Swimming Pool Plan Review Check Sheet

NEW YORK STATE DEPARTMENT OF HEALTH
Division of Environmental Protection

Review of Compliance with Design Standard
Subpart 6-1, NYS Sanitary Code

<table>
<thead>
<tr>
<th>Name of Pool</th>
<th>Location (town, village, city)</th>
<th>County</th>
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<tbody>
<tr>
<td>Check One</td>
<td>New Pool</td>
<td>Change to an Existing Pool</td>
</tr>
<tr>
<td>Type of Pool</td>
<td>Indoor</td>
<td>Outdoor</td>
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<tr>
<td>(Check as applicable)</td>
<td>White Water Slide</td>
<td>Pool</td>
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| Pool Size x | Area sq. ft. | Pool Capacity gallons |

<table>
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<tr>
<th>Code Section 6-1.29</th>
<th>Description</th>
<th>Yes</th>
<th>No</th>
<th>N.A.</th>
<th>Comments</th>
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<tr>
<td>2.1</td>
<td>1. Plan Submission</td>
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<tr>
<td></td>
<td>a. Plan submission complete (application, plans, specifications, eng. report)</td>
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<td></td>
<td>b. Plans are readable, stamped, signed and dated by Professional Engineer or Registered Architect</td>
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<td>2.2</td>
<td>2. Patron Use</td>
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<tr>
<td></td>
<td>Maximum number of bathers permitted</td>
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<td></td>
<td>a. Shallow area + 15 =</td>
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<td></td>
<td>b. (Deep area - 300 x no. of boards) + 25 =</td>
<td>Add (a+b) = Total</td>
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<td></td>
<td>c. Spa bather load</td>
<td>Spa area + 10 =</td>
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<td>3.0</td>
<td>3. Construction Material</td>
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<td>4.0</td>
<td>a. Inert, nontoxic, watertight and enduring</td>
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<td>4.2</td>
<td>b. Rounded corners at wall and floor intersection</td>
<td>Pool surface light in color, smooth and easily cleanable</td>
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<td>5.3</td>
<td>4. Bottom Slope</td>
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<td></td>
<td>a. Bottom slope 1:12 in shallow end</td>
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<td></td>
<td>b. 1:3 in shallow to deep end</td>
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<td>5.5</td>
<td>5. Diving Areas</td>
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<tr>
<td></td>
<td>a. Meets all requirements for depths, board length, diving envelope and clearances</td>
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<td></td>
<td>b. Handrails provided at all steps and ladders leading to diving boards one meter or above the water</td>
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<td>5.7</td>
<td>6. Deck slides located at water depth not less than 4 feet</td>
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<td>5.8</td>
<td>7. Acceptable location and design of ladders, recessed steps and handrails</td>
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<td>5.9</td>
<td>8. Deck and drains</td>
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<td></td>
<td>a. Five feet continuous deck around pool</td>
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<td>b. Impervious nonslip surface (no carpeting)</td>
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<td>c. Deck drainage slope at least 1/4 inch foot</td>
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<td>d. Drain spacing, location is acceptable</td>
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<td></td>
<td>e. Protection against back siphonage</td>
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<td></td>
<td>f. Adequate separation between food and deck areas</td>
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<td>9. Fencing</td>
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<td>5.10.1</td>
<td>a. Opening in fence acceptable</td>
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<td>5.10.1</td>
<td>b. 4 foot minimum height</td>
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<td>5.10.4</td>
<td>c. No external handholds or footholds</td>
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<td>5.10.6</td>
<td>d. Self-closing and positive self-latching lockable gates</td>
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<td>5.10.6</td>
<td>e. Latch location</td>
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<td>10. Depth Markings</td>
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<td>6.1.1</td>
<td>a. Depth markings at wall or deck, spaced not more than 25 feet, at 2 foot increments of depth, maximum, minimum point, break point</td>
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<td>b. Numeral height 4 inches or more</td>
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<td>c. Color contrasting with background</td>
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<td>d. Flostline at 5 feet breakpoint</td>
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<td>5.4</td>
<td>e. 4 inch stripe of contrasting color at breakpoint or 5 foot depth</td>
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<td>f. On steps or underwater ledges</td>
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<td>11. Lifeguard chairs</td>
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<td>Lifeguard chairs are adequate and location is acceptable</td>
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<td>12. Life Saving Equipment</td>
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<td>Provided (min. 2 units of (a) &amp; (b) below)</td>
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<td>a. Torpedo buoy [ ] rescue tube with a 6 foot line [ ] ring buoy at least 18 inches in diameter, fitted with 1/4 inch diameter line with a length of 1.5 times the maximum width of pool or 50 feet, whichever is less. [ ]</td>
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<td>b. One reaching pole 15 feet long [ ]</td>
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<td>c. Commercially available first aid kit [ ]</td>
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<td>d. Spine board [ ]</td>
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<td>e. Pocket mask [ ]</td>
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<td>f. First aid room [ ]</td>
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<td>13. Lighting, Electrical, Ventilation</td>
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<td>7.2.1</td>
<td>a. Wiring conforms to National Electrical Code</td>
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<td>b. Pool and metal fixtures properly bonded</td>
