

Demerit Score: 8

Date of Insp/Chg: 11/07/2024  
Status Code: A

Health Department 92  
Current Facility ID 4092550142  
Old Facility ID

Inspection of Swimming Pool

Water Supply:  Municipal/Community  On-Site Supply  
Wastewater:  Municipal/Community  On-Site System

Water sample taken today?  
 Yes  No

Inspection  Name Change  
 Re-inspection  Verification of Closure  
 Visit  Status Change

Name of Establishment: CAMBRIDGE VILLAGE OF APEX SPA

Pool Operator: Patrick Schrader  
(F, L)

Location Address: 10,000 CAMBRIDGE VILLAGE LOOP

Mailing Addr. 10,000 CAMBRIDGE VILLAGE LOOP

City: APEX State: NC Zip: 27502

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WATER QUALITY: (.2535)

\* Indicates critical item (6-point demerit)

- \*1. Water clear enough to clearly see bottom of pool and pool drain .....  6
- \*2. Disinfectant residual provided by:
  - free chlorine = (at least 1.0 ppm or 2.0 ppm where required);
  - bromine = 4.0 (at least 2.0 ppm); or
  - biguanide = (30 to 50 ppm).....
- \*3. Pool water pH = 7.2 (7.2 to 7.8).....  6
- \*4. Water temperature of heated pool 103.2°F; does not exceed 90°F  
(swimming pool) or 104°F (spa) .....  6
- 5. Daily written records of water quality and test kit kept on site .....  4

Comments:

\*\* SEE COMMENT SHEET ATTACHED \*\*

POOL MAINTENANCE:

- \*6. Submerged suction outlets meet ASME/ANSI A112.19.8-2007. Single drains protected.(.2537, .2539) GPM=90 Field verification complete=Yes  6
- 7. Pool walls and floor kept clean, free of debris and in good repair (.2537)...  4
- 8. Surface skimmers (with weirs, baskets and covers) or gutters clean, in good repair, and functioning properly, no floating debris (.2518, .2537) .....  4
- 9. Depth markings and no diving markers or signs visible and properly located (.2523, .2537).....  4
- 10. Safety ropes with floats and contrasting color bands provided at shallow area breakpoints (.2515, .2523).....  2
- 11. Diving equipment, ladders, steps and handrails properly placed, in good repair (.2517, .2521).....  2
- 12. Inlets and other fittings in place and in good repair (.2537).....  4
- 13. Contrasting band on steps and benches (.2521, .2516, .2532).....  4
- 14. Spa timer working properly (.2537).....  4

PREMISES:

- \*15. Body hook and ring buoy with throw rope or lifeguard with rescue tube provided and properly located (.2530, .2537) .....  6
- 16. Fence or barrier with self-closing, self-latching gates properly constructed and maintained (.2528, .2537) .....  4
- 17. Decks unobstructed, properly drained, free of trip hazards (.2522, .2537).....  4
- 18. Lifeguards present or warning signs posted (.2530) .....  4
- 19. Signs prohibit glass containers or pets in pool area(.2530) .....  4
- 20. Caution signs posted at hot water spas (.2532) .....  4
- 21. Pool and deck lighting provided at pools that operate at night (.2524, .2537) ...  4
- \*22. Emergency telephone provided (.2530) .....  6

EQUIPMENT ROOM:

- 23. Chlorine or bromine automatic feeders that meet NSF Standard 50 (.2535) .....  4
- 24. Approved pump, filter, and flow meter operating properly (2518, .2519) .....  4
- 25. Equipment and chemicals kept in a dry, well-ventilated enclosure (.2533, .2534, .2537) .....  2
- 26. Valves and pipes identified by color codes or labels (.2518) .....  2
- 27. Filter backwash discharged through an air gap (.2513) .....  2

DRESSING AND SANITARY FACILITIES:

- 28. Bathroom or rest rooms accessible; shower sign posted (.2526) .....  2
- 29. Required fixtures provided, clean, and in good repair (.2526) .....  2
- 30. Approved water source, no cross connections (.2512) .....  2
- 31. Sewage disposed of in a properly operating sewage system (.2513) .....  2
- 32. Floors smooth, slip-resistant, kept clean(.2526) .....  2
- 33. Hose bibbs and floor drains provided (.2526) .....  2

Comment Sheet Attached

Yes  No

Report Received by:

Inspection Conducted by: Ed Duke #876

EHS I.D. # 876 - Duke, Ed

## Comment Addendum to Inspection Report

**Establishment Name:** CAMBRIDGE VILLAGE OF APEX SPA

**Establishment ID:** 4092550142

**Date:** 11/07/2024 **Time In:** 4:10 PM **Time Out:** 4:40 PM

### Observations and Corrective Actions

6 VGB drain covers must be replaced and certification by a NC Design Professional submitted and approved prior to permitting in 2025. Recommend removing the skimmer equalizer covers and permanently plugging both ends of the skimmer equalizer ports prior to permitting in 2025. Points taken but not closing to emphasize importance of having this done prior to permitting in 2025. Permit expiration date moved to match VGB expiration date!

29 Hot water must be 110F or less! Provide soap at shower.

### Additional Comments

24. 1723gal; 58gpm min turnover flowrate. Need to add flowmeter to the jet pump system. No imminent hazard found. Have an electrician evaluate all of the components to determine function. If corrections are needed, obtain an electrical permit from the appropriate municipality and have the corrections inspected by the appropriate municipality.

See correction comments.

Spa reopened.

Recommend hyper chlorinating spa 2x per month and accurately recording on CPO records!