## COMPARISON OF

## $\underline{\mathsf{PROPOSED}}\ 2017\ \textbf{\textit{SOUTHERN NEVADA HEALTH DISTRICT AQUATIC FACILITY REGULATIONS}}, \mathbf{PURPOSE}\ \mathbf{AND}\ \mathbf{DEFINITIONS}$

and

CURRENT - NEVADA ADMINISTRATIVE CODE or REGULATIONS GOVERNING CERTIFICATION OF SWIMMING POOL SERVICE COMPANIES, TECHNICIANS, TECHNICIAN APPRENTICES, AND POOL OPERATORS

PROPOSED 2017 SOUTHERN NEVADA HEALTH DISTRICT AQUATIC FACILITY REGULATIONS  WHEREAS, the Southern Nevada Health District is a public health authority organized pursuant to Nevada Revised Statutes, Chapter 439 with jurisdiction over all public health matters within Clark County, Nevada; and WHEREAS, the Southern Nevada District Board of Health (Board) is the Southern Nevada	CURRENT - NEVADA ADMINISTRATIVE CODE 444  This statement is not found in the NAC	TYPE OF OR REASON FOR CHANGE  Not applicable to state code – Required for all local Regulations
Health District's governing body, and is authorized to adopt regulations to protect and promote public health and safety in the interests of public health in the geographical area subject to its jurisdiction; and  WHEREAS, in accordance with the authority granted pursuant to Nevada Revised Statutes Chapter 439 and Chapter 444, the Board hereby adopts regulations to attain uniform, minimum standards for the operation and maintenance of public swimming pools, spas, natural bathing places, and other public aquatic venues and facilities in Clark County, Nevada, and to assure a clean, healthful, and safe environment for all bathers using these pools; and  WHEREAS, these Regulations in no way preclude a facility from establishing additional rules and operating procedures as long as they do not contradict those established herein.		rtogulatione
WHEREAS, the Board does therefore publish, promulgate and order compliance within Clark County, Nevada with the substantive and procedural requirements hereinafter set forth. [NEW]  PART 1-2 DEFINITIONS		
1-201 Glossary Terms		
"AIR HANDLING SYSTEM" means equipment that brings in outdoor air into a building and removes air from a building for the purpose of introducing air with fewer contaminants and removing air with contaminants created while BATHERS are using AQUATIC VENUES. The system contains components that move and condition the air for temperature, humidity, and pressure control, and transport and distribute the air to prevent condensation, corrosion, and stratification, provide acceptable indoor air quality, and deliver outside air to the breathing zone. [NEW]	This definition is not in the NAC 444	ADDED DEFINITION
Not replaced in definitions section of proposed regulations	NAC 444.315 "Air induction system" means a system activated by a separate air power unit or blower which forces air into hollow ducting built into the spa floor, bench or other part of the spa.  REMOVED	ADDRESSED IN SECTION 2-1002.9
Not replaced in definitions section of proposed regulations	NAC 444.317 "Antivortex drain" means a drain having a raised cover designed to prevent or minimize any suctioning effect on a person that has come into contact with the drain. [REMOVED]	REMOVED DEFINITION
"APPROVED" means acceptable to the HEALTH AUTHORITY based on compliance with the law, conformance with appropriate, accepted, or recognized industry standards and good public health practice.	NAC 444.012 "Approved" means acceptable to the health authority based upon a determination concerning conformance with appropriate standards and good public health practices.	REWORDED WITH MORE SPECIFIC LANGUAGE
"AQUATIC FACILITY" means a physical place that contains one or more AQUATIC VENUES and support infrastructure.	NAC 444.058 1. "Public bathing or swimming facility" means any:	REPLACES PUBLIC BATHING OR SWIMMING

PROPOSED 2017 SOUTHERN NEVADA HEALTH DISTRICT AQUATIC FACILITY REGULATIONS	CURRENT - NEVADA ADMINISTRATIVE CODE 444	TYPE OF OR REASON FOR CHANGE
	<ul> <li>(a) Artificial swimming lagoon;</li> <li>(b) Isolation and flotation tank;</li> <li>(c) Mineral bath, therapeutic pool or similar facility;</li> <li>(d) Special purpose pool;</li> <li>(e) Spray pool;</li> <li>(f) Swimming pool;</li> <li>(g) Wading pool; or</li> <li>(h) Water recreation attraction,</li> <li>☐ that is used by the public for swimming or bathing.</li> <li>2. The term does not include any facility at a private residence controlled by the owner of the residence, the use of which is limited to members of the family or invited guests of the owner.</li> </ul>	FACILITY DEFINITION REWORDED USING MAHC TERMINOLOGY
"INDOOR AQUATIC FACILITY" means a physical place that contains one or more AQUATIC VENUES and the surrounding BATHER and SPECTATOR/STADIUM SEATING areas within a structure that meets the definition of "Building" per the 2012 International Building Code. It does not include equipment, chemical storage, or BATHER hygiene rooms or any other rooms with a direct opening to the AQUATIC FACILITY. [NEW]	This definition is not in the NAC 444	ADDED DEFINITION
"AQUATIC FEATURE" means an individual component within an AQUATIC VENUE. Examples include SLIDES, structures designed to be climbed or walked across, and structures that create falling or shooting water. [NEW]	This definition is not in the NAC 444	ADDED DEFINITION
"AQUATIC VENUE" means an artificially constructed structure or modified natural structure where the general public is exposed to water intended for recreational or therapeutic purpose. Such structures do not necessarily contain standing water, so water exposure may occur via contact, ingestion, or aerosolization. Examples include swimming POOLS, WAVE POOLS, LAZY RIVERS, SURF POOLS, SPAS (including SPA POOLS and hot tubs), THERAPY POOLS, WATERSLIDE LANDING POOLS, spray pads, and other interactive water venues. [NEW]	This definition is not in the NAC 444	ADDED DEFINITION
"INCREASED RISK AQUATIC VENUE" means an AQUATIC VENUE which, due to its intrinsic characteristics and intended use has a greater likelihood of affecting the BATHERS of that venue by being at increased risk for microbial contamination (e.g., by children less than five (5) years old) or being used by people that may be more susceptible to infection (e.g., therapy patients with open wounds). Examples of INCREASED-RISK AQUATIC VENUES include spray pads, WADING POOLS, CHILD AMUSEMENT LAGOONS, and other AQUATIC VENUES designed for children less than five (5) years old as well as THERAPY POOLS. [NEW]	This definition is not in the NAC 444	ADDED DEFINITION
"INTERACTIVE WATER PLAY AQUATIC VENUE" means any indoor or outdoor installation that includes sprayed, jetted or other water sources contacting BATHERS and not incorporating standing or captured water as part of the BATHER activity area. These AQUATIC VENUES are also known as splash pads or spray pads. For the purposes of these Regulations only those designed to recirculate water and intended for public use and recreation shall be regulated.	NAC 444.070 "Spray pool" means a recreation area intended for use by children, in which water is supplied by a system of sprays but is not allowed to accumulate.	REPLACES SPRAY POOL - REWORDED USING MAHC TERMINOLOGY
"LAZY RIVER" means a channeled flow of water of near-constant depth in which the water is moved by pumps or other means of propulsion to provide a river-like flow that transports BATHERS over a defined path. A LAZY RIVER may include AQUATIC FEATURES and devices. A LAZY RIVER may also be referred to as a tubing POOL, leisure river, leisure POOL or a current channel. [NEW]	This definition is not in the NAC 444	ADDED DEFINITION
"SPA" means a structure intended for either warm or cold water where prolonged exposure is not intended. SPA structures are intended to be used for bathing or other recreational uses and are not	NAC 444.400 "Spa" 1. "Spa" means a pool primarily designed for therapeutic use which is not drained, cleaned or refilled for each user.	REWORDED USING MAHC TERMINOLOGY

