

ROUTT COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH
Public and Semi-Public Swimming Pool, Hot Tub, and/or Spa
Specification and Plan Review Form

Prior to the construction, extension, enlarging, remodeling, or modification of any public or semi-public swimming pool, wading pool, hot tub or spa, the owner or his authorized representative is required to submit the following information to the Routt County Environmental Health Department. Routt County Environmental Health reserves the right to request any additional information considered necessary for review completion.

The criteria used in evaluating plans and specifications for swimming pools and spas are based on the State of Colorado Swimming Pool and Mineral Bath Regulations. Copies of these regulations are available from the Routt County Environmental Health Department. Should you have any questions regarding this form, visit us at 427 Oak Street in Steamboat Springs, Colorado or call us at (970) 879-0185.

	Name	Address	Phone
Pool	Edgemont Future Spa	2410 Ski Trail Lane	
Owner	Edgemont HOA	2420 Ski Trail Lane, Steamboat	970-879-6100
Architect			
Engineer	Todd Lee Lacher	1201 N. Tustin Ave, Anaheim, CA 92807	714-630-6100
Installer	Precision Pools	1555 Meadow Ln, SS, CO	870-0921

Brief description of improvements proposed: Installation of the 'Future' in-ground spa at the Edgemont Condominiums. The space and services where installed in 2008 to receive this spa, this permit it requested to now install the spa and equipment

Fill in all of the following blanks or use N/A if the item is inapplicable:

I. Site Plan

List the following and show details on a scaled site plan.

A. Location and shape of the swimming pool, wading pool, hot tub or spa including:

	Length (ft.)	Width (ft.)	Depth (ft.) min/max	Capacity (gallons)	Surface Area (ft.)
Pool					
Wading Pool					
Spa/Hot Tub	kidney		3'6"	3840	200 sq ft.

- Maximum bottom slope 1 in/ft., Shape 1
- User loads: Pool , Wading Pool , Hot Tub 20 persons
- Interior finishes (fiberglass, plaster, etc.) Plaster
- Location of stairs, handrails, and ladders Per Drawings
- Step height 9 1/2 (10" maximum), width 12" (12" minimum)
- Location of diving boards and distance from water
- Location and wattage of underwater lighting Per Drawings

B. The deck area surrounding the swimming pool or hot tub including:

1. Deck dimensions Installation of the surrounding deck occurred in 2008, see attached pictures
2. Deck material _____
3. Minimum deck slope _____ in/ft
4. Location and wattage of deck lights _____
5. Location of electrical switches and outlets (15 ft. from edge of hot tub) _____
6. Location of deck drains _____
7. Location of hose bibbs _____ (back flow prevention required)
8. Minimum distance between deck and overhead obstacles _____
9. Fencing around facilities (minimum 60") _____

C. Location and schematic of the mechanical room and recirculation equipment (Attach a separate document). See Attached Drawings.

D. Location of dressing rooms, toilet and shower facilities including:

1. Fixtures: Toilets _____, Showers _____, Dressing Rooms Existing
(Differentiate between male and female facilities)
2. Material and finishes, floor _____, walls _____, ceiling _____
3. Minimum slope of floor to drains _____ in/ft.

E. Complete plumbing diagram from mechanical room to pool or hot tub including:

1. Scale layout of recirculation equipment and location of flow meter (on 3 ft straight section of return to pool) See Attached Drawings
2. Min. slope of mechanical room floor (min 1/4 in/ft. toward drains) _____
3. Location of inlets and outlets including skimmers See Attached Drawings
(One skimmer/400 sq. ft. surface area with a minimum of two skimmers on opposite ends of the pool)
4. Method of refilling Auto Fill Via Domestic Water
(No submerged or direct connections to potable water)
5. Description of makeup water supply Domestic Water
(Must meet state drinking water standards)
6. Method of wastewater (i.e. backwash) disposal Sanitary Sewer
(No direct connections from sewer that may surcharge to mechanical room, air-gap backwash as necessary)

II. Mechanical Specifications

Provide name, model number, and other required information. Include manufacturer's specification sheets.

A. Filter

1. Type Sand - 2-TR100C
2. Filter area 4.98 sq. ft.
3. Filtration rate 98 gpm/sq. ft.

4. Turnover rate 30 min
(Pool volume must be turned over in 6 hours or less, wading pools in 1 hour or less, hot tubs/spas in 30 minutes or less)

B. Pumps

1. Horsepower 3
2. Enclose pump curve from manufacturer

C. Heater (BTU) Heat exchanger -

D. Automatic disinfection

1. Solid chlorine/bromine Salt system - Chlorine Generation
2. Chlorine gas _____ Meets safety requirements? _____
3. UV/peroxide -----
4. Other _____

III. Equipment and Safety Requirements

Check the following items, assuring they will be provided.

- A. Plumbing color-coded and labeled ✓
- B. Equipment operation and maintenance guidelines posted ✓
- C. Chemical test and adjustments, records posted ✓
- D. Water quality test kit ✓
- E. Vacuum system for pools ✓
- F. Life ring and reach pole for pools ✓
- G. Precautionary signs, user guidelines ✓
- H. Depth markers ✓

I certify that the above information is true and I understand that any changes in the above described equipment or design must be approved in advance by the Routt County Department of Environmental Health. I also understand that Environmental Health must conduct a final inspection prior to the opening of the facility.

Owner _____ Date _____ Ta Re 5/16/18
Architect or Installer _____ Date _____

Submittal complete ☐ Environmental Health Approval ☐ Date _____