

GENERAL 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)
	Verify control panel awning is secure and free of damage (if installed).

CONTROL PANELS

	Verify alarm beacon not flashing. Troubleshoot if flashing.
	Verify external condition of panels are free of damage.
	Verify interior of control panel is clean, corrosion free, and A/C unit is functioning. Verify no water leakage into panel.
	Verify junction panel is clean inside and inspect electrical connections for corrosion.
	Verify HMI is displaying normal indications with no displayed alarms. Verify wet well levels displayed. Verify controller set to automatic.
	Verify correct pump operation.
	Verify no unusual smell of burned electrical wiring/components.

GENERATOR (if installed)

	Inspect fuel tank for external leaks.
	Inspect generator enclosure for damage.
	Verify adequate fuel level. Notify Tom Hess if less than $\frac{3}{4}$ full of fuel in the tank.
	Verify correct oil and coolant levels.
	Verify no unusual odors inside generator enclosure: electrical burning, fuel, coolant, etc.

	Operationally check generator weekly.
	Verify no alarms on generator control panel.
	Verify generator controller set to automatic.
	Verify no oil, fuel, or coolant leaks from generator.
	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 for excessive grease or floating debris in wet well. Schedule for cleaning if required.