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MAURICE'S CAMPGROUND infrastructure report-mechanicals

EQUIPMENT	CONDITION	RECOMMENDATION
water heater-cabins 1 A.O. Smith 75 gal. gas	O-K, probably 7 yrs.	When replacement is needed, replace w/high-efficiency HTP Phoenix® 55-gal. model PH-100-55, 100 kBtu input gas
boiler/indirect water heater cabins 2-provides baseboard heat & hot water	Cast-iron boiler, 1995, should still be good to go. SuperStor SSE-80 indirect water heater is stainless steel, should be o-k for a good while.	No action needed for foreseeable future, if ever needed replace w/ same. Circulator pumps may need replacement at some point.
space heating-office	floor furnace, relatively new	this type of heater is no longer code-approved, but since this is not living space, no action needed
water heater-shower	Bock mod. 71E oil-fired 55 gal. glass-lined steel. Mfg. date 2/2013	9 years old, probably good for 5- 6 more years. Needs new smoke- pipe, re-cement pipe to chimney. Strongly recommend replace oil return line w/deaerator (such as Tiger Loop® or Mitco Smart-Flo® Strongly recommend cleaning/ tune-up
Well #1	Gould shallow-well jet pump appears to be 1-hp.	Pump appears in good condition, has fiberglas pressure tank, which should not require replacement for foresee- able future

Well #2	Submersible pump, unknown make/model/age, probably 1 or 1-1/2 hp.	These pumps usually last a long time. Has old-style wellhead, not pitiless adapter. O-k for now, but will have to be changed if pump is ever replaced.
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NOTES ON WELLS/WATER QUALITY

Well water on the outer Cape is generally quite acidic; it would be good idea to have it tested for pH. Currently there is no water treatment for the campground water supply, therefore it would be wise to check the condition of any metallic piping. Adding acid neutralization gear to the wells would be worth considering in order to prevent further deterioration of the plumbing infrastructure.

The pressure/water storage tank(s) were purchased from the Otis installation in No. Truro, and are made of 3/4" thick steel; should never need attention.

NOTE ON MAIN ROADWAY

I completed my survey on June 9, 2022, following a period of very heavy rain (approx. 2"-3" overnight and in the morning). The main road into the camp had deeply ponded near the trash/recycling center, something we will need to address.