PROPOSED 2017 SOUTHERN NEVADA HEALTH DISTRICT AQUATIC FACILITY REGULATIONS	CURRENT - NEVADA ADMINISTRATIVE CODE 444	TYPE OF OR REASON FOR CHANGE
drained and refilled after each use. It may include, but is not limited to, hydrotherapy and air induction bubbles.	2. The term includes units which employ hydrojet circulation, hot water, cold water, mineral water, air induction bubbles or combinations of them.	
"SPECIAL USE AQUATIC VENUE" means AQUATIC VENUES that do not meet the intended use and design features of any other -AQUATIC VENUE or POOL listed/identified in these Regulations. [NEW]	This definition is not in the NAC 444	ADDED DEFINITION
"ARTIFICIAL SWIMMING LAGOON" means an artificial body of water with more than 10,000 square feet of water surface area that is intended to be used by persons for swimming or bathing and that is constructed with special features to imitate a NATURAL BATHING PLACE. (NAC 444.013)	NAC 444.013 "Artificial swimming lagoon" means an artificial body of water with more than 20,000 square feet of water surface area that is intended to be used by persons for swimming or bathing and that is constructed with special features to imitate a natural bathing place.	REWORDED USING MAHC TERMINOLOGY
"ATTENDANT" means an employee who monitors and controls the flow of BATHERS at the entrance and exits of aquatic attractions such as WAVE POOLS, LAZY RIVERS, SLIDES and FLUMES. [NEW]	This definition is not in the NAC 444	ADDED DEFINITION
"AUTOMATED CONTROLLER" means a system of at least one chemical probe, a controller, and auxiliary or integrated component that senses the level of one or more water parameters and provides a signal to other equipment to maintain the parameters within a user-established range.  [NEW]	This definition is not in the NAC 444	ADDED DEFINITION
"BACKFLOW" means a hydraulic condition caused by a difference in water pressure that causes an undesirable reversal of the flow as the result of a higher pressure in the system than in its supply. "BARRIER" means an obstacle intended to prevent direct access from one point to another. [NEW]	This definition is not in the NAC 444	ADDED DEFINITION
"BATHER" means a person at an AQUATIC VENUE who has the potential of entering the body of water.	NAC 444.320 "Bather" means any person using the spa and adjoining deck area for the purpose of therapy, water sports or related activities.	REWORDED USING MAHC TERMINOLOGY
"BATHER COUNT" means the number of BATHERS in an AQUATIC VENUE at any given time. [NEW]	This definition is not in the NAC 444	ADDED DEFINITION
"BATHER OCCUPANCY" means the total number of BATHERS in an AQUATIC FACILITY ENCLOSURE at any given time both in the water and on the DECK. [NEW]	This definition is not in the NAC 444	ADDED DEFINITION
"Breakpoint Chlorination" means the conversion of inorganic Chloramine compounds to nitrogen gas by reaction with FAC. When Chlorine is added to water containing ammonia (from urine, sweat, or the environment, for example), it initially reacts with the ammonia to form monochloramine. If more Chlorine is added, monochloramine is converted into dichloramine, which decomposes into nitrogen gas, hydrochloric acid and Chlorine. The apparent residual Chlorine decreases since it is partially reduced to hydrochloric acid. The point at which the drop occurs is referred to as the "breakpoint." The amount of free Chlorine that must be added to the water to achieve Breakpoint Chlorination is approximately ten times the amount of combined Chlorine in the water. As additional Chlorine is added, all inorganic combined Chlorine compounds disappear, resulting in a decrease in eye irritation potential and "Chlorine odors." [NEW]	This definition is not in the NAC 444	ADDED DEFINITION
"Bulkheads" means a movable partition that physically separates a POOL into multiple sections. [NEW]	This definition is not in the NAC 444	ADDED DEFINITION
"CHEMICAL STORAGE SPACE" means a space in an AQUATIC FACILITY used for the storage of POOL chemicals such as acids, salt, or corrosive or oxidizing chemicals. [NEW]	This definition is not in the NAC 444	ADDED DEFINITION
"CHLORAMINE" means a DISINFECTION BY-PRODUCT formed when CHLORINE binds to nitrogenous waste in POOL water to form an amine-containing compound with one or more CHLORINE atoms, known as combined CHLORINE. [NEW]	This definition is not in the NAC 444	ADDED DEFINITION

