Client/Body name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Basic Information:**

What kind of Body: Pool Spa Wading Pool Kiddie Pool Lazy River Splash Pad Slide Pool Wave Pool

Body Style: Plaster Vinyl Fiberglass Rectangular Dimensions: \_\_\_\_’ L x \_\_\_\_’ W x Avg D \_\_\_\_’ x 7.5 = \_\_\_\_\_\_\_\_ Gallons.

Filter media: Sand Cartridge D.E Other \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Round Dimensions: $π x \\_\\_\\_\\_^{2}$x 7.5 = \_\_\_\_\_\_\_\_Gallons.

Required Flow rate = Total Gallons x 5 turnovers per day = \_\_\_\_\_\_\_\_\_\_\_\_ Gallons per day. (GPD) Test Log Present?: **Yes or No**

\_\_\_\_\_\_\_\_\_\_\_\_GPD / 24 hours = \_\_\_\_\_\_\_\_ GPH \_\_\_\_\_\_\_\_GPH / 60 minutes = \_\_\_\_\_\_\_\_ Gallons per minute (GPM)

Maximum Allowed Bather Load Allowed: \_\_\_\_\_\_\_ Bathers (1 bather/ 5 gpm turnover for pool/day) (1 bather/ 10 sq ft of surface area)

# of returns: \_\_\_\_\_\_\_\_\_ # of skimmers \_\_\_\_\_\_\_\_ Brand/Style of skimmers \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

# of main drains \_\_\_\_\_\_\_\_ Brand/Style/Production year of main drain covers \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

# of vacuum lines \_\_\_\_\_\_\_\_ Automatic Cleaner? Pressure side Suction Side Independent Unit None

 # of lights \_\_\_\_\_\_\_\_ Brand/Size/voltage of lights \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

# of Rope Anchors \_\_\_\_\_\_\_ Are wall anchors corrosion resistant and recessed (do not protrude past flush with the wall) **Yes or No**

Is there a thermometer present to check temperature? **Yes or No**

Are there junction boxes located on the deck behind the light fixtures? **Yes or No**

Is/Are the pool light(s) gfci protected? **Yes or No**

Is there a working emergency **LAND LINE** phone located within 200’ of the pool, with a sign next to the phone which gives dialing instructions, the exact location of the pool, the phone number, and other directions to help give guidance to the EMS personnel (tested and verified)? **Yes or No**

Is there a working water spigot within 50’ of all areas of the pool and pool deck? **Yes or No**

Are there written instructions in the pump area to operate the system? **Yes or No**

Is the plumbing labeled to identify flow direction? **Yes or No**

Are MSDS sheets for all chemicals provided visibly and easily accessible in the pump room? **Yes or No**

Is there a well labeled emergency shutoff switch for each body of water? **Yes or No**

Are there at least (2) “No Diving” signs and (2) “No Lifeguard on Duty" signs posted visibly from all areas of the pool deck? **Yes or No**

Is there a “Pool Rules” sign filled out and conspicuously posted? **Yes or No**

Is there a 16’ solid pole with a shepard’s crook through bolted located on the pool deck? **Yes or No**

Is there a 24” life ring, with ¼” – 3/8” thick rope at least 2/3 of the widest width of the pool? **Yes or No**

Does the property have its own basic equipment to maintain the pool? (8-16’ pole, vacuum hose, vac head, skimmer net, nylon bristle brush, test kits capable of checking free chlorine, ph, alkalinity, calcium and cyanuric acid & salt where applicable) **Yes or No**

Is there a log book on site to record chemical readings, temperature readings, chemical dosages added, and record tasks completed and observations made? **Yes or No**

**Pump(s):**

Circulation Pump: Single Spd 2 spd VSP EQ commercial Pump Make/Model/HP \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ SVRS? **Yes or No**

Is the pump DOE Compliant? **Yes or No** External SVRS device installed, tested and operating properly? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Properly Installed and functional Flow Meter working? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Flow Meter reading \_\_\_\_\_\_\_\_\_\_\_GPM

Pump GFCI Protected? **Yes or No** Pump properly electrically Bonded? **Yes or No**

2nd Pump: Single Spd 2 spd VSP EQ commercial Pump Make/Model/HP \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ SVRS? **Yes or No**

Is the pump DOE Compliant? **Yes or No** External SVRS device installed, tested and operating properly? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Properly Installed and functional Flow Meter working? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Flow Meter reading \_\_\_\_\_\_\_\_\_\_\_GPM

Pump GFCI Protected? **Yes or No** Pump properly electrically Bonded? **Yes or No**

