

# Aquatic Health Industry Meeting

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# Agenda

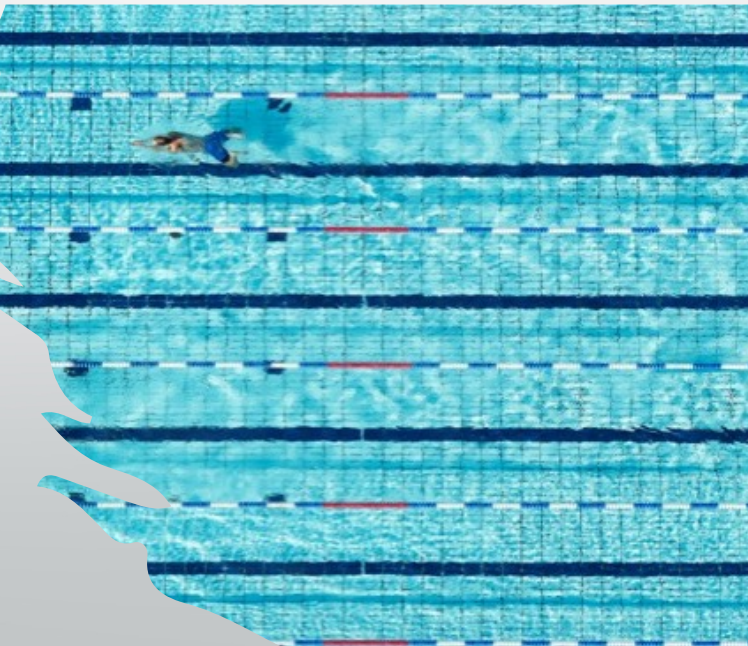
Regulation Requirements

Policy Updates

Discussion Topics

Upcoming Meetings

Q & A



# Service Frequency & Daily Safety Checklist

**4-301.3** QUALIFIED OPERATORS shall monitor the AQUATIC VENUE weekly during the off season, a minimum of three (3) times per week during the peak season, or more often as necessary to maintain compliance with these Regulations.

**4-401.3** Safety and Maintenance Inspection and Recordkeeping **(A)** The QUALIFIED OPERATOR or RESPONSIBLE PERSON shall ensure a daily AQUATIC FACILITY preventive maintenance inspection is done before opening :



## AQUATIC VENUE MAINTENANCE LOG

OPERATOR/SERVICE COMPANY:

FACILITY:

OPERATOR/SERVICE COMPANY PHONE #:

AQUATIC VENUE:

WATER VOLUME (GALLONS):

MINIMUM REQUIRED FLOW (GPM):

MAXIMUM FILTER FLOW (GPM):

DATE	WATER TESTS					RECIRCULATION/FILTRATION SYSTEM					REMARKS	
MONTH: _____ YEAR: _____	DISINFECTANT RESIDUAL	pH	TOTAL ALKALINITY	CYANURIC ACID	WATER TEMPERATURE	MICROBIOLOGICAL TESTING (TIME/RESULT)	PUMP PRESSURE GAUGE (PSI)	PUMP VACUUM GAUGE (inHg)	FLOW METER (GPM)	FILTER PRESSURE GAUGE (PSI)	TIME OF BACKWASH	ATTENDANCE
1												
2												
3												
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## SNHD SAFETY AND MAINTENANCE INSPECTION AND RECORDKEEPING CHECKLIST

Year:	Month:	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
1.	'Enclosures, gates, and self-latching or other locks are tested, intact, and functioning properly, and enclosures do not have nearby furniture to encourage climbing																															
2.	'Drain covers, vacuum fitting covers, skimmer equalizer covers, and any other suction outlet covers are in place, secure, and unbroken																															
3.	'Water clarity is acceptable such that the bottom and objects in the aquatic venue are clearly visible																															
4.	'Disinfectant is present and water chemistry is compliant with the Aquatic Facility Regulations																															
5.	'Depth markers are legible and in good repair																															
6.	'Recirculation and disinfection systems, controller(s), and probes are operating as required																															
7.	'Monthly tests of GFCI devices and emergency phone																															
8.	'Underwater lights and other lighting are intact with no exposed wires or water in lights																															
9.	'Safety and lifesaving equipment required by the Aquatic Facility Regulations are in place and in good repair, including emergency instructions and phone numbers																															
10.	'Lifeguards and certifications are present, and coverage is sufficient (when required)																															
11.	Inlet and return covers and any other fittings are in place, secure, and unbroken																															
12.	Secondary and/or supplemental disinfection systems are operating as required																															
13.	Entrapment prevention systems are operational																															
14.	Slime and biofilm has been removed from accessible surfaces of aquatic venues, slides, and other aquatic features																															
15.	Doors to nonpublic areas (chemical storage spaces, offices, etc.) are locked																															
16.	First aid supplies are stocked																															
17.	Emergency communication equipment and systems are operational																															
18.	Fecal/vomit/blood incident contamination response protocols, materials, and equipment are available																															
19.	Water features and amenities are functioning in accordance with the manufacturer's recommendations																															
20.	Walkways, decks, and exits are clear, clean, and free of debris																															
21.	Drinking fountains are clean and in functional condition																															
22.	Electrical devices are in good working condition and meet NEC requirements																															
23.	Alarms, if required, are tested and functioning properly																															
24.	Skimmer baskets, weirs, lids, flow adjusters, and suction outlet covers are free of any blockage																															
25.	Safety warning signs and other signage are in place and in good repair																															
26.	Bonding conductors inspected every six months																															