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<td>7.2.1.1</td>
<td>c. No overhead electrical wiring within 20 feet</td>
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<td>d. Ground fault interrupters provided</td>
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<td>7.1.1</td>
<td>e. Indoor pool - illumination over pool 50 foot candles, or with underwater lights, 30 foot candles</td>
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<td>7.3.1</td>
<td>f. Ventilation - two air changes per hour provided</td>
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<td>a. Minimum 6 inches air gap provided on fill pipe</td>
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<td>b. Approved backflow preventer installed on discharge side of last control valve fixture, device or appurtenance</td>
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<td>c. Water supply meets Part 5 of Code</td>
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<td>8.5</td>
<td>d. Backwash disposal is thru air gap</td>
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<td>e. Air gap provided between drain discharge and sewer</td>
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<tr>
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<td>15. Turnover and Piping</td>
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<td>9.2.2</td>
<td>a. Turnover rate is acceptable</td>
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<td>9.2.2</td>
<td>b. Suction line velocity is less than 6 ft./sec.</td>
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<td>c. Pressure lines velocity is less than 10 ft./sec.</td>
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<td>9.2.2</td>
<td>d. Piping details shown on plans</td>
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<td>e. Piping color coded</td>
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<td>16. Overflow System</td>
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<td>a. Gutters provided on (pools greater than 1,600 sq. ft.)</td>
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<td>b. Capable of removing 100% of recirculation rate</td>
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<td>c. Surge capacity acceptable</td>
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<td>d. NSF listed skimmers with equalizer lines provided</td>
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<td>e. Location and number of skimmers is acceptable</td>
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<td>&amp; 9.5.2.2</td>
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<td>17. Main Drains</td>
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<td>a. Main drain(s) location is acceptable</td>
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<td>b. Suction velocity thru gate is less than 1.5 ft./sec.</td>
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<td>18. Pumps</td>
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<td>a. Make and model #, H.P.</td>
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<td>Capacity ___________, @ Head ___________ ft.</td>
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<td>b. Pump curves and head loss calculations</td>
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<td>c. Pressure gauges provided</td>
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<td>a. Flow meter acceptable</td>
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<td>b. Location of flow meter in straight run of pipe</td>
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<td>c. Flush with pool wall or floor</td>
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<td>21. Filtration</td>
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<td>Filters meet standards of acceptability for:</td>
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<td>a. Type ___________, Make ___________, Model ___________, Area ___________</td>
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<td>b. NSF Listed</td>
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<td>c. Filtration rate</td>
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<td>d. Back wash rate</td>
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<td></td>
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<td>e. Pressure gauges</td>
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<table>
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<td>11.3 &amp; 11.4</td>
<td>a. Chlorinator/brominator&lt;br&gt;Number __________, Type __________&lt;br&gt;Make __________, Capacity __________&lt;br&gt;Max Dosage __________, NSF Listed __________</td>
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<td>11.5</td>
<td>b. Chemical Feeder&lt;br&gt;Type __________, Make __________&lt;br&gt;Model __________, Capacity __________&lt;br&gt;Max Dosage __________, NSF Listed __________</td>
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<td>d. Gas chlorine room location, cylinder storage, ventilation, air intake, SCBA, fan switch location acceptable</td>
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<td>e. Automatic deactivation device provided</td>
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<td>f. Test kit</td>
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<tr>
<td>14.7.2</td>
<td>b. Alarm system, thermostat control</td>
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<td>14.13</td>
<td>c. Warning sign</td>
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<tr>
<td>14.11</td>
<td>d. Acceptable design of air induction system</td>
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<tr>
<td>15.0</td>
<td>25. Special Purpose Pools</td>
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<tr>
<td>15.3.1</td>
<td>a. Handicap access</td>
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<tr>
<td>15.1.1</td>
<td>b. Water slides, plunge pool min. operating depth &gt;3 feet</td>
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<td>15.1.2.1</td>
<td>c. Distance between sides of adjacent flume terminuses is 6 feet or greater</td>
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<tr>
<td>15.1.2.1</td>
<td>d. Distance between side of flume and end wall is 5 feet or greater</td>
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<td>15.4.3</td>
<td>e. Movable bottom pool clearly lit and visible, depth sign provided</td>
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<td>15.2.1</td>
<td>f. Wave pools - turnover rate is acceptable</td>
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<tr>
<td>15.6</td>
<td>26. Starting Blocks&lt;br&gt;a. Meets recognized competition design standards&lt;br&gt;b. Installed over a minimum water depth of 6 feet</td>
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</table>

Completed by ____________________________

name ____________________________
signature ____________________________

date ____________________________

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