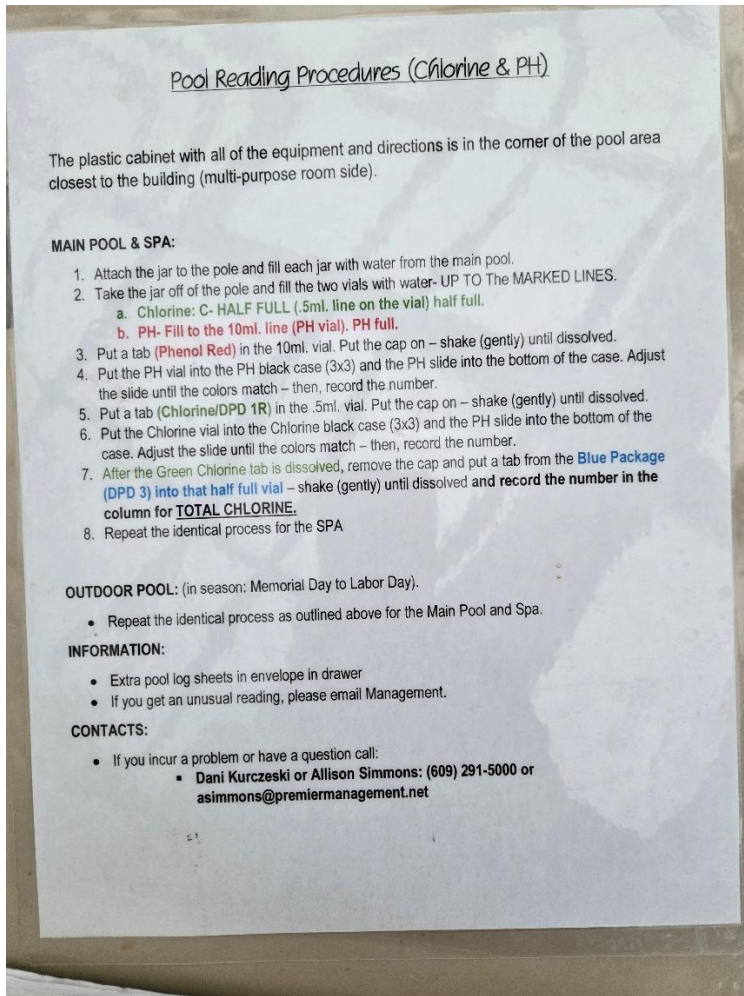


“Professional testing equipment—paired with incomplete instructions—creates unreliable results and missed safety risks.”

EXHIBIT: Why These Instructions Are Technically Inadequate

Subject: “Pool Reading Procedures” Provided to Resident Volunteers



The following analysis compares the instructions provided to residents with the requirements of the LaMotte 3368-NJ-01 testing system used for public pool compliance.

FAILURE 1: Incorrect Sample Volume

The LaMotte test kit requires different sample volumes depending on the test:

- **Chlorine test:** 5 mL sample
- **pH test:** 10 mL sample

The provided instructions simply state to “fill to the line,” without distinguishing between test types.

Impact:

This creates inconsistent sample volumes, introducing measurement error and undermining the reliability of the results.

FAILURE 2: Failure to Measure Combined Chlorine

“Combined Chlorine” (chloramines) is associated with eye irritation, respiratory discomfort, and reduced water quality—particularly impacting seniors.

Proper measurement requires a defined sequence:

1. Test Free Chlorine using DPD #1
2. Add DPD #3 to the same sample
3. Subtract the first reading from the second

The provided instructions omit this process entirely.

Impact:

This fails to identify the presence of combined chlorine (chloramines), a key indicator of unsafe or poorly maintained water conditions.

FAILURE 3: Professional Equipment, Inadequate Guidance

The LaMotte 3368-NJ-01 system is designed for trained operators to meet public health requirements.

The provided instructions replace the manufacturer’s detailed guidance with a simplified “shortcut” sheet.

Impact:

This prioritizes record-keeping over accurate measurement and safety verification, increasing the likelihood of incorrect readings and missed hazards.

FAILURE 4: No Defined Safety Thresholds or Closure Criteria

The provided instructions do not define acceptable chemical ranges, do not identify unsafe conditions, and do not specify when the pool must be closed.

Impact:

A volunteer could record a dangerous reading and not recognize it as unsafe. Without defined thresholds or closure criteria, unsafe conditions may be observed—but not acted upon.

**Summary for Residents**

Residents are being asked to perform safety-critical testing using incomplete and inadequate instructions.

- Essential steps are missing
- Safe ranges are not defined
- No guidance is provided for recognizing or responding to unsafe conditions

Many residents are volunteering in good faith, believing they are helping the community. That intent deserves respect.

However, without proper instructions and safeguards, these efforts may provide a false sense of safety. Conditions that require action may go unrecognized, and unsafe water may remain in use.

The Result:

This is not a reliable safety process. It places well-intentioned residents in a position where they may unknowingly contribute to unsafe conditions, rather than prevent them.