

Temporary/Seasonal Aquatic Venue Submission Instructions

Southern Nevada Health District 2018 Aquatic Facility Regulations, section 2-101, states that no person shall construct an aquatic venue without submitting plans and applications to the health authority for review and approval. **Submission and approval must occur prior to the start of such work.**

The Temporary/Seasonal Aquatic Venue submittal packet must include the following **(will be reviewed for completion upon submittal)**:

- Signed Submission Instructions
- Temporary Event/Seasonal Aquatic Venue Health Permit Application (required for intake scheduling)
- Temporary Event/Seasonal Aquatic Venue Staffing Information
- A signed permission letter from the property owner allowing use of the property for the event
- All required construction plans, operational/staffing plans, specifications, and equipment information (per Aquatic Venue)

Instructions for Submission:

- Submission must occur at least 90 days in advance of the event start date
- Once the Health Permit Application is received, an intake meeting will be scheduled for the project. During this meeting, the temporary event review process and operational requirements will be discussed, and the submitted documentation will be reviewed for completeness. All documentation must be received prior to the intake date.
- All materials, details, equipment information, specifications, and any other required information must be provided in the submission documentation
- Submission of incomplete documentation will be rejected and will require an additional intake to be scheduled. Incomplete submittals will result in project delays and additional fees may apply
- Applications, specifications, and additional documentation may be submitted electronically to aquatic@snhd.org

Fees:

- All fees must be paid at the time of submission. The plan review will not begin until all appropriate fees have been paid. Changes in design, corrections to plans, missed appointments, etc., will result in additional fees.
- A re-inspection fee will be applied for all failed inspections
- Fees may be assessed when additional services are required, including but not limited to lighting inspections, partial plumbing inspections, or other requested field inspections
- Inspection cancellations must be made at least two hours prior to the scheduled inspection to avoid additional fees

Review and Approval of Plans:

The Health Authority shall provide a written response to the owner or owner's representative upon completion of the review indicating approval or disapproval of the plans. In the case of disapproval, specific reasons will be given with procedures for resubmittal.

Undisclosed design or operational characteristics on the plans and/or applications do not constitute approval of such mistakes or omissions. Proper development of the project is the responsibility of the contractor, design professional, and the various parties involved in the project.

*Note: Approval of plans by SNHD does not constitute approval of, nor provide relief from, any requirements of local, state, or federal jurisdictions. It is the responsibility of the permit holder to ensure that the requirements



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of all applicable regulations, ordinances, codes, or laws are met. SNHD approval is required prior to the start of construction.

Construction Inspections:

Any required construction inspections are scheduled on a “first come, first served basis”, and are according to assigned inspector availability.

The owner or owner’s representative must contact the assigned inspector at least 3 business days in advance of the desired inspection date to schedule the inspections. Inspection cancellations must be made at least 2 hours prior to the scheduled inspection to avoid additional fees.

Some construction may require additional plumbing inspections, such as partial-plumbing inspections, depending on the size or complexity of the plumbing design. An area lighting inspection is required for events operating after dark. Fees assessed for individual inspections may apply.

Final Inspection:

The final inspection can be conducted after all work on the project is completed and the facility is ready to operate. The owner or owner’s representative must contact the assigned inspector to schedule the inspection at least 3 business days in advance of the desired inspection date. Inspections will be scheduled according to inspector availability.

A re-inspection fee will be applied for all failed inspections, and the facility will not be released to operate until the final inspection has been passed. Inspection cancellations must be made at least 2 hours prior to the scheduled inspection to avoid additional fees.

I, the undersigned, as a representative of the permit holder/applicant, understand and agree to be held to the conditions/responsibilities as provided in this document:

Name, Print: _____ Signature: _____

Title: _____ Company: _____

Date: _____ Name of Event: _____

Aquatic Venue Minimum Construction Requirements Handout

Per SNHD Aquatic Facility Regulations Section 2-102, all submittals for aquatic venues shall include, at minimum, the following information. If information is incomplete or not provided, a resubmission will be required, and the plan review process will be delayed.

