



Minnesota
Pollution
Control
Agency

Water Quality

Wastewater
Technical
Review and
Guidance

VACUUM FILTRATION— REVIEW CHECKLIST

Water/Wastewater/#5.80, May 2001

FACILITY NAME

DATE

CONSULTING ENGINEER

SITE INSPECTION (DATE & INSPECTOR)

PLANNING OR DESIGN PHASE

Number of Units

Dimensions

Size of drain-
Surface area-

Feed Solids Conc.

Feed Rate (gpm)

Cake Solids Content (20-35%)

Cake Yield (3.5 – 15 lb/hr/ft²)

Solids Capture (85-99%)

Filtrate Solids Conc.
(mg/l)

Size of Vacuum Pumps

Sludge Conditioning
Facilities?
Chemical doses?
Chemicals?

Location where filtrate is recycled?

Type of filter media

Filter Cloth washing system?

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