3rd Pump: Single Spd 2 spd VSP EQ commercial Pump Make/Model/HP \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ SVRS? **Yes or No**

Is the pump DOE Compliant? **Yes or No** External SVRS device installed, tested and operating properly? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Properly Installed and functional Flow Meter working? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Flow Meter reading \_\_\_\_\_\_\_\_\_\_\_GPM

Pump GFCI Protected? **Yes or No** Pump properly electrically Bonded? **Yes or No**

4th Pump: Single Spd 2 spd VSP EQ commercial Pump Make/Model/HP \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ SVRS? **Yes or No**

Is the pump DOE Compliant? **Yes or No** External SVRS device installed, tested and operating properly? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Properly Installed and functional Flow Meter working? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Flow Meter reading \_\_\_\_\_\_\_\_\_\_\_GPM

Pump GFCI Protected? **Yes or No** Pump properly electrically Bonded? **Yes or No**

**Filter(s)**

Filter #1

 Filter media: Sand Glass Cartridge D.E Other \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Filter Make: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Last time filter media was replaced? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Filter Model:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Flow: Flow through Multiport Manifold Backwash/Drain Line? **Yes or No**

Filtration Area: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Maximum Flow Rate/Sq Ft. \_\_\_\_\_\_\_\_\_GPM Maximum Operating Pressure \_\_\_\_\_\_\_\_\_\_ Psi

\_\_\_\_\_\_\_\_\_\_lbs of sand \_\_\_\_\_\_\_\_\_\_\_ Scoops of D.E \_\_\_\_\_\_\_\_\_\_\_ Filter Elements

Filter #2

 Filter media: Sand Glass Cartridge D.E Other \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Filter Make: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Last time filter media was replaced? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Filter Model:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Flow: Flow through Multiport Manifold Backwash/Drain Line? **Yes or No**

Filtration Area: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Maximum Flow Rate/Sq Ft. \_\_\_\_\_\_\_\_\_GPM Maximum Operating Pressure \_\_\_\_\_\_\_\_\_\_ Psi

\_\_\_\_\_\_\_\_\_\_lbs of sand \_\_\_\_\_\_\_\_\_\_\_ Scoops of D.E \_\_\_\_\_\_\_\_\_\_\_ Filter Elements

Filter #3

 Filter media: Sand Glass Cartridge D.E Other \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Filter Make: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Last time filter media was replaced? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Filter Model:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Flow: Flow through Multiport Manifold Backwash/Drain Line? **Yes or No**

Filtration Area: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Maximum Flow Rate/Sq Ft. \_\_\_\_\_\_\_\_\_GPM Maximum Operating Pressure \_\_\_\_\_\_\_\_\_\_ Psi

\_\_\_\_\_\_\_\_\_\_lbs of sand \_\_\_\_\_\_\_\_\_\_\_ Scoops of D.E \_\_\_\_\_\_\_\_\_\_\_ Filter Elements

Filter #4

Filter media: Sand Glass Cartridge D.E Other \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Filter Make: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Last time filter media was replaced? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Filter Model:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Flow: Flow through Multiport Manifold Backwash/Drain Line? **Yes or No**

Filtration Area: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Maximum Flow Rate/Sq Ft. \_\_\_\_\_\_\_\_\_GPM Maximum Operating Pressure \_\_\_\_\_\_\_\_\_\_ Psi

\_\_\_\_\_\_\_\_\_\_lbs of sand \_\_\_\_\_\_\_\_\_\_\_ Scoops of D.E \_\_\_\_\_\_\_\_\_\_\_ Filter Elements

**Plumbing**

Plumbing sizes (**circle all that apply**): ¼” ½” ¾” 1” 1.25” 1.5” 2” 2.5” 3” 4” 5” 6” 7” 8” 9” 10” 11” 12” 13” 14” 15” 16”

Plumbing Materials (**circle all that apply**): Schedule 40 PVC hard pipe Schedule 80 PVC hard pipe Poly Pipe Copper Pipe

 Hollow Core/Drain Plumbing Schedule 40 Flexible Pipe Other\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Is there a fill line plumbed in? **Yes or No** Fill line size? \_\_\_\_\_\_\_\_ Manual or Auto Fill? \_\_\_\_\_\_\_\_\_\_\_\_

Fill line Material? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Is fill line installed on suction side or pressure side? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Does fill line have a back flow preventer installed if on pressure side? **Yes or No**

Does plumbing use positive sealing valves? **Yes or No** Is there a properly installed flow meter reading accurately? **Yes or No**