Date:

\*If any of the conditions outlined in Section 5-601 of the SNHD Aquatic Facility Regulations are found, facility must close aquatic venue immediately until appropriate repairs can be made by certified personnel.

Safety and Maintenance Inspection Checklist and AV Maintenance Logs can be found under Aquatic Health – Resources on SNHD website [here](#)

# What should be checked daily?

Enclosures and gates

Suction outlet covers

The aquatic venue bottom is clearly visible

Adequate water chemistry

Depth markers

Recirculation and disinfection systems

Underwater lights

Safety equipment

Lifeguards and certifications are present, coverage is sufficient

Inlet and return covers

Secondary and/or supplemental disinfection systems

Entrapment prevention systems

Check for slime and biofilm

Nonpublic areas inaccessible

First aid and Hygiene facility supplies are stocked

Emergency communication systems are operational

Contamination response in place

Water features & amenities

Walkways, decks, and exits are clear

Drinking fountains

Electrical devices

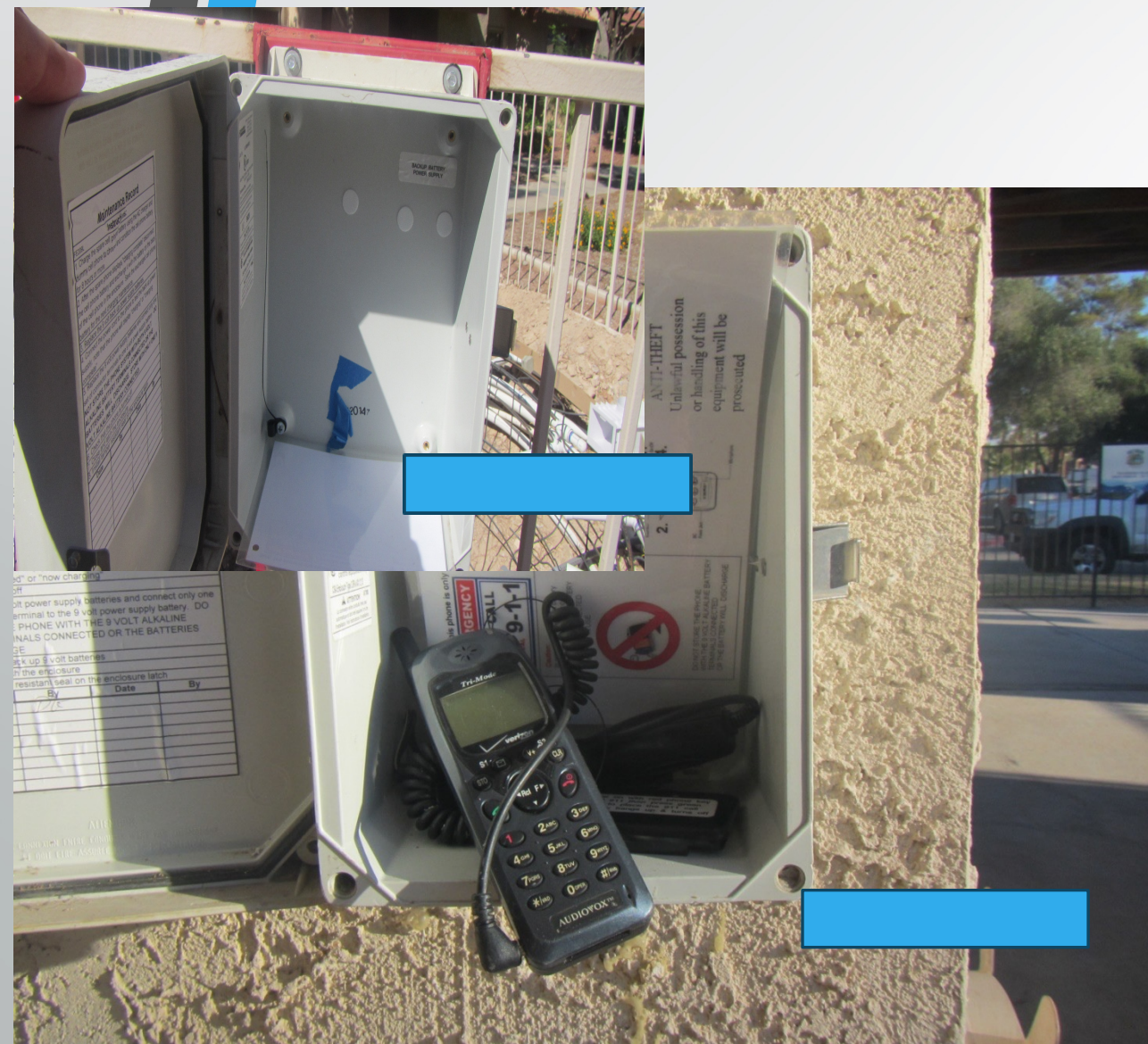
Alarms

Skimmers

Signage in place



## Unacceptable Emergency Phones



## Acceptable Emergency Phone

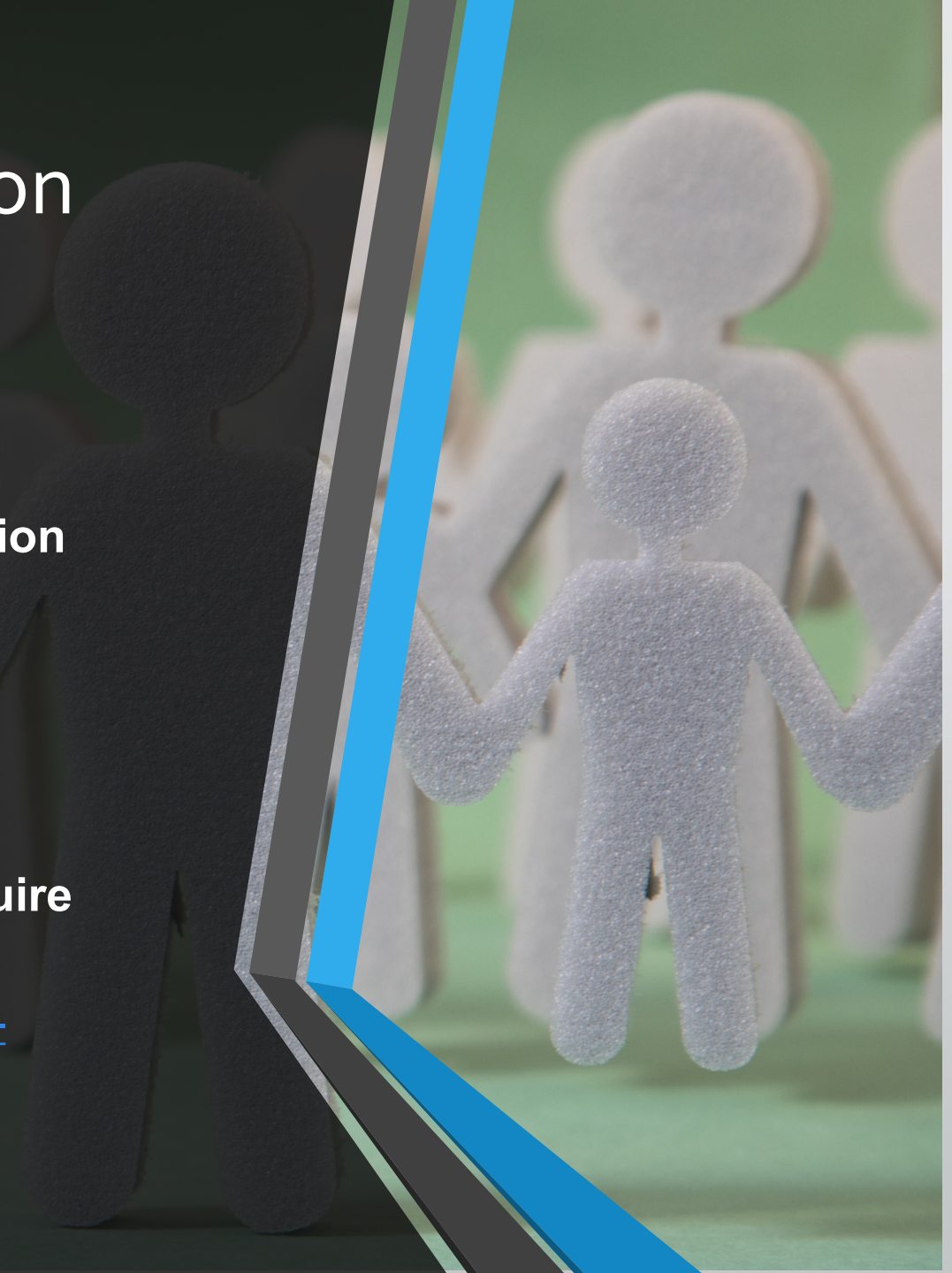




# 2018 Aquatic Facility Regulation Requirements

- **3-603.2 (A) requires safety equipment**
  - **(1) A functional telephone or other communication system or device that is hard wired capable of directly dialing 911.**
  - **(2) The telephone must always be accessible to bathers and easily reachable immediately.**
  - **(3) Alternate functional systems, devices, or communication processes are allowed and require an approved waiver.**

<https://www.southernnevadahealthdistrict.org/permits-and-regulations/aquatic-health-program/waivers/>





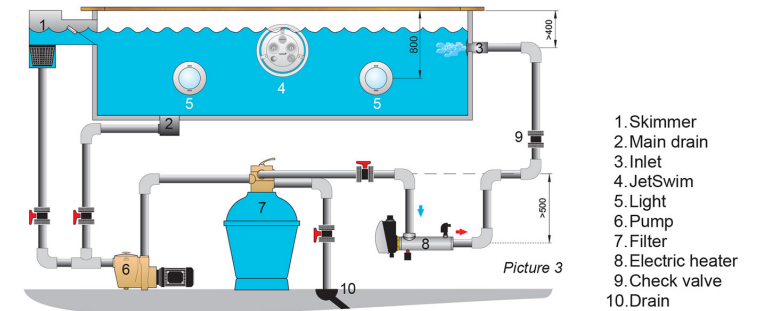
# Open into the Enclosure

- Doors must self-close and self-latch at all open positions.
- Windows do not open more than 4 inches.
- Installed permanent locking device is not easily removed by the public



# Recirculation System

- All components of the recirculation system shall be kept in continuous operation.
- When a venue is closed, the flow can be reduced no more than 50 percent lower than the minimum flow.
- The aquatic venue must meet all applicable criteria of these Regulations before reopening.





# Policy Update

- If an Imminent Health Hazard (IHH) is found during an inspection, but
  - The IHH can be corrected AND
  - The fee can be paid
- BEFORE the inspection ends, the assessed fee will be reduced to \$304 and the venue can be opened immediately.
- If one or both of these steps cannot be completed before the SNHD inspector has finished the inspection, the venue will remain closed and the assessed fee will be \$909.





# Off-Season Projects

- Winter is an ideal time for projects because there are fewer complaints about closures when it's cold.
- Drain covers
  - Plan Review meeting 11/02/23
- Interior repairs/replacements
- Equipment service/replacements
  - Plan Review may be needed

