Dear Applicant:

The Broomfield Public Health and Environment Division is concerned about your time and expense in building or remodeling a Swimming Pool or Spa and would like to assist you with the plan review process. To help us serve you better, and to save time, please follow the steps listed below:

1. Plans must be complete and must be submitted with the following:
   a. Blueprint of pool and mechanical rooms, drawn to scale by a licensed engineer or licensed architect.
   b. Mechanical diagrams, including plumbing, electrical, heating and ventilation drawn to scale by a licensed engineer or licensed architect.
   c. Manufacturer’s specification sheets for equipment.
   d. Interior finish schedule for toilet, locker room and bathhouse facilities.

2. The enclosed Broomfield Public Health and Environment Swimming Pool Plans and Specification Application must be completed and returned with a $90.00 plan review fee and the complete set of plans to the Broomfield Public Health and Environment Division located at 100 Spader Way, Broomfield, CO 80020. Note: Make checks payable to the City and County of Broomfield.

3. Please contact the Public Works - Utilities Division to ensure that the sanitary lines are at capacity to handle the amount of water that will be discharged from the pool/spa(s).

4. Two inspections are required prior to opening, a construction inspection and an opening inspection. Notify the Environmental Health Specialist at least (7) seven days in advance for each inspection. All construction and cleaning must be completed before calling for an opening inspection.

5. Final approval is necessary before you open for business.

If you have any questions, please contact the Public Health and Environment Division at 720.887.2220.
SWIMMING POOL PLANS AND SPECIFICATION APPLICATION

Pool Name: ___________________________________________ Phone: __________

Pool Address:__________________________________________ (Location of Pool)

Owner Name: __________________________________________ Phone: __________

Owner Address: _________________________________________

Builder: _____________________________________________ Phone: __________

Builder Address: ______________________________________

GENERAL INFORMATION

Length: _______________ Width: _______________ Shape: _______________

Construction Type: _______________ Depth: Minimum _______ Maximum: _______

Capacity: _______ in gallons Surface area _______ sq. ft. Bather load _______

Spa/Hot tub: Capacity _______ in gallons Surface area _______ sq. ft.

Construction type _______________

Decks: Size _______ Construction: _______ Finish: _______ Slope: _______

Deck: drains provided? _______ Type: _______ Location: _______

Hose bibs provided? _______ Fencing (describe) _______________

Depth markers provided: Pool wall _______ Deck _______ Letter size _______

WATER SUPPLY

Source: _______________ Fill spouts: _______________ Location: _______________

Air gap provided on fill spout? _______________

WASTE DISPOSAL

Backwash water to sanitary sewer? _______ Indirect connection provided? _______
Sight glass provided? ______________ Location: __________________________________________

EQUIPMENT

Main drain: Number __________ Size _______ Pipe Size _______ Grating provided ______________

VGB compliant Y / N ______________ Certification of Compliance __________________________________

Skimmers: One per 500 sq. ft. of surface area. Minimum of two. Number provided? ________________

Make: ___________________________ Model: ___________________ Equalizer line provided? __________

Overflow gutters (if used): Y/N Surge tank provided? ______________ Outlet pipe size ______________

Distance between Inlets __________________________ Make _______ Model _________________________

Inlets: Number ___________ Discharge depth ___________ Distance between inlets __________

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<tr>
<th>Pumps</th>
<th>Make</th>
<th>Model</th>
<th>HP</th>
<th>Capacity (gpm@60 TDH)</th>
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<th>Filters</th>
<th>Type</th>
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<th>Capacity (gpm)</th>
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Flow gauge provided: ______________ Location: __________________________________________

Pressure gauge(s) provided: ______________ Suction cleaning provided: _______________

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<th>Type</th>
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<th>Model</th>
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Electrical GFI’s: Mechanical room __________ Bath/dressing rooms ___________ Pool complex _______
DISINFECTION SYSTEM

Chlorine _______ Bromine _______ Other (explain) ________________________________

Chlorinator: Make _______ Model ______________ Type: Gas ______ Erosion ______ Hypo ______

Automatic Controller: Make _______ Model ______________

Gas systems: Separate room ___________ 1-foot window in door ___ Gas mask ________________

Exhaust vent within 6 inches of floor level ___________ Intake located near ceiling ________________

Exhaust fan automatically activated how ______________________________________________________________________

Leakage test kit ___________________________ Safety brackets ______________________________

Hypo systems: Regulator Provided ___________ Backflow/back siphonage features ____________

OTHER EQUIPMENT

Diving Boards: Number _______ Water depth _______ Board Height ________________
Headroom _______ Horizontal separation ________________

Lights: Number _______ Make _______ Model _______ Watts ________________
Ladders provided _______ Location _______ Steps ________________
Type of lifesaving equipment provided _____________________________________ Safety line provided ____________
Zero entry equipment ________________________________________________________________________________

Other: ____________________________________________________________________________________________

Bath House Facilities: Showers Toilet rooms Dressing rooms

Floors (construction) ________________ ________________ ________________
Walls (construction) ________________ ________________ ________________
Ceilings (construction) ________________ ________________ ________________
Drainage ____________________________ ________________ ________________
Ventilation __________________________ ________________ ________________

Fixtures: Showers Toilets Hand sinks Lockers
Male ________________ ________________ ________________ ________________
Female ________________ ________________ ________________ ________________

Turnover rates: Pool _______ Wading Pool _______ Spa/hot tub _______ Other ________________