Is the system designed to reduce friction losses to a minimum? This means reducing the number of elbows, unnecessary valves, detours, fittings, etc. Are the lines plumbed in a clean direct fashion, maximizing access, serviceability, stability and promoting good flow and fluid dynamics? **Yes or No**

Is the plumbing schedule 40 or schedule 80 pvc “hard pipe” and fittings? “Flex-PVC”, “hollow core” or “drain pipe” fittings are not rated for pool/spa applications. **Yes or No**

**Heating**

Heater #1

Heater Manufacturer \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Heating Method: Natural Gas (ng) Liquid Propane (LP) Electric Heat Pump Solar

Heater Model \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Electric Element Geothermal Hydronic Heat Exchanger Other \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

BTU \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Heater GFCI Protected? **Yes or No** Heater Properly Electrically Bonded? **Yes or No**

Heater Ducting properly installed? **Yes or No** Notes\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Is there a check valve installed AFTER the heater and BEFORE any chemical injections? **Yes or No**

Is the Heater ASME compliant? **Yes or No**

Heater #2

Heater Manufacturer \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Heating Method: Natural Gas (ng) Liquid Propane (LP) Electric Heat Pump Solar

Heater Model \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Electric Element Geothermal Hydronic Heat Exchanger Other \_\_\_\_\_\_\_\_\_\_\_

BTU \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Heater GFCI Protected? **Yes or No** Heater Properly Electrically Bonded? **Yes or No**

Heater Ducting properly installed? **Yes or No** Notes\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Is there a check valve installed AFTER the heater and BEFORE any chemical injections? **Yes or No**

Is the Heater ASME compliant? **Yes or No**

Heater #3

Heater Manufacturer \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Heating Method: Natural Gas (ng) Liquid Propane (LP) Electric Heat Pump Solar

Heater Model \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Electric Element Geothermal Hydronic Heat Exchanger Other \_\_\_\_\_\_\_\_\_\_\_

BTU \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Heater GFCI Protected? **Yes or No** Heater Properly Electrically Bonded? **Yes or No**

Heater Ducting properly installed? **Yes or No** Notes\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Is there a check valve installed AFTER the heater and BEFORE any chemical injections? **Yes or No**

Is the Heater ASME compliant? **Yes or No**

Heater #4

Heater Manufacturer \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Heating Method: Natural Gas (ng) Liquid Propane (LP) Electric Heat Pump Solar

Heater Model \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Electric Element Geothermal Hydronic Heat Exchanger Other \_\_\_\_\_\_\_\_\_\_\_

BTU \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Heater GFCI Protected? **Yes or No** Heater Properly Electrically Bonded? **Yes or No**

Heater Ducting properly installed? **Yes or No** Notes\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Is there a check valve installed AFTER the heater and BEFORE any chemical injections? **Yes or No**

Is the Heater ASME compliant? **Yes or No**

**Electrical**

1. All powered equipment wired to their own circuit breakers, with gfci circuit breakers? **Yes or No**
2. All electrical equipment, as well as metal housings, light niches, handrail/ladder anchors, pool shell all properly bonded? **Yes or No**
3. Outlets and switches are properly sized and rated for their assigned use? **Yes or No**
4. Are electrical connections properly run in liquid tight conduit and fittings? **Yes or No**
5. All equipment is wired correctly and fed with the proper voltage? **Yes or No**
6. Wiring clean organized, and properly supported as required by code? **Yes or No**

**Surface/Finish**

1. Overall condition of the surface (1-10) 1 being “completely failed” and 10 being “new condition”):
2. Surface has a smoothe and even tone and appearance? **Yes or No**
3. Surface has no visible cracking, pitting, chipping, flaking or freeze damage? **Yes or No**
4. Edges of stairs, benches, sun shelves, etc. straight and even? **Yes or No**
5. Visible staining or chemicals burns? **Yes or No**
6. Visible signs of “trowel burn” or overworking plaster around edges? **Yes or No**
7. Visible signs of “mottling” or “hydration” issues during the curing of the plaster? **Yes or No**
8. Visible staining to the surface? **Yes or No** Color?: Blue Green Brown Purple Black Yellow White
9. Waterline tile grout clean and full throughout all joints without any gaps or missing section which allow water behind the tile? **Yes or No**
10. Waterline tile surface is maintaining its intended finish and is not foggy, cracked, or have surface spalding? **Yes or No**
11. Waterline tile is not “popping off” or showing any lack of bonding at any points? **Yes or No**