PROPOSED 2017 SOUTHERN NEVADA HEALTH DISTRICT AQUATIC FACILITY REGULATIONS	CURRENT - NEVADA ADMINISTRATIVE CODE 444	TYPE OF OR REASON FOR CHANGE
"DICHLORAMINE" means a DISINFECTION BY-PRODUCT formed when CHLORINE binds to nitrogenous waste in POOL water to form an amine-containing compound with two CHLORINE atoms (NHCl <sub>2</sub> ). It is a known acute respiratory and ocular irritant. [NEW]	This definition is not in the NAC 444	ADDED DEFINITION
"TRICHLORAMINE" means a DISINFECTION BY-PRODUCT formed when CHLORINE binds to nitrogenous waste in POOL water to form an amine-containing compound with three CHLORINE atoms (NCI <sub>3</sub> ). It is a known acute respiratory and ocular irritant. It has low solubility in water and is rapidly released into the air above POOLS where it can accumulate, particularly in indoor settings. [NEW]	This definition is not in the NAC 444	ADDED DEFINITION
"CHLORINE" refers to hypochlorous acid and hypochlorite ion in aqueous solution derived from CHLORINE gas or a variety of CHLORINE-based disinfecting agents. [NEW]	This definition is not in the NAC 444	ADDED DEFINITION
"AVAILABLE CHLORINE" means the amount of CHLORINE in the +1 OXIDATION state, which is the reactive, oxidized form. In contrast, chloride ion (CI⁻) is in the -1 OXIDATION state, which is the inert, reduced state. AVAILABLE CHLORINE is subdivided into FAC and combined AVAILABLE CHLORINE. POOL chemicals containing AVAILABLE CHLORINE are both oxidizers and DISINFECTANTS. Elemental CHLORINE (CI₂) is defined as containing 100 percent AVAILABLE CHLORINE. The concentration of AVAILABLE CHLORINE in water is normally reported as PPM "as CI₂", that is, the concentration is measured on a CI₂ basis, regardless of the source of the AVAILABLE CHLORINE. [NEW]	This definition is not in the NAC 444	ADDED DEFINITION
"FREE AVAILABLE CHLORINE or FAC" means the portion of the total AVAILABLE CHLORINE that is not "combined CHLORINE" and is present as hypochlorous acid (HOCI) or hypochlorite ion (OCI). The PH of the water determines the relative amounts of hypochlorous acid and hypochlorite ion. HOCI is a very effective bactericide and is the active bactericide in POOL water. OCI is also a bactericide, but acts more slowly than HOCI. Thus, CHLORINE is a more effective bactericide at low PH than at high PH. A FAC must be maintained for adequate DISINFECTION. [NEW]	This definition is not in the NAC 444	ADDED DEFINITION
"Combustion Device" means any appliance or equipment using fire such as gas or oil furnaces, boilers, POOL heaters, domestic water heaters, etc. [NEW]	This definition is not in the NAC 444	ADDED DEFINITION
"Contamination Response Plan" means a plan for handling contamination from formed-stool, diarrheal-stool, vomit, and blood. [NEW]	This definition is not in the NAC 444	ADDED DEFINITION
"Cross-Connection" means a connection or arrangement, physical or otherwise, between a potable water supply system and a PLUMBING FIXTURE, tank, receptor, equipment, or device, through which it may be possible for non-potable, used, unclean, polluted and contaminated water, or other substances to enter into a part of such potable water system under any condition. [NEW]	This definition is not in the NAC 444	ADDED DEFINITION
"DECK" means surface areas serving the AQUATIC VENUE, including the PERIMETER DECK, POOL DECK, and DRY DECK.	NAC 444.016 "Deck" means the area around the perimeter of a public bathing or swimming facility, adjacent to the water, that is used primarily by bathers.  NAC 444.330 "Deck" means the unobstructed area around the perimeter of a spa which is specifically used by bathers.	REWORDED USING MAHC TERMINOLOGY
"DRY DECK" means all pedestrian surface areas within the AQUATIC VENUE ENCLOSURE not subject to frequent splashing or constant wet foot traffic. The DRY DECK is not PERIMETER DECK or POOL DECK, which connect the POOL to adjacent amenities, entrances, and exits. Landscape areas are not included in this definition. [NEW]	This definition is not in the NAC 444	ADDED DEFINITION
"Perimeter Deck" means the hardscape surface area immediately adjacent to and within four (4) feet (1.2 m) of the edge of the swimming POOL.	NAC 444.416 "Wet deck area" means the 4-foot-wide unobstructed area outside a spa's or pool's water perimeter, curb, diving boards, diving towers or pool sides.	REPLACED WET DECK DEFINITION – REWORDED USING MAHC TERMINOLOGY

PROPOSED 2017 SOUTHERN NEVADA HEALTH DISTRICT AQUATIC FACILITY REGULATIONS	CURRENT - NEVADA ADMINISTRATIVE CODE 444	TYPE OF OR REASON FOR CHANGE
"Pool Deck" means surface areas serving the AQUATIC VENUE, beyond PERIMETER DECK, which is expected to be regularly trafficked and made wet by BATHERS. [NEW]	This definition is not in the NAC 444	ADDED DEFINITION
"DEEP WATER" means any part of a POOL with a depth greater than five (5) feet. [NEW]	This definition is not in the NAC 444	ADDED DEFINITION
"Design Professional" means a Nevada licensed professional engineer or a Nevada registered architect. A licensed professional engineer or a registered architect shall include his or her seal and signature on any plans and specifications submitted to the Health Authority. [NEW]	This definition is not in the NAC 444	ADDED DEFINITION
"Designated Walkway" means an exterior or interior way of passage from one part of an AQUATIC FACILITY to another for pedestrians, including, but not limited to walkways, pathways, DECKS, and stairways. This must be considered in relation to the ADA. [NEW]	This definition is not in the NAC 444	ADDED DEFINITION
"DISINFECTION" means a treatment that kills or irreversibly inactivates microorganisms (e.g., bacteria, viruses, and parasites); in water treatment, a chemical (commonly CHLORINE, CHLORAMINE, or ozone) or physical process (e.g., UV radiation) can be used. [NEW]	This definition is not in the NAC 444	ADDED DEFINITION
"DISINFECTION BY-PRODUCT" means a chemical compound formed by the reaction of a DISINFECTANT (e.g. CHLORINE) with a precursor (e.g. natural organic matter, nitrogenous waste from BATHERS) in a water system (POOL AND water supply). [NEW]	This definition is not in the NAC 444	ADDED DEFINITION
"DYNAMIC COEFFICIENT OF FRICTION" means the friction resistance between two objects when one is already in motion.	This definition is not in the NAC 444	ADDED DEFINITION
"EMERGENCY ACTION PLAN or EAP" means a plan that identifies the objectives that need to be met for a specific type of emergency, who will respond, what each person's role will be during the response, and what equipment is required as part of the response. [NEW]	This definition is not in the NAC 444	ADDED DEFINITION
"ENCLOSURE" means an uninterrupted constructed feature or obstacle used to surround and secure an area that is intended to deter or effectively prevent unpermitted, uncontrolled, and unfettered access to an AQUATIC VENUE or FACILITY. It is designed to resist climbing (absence of handholds or footholds) and to prevent passage through it and under it.	NAC 444.055 "Pool enclosure" means the area inside of the fence or barrier surrounding a public bathing or swimming facility.  NAC 444.403 "Spa enclosure" means an effective barrier for excluding unauthorized persons from the spa area and the area inside of the fence or barrier surrounding the spa.	REPLACED WITH MAHC TERMINOLOGY
"EPA REGISTERED" means all products regulated and registered under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) by the U.S. Environmental Protection Agency. EPA REGISTERED products will have a registration number on the label (usually it will state "EPA Reg No." followed by a series of numbers). This registration number can be verified by using the EPA National Pesticide Information Retrieval System. [NEW]	This definition is not in the NAC 444	ADDED DEFINITION
"EQUIPMENT ROOM" means a space intended for the operation of POOL pumps, filters, heaters, and controllers. This space is not intended for the storage of hazardous POOL chemicals. [NEW]	This definition is not in the NAC 444	ADDED DEFINITION
"EXIT GATE" means an emergency exit, which is a gate or door allowing free exit at all times. [NEW]	This definition is not in the NAC 444	ADDED DEFINITION
"EXPANSION JOINT" means a watertight joint provided in a POOL vessel used to relieve flexural stresses due to movement caused by thermal expansion/contraction. [NEW]	This definition is not in the NAC 444	ADDED DEFINITION
"Flume" means the riding channels of a WATERSLIDE which accommodate riders using or not using mats, tubes, rafts, and other transport vehicles as they slide along a path lubricated by a water flow.	NAC 444.017 "Flume" means a device designed to provide a descending ride into a splash pool or slide runout at the base of a water slide. Friction on the bed of the flume is minimized in all designs by providing a flowing film of water.	REWORDED USING MAHC TERMINOLOGY

