



Public Bathing Places Inspection Program Field Notice of Deficiency



Pursuant to RSA 485-A:26 the Department of Environmental Services, Water Division ("DES") operates the Public Bathing Places Program to ensure the health and safety of the public when using public bathing places such as pools and spas. DES has adopted administrative rules Env-Wq 1100-1110 to specify the design, operation, and maintenance requirements for public bathing places.

The facility at this establishment has failed to meet these requirements because of the deficiencies noted below.

FACILITY INFORMATION

FILE #:	Inspector:	Date / Time:	
Facility:	Address:	<input type="checkbox"/> Indoor	<input type="checkbox"/> Routine
Address:		<input type="checkbox"/> Outdoor	<input type="checkbox"/> Complaint
Town:		<input type="checkbox"/> Seasonal	<input type="checkbox"/> Re-Test
Operator:	CPO? <input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Year Round	<input type="checkbox"/> Pre-Opening
		Volume (gal):	

DEFICIENCIES

<input type="checkbox"/> Water Quality	<input type="checkbox"/> Temperature	<input type="checkbox"/> Water Clarity	
	<input type="checkbox"/> pH	<input type="checkbox"/> Algae	
	<input type="checkbox"/> Disinfection	<input type="checkbox"/> Cyanuric acid	
	<input type="checkbox"/> Combined Chlorine	<input type="checkbox"/> Foul Odor	
<input type="checkbox"/> Safety	<input type="checkbox"/> Gate	<input type="checkbox"/> Rescue Floatation	
	<input type="checkbox"/> Fence	<input type="checkbox"/> Depth Markers	
	<input type="checkbox"/> Phone / Sign	<input type="checkbox"/> Breakpoint Line	
	<input type="checkbox"/> Patron Safety Rules	<input type="checkbox"/> First Aid Kit	
	<input type="checkbox"/> Body Hook	<input type="checkbox"/> Clock	
<input type="checkbox"/> Construction and Equipment	<input type="checkbox"/> Pump/Circulation	<input type="checkbox"/> Toilets	
	<input type="checkbox"/> Filtration	<input type="checkbox"/> Continuous Feed	
	<input type="checkbox"/> Flow Meter	<input type="checkbox"/> Electrical Interlock	
	<input type="checkbox"/> Suction Outlet Covers	<input type="checkbox"/> Air Gap	
	<input type="checkbox"/> Equalizer Covers	<input type="checkbox"/> Backflow Preventer	
	<input type="checkbox"/> SVRS	<input type="checkbox"/> Backwash Location	
	<input type="checkbox"/> NSF Certified	<input type="checkbox"/> Skimmers/Gutter	
	<input type="checkbox"/> Showers	<input type="checkbox"/> Return Inlets	
<input type="checkbox"/> Operation and Maintenance	<input type="checkbox"/> DPD Test Kit	<input type="checkbox"/> Daily Logs	
	<input type="checkbox"/> Fresh Reagents	<input type="checkbox"/> Testing Frequency	
<input type="checkbox"/> Approval	RSA 485-A:26 <input type="checkbox"/> Not approved <input type="checkbox"/> Not inspected prior to opening for: <input type="checkbox"/> new construction <input type="checkbox"/> renovation		

RECOMMENDATIONS

<input type="checkbox"/> Close <input type="checkbox"/> pool <input type="checkbox"/> spa <input type="checkbox"/> wader <input type="checkbox"/> special rec. pool <input type="checkbox"/> therapy pool immediately; do not open until:	
<input type="checkbox"/> Facility has been <input type="checkbox"/> drained <input type="checkbox"/> cleaned <input type="checkbox"/> shocked <input type="checkbox"/> Water quality parameters are within acceptable range <input type="checkbox"/> Bacteria results are known <input type="checkbox"/> Facility has been re-inspected	<input type="checkbox"/> Safety deficiencies are corrected <input type="checkbox"/> Construction and Equipment deficiencies are corrected <input type="checkbox"/> DPD testing recorded prior to opening, every 4 hours <input type="checkbox"/> Application has been submitted, reviewed and approved

Correct noted deficiencies by _____; inform inspector when completed. pools@des.nh.gov 603-271-7108

Inspector: _____ Facility Rep: _____

NHDES PUBLIC BATHING FACILITY STANDARDS (abbreviated)

