



Serving Valley, Elmore, Boise and Ada Counties

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**SWIMMING POOL REVIEW CHECK LIST
CENTRAL DISTRICT HEALTH DEPARTMENT**

Ref: <http://adm.idaho.gov/adminroles> search: "swimming pools"

Please fill out form completely or mark not applicable (N/A). Also check each parenthesis () as completed as these items are not optional. The large parenthesis [] are for the Health Department use.

I. Administrative Information

- a. Project name & location _____
Address _____ City _____
State _____ Zip _____ Phone _____
- b. 1. Engineering/Architectural firm _____
Address _____ City _____
State _____ Zip _____ Phone _____
2. General Pool Contractor _____
Address _____ City _____
State _____ Zip _____ Phone _____
- c. Owner's name _____
Address _____ City _____
State _____ Zip _____ Phone _____
- d. Operator's name _____
Address _____ City _____
State _____ Zip _____ Phone _____
- e. Plans signed, dated, and stamped ()
- f. Concurrent approval is being obtained from Central District Health () including development of an O & M Manual ()
- g. Type of pool: Public () Semi-Public () Wading pool proposed ()
- h. Plan review fee paid (); Letter of Acceptance sent ().
- i. Construction compliance certificate received ().

II. Design Data

NOTE: Final is for final inspection, and P.R. is for plan review by reviewing agencies.

Final P.R.

[] [] Pool surface area: _____ square feet.

[] [] Perimeter _____ feet.

- Pool volume _____ gallons.
- Deck area _____ square feet (excluding pool area).
- Filtration rate at 6-hour turnover ____ gpm; at 8-hour turnover ____ gpm.
- Design loading: Maximum swimmer load _____; non-swimmer _____.

III. General Construction Information

Information shown on the plans and specifications to include the following items:

Final P.R.

- 1. Plot or site plans with dimensions; include area lighting, fencing, decking, spectator areas, access to pool and any overhead wiring within fifty (50) feet of the pool. Also include sewage systems, individual wells, and dry wells if pertinent.
- 2. Plan and profile of pool, dimensions, schematic of recirculation and treatment equipment, etc.
- 3. Location and detail of inlets, skimmers, drains, vacuum connection, ladders, steps, depth markers, diving boards, lifeguard chair(s), bull nosed coping or handhold, make-up water inlet, mechanical equipment (including point of chlorine application and flow meter), and other necessary details.
- 4. Location of filtration equipment and distance to pool.
- 5. Method and place of waste water disposal and/or backwash water. If disposal is to another system (e.g. City Sewer System), then certification from sewage entity is attached.
- 6. Pool deck area showing slope and width, fencing height, and type of material.
- 7. Plan of bath house showing showers, dressing rooms, toilets, urinals, basins, etc. Plans to include construction materials of floors, walls, and ceiling in dressing rooms and toilet rooms.
- 8. Area lighting/underwater lighting.
- 9. Specification sheets identifying manufacturer and model for return inlets, lifeguard chairs, pumps and filters, skimmers, drains, heaters, flow meter, underwater lights, chlorinator, grab rails, and recessed steps, and handrails at steps into the pool.
- 10. Any unusual or special conditions such as slopes, hillsides, flooding potential etc.

11. Other necessary information. _____

IV. Health and Safety

Information shown on the plans and specifications to include the following items:

A. Lifeguards

Final P.R.

Public Pool: Numbers provided _____ if > 35
persons in pool enclosure (1/80 persons)

Other Pool: Signs provided (); Location _____

B. Lifeguard Chairs

Numbers provided _____

C. Life saving equipment (indicate location):

1. Shepherd's Crook (12 ft) or pole _____

2. Backboard that complies with American Red Cross standards _____

3. First Aid Kit (21 unit) _____

4. All life saving equipment readily available, accessible and functionally marked

D. Signs

1. Safety and sanitation rules _____

2. Emergency numbers posted _____

V. Pool Materials – Pool Structure

Final P.R.

