

REMER PUMP STATION INSPECTION CHECKLIST

Version: 1, Dec 2019

SITE

Inspect asphalt condition.

Inspect grounds. Cut grass/kill weeds as required.

Inspect fencing and gate; ensure correct operation of gate (full swing)

Ensure all debris removed from site

Ensure that all required signage has been installed (incl. Pump Station I.D. sign)

ODOR CONTROL UNIT

Inspect outside of unit for leaks and condition. Odor of H₂S should be minimal from air discharge.

Inspect nutrient tank for water level and add 5 quarts of liquid Miracle Grow to a full tank of water.

Verify proper nutrient tank pump operation. It cycles approximately once every 15 minutes.

Verify condition of fan. No loud or unusual noises.

GENERATOR

Inspect fuel tank for external leaks.

Verify adequate fuel level. Notify Tom Hess if less than three quarters full or 26 inches of fuel in the tank. Fuel level dip stick is stored in generator enclosure.

Verify no unusual odors inside generator enclosure: electrical burning, fuel, coolant, etc.

Verify generator main breaker is closed.

Verify no alarms on generator control panel at generator.

Verify generator switches are set to automatic at generator.

Verify no oil, fuel, or coolant leaks from generator.

Verify Racor fuel filters show clear red fuel and no water or debris.

Verify battery charger is functioning properly.

WETWELL

Visual check of wet well.

Check proper operation of aluminum hatch.

Are the floats hanging free and clear of rags or grease?

Ensure confined space signs/decals are installed and readable.

Inspect condition and no leaks of discharge piping.

Inspect paint condition used on piping.

Inspect grating platform and supports.

Inspect check valve servicing (if required). Note any unusual noises/vibration.

MCC BUILDING

Verify no SCADA alarms present in system

Verify alarm beacons outside and inside of building are not flashing. Troubleshoot if flashing.

Verify interior/exterior lighting is functional including emergency exit lights above doors.

Verify interior of building is clean and A/C units are functioning. Verify no water leakage evident from roof, vents, and doors.

Verify generator ATS panel is set to automatic and no alarms are displayed.

Verify HMI is displaying normal indications with no displayed alarms. Verify wet well levels display between 3.5' (pump off level) and 9' (pump on level). Verify proper operation of 1 pump cycle (start/run/shutdown) before leaving station.

Verify odor control fan speed displays 1050 RPM on odor control panel VFD.

Verify no unusual odors in building, especially smell of burned electrical wiring/components.

Verify interior/exterior lighting is functional including emergency exit lights above doors.