PROPOSED 2017 SOUTHERN NEVADA HEALTH DISTRICT AQUATIC FACILITY REGULATIONS	CURRENT - NEVADA ADMINISTRATIVE CODE 444	TYPE OF OR REASON FOR CHANGE
"Foot CANDLES" means a measurement of light equivalent to one lumen per square foot. [NEW]	This definition is not in the NAC 444	ADDED DEFINITION
"GROUND-FAULT CIRCUIT INTERRUPTER or (GFCI)" means a device for protection of personnel that de- energizes an electrical circuit or portion thereof in the event of excessive ground current. [NEW]	This definition is not in the NAC 444	ADDED DEFINITION
"HAND WASH STATION" means a location which has a hand washing sink, adjacent soap dispenser, paper towel dispenser or hand dryer, and trash receptacle. [NEW]	This definition is not in the NAC 444	ADDED DEFINITION
"HEALTH AUTHORITY" means officers or agents of the Southern Nevada Health District.	NAC 444.020 "Health authority" means officers and agents of the Health Division or the local boards of health.	REWORDED WITH MORE SPECIFIC LANGUAGE
Not replaced in definitions section of proposed regulations	NAC 444.345 "Hydrojet" means a fitting which blends air and water creating a high velocity turbulent stream of air and water.	ADDRESSED UNDER 2-1002
Not replaced in definitions section of proposed regulations	NAC 444.347 "Hydrojet pump system"" means a system in which one or more hydrojets are activated by the use of a pump which is completely independent of the filtration and heating system of the spa. [REMOVED]	ADDRESSED UNDER 2-1002
"HYGIENE FACILITY" means a structure or part of a structure that contains toilet(s), SHOWER(s), HAND WASH STATION(s), and dressing capabilities serving BATHERS and PATRONS at an AQUATIC FACILITY. [NEW]	This definition is not in the NAC 444	ADDED DEFINITION
"HYGIENE FIXTURES" means all components necessary for HYGIENE FACILITIES including PLUMBING FIXTURES, HAND WASH STATIONS, trash receptacles, soap dispensers, paper towel dispensers or hand dryers, and toilet paper dispensers. [NEW]	This definition is not in the NAC 444	ADDED DEFINITION
"IMMINENT HEALTH HAZARD" means a serious threat to the public health or safety that is considered to exist when there is evidence indicating that a product, practice, circumstance, or event creates a situation that requires immediate correction or cessation of operation to prevent injury based on the number of potential injuries and the nature, severity, and duration of the anticipated injury or illness. See Section 5-6 [NEW]	This definition is not in the NAC 444	ADDED DEFINITION
"INFINITY EDGE" means a POOL wall structure and adjacent PERIMETER DECK that is designed in such a way where the top of the POOL wall and adjacent DECK are not visible from certain vantage points in the POOL or from the opposite side of the POOL. Water from the POOL flows over the edge and is captured and treated for reuse through the normal POOL filtration system. [NEW]	This definition is not in the NAC 444	ADDED DEFINITION
"INLET" means wall or floor fittings where treated water is returned to the POOL. [NEW]	This definition is not in the NAC 444	ADDED DEFINITION
"ISLAND" means a structure inside a POOL where the perimeter is completely surrounded by the POOL water and the top is above the surface of the POOL. [NEW]	This definition is not in the NAC 444	ADDED DEFINITION
<b>"Isolation and Flotation unit"</b> means a vessel that provides a light and/ or sound free environment, contains a saturated solution of sodium chloride or magnesium sulfate having a specific gravity of 1.27 to 1.3, and is maintained at a temperature of approximately 93.5°F. It may also be referred to as an isolation tank, pods, or flotation therapy.	NAC 444.023 "Isolation and flotation tank" means a tank that:  1. Provides a light- and sound-free environment; and  2. Contains a saturated solution of sodium chloride or magnesium sulfate having a specific gravity of 1.27 to 1.3 and maintained at a temperature of approximately 93.5F (34.1C).	REWORDED USING MAHC TERMINOLOGY
Not replaced in definitions section of proposed regulations	NAC 444.350 "Ladder" means a series of vertically separated treads or rungs connected by	REMOVED DEFINITION

