



AMARILLO AREA PUBLIC HEALTH DISTRICT
 Cities of Amarillo, Canyon, the Villages of Timbercreek
 Canyon, Lake Tanglewood, Palisades, the Town of Bishop
 Hills, and Potter and Randall County
 CITY OF AMARILLO, P. O. Box 1971, Amarillo, TX, 79105-1971

For office use only	
Receipt	
Date Paid	
Permit #	
Mailed	

SWIMMING POOL/SPA/PIWF PLAN REVIEW TO BE COMPLETED BY THE OPERATOR/CONTRACTOR

Plan Review Fee: \$103.00 Per Facility

Date:	Opening Date:
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Submission and Review of Plans:

Prior to operating a public or semi-public recreational body of water, extensively remodeling an existing recreational body of water, or a change to the ownership of a recreational body of water, the owner/operator shall submit existing plans or new plans and specifications for construction or remodeling to the Environmental Health Department, as well as the Building Safety Department for review. This plan review, fully completed, and one set of plans must be submitted before Environmental Health Staff will approve or deny. Failure to include all requested material will delay the processing of your request. After plans are approved, and construction is deemed complete, the owner/operator must apply for an operational permit and pass inspection by an Environmental Health officer prior to opening the pool to patrons.

Facility Name:		Owner:	
Phone:		Manager Phone:	
Physical Address:		Mailing Address	
Email:			
Contractor Name:		Contractor Phone:	
Type:	Outdoor Indoor	Pool to Operate:	Seasonally (9mo) Annually (12mo)

Indicate the type of Units to be permitted. See definitions

<input type="checkbox"/> Class A (Competitive/Recreational)	<input type="checkbox"/> Class D (Wading)
<input type="checkbox"/> Class B (Recreational)	<input type="checkbox"/> Therapeutic Pool/Spa
<input type="checkbox"/> Class C (Semi-public)	<input type="checkbox"/> Public Interactive Water Feature

Definitions:

- **Class A Pool:** Any pool used, with or without a fee, for accredited competitive aquatic events. A Class A pool may be used for recreation.
- **Class B Pool:** Any pool used for public recreation and open to the general public with or without a fee.
- **Class C Pool:** Any pool operated for and in conjunction with lodging such as hotels, motels, apartments, condominiums, or mobile home parks; property owners' associations, private organizations or clubs; a school, college, or university while being operated for academic or continuing education classes. The use of such a pool would be open to occupants, members or students, etc. and their guests, but not open to the public.
- **Class D Pool:** A wading pool with a maximum depth of two (2) feet at any point.
- **Therapeutic Pool/Spa:** Operated exclusively for therapeutic purposes, such as physical therapy, and is under the direct supervision and control of licensed medical personnel.
- **Spa:** A constructed permanent or portable structure that is 2 feet or more in depth and that has a surface area of 250 square feet or less or a volume of 3,250 gallons or less and that is intended to be used for bathing or other recreational uses and is not drained and refilled after each use. It may include, but is not limited to, hydrojet circulation, hot or cold water, mineral baths, air induction bubbles, or any combination thereof.
- **Public Interactive Water Feature and Fountain:** Any indoor or outdoor installation maintained for public recreation that includes water sprays, dancing water jets, waterfalls, dumping buckets, or shooting water cannons in various arrays for the purpose of wetting the persons playing in the spray streams.

For each body of water please complete the following information. For additional units, print and complete additional copies of this page.

Pool Volume:		Dimensions (length x width):	
Turnover Rate:		Minimum and Maximum Depths:	
Number of Return Inlets:		Number of Skimmers:	
Number of Main Drains:		If Dual Drains- Hydraulically balanced?:	
Make/Model of Drain Cover:		Diameter of Drain Cover	
Pipe Diameter and Strength:		Drains VGB Compliant?	
Pump Model:		Pump Total Horsepower:	
Filter Model:		Filtration Area (sq. ft):	
Filtration Rate/Flow Rate:		Heater Model and Capacity:	
Disinfectant to be used:		Chemical Feeder:	

Where will chemicals be securely stored? _____

How will the unit be filled? _____

If pool is auto-filled is there an Air gap or RPZ? _____

Reduced Pressure Zone Assembly inspected and TCEQ report on site? _____

Will waste water be discharged to a sanitary sewer with an air gap? _____

Does the pool require additional safety equipment (SVRD)? _____

Will a salt cell generator or automatic feed system be used? If so please provide additional information. _____

Heater over 200,000 Btus registered with TDLR? _____

Do you currently have a Certified Pool Technician/Operator? _____

Name and Certification Expiration: _____

For PIWFs built after May 1st, 2010 please indicate your secondary disinfection:

Plans must include the following:

- Plan of entire project site (Bird's eye view showing location of units on property)
- Plot plan, deck detail, and pool enclosure (including gate and fence detail)
- Pump room layout
- Plumbing detail including gauges, pipe diameter, direction of flow, etc.
- Pool/spa structure details
 - Depth markers -locations and font sizes
 - Lights
 - Skimmers
 - Coping
 - Fill line and/or applicable hose bibs
 - Return inlets
- Equipment list including manufacturers specifications for all equipment
- Safety equipment location and description
- Detailed description of signs including necessary warnings and font sizes
- Location of Emergency phone
- Enclosure height and type (please include a drawing or picture with all dimensions of fence spacing)
- Latch type and height
- Information regarding how the pool will be maintained during the off season *OUTDOOR POOLS ONLY*

