



El Dorado County Environmental Management Department

2850 Fairlane Court, Bldg. C
Placerville, CA 95667
Phone (530) 621-5300 Fax (530) 642-1531

924 B Emerald Bay Rd
South Lake Tahoe, CA 96150
Phone (530) 573-3450 Fax (530) 542-3364

Swimming Pool / Spa Plan Check Guidelines

El Dorado County Environmental Health must review plans for all new and remodeled public swimming pools and spas. Plan review is preformed to ensure compliance with applicable laws and regulations.

The following information must be included in submitted plans. Check the box if the information has been provided. Incomplete plans will not be accepted.

Information

Check

Swimming Pool Specification Sheet (attached) Complete

Two identical sets of plans (application and submission to Building Department must be done separately).

- Specification sheets for equipment Complete
- Pump curve

Initial plan review fee for first hour of review (additional plan review fees will be calculated at an hourly rate, including construction inspections.) Complete

Site Plan Complete

Scale (Pool 1/4" = 1 foot) (Spa 1" = 1 foot) Complete

Deck Plan (showing slopes and drains) Complete

Fence and gates (showing plan view and elevations) Complete

Pool / Spa / Wading Pool layout

- Overhead view showing all dimensions Complete
- Sectional view showing slope, depths at shallow and deep ends, slope breaks

Permanent Markings

- Depth markings Complete
- Break line on pools over 5 feet deep
- Bench / step edge at spas

Stair, ladder, hand hold, diving board (if applicable) detail

Shell information (material, finish, color)

- Pool cover specification (if applicable) Complete

Equipment pad layout (indicate foundation material and drain locations)

- gas chlorination room layout (if applicable) Complete

Plumbing Plan

- Line diagram showing return and suction lines
- Location of all circulation equipment (pump, filter, disinfectant feeder, flowmeter, pressure gauges)
- Flow velocities in return and suction line
- Pipe sizes and materials
- Skimmer locations
- Main drain and equalizer line locations (include anti-hair/body entanglement cover specifications)
- Fill line location
- Hose bib locations
- Swimming pool leaning system

Check Box

Wastewater Disposal (contact El Dorado Irrigation District regarding sewer disposal restrictions)

Plan for connection to sanitary sewer to drain pool through air gap.

- Separation tank (DE)
- Sump to sanitary sewer with air gap (sand)
- Curbed area sloped to drain to sanitary sewer (cartridge)

Check Box

Electrical Plan

- Deck lighting (show fixture locations)
- Underwater lightning / GFCI specifications (Building Department must review)
- Emergency shut off switch (spas only)

Check Box

Safety Signs

- List or provide samples
-

Safety Equipment

- Rescue pole with body hook
- Life ring with rope

Check Box

Ancillary facilities for pools located more than 300 feet from any living units

- Restrooms
- Showers
- Drinking fountain

Check Box

An application for an annual Environmental Health operating permit and a fee will be due after the construction inspection.

Swimming Pool Specification Sheet

Identification

Pool Name: _____

Location or Address: _____

City: _____

Owner Name: _____

Address: _____

Phone: _____

Contact Person: _____ Phone: _____

Contractor: _____ Phone: _____

Pool Data

Type of Pool: Surface Area Sq. ft. _____ Capacity: _____

Flow rate: (GPM) _____ Turn over: (hours) _____

Equipment (Attach specification sheets)

Filter - Make, model Area sq. ft. _____

Quantity of filters: _____

Pump - Make, model _____ Capacity / output _____

Quantity of Pumps: _____ Horsepower: _____

Spa Jet Pump - Make, model _____

Capacity / output _____ Quantity of Pumps: _____ Horsepower: _____

Chlorinator - Make, model _____

Capacity: _____ Type: (erosion, liquid pump, etc.) _____

Skimmer - Make, model _____ Perimeter overflow required for surface area greater than 5,000 sq. ft.

Suction Covers - Make, model _____

Equalizer lines: _____ Main drain (GPM) _____

Print Form

Reset Form