PROPOSED 2017 SOUTHERN NEVADA HEALTH DISTRICT AQUATIC FACILITY REGULATIONS	CURRENT - NEVADA ADMINISTRATIVE CODE 444	TYPE OF OR REASON FOR CHANGE
	vertical rail members or independently fastened to a vertical spa wall. <b>REMOVED</b>	
"LIFEGUARD" means an individual who has successfully completed a recognized LIFEGUARD training course offered by a recognized training agency, holds a current certificate for such training, has met the pre-service requirements, and is participating in continuing in-service training requirements of the AQUATIC FACILITY. [NEW]	This definition is not in the NAC 444	ADDED DEFINITION
"LIFEGUARD STATION" means a designated stand or roving zone established to monitor BATHERS in a body of water. [NEW]	This definition is not in the NAC 444	ADDED DEFINITION
"LIFEGUARD SUPERVISOR" means an individual responsible for the oversight of LIFEGUARD performance and emergency response at an AQUATIC FACILITY. [NEW]	This definition is not in the NAC 444	ADDED DEFINITION
"Monitoring" is the regular and purposeful observation and checking of systems or facilities and recording of data, including system alerts, excursions from acceptable ranges, and other facility issues. Monitoring includes human or electronic means. [NEW]	This definition is not in the NAC 444	ADDED DEFINITION
"Moveable Floors" means a POOL floor whose depth varies through the use of controls. [NEW]	This definition is not in the NAC 444	ADDED DEFINITION
Not replaced in definitions section of proposed regulations	NAC 444.353 "Multiport valve" means a separate switching valve that has a separate position for each of the various filter operations and that combines in one unit the functions of two or more direct-flow valves.	REMOVED DEFINITION
"NATURAL BATHING PLACE" means any bathing place at a lake, pond, stream or similar body of water, together with any buildings and appurtenances used by the public for bathing or swimming with the express permission of the lessee or any person responsible for the premise; or advertised as a place for bathing or swimming for the public.	NAC 444.030 "Natural bathing place" means any bathing place at a lake, pond, stream or similar body of water, together with any buildings and appurtenances:  1. Used by the public for bathing or swimming with the express permission of the lessee or any person responsible for the premises; or  2. Openly advertised as a place for bathing or swimming by the public.	REWORDED WITH MORE SPECIFIC LANGUAGE
"Non-substantial Alteration" means to replace all or part of any structure, circulation system or appurtenance of an aquatic venue not addressed under SUBSTANTIAL ALTERATION.	NAC 444.061 "Remodel"  1. means to replace all or part of any structure, circulation system or appurtenance of a public bathing or swimming facility or to modify it to the extent that its design, configuration or operating characteristics differ in any respect from those of the original.  2. The term does not include normal maintenance and repair or the replacement of equipment that has previously been approved unless the result of the maintenance or repair is that the type, size or operating characteristics of the equipment are substantially different from those of the original.	REPLACED REMODEL - REWORDED USING MAHC TERMINOLOGY
Not replaced in definitions section of proposed regulations	NAC 444.040 "Normal operating level" means the overflow point on overflow gutters or the midpoint in the throat of the skimmers.  REMOVED	REMOVED DEFINITION

PROPOSED 2017 SOUTHERN NEVADA HEALTH DISTRICT AQUATIC FACILITY REGULATIONS	CURRENT - NEVADA ADMINISTRATIVE CODE 444	TYPE OF OR REASON FOR CHANGE
Not replaced in definitions section of proposed regulations	NAC 444.355 "Nonslip surface" means a surface which is designed to reduce or prevent slipping of bare feet. [REMOVED]	REMOVED DEFINITION
Not replaced in definitions section of proposed regulations	NAC 444.360 "NTU" means nephelometric turbidity units, a measure of water clarity.  REMOVED	REMOVED DEFINITION
"Occyst" means the thick-walled, environmentally resistant structure released in the feces of infected animals that serves to transfer the infectious stages of sporozoan parasites (e.g., Cryptosporidium) to new hosts. [NEW]	This definition is not in the NAC 444	ADDED DEFINITION
"Owner" means any person, individual, partnership, corporation, company, association or like entity who owns, leases, or proposes to own or lease an AQUATIC VENUE or AQUATIC FACILITY. [NEW]	This definition is not in the NAC 444	ADDED DEFINITION
"OXIDATION" means the process of changing the chemical structure of water contaminants by either increasing the number of oxygen atoms or reducing the number of electrons of the contaminant or other chemical reaction, which allows the contaminant to be more readily removed from the water or made more soluble in the water. It is the "chemical cleaning" of POOL water. OXIDATION can be achieved by common disinfectants (e.g., CHLORINE, bromine), SECONDARY DISINFECTION SYSTEMS (e.g. ozone) and oxidizers (e.g. potassium monopersulfate). [NEW]	This definition is not in the NAC 444	ADDED DEFINITION
"OXIDATION REDUCTION POTENTIAL or ORP" means a measure of the tendency for a solution to either gain or lose electrons; higher (more positive) OXIDATION REDUCTION POTENTIAL indicates a more oxidative solution. [NEW]	This definition is not in the NAC 444	ADDED DEFINITION
"PATRON" means a BATHER or other person or occupant at an AQUATIC FACILITY who may or may not have contact with AQUATIC VENUE water either through partial or total immersion. PATRONS may not have contact with AQUATIC VENUE water, but could still be exposed to potential contamination from the AQUATIC FACILITY air, surfaces, or aerosols. [NEW]	This definition is not in the NAC 444	ADDED DEFINITION
"Peninsula or Wing Wall" means a structural projection into a POOL intended to provide separation within the body of water. [NEW]	This definition is not in the NAC 444	ADDED DEFINITION
"Perimeter Gutter System" means the alternative to skimmers as a method to remove water from the Pool's surface for treatment. The gutter provides a level structure along the Pool perimeter versus intermittent skimmers.	NAC 444.365 "Overflow system" means perimeter-type overflows, surface skimmers, and surface water collection systems of various design and manufacture.	REPLACED OVERFLOW SYSTEM - REWORDED USING MAHC TERMINOLOGY
"PERMIT" means the document issued by the HEALTH AUTHORITY that authorizes a PERSON or authorized agent of the OWNER to operate an AQUATIC VENUE. [NEW]	This definition is not in the NAC 444	ADDED DEFINITION
"Permit Holder" means the person or entity that is legally responsible for the operation of the AQUATIC FACILITY. [NEW]	This definition is not in the NAC 444	ADDED DEFINITION
Not replaced in definitions section of proposed regulations	NAC 444.370 "Person" includes governmental agencies. REMOVED	REMOVED DEFINITION
"PH" means the negative log of the concentration of hydrogen ions. When water ionizes, it produces hydrogen ions (H+) and hydroxide ions (OH-). If there is an excess of hydrogen ions the water is acidic. If there is an excess of hydroxide ions the water is basic. PH ranges from 0 to 14. Pure water has a PH of 7.0. If PH is higher than 7.0, the water is said to be basic, or alkaline. If the water's PH is lower than 7.0, the water is acidic. As PH is raised, more ionization occurs and CHLORINE disinfectants decrease in effectiveness. [NEW]	This definition is not in the NAC 444	ADDED DEFINITION