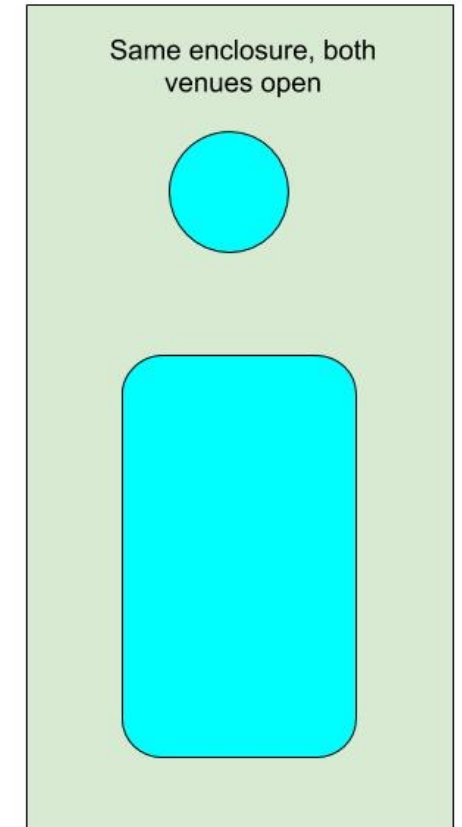
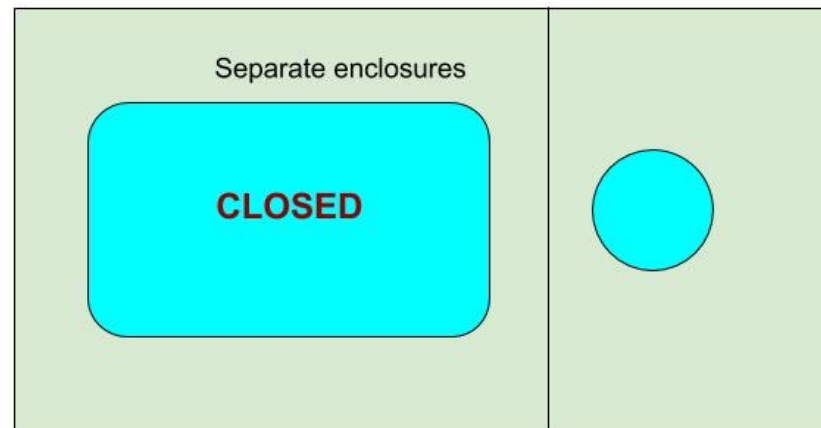




# Is it open or closed?

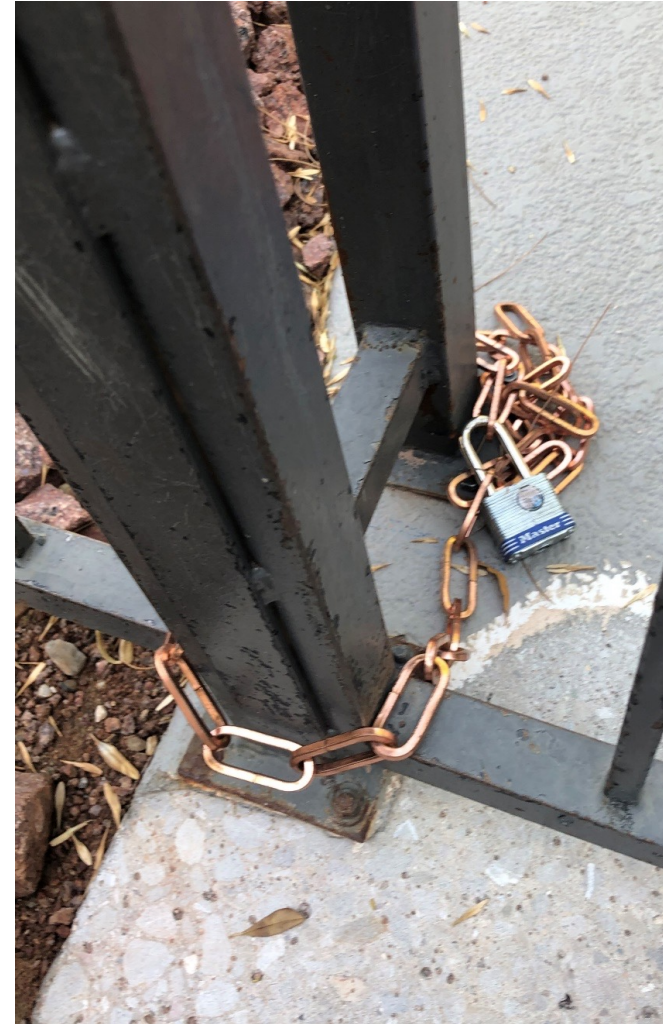
It is common for a facility to want a spa OPEN while the pool is thought of as closed.

If more than one venue is inside the same enclosure, and that enclosure is accessible to bathers, **ALL venues are considered OPEN.**



# Closure Procedures

- “Management Closed” means bathers cannot access the venue, i.e., closed signs are posted AND all gates and doors are chained and padlocked, deadbolted, etc.
- Nuisance conditions cannot develop, water must be maintained clear






# Next Industry meeting

- November 2, 2023 @ 2:30pm
- Red Rock conference room
- Virtual
  - Register at our website [Aquatic Industry Outreach Meetings and Trainings – Southern Nevada Health District](#)







The way to get started  
is to quit talking and  
begin doing.

Walt Disney

Questions???





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