Equipment List and Manufacturer Specifications

Drain Cover: _____ (Required for all pools)

Make/Model

- Max flow rate (floor): _____
- VGB Compliant? _____
- Life: _____
- Last replaced: _____
- Pool must be closed any time the drain cover is expired, loose, or broken.
- Other instructions: _____

SVRD: _____ Required? (All pre-'99 pools with a single main drain)

Make/Model

- Where to install: _____
- Required distance from pump: _____
- Maximum allowable running vacuum level: _____
- Testing frequency: _____
- How to test: _____
- Winterizing (seasonal only): _____

- Other instructions: _____

Vacuum Gauge: _____ (Required for all pools)
Make/Model

- Must be installed before the pump.
- Other instructions: _____

Pump: _____ (Required for all pools)
Make/Model

- Service Factor (SF): _____
 - This is the maximum overload the motor can handle.
- Horsepower (HP): _____
 - This is the maximum allowable loading, or total horsepower (THP).
- Frame size (FR): _____
- Speed (RPM): _____
- Voltage: _____
 - Must match the voltage of the electrical supply
- Winterizing (seasonal only): _____

- Other instructions: _____

Pressure Gauge: _____ (Required for all pools)
Make

- Two pressure gauges required, one influent and one effluent.
- When to backwash filter? _____

Dual-adjustable Dial (May be used instead of two pressure gauges)

- This equipment is used to determine when it's time to backwash the filter. After backwashing the filter, align the "START" arrow with the pressure indicator needle. As the pool is used and debris and bacteria build up in the filter, the filter will increase in pressure, as indicated on the pressure gauge. As pressure increases the needle will move closer to the "CLEAN FILTER" arrow. Once the needle is pointing to the "CLEAN FILTER" arrow it is time to backwash the filter. After backwashing the pressure indicator needle should return to the "START" position.

Filter: _____ (Required for all pools)
Make/Model

- Filter type (circle one): **Sand** **Cartridge** **DE**
- Filtration flow rate: _____
- Minimum working pressure: _____
- Maximum working pressure: _____
- Sand Filters only
 - Media requirements: _____
 - When to replace media: _____
- Cartridge Filters only
 - When to clean cartridge filter element: _____

- DE Filters only

- How to prepare Diatomite: _____

- When to clean filter: _____

- When to replace media: _____

- Winterizing (seasonal only): _____

- Other instructions: _____

Flow Meter: _____ (Required for all pools)
Make/Model

- Mounting position: _____
- Required pipe size and strength: _____
- Working flow range for pipe size and strength: _____

- The following sign is required within the area of any filters: "DO NOT START THE SYSTEM AFTER MAINTENANCE WITHOUT FIRST PROPERLY REASSEMBLING THE FILTER AND SEPARATION TANK AND OPENING ALL AIR RELEASE VALVES."

- Other instructions: _____

Heater: _____ (Not required)
Make/Model

- BTU rating: _____
- If over 200,000 BTU, TDLR registration #: _____
- Temperature setting: _____
- Winterizing (seasonal only): _____

- Other instructions: _____

Chemical Feeder: _____ (Required for all pools)
Make/Model

- Disinfectant to be used: **Chlorine** **Bromine**
- How to fill: _____
- Legal disinfectant ranges:
 - Chlorine Spa: 2-8 ppm
 - Chlorine Pool: 1-8 ppm
 - Bromine Spa: 4-10 ppm
 - Bromine Pool: 3-10 ppm
- Pool must be closed any time residuals are not within the required range or any time residuals are not tested as required.
- Where to install: _____
- Winterizing (seasonal only): _____

- Other instructions: _____

Secondary Disinfectant: _____ Required? (Public Interactive Water Features)
Make/Model

- Type of disinfectant: **UV** **Ozone** **AOP**
- Installation location: _____
- Required or max flow rate: _____
- Power requirements: _____

- UV
 - When to replace lamp: _____
 - How to dispose of UV lamps: _____
 - Max operating pressure: _____

- Ozone
 - When to replace module: _____
 - When to replace tube: _____

- AOP
 - When to replace module: _____

- Use of all PIWFs must cease any time secondary disinfectant is not functional or is outside of manufacturer's requirements.

- Winterizing (seasonal only): _____

- Other instructions: _____

- ❖ Always follow manufacturer's instructions.
- ❖ Contact our office for any change of equipment that is not a direct replacement of the equipment already installed, or of any remodeling or construction on the pool or in the pump room.
- ❖ All electrical equipment must be grounded.
- ❖ All outlets inside the pool yard and inside the pump room must be equipped with GFCI.
- ❖ Pipes must be labeled with direction and functionality.
- ❖ Pool or hot tub lights must be labeled in the breaker box and GFCI equipped.

If you have any questions, please contact me at madison.harrison@amarillo.gov or (806) 673-0208.

I hereby certify that the above information is correct, and I fully understand that any deviation from the approved plans without prior permission from City of Amarillo Developmental Services Office may nullify final approval.

Name: _____

Phone number: _____

Email: _____

Signature: _____

Owner(s) or responsible representative(s)

Approval of these plans and specifications by this Regulatory Authority does not indicate compliance with any other code, law or regulation that may be required by federal, state or local government. It further does not constitute endorsement or acceptance of the completed establishment (structure or equipment). A pre-opening inspection of the establishment with equipment in place and operational will be necessary to determine if it complies with the local and state laws governing recreational water facilities.