PROPOSED 2017 SOUTHERN NEVADA HEALTH DISTRICT AQUATIC FACILITY REGULATIONS	CURRENT - NEVADA ADMINISTRATIVE CODE 444	TYPE OF OR REASON FOR CHANGE
Not replaced in definitions section of proposed regulations	NAC 444.375 "Plastic" means any of numerous organic, synthetic, or processed materials which are composed mostly of thermoplastic or thermosetting polymers of high molecular weight and which can be molded, cast, or extruded at some stage in manufacture or in processing into finished articles or objects, or can be shaped by flow.	REMOVED DEFINITION
"PLUMBING FIXTURE" means a receptacle, fixture, or device that is connected to a water supply system or discharges to a drainage system or both and may be used for the distribution and use of water; e.g. toilets, urinals, SHOWERS, and hose bibs. Such receptacles, fixtures, or devices require a supply of water, discharge liquid waste or liquid-borne solid waste, or require a supply of water and discharge waste to a drainage system. [NEW]	This definition is not in the NAC 444	ADDED DEFINITION
"PooL" means a subset of AQUATIC VENUES designed to have standing water for total or partial BATHER immersion. This does not include SPAS.	NAC 444.053 "Pool" means any swimming pool or any structure within a public bathing or swimming facility containing an artificial body of water.	REWORDED USING MAHC TERMINOLOGY
"ACTIVITY PooL" means a water attraction designed primarily for play activity that uses constructed features and devices including pad walks, flotation devices, and similar attractions.	NAC 444.011 "Activity pool" means a water recreation attraction that has water-related activities such as rope ladders, rope swings, cargo nets and other similar activities designed primarily for bathers other than small children.	REWORDED USING MAHC TERMINOLOGY
"CHILD AMUSEMENT LAGOON" means a water attraction designed primarily for play activity that uses constructed features and devices including POOL SLIDES, shallow POOLS, children washes, and similar attractions, which are intended for use by young children.	NAC 444.015 "Child amusement lagoon" means a water recreation attraction that has water-related activities such as small slides, shallow pools, children washes and other similar activities designed primarily for use by small children.	REWORDED USING MAHC TERMINOLOGY
"DIVING POOL" means a POOL used exclusively for diving. [NEW]	This definition is not in the NAC 444	ADDED DEFINITION
"LANDING POOL" means an AQUATIC VENUE or designated section of an AQUATIC VENUE located at the exit of one or more WATERSLIDE FLUMES. The body of water is intended and designed to receive a BATHER emerging from the FLUME for the purpose of terminating the SLIDE action and providing a means of exit to a DECK or walkway area. Also known as a splash POOL or catch POOL. [NEW]	This definition is not in the NAC 444	ADDED DEFINITION
"Skimmer Pool" means a Pool using a SKIMMER SYSTEM. [NEW]	This definition is not in the NAC 444	ADDED DEFINITION
"Surf Pool" means any Pool designed to generate waves dedicated to the activity of surfing on a surfboard or analogous surfing device commonly used in the ocean and intended for sport as opposed to the general play intent of WAVE POOLS. [NEW]	This definition is not in the NAC 444	ADDED DEFINITION
"THERAPY POOL" means a POOL used exclusively for aquatic therapy, physical therapy, and/or rehabilitation to treat a diagnosed injury, illness, or medical condition, wherein the therapy is provided under the direct supervision of a licensed physical therapist, occupational therapist, or athletic trainer. This could include wound patients or immunocompromised patients whose health could be impacted if there is not additional water quality protection. [NEW]	This definition is not in the NAC 444	ADDED DEFINITION

PROPOSED 2017 SOUTHERN NEVADA HEALTH DISTRICT AQUATIC FACILITY REGULATIONS	CURRENT - NEVADA ADMINISTRATIVE CODE 444	TYPE OF OR REASON FOR CHANGE
"WADING POOL" means any POOL used exclusively for walking through or sitting and intended for use by young children where the depth does not exceed two (2) feet.	NAC 444.090 "Wading pool" means a small pool to be used mainly by nonswimming children, and those supervising the children.	REWORDED USING MAHC TERMINOLOGY
"Wave Pool" means any POOL designed to simulate breaking or cyclic waves for the purposes of general play. [NEW]	This definition is not in the NAC 444	ADDED DEFINITION
"Pool Company" means any firm or self-employed individual engaged in providing Pool services at an AQUATIC FACILITY.	REGULATIONS Governing the Certificationin Clark County 1.6 "Swimming Pool Service Company" means any self-employed individual or firm engaged in providing pool services at a public pool for a fee.	REWORDED WITH MORE SPECIFIC LANGUAGE
Not replaced in definitions section of proposed regulations	NAC 444.380 "Prefabricated spa" means a public spa that has been designed by a licensed professional engineer to be fabricated at a factory into a packaged unit consisting of all of the required components for a public spa, with construction on-site consisting mainly of assembling the components.	REMOVED DEFINITION
Not replaced in definitions section of proposed regulations	NAC 444.385 "Public spa"  1. means any spa operated by any person, whether owner, lessee, operator, licensee or concessionaire, for the use of the public or the membership of an organization, whether or not a fee is charged for its use.  2. The term does not include spas at single-family private residences which are controlled by the homeowner, the use of which is limited to swimming or bathing by members of the family or invited guests.	REMOVED DEFINITION
"QUALIFIED OPERATOR" means an individual, with an active HEALTH AUTHORITY registration, responsible for the operation and maintenance of the water systems and the associated infrastructure of the AQUATIC FACILITY. Examples of QUALIFIED OPERATOR responsibilities include: maintaining water quality, cleaning filters, maintaining equipment, and pool appurtenances.	REGULATIONS Governing the Certificationin Clark County 1.7 Swimming Pool Service Technician defined: "Swimming pool service technician" or "technician" means any self-employed individual or employee of a company who provides pool services at a public pool and who is certified pursuant to these regulations. 1.8 Swimming Pool Service Technician Apprentice defined: "Swimming pool service technician apprentice" or "technician apprentice" means a person employed by a company to provide pool services at a public pool under the supervision of a swimming pool service technician, and who is certified pursuant to these regulations. 1.9 Swimming Pool Operator defined: "Swimming pool operator" or "pool operator" means any person who voluntarily or for	CONSOLIDATING 3 CERTIFICATIONS INTO ONE TO PROVIDE MORE CLARITY AND EASE FOR INDUSTRY. MATCHES MAHC LANGUAGE

