



Minnesota  
Pollution  
Control  
Agency

Water Quality

Wastewater  
Technical  
Review and  
Guidance

# GRAVITY THICKENERS— REVIEW CHECKLIST

Water/Wastewater/#5.27, May 2001

FACILITY NAME

DATE

CONSULTING ENGINEER

SITE INSPECTION (DATE & INSPECTOR)

PLANNING OR DESIGN PHASE

Number of units

Dimensions

Side Wall Depth (ft.)

Solids loading  
(lb./day/sq. ft.)

*Primary & Modified*

*Act 20-25*

*Primary & Conventional*

*Act 6-10*

*Primary & Trickling Filters*

*10-12*

*Primary Only*

*20-30*

Overflow Rate  
(gpd/ft<sup>2</sup>)

Surface Area (ft.<sup>2</sup>)

Underflow Solids  
Concentration (%)

Underflow Withdrawal  
Range (gpm)

Sludge bed depth indicator?

Underflow withdrawal:  
Continuous or intermittent?

wq-wwtp5-27

Minnesota Pollution Control Agency, 520 Lafayette Road North, St. Paul, Minnesota 55155-4194

(651) 296-6300, toll-free (800) 657-3864, TTY (651) 282-5332 or (800) 657-3864

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