



Minnesota
Pollution
Control
Agency

Water Quality

Wastewater
Technical
Review and
Guidance

WET WELL, RAW SEWAGE PUMPS BAR SCREENS AND COMMINUTOR - REVIEW CHECKLIST

Water/Wastewater/#5.59, May 2001

FACILITY NAME

DATE

CONSULTING ENGINEER

SITE INSPECTION (DATE & INSPECTOR)

PLANNING OR DESIGN PHASE

Inflow Characteristics:

Average Wet Weather Flow (gpm)

Peak Hourly Flow (gpm)

Wet Well

Dimensions

Capacity (gal)

Detention Time:

@Average Wet Weather Flow

@ Peak Hourly Flow

Flow Measurement Device

Is there an adequate alarm system?

Is there emergency power?

Adequate Number Air Changes?

Control Float Tubes placed to Minimize
affects of flow?

Contents:

Wet Well.....1
Pumps.....2
Bar Screens.....2
Comminutor.....2

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

Number

Capacity (each pump)

Variable Speed
Pumps?

Bar Screens

Number of Units

Width of Units

Bar Size (in.)

Bar Spacing (in.)

Flow through Velocity
(ft. per. sec.)

@ Average Wet Weather Flow

@ Peak Hourly Flow

Slope

Flow Measurement Device

Is bar screen mechanically cleaned or manually
cleaned

Anticipated problems with access to screens or
ease of removal of screenings?

Final disposal of screenings?

Comminutor

Number of Units

Capacity
(each unit)

Are auxiliary screens proposed for alternate use?