PROPOSED 2017 SOUTHERN NEVADA HEALTH DISTRICT AQUATIC FACILITY REGULATIONS	CURRENT - NEVADA ADMINISTRATIVE CODE 444	TYPE OF OR REASON FOR CHANGE
	remuneration performs pool services at a public pool and other duties associated with the operation of a public pool and who is certified pursuant to these regulations.	
Not replaced in definitions section of proposed regulations	NAC 444.390 "Ramp" means a sloping floor, walk or roadway leading from one level to another, or leading to the spa edge and having a maximum slope of 1:12. [REMOVED]	REMOVED DEFINITION
"RECESSED STEPS" means a way of ingress/egress for a POOL similar to a ladder but the individual treads are recessed into the POOL wall.	NAC 444.395 "Recessed steps" means a riser and tread or a series of risers and treads extending down into the deck with the bottom riser and tread ending at the spa wall, creating a stair well.	REWORDED USING MAHC TERMINOLOGY
Not replaced in definitions section of proposed regulations	NAC 444.397 "Recessed treads" means a series of vertically spaced cavities in the spa wall creating tread areas for stepholes. [REMOVED]	REMOVED DEFINITION
"RECIRCULATION SYSTEM" means the combination of the main drain, gutter or SKIMMER, INLETS, piping, pumps, controls, surge tank or balance tank to provide POOL water recirculation to and from the POOL and the treatment systems. [NEW]	This definition is not in the NAC 444	ADDED DEFINITION
"REDUCTION EQUIVALENT DOSE BIAS OF RED" means a variable used in UV system validation to account for differences in UV sensitivity between the UV system challenge microbe (e.g., MS2 virus) and the actual microbe to be inactivated (e.g., Cryptosporidium). [NEW]	This definition is not in the NAC 444	ADDED DEFINITION
"Responsible Person" means an on-site individual at staffed AQUATIC FACILITIES without a full time on-site QUALIFIED OPERATOR who is authorized and capable of closing the AQUATIC VENUE as needed, knowing when to close an AQUATIC VENUE, and knowing how and when to contact the QUALIFIED OPERATOR.	This definition is not in the NAC 444	ADDED DEFINITION
"Robotic Cleaner" means a modular vacuum system consisting of a motor-driven, in-POOL suction device, either self-powered or powered through a low voltage cable, which is connected to a DECK-side power supply. [NEW]	This definition is not in the NAC 444	ADDED DEFINITION
"Runout" means that part of a WATERSLIDE where riders are intended to decelerate and/or come to a stop. The RUNOUT is a continuation of the WATERSLIDE FLUME surface.	NAC 444.064 "Slide runout" means a shallow flume at the end of a water slide in which the bather ends his or her slide.	REWORDED USING MAHC TERMINOLOGY
"SAFETY PLAN" means a written document that has procedures, requirements and/or standards related to safety which the AQUATIC FACILITY staff must follow. These plans include training, emergency response, and operations procedures. [NEW]	This definition is not in the NAC 444	ADDED DEFINITION
"Sanitize" means reducing the level of microbes to that considered safe by public health standards (usually 99.999%). This may be achieved through a variety of chemical or physical means such as chemical treatment, physical cleaning, or drying. [NEW]	This definition is not in the NAC 444	ADDED DEFINITION
"Secondary Disinfection Systems" means those disinfection processes or systems installed in addition to the STANDARD systems required on all AQUATIC VENUES, which are required to be used for INCREASED RISK AQUATIC VENUES. [NEW]	This definition is not in the NAC 444	ADDED DEFINITION
"Shallow Water" means any part of a POOL with a depth that does not exceed five (5) feet. [NEW]	This definition is not in the NAC 444	ADDED DEFINITION
"Shower" means a device that sprays water on the body. [NEW]	This definition is not in the NAC 444	ADDED DEFINITION

PROPOSED 2017 SOUTHERN NEVADA HEALTH DISTRICT AQUATIC FACILITY REGULATIONS	CURRENT - NEVADA ADMINISTRATIVE CODE 444	TYPE OF OR REASON FOR CHANGE
"CLEANSING SHOWER" means a SHOWER located within a HYGIENE FACILITY providing warm water and soap. The purpose of these SHOWERS is to remove contaminants including perianal fecal material, sweat, skin cells, personal care products, and dirt before BATHERS enter the AQUATIC VENUE. [NEW]	This definition is not in the NAC 444	ADDED DEFINITION
"RINSE SHOWER" means a SHOWER typically located in the POOL DECK area with ambient temperature water. The main purpose is to remove dirt, sand, or organic material prior to entering the AQUATIC VENUE to reduce the introduction of contaminants and the formation of DISINFECTION BY-PRODUCTS.  [NEW]	This definition is not in the NAC 444	ADDED DEFINITION
"SKIMMER" means a device installed in the POOL wall whose purpose is to remove floating debris and surface water to the filter. They shall include a weir to allow for the automatic adjustment to small changes in water level, maintaining skimming of the surface water. [NEW]	This definition is not in the NAC 444	ADDED DEFINITION
"SKIMMER SYSTEM" means periodic locations along the top of the POOL wall for removal of water from the POOL's surface for treatment. [NEW]	This definition is not in the NAC 444	ADDED DEFINITION
"SLIDE" means an AQUATIC FEATURE where BATHERS SLIDE down from an elevated height into water.  [NEW]	This definition is not in the NAC 444	ADDED DEFINITION
"DROP SLIDE" means a SLIDE that drops BATHERS into the water from a height above the water versus delivering the BATHER to the water entry point. [NEW]	This definition is not in the NAC 444	ADDED DEFINITION
"Pool SLIDE" means a SLIDE having a configuration as defined by the Code of Federal Regulations in 16 CFR §1207, or is similar in construction to a playground SLIDE used to allow BATHERS to SLIDE from an elevated height to a POOL. They shall include children's (tot) SLIDES and all other non-FLUME SLIDES that are mounted on the POOL DECK or within the basin of a public swimming POOL. [NEW]	This definition is not in the NAC 444	ADDED DEFINITION
"WATERSLIDE" means a SLIDE that runs into a LANDING POOL or RUNOUT through a fabricated channel with flowing water.	NAC 444.093 "Water slide" means a water recreation attraction having one or more flumes.	REWORDED USING MAHC TERMINOLOGY
Not replaced in definitions section of proposed regulations	NAC 444.066 "Slip resistant" means a finish or textured surface designed to prevent or reduce slipping by bare skin in contact with it under wet conditions. REMOVED	REMOVED DEFINITION
Not replaced in definitions section of proposed regulations	NAC 444.068 "Special purpose pool" means a swimming pool that is used exclusively for supervised instruction, training, therapy, treatment or competition.	REMOVED DEFINITION
"SPECTATOR" means any individual at an AQUATIC FACILITY who is present to observe an event without the potential of entering the water of any AQUATIC VENUE. [NEW]	This definition is not in the NAC 444	ADDED DEFINITION
Not replaced in definitions section of proposed regulations	NAC 444.405 "Stairs" means a riser and tread or a series of risers and treads extending down from the deck into the spa. [REMOVED]	REMOVED DEFINITION
Not replaced in definitions section of proposed regulations	NAC 444.407 "Steps" means stairs or ladders designed to permit entry and exit to and from the spa. REMOVED	REMOVED DEFINITION
"STRUCTURAL CRACK" means a break or split in the POOL surface that weakens the structural integrity of the vessel. [NEW]	This definition is not in the NAC 444	ADDED DEFINITION
Not replaced in definitions section of proposed regulations	NAC 444.075 "Swimming pool" means any structure containing an artificial body of water that is intended to be used collectively by persons for swimming or bathing, regardless of whether a fee is charged for its use.	REMOVED DEFINITION

