGRANCE .....	MILD-EARTHY
FORM .....	FREE FLOWING POWDER
SHELF LIFE.....	12 MO/U.O.C.

### PERFORMANCE PROPERTIES

EFFECTIVE pH RANGE .....	5 - 9.5
EFFECTIVE TEMPERATURE RANGE.....	45-120 degrees F

### PACKAGING

PACKAGED IN 25, 30, 50, 100, 400 AND 2000 LB CONTAINERS. ALSO AVAILABLE IN 2 OZ, 4 OZ, 8 OZ AND 16 OZ BIO-POUCHES.