- [] [] 1. Walls and bottom material _____
- [] [] 2. Corners rounded ()

- [] [] 3. Finish surface _____

A. Deck and Walkways

- [] [] 1. Width around pool _____ ft.
Continuous? ()
- [] [] 2. Slope of deck (1/4 – 3/8 inches per foot) _____

B. Floor Slopes

- [] [] 1. Slope of floor in shallow (<5 ft.) area (maximum 1 ft. in 2 ft.) _____ ft. in _____ ft.
- [] [] 2. Slope of floor in deep (>5 ft.) area (maximum 1 ft. in 3 ft.) _____ ft. in _____ ft.
- [] [] 3. Slope of safety ledge (minimum of 1/2 inch towards the pool, no wider than 4 inches _____).

C. Slope of sidewalls shall be either:

- [] [] 1. Vertical for a water depth of 6 ft; () or
- [] [] 2. Vertical to a depth of 3 ft. below the water surface and then curved to join the bottom with a radius (R) equal to or less than D-3. ()

D. Depth markers, safety rope, minimum depth, and children's area

- [] [] 1. Depth markers to be provided on the deck, at or above the water line on the wall of the pool in numbers at least 4 inches high. ()
- [] [] 2. Markers at: Maximum depth () Minimum depth ()
- [] [] 3. Markers at every 1 ft. depth under 5 ft. depth. ()
- [] [] 4. Markers at intervals of 25 ft. (), diving areas ().
- [] [] 5. Safety rope provided at 5 ft. depth break ().
- [] [] 6. Depth in shallow end must be between 3 ft. and 3 ft. 6 in. ()
Exception is for children's area. Depth in children's area is _____.
- [] [] 7. Children's area separated from main body of pool by _____.
- [] [] 8. Turnover rate in children's area _____.
- [] [] 9. Wading pool (), two-foot depth or less (), two-hour turnover rate (), physically separated from swimming pool ().

E. Ladders, recessed steps and stairs

1. Required Locations

[] [] Shallow end: If <2 ft. from the bottom of the pool to deck, none are required ().
If > 2 ft. stairs () or ladders () are required.

[] [] Deep End: Recessed steps () or ladder () are required on one side if the pool is
< 30 ft. wide. If the pool is > 30 ft., one on each side is required.

2. Stairs

[] [] Handrails (), non-slip treads (), minimum tread depth of 12 inches. (), maximum
rise of 10 inches. (), no abrupt drop off (), no submerged projections ().

[] [] Ladders are NSF approved (). If not, refer to IDAPA 16.02.14.122 of the regulations.

[] [] Recessed steps easily cleaned (), drain into the pool (), minimum depth of 5 inches
(), minimum width of 14 inches.

[] [] Handrails provided for all steps, step holes, stairs, or ladders ().

3. Diving Areas

[] [] No diving signs, including maximum depth of pool in 6 inches minimum letters .
Location _____.

[] [] Boards with proper ladders ().

[] [] Amount of headroom _____.

[] [] Slides provided ().

[] [] Diving board width _____.

[] [] Diving board associated dimensions:

Board Height above water	Water depth at end of board	Distance ahead of board L	Water depth L distance ahead of board	Board overhand	Distance between boards &/or walls

[] [] Fill spout location _____.

VI Hydraulics – Recirculation and Filtration Equipment
(Full plans are to be submitted)

1. Overflow Systems

Final P.R.

[] [] **Overflow gutter**

Surface skimmers

[] [] a. Need at least one per four hundred sq. ft. of pool area. () No fewer than two.

[] [] b. Doesn't interfere with each other. () At least five ft. from inlets.

[] [] c. Has an equalizer line. () One skimmer located opposite prevailing wind.

[] [] d. Controlled by separate shut off valve. ()

[] [] Hand-hold, bull nosed coping. ()

2. System

Pumps

Final P.R.

[] [] a. Manufacturer and model _____.

[] [] b. Pump size _____ hp.

[] [] c. Pump rate _____ gpm at _____ ft. TDH.

[] [] d. Hydraulic calculation to be submitted on all larger pools at DEQ discretion ();
Turn over rate in hours _____ (must not exceed 6 on new pool at time of
inspection),

[] [] e. Self priming () or suction piping below pool overflow level. ()

[] [] f. Strainer provided before pump. ()

Vacuum cleaning system

[] [] a. Integral part of recirculation system. ()

[] [] b. Number of connections _____.

[] [] c. Spacing of connections _____.

[] [] d. Depth below pool surface _____ ft.

[] [] e. Length of vacuum head _____ in.

[] [] f. What is flow per linear inch of vacuum cleaning head while operating at total pump
suction of 15 ft. of water _____.