☐ Detailed scaled and dimensional drawings of the AQUATIC VENUE including:

- Area plan and layout plan showing location of AQUATIC VENUE within the AQUATIC FACILITY along with dimensioned longitudinal and transverse cross sections of the AQUATIC VENUE
- Surface materials
- Location and type of:
 - INLETS;
 - Overflows;
 - Gravity drains;
 - Suction outlets;
 - Overflow gutters or devices;
 - Piping;
 - Designed AQUATIC VENUE water elevation;
 - AQUATIC FEATURES such as ladders, stairs, diving boards, SLIDES, and play features; 15
 - Area Lighting/Photometric;
 - AQUATIC VENUE markings;

☐ Detailed scaled and dimensional drawings of the AQUATIC FACILITY, including location and type of:

- Site Plan showing location of the AQUATIC FACILITY
- Design of DECK (including drains), curb, or walls enclosing the AQUATIC VENUE;
- Paved walkways and other hardscape features;
- AQUATIC FACILITY area finishes including all flooring and DECK materials;
- Drinking fountains or other sources of drinking water;
- Entries and exits;
- Hose bibs;
- ENCLOSURES;
- Telephones;
- A schematic layout of the AQUATIC VENUE EQUIPMENT ROOM or area showing accessibility for installation and maintenance.
- A schematic layout of the AQUATIC FACILITY CHEMICAL STORAGE SPACE(s).
- Location and number of all available HYGIENE FACILITIES provided including dressing rooms, lockers and basket storage, SHOWERS, lavatories, and toilet fixtures.
- Area lighting/photometric

☐ A complete equipment list including technical specifications and a flow diagram showing the location, plan, elevation, and schematics of:

- Filters;
- Pumps;
- Chemical feeders and interlocks;
- Chemical controllers and interlocks;
- SECONDARY DISINFECTION SYSTEMS, if required;
- SUPPLEMENTARY DISINFECTION SYSTEMS, if installed;
- Ventilation devices or AIR HANDLING SYSTEMS;
- Heaters;
- Surge tanks, including operating levels;
- BACKFLOW prevention assemblies and air gaps;
- Valves;
- Piping;
- Flow meters;
- Gauges;
- Thermometers;
- Test cocks;
- Sight glasses; and
- Drainage system for the disposal of AQUATIC VENUE water and filter wastewater

☐ Technical specifications for the construction of each AQUATIC VENUE and all appurtenances shall accompany the drawings for the AQUATIC FACILITY plans and shall include:

- All water sources
- Water surface area and volume of each AQUATIC VENUE and associated water features, as applicable.
- Detailed information on the type, size, operating characteristics, and rating of all mechanical and electrical equipment;

- Pump curves that demonstrate that the selected recirculation pump(s) are adequate for the calculated required flows.
- The THEORETICAL PEAK OCCUPANCY
 - The THEORETICAL PEAK OCCUPANCY shall be calculated by dividing the surface area in square feet of the AQUATIC VENUE by the density factor (D) for the specific AQUATIC VENUE being considered. The THEORETICAL PEAK OCCUPANCY for an AQUATIC FACILITY shall be determined by adding the calculations for each AQUATIC VENUE in the AQUATIC FACILITY.

THEORETICAL PEAK OCCUPANCY = AQUATIC VENUE surface area / D

The density factors (D) are: Water/BATHER-related:	
1) SHALLOW WATER FLAT WATER density factor = 10 ft ² per BATHER.	
2) DEEP WATER FLAT WATER density factor = 20 ft ² per BATHER.	
3) AGITATED WATER density factor = 15 ft ² per BATHER.	
4) HOT WATER density factor = 10 ft ² per BATHER.	
5) WATERSLIDE LANDING POOL density factor = manufacturer-established capacity at any given time.	
6) INTERACTIVE WATER PLAY water density factor = 10 ft ² per BATHER on surface.	

☐The technical specifications for each AQUATIC VENUE shall include the recirculation rate, TURNOVER time, filter media, each piece of equipment, safety equipment, and any other additional information related to the project requested by the HEALTH AUTHORITY for the purposes of the construction of the AQUATIC FACILITY, each AQUATIC VENUE and all appurtenances.

☐Lifeguard Staffing Plan, including diagrammed zones of bather surveillance and identification of zones, description of methods used for maintaining coverage during lifeguard rotation, staffing rotation schedule which provides alternation of tasks, and lifeguard supervision protocols.

☐Security/operational plans, including event security details, a description of methods of controlling access, staff rotation information, etc.