Water Quality Standards Env-Wq 1105.12-1105.13

Parameter	Swim, Wading, & Receiving Pools	Spas / Therapy Pools
Free Residual Chlorine (mg/L)	1 - 5	2 - 10
Combined Chlorine (mg/L)	0.5	0.5
Bromine (mg/L)	2 - 10	2 - 10
pH (units)	7.0 - 7.8	7.0 - 7.8
Temperature (°F)	89 Maximum	104 Maximum
Clarity	Main Drain(s)/Bottom Clearly Visible	Main Drain(s)/Bottom Clearly Visible
Turbidity (NTU)	Not exceed 2	Not exceed 2
Alkalinity (mg/L)	60-180	60-180
Cyanuric acid (mg/L)	Not exceed 50	Not exceed 50
Total Coliform (CTS/100 mL)	0	0
Non-Coliform (CTS/100 mL)	< 200	< 200
<i>Escherichia coli</i>	ABSENT	ABSENT
<i>Pseudomonas aeruginosa</i> (CTS/100 mL)	0	0
Heterotrophic Plate Count (CTS/1 mL)	< 200	< 200

SAFETY (Env-Wq 1104):

- (1) Tests for disinfectant residual and pH, shall be taken at all public bathing facilities prior to use and every 4 hours during operation. Tests for temperature shall be taken for all heated pools or spas prior to use and every 4 hours during operation. (Env-Wq 1104.01a,c,d)
- (2) The following shall be recorded: test results, results of the inspection of the cover/grate, filter back washing and/or replacement, vomiting or fecal accidents, emptying and cleaning of spas, and operation problems. (Env-Wq 1104.01 f-g)
- (3) The operator/owner shall be responsible for posting conspicuously displayed signs informing patrons of the absence of a lifeguard or monitor. (Env-Wq 1104.03 b-c)
- (4) A telephone shall be present or a sign informing the location of the nearest telephone. (Env-Wq 1104.04 c-d)
- (5) A functioning clock shall be visible from all public spas. (Env-Wq 1104.04 g)
- (6) Depth of water in feet shall be plainly and conspicuously marked on pool deck and vertical wall according to Env-Wq 1105.18 a.
- (7) The following safety equipment shall be present at all swimming pools (Env-Wq 1104.06 a): (1) A light, strong pole not less than 12 feet long, including a body hook. (2) A minimum one-fourth inch diameter throwing rope as long as one and one-half times the maximum width of the pool or 50 feet, whichever is less, to which has been firmly attached a type IV throwable rescue flotation device (3) A first aid kit with latex-free medical gloves; materials to clean and cover minor cuts and abrasions; and a personal resuscitation mask or shield.
- (8) Public bathing facilities shall not be operated if an outlet cover is missing, broken or not secured (Env-Wq 1104.07)
- (9) Owners shall not allow bathers to use a public pool or spa if the bacterial, chemical and physical water quality requirements are not met as set forth in (Env-Wq 1105.12 & Env-Wq 1105.13).

CONSTRUCTION & MAINTENANCE: (Env-Wq 1104-1110):

- (1) The circulation system must operate continuously during the operating season. (Env-Wq 1105.16 a)
- (2) Disinfection feed for all public bathing facilities shall be by either: (1) Positive displacement pump type unit (2) An erosion unit with control of the erosion rate or (3) A salt electrolytic chlorine generator. (Env-Wq 1106.08 b)
- (3) A rope with attached floats shall be placed across public pools over the break in depth between the shallow and deep portions of the pool. (Env-Wq 1105.18 f)
- (4) All filtration systems shall include a rate of flow meter. (Env-Wq 1106.07 b2, 1107.05 b, 1108.05 a, 1109.04, 1110.04)
- (5) Minimum Turnover: 6 or 8 hours for pools built prior to 2014 (depth dependent); 6 hours for pools built after to 2014; 30 minutes for any spa; 1 or 4 hours for a wading pool (depth dependent), 1 hour for a special recreation pool and 4 hours for a therapy pool. (Env-Wq 1106.09, 1107.07, 1108.07, 1109.06, 1110.06)
- (6) Outdoor swimming pools shall have an enclosure constructed around the entire pool and gates that meet Env-Wq 1105.08 a.
- (7) Showers and Toilets shall be provided. (Env-Wq 1105.01 & Env-Wq 1105.04)

APPROVAL (RSA 485-A:26):

- (1) No person shall install, operate or maintain an artificial swimming pool or bathing place open to and used by the public, or as a part of a business venture, unless the construction, design and physical specifications of such pool or bathing place shall have received prior approval by the department. (RSA 485-A:26)
- (2) All public bathing facilities shall meet the design and construction features set forth in Env-Wq 1100.