



ENVIRONMENTAL HEALTH

633 Walnut Street, P.O. Box 60 Abilene, TX 79604-0060 OFFICE: 325-437-4590 FAX: 325-676-6289

Swimming Pool Plan Application INCLUDING WADING, THERAPY, SPA, AND PIWF

☐ New Pool ☐ Existing Pool

Pool Project Information

Pool Project Name _____

Project Street Address _____

City _____ State _____ ZIP _____

Types of Pools: (Indicate number of each) ___ Swimming Pool ___ Wading ___ Therapy ___ Spa ___ PIWF ___

Water Supply: ☐ Public ☐ Private **Sewage Disposal:** ☐ Septic If Septic, what is OSSF Number? _____

Pool Class: ☐ A ☐ B ☐ C ☐ D

If New, Engineering Project Number? _____

If Existing, when was each pool type built? _____

What type of facility will the pool be located in/at? _____

Pool Owner Information

Project Owner Name _____

Address _____ ZIP _____

Email _____ Contact Phone _____

Project Designer/ Submitter Information (New Pool Only)

Project Designer Name _____

Address _____ ZIP _____

Email _____ Contact Phone _____



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Pool Builder/Submitter Information (New Pool Only)

Pool Builder Name _____
Address _____ ZIP _____
Email _____ Contact Phone _____
License Number: _____
Total Square Footage of Facility? _____

Certified Pool Operator Information

Certified Pool Operator Name _____
Address _____ ZIP _____
Email _____ Contact Phone _____
Certified Pool Operator Number _____

Drain Cover Expiration Dates _____

STATEMENT: *I certify that the information provided within this application is accurate. I understand that multiple inspections of the facility may be required and that if the facility is not in compliance with Texas Administrative Code (TAC) Title 25 and City of Abilene Regulations, an operational permit will not be issued. Approval of these plans and specification does not indicate compliance with any other code, law, or regulation that may be required (i.e., federal, state, or local).*

Signature: _____ **Date:** _____

(Pool Project Owner)



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Plan Review Checklist for Public Swimming Pools and Spas

Definitions:

- ☐ Class A pool – Any pool used, with or without a fee, for accredited competitive aquatic events. A “Class A” – competition 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 lodgings such as hotels, motels, apartments, condominiums, mobile home parks, property owners’ associations, clubs, etc. or a school, college or university while being operated for academic or continuing education classes or clubs or practice events (excluding competition events). The use of such a pool would be open to occupants, members or students, etc. and their guests but not open to the general public.
- ☐ Class D pool – A splasher pool with a maximum water depth of 36 inches at any point or wading pool with a maximum depth of two feet at any point.
- ☐ Spa – A constructed permanent or portable structure that is two feet or more in depth, that has a surface area of 250 square feet or less, or a volume of 3250 gallons or less which 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, hydro-jet circulation, hot water, cold water, mineral baths, air induction bubbles, or any combination thereof.

The attached requirements represent minimal health code requirements, and are not considered all-inclusive of all requirements.

A new facility shall be required to meet the applicable construction standard that is most restrictive to its use.

All State and Local requirements must be met before a health permit is issued for operation.

Any alteration of plans may result in non-compliance.

Submission and Review of Plans:

___Prior to beginning the construction of a new public swimming pool/spa or the extensive remodeling of an existing public swimming pool/spa, the owner shall submit plans and specifications for such construction or remodeling for review.

___The plans and specifications must indicate the following:



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1. Plan of entire project site/tract map
2. Plot plan, deck detail and pool enclosure (including gate detail and fence panels)
3. Plumbing detail including gauges and pipe diameter etc.
4. Pool/Spa structure details
 - a. depth markers
 - b. lights
 - c. skimmers
 - d. coping
 - e. fill line and/or applicable hose bibs
5. Equipment list (including make and model number)
6. Safety equipment and signs

___The plans and specifications for pools with diving or jumping rocks or ledges must be designed by a licensed engineer or licensed architect.

Water Supply:

___A connection shall be made to a public water system or approved individual source that meets the requirements of the **TCEQ**.

Plumbing/ Electrical Work/ Mechanical Facilities & Structures:

___All plumbing, electrical work, mechanical facilities, and structures for the public swimming pool and spa shall meet or exceed all applicable requirements.

Fencing:

___Pool Yard Enclosures for specific requirements regarding the separate Classes of pools. All pools/spas are required to:

1. Have gates/openings that open outward away from the pool or spa except where prohibited by the fire code.
2. Prohibit climbing structures or planters that may allow children to climb the fence to be within 36 horizontal inches of the exterior of the fence.
3. Maintain the pool enclosure free of gaps greater than 4" in diameter between the vertical members, and between the horizontal members used near the deck or walkway on the exterior of the fence.
4. Maintain the gates to close and latch from its fully open position to a position where the gate is open six inches from the fully closed position.

Storage of Pool/Spa Chemicals:

___Disinfection or other chemicals and feed equipment shall be stored in such a manner that pool and spa users shall not have access to such facilities and/or chemicals.

___Dry chemicals shall be stored off the floor in a dry, above ground level room and protected against flooding, or wetting.



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___Storage of pool chemicals must also meet or exceed all applicable requirements.

Recirculation:

___Capacity of pool/spa in gallons _____.

___Surface area of pool/spa _____.

___Turnover rate for pool/spa is _____ gallons/minute. The volume of the pool (gallons) divided by the turnover rate (gallons/ minute) shall be no greater than 6 hours. The volume of the spa (gallons) divided by the turnover rate (gallons/ minute) shall be no greater than 30 minutes.

___At least one surface skimmer shall be provided for each 500 square feet of the water surface area or fraction thereof. Minimum number of required skimmers _____.

Number of skimmers on the plan _____. Gutter system is exempt.

___ At least one return inlet is required for every 300 square feet of surface area or fraction thereof. Minimum number of return inlets required _____. Number of return inlets on the plan _____.

___A flow measuring device shall be properly installed per manufacturer directions on the recirculation system of the pool or spa.

___Main drains shall be hydraulically balanced and equipped with a main drain sump and an A112 approved grate or drain cover. Drains that are 24 inches diagonally are exempt from the A112 approved cover requirement.

Disinfection:

___The Texas Department of Health must first approve any disinfectant or process used to sanitize pool water other than chlorine and bromine.

Safety Equipment:

___A backboard shall be provided at any facility that has a slide or diving board.

Pool Operator's Certification:

___Public Pools shall be maintained under the supervision of a properly trained and certified operator. A certificate for a Certified Pool Operator, Aquatic Facility Operator or a Pool Operator on location or its equivalent is required.

___Upon completion of construction of any pool or spa, the builder and/or designer shall provide the manager and operators complete written and oral operational instructions for the pool or spa.



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References:

25 TAC 265, Subchapter L
25 TAC 265, Subchapter M

Code of Ordinances, City of Abilene
Chapter 13 Article VI, Sections 13-80 through 13-86 (Ordinance No. 55-2023)
Chapter 8 Article VI, Division 12 “Swimming Pool and Spa Code” Section 8-620