PROPOSED 2017 SOUTHERN NEVADA HEALTH DISTRICT AQUATIC FACILITY REGULATIONS	CURRENT - NEVADA ADMINISTRATIVE CODE 444	TYPE OF OR REASON FOR CHANGE
	2. The term does not include:  (a) Any structure at a private residence controlled by the owner of the residence, the use of which is limited to members of the family or invited guests of the owner; or  (b) Any other kind of public bathing or swimming facility.  REMOVED	
"Substantial Alteration" means the alteration, modification, or renovation of an AQUATIC VENUE or INDOOR AQUATIC FACILITY that involves the alteration or replacement of the shell, replacement of the complete plumbing system or a complete rebuild.	NAC 444.061 "Remodel"  1. means to replace all or part of any structure, circulation system or appurtenance of a public bathing or swimming facility or to modify it to the extent that its design, configuration or operating characteristics differ in any respect from those of the original.  2. The term does not include normal maintenance and repair or the replacement of equipment that has previously been approved unless the result of the maintenance or repair is that the type, size or operating characteristics of the equipment are substantially different from those of the original.	REPLACED REMODEL - REWORDED USING MAHC TERMINOLOGY
"Substantially Similar" means equipment that performs to the same manufacturer's specifications with identical hydraulic characteristics. [NEW]	This definition is not in the NAC 444	ADDED DEFINITION
"SUPERCHLORINATION" means the addition of large quantities of CHLORINE-based chemicals to raise the FAC levels for water quality maintenance such as to kill algae, destroy odors, or improve the ability to maintain a DISINFECTANT residual. [NEW]	This definition is not in the NAC 444	ADDED DEFINITION
"SUPPLEMENTAL DISINFECTION SYSTEMS" means those DISINFECTION processes or systems which are not required on an AQUATIC VENUE for health and safety reasons. They may be used to enhance overall system performance and improve water quality. [NEW]	This definition is not in the NAC 444	ADDED DEFINITION
"THEORETICAL PEAK OCCUPANCY" means the anticipated peak number of BATHERS in an AQUATIC VENUE or the anticipated peak number of PATRONS of the DECK of an AQUATIC FACILITY. This is the lower limit of peak occupancy to be used for design purposes for determining services that support occupants. Theoretical Peak occupancy is used to determine the number of SHOWERS. For AQUATIC VENUES, the THEORETICAL PEAK OCCUPANCY is calculated around the type of water use or space: [NEW]	This definition is not in the NAC 444	ADDED DEFINITION
"AGITATED WATER" means an AQUATIC VENUE with mechanical means (AQUATIC FEATURES) to discharge, spray, or move the water's surface above and/or below the static water line of the AQUATIC VENUE so people are standing or playing vertically. Where there is no static water line, movement shall be considered above the DECK plane. [NEW]	This definition is not in the NAC 444	ADDED DEFINITION
"FLAT WATER" means an AQUATIC VENUE in which the water line is static except for movement made by BATHERS usually as a horizontal use as in swimming. Diving spargers do not void the FLAT WATER definition. [NEW]	This definition is not in the NAC 444	ADDED DEFINITION
"Hot Water" means an AQUATIC VENUE with a water temperature over 90°F. [NEW]	This definition is not in the NAC 444	ADDED DEFINITION
"Stadium Seating" means an area of high-occupancy seating provided above the POOL level for observation. [NEW]	This definition is not in the NAC 444	ADDED DEFINITION

PROPOSED 2017 SOUTHERN NEVADA HEALTH DISTRICT AQUATIC FACILITY REGULATIONS	CURRENT - <b>NEVADA ADMINISTRATIVE</b> CODE 444	TYPE OF OR REASON FOR CHANGE
Not replaced in definitions section of proposed regulations	NAC 444.410 "Toxic" means a quality which might produce an adverse physiological effect on a person. REMOVED	REMOVED DEFINITION
"Transmissivity" means the percentage measurement of UV light able to pass through a solution.  [NEW]	This definition is not in the NAC 444	ADDED DEFINITION
"TURNOVER" means the period of time, usually expressed in hours, required to circulate a volume of water equal to the capacity of the AQUATIC VENUE.	NAC 444.085 "Turnover cycle" means the period of time required to completely recirculate the water in a public bathing or swimming facility through its filter and treatment systems.	REWORDED USING MAHC TERMINOLOGY
"UNBLOCKABLE DRAIN COVER" has the meaning ascribed in ANSI/APSP-16 2011 Standard. [NEW]	This definition is not in the NAC 444	ADDED DEFINITION
"Underwater Bench" means a submerged seat with or without hydrotherapy jets. [NEW]	This definition is not in the NAC 444	ADDED DEFINITION
"Underwater Ledge" means a continuous step in the POOL wall that allows swimmers to rest by standing without treading water. [NEW]	This definition is not in the NAC 444	ADDED DEFINITION
"VARIANCE" means a written document APPROVED by the Southern Nevada Health District Board of Health which seeks a full recusal of these Regulations and may impact the health and safety of PATRONS.	NRS 439.200 Regulations of State Board of Health: Adoption; effect; variances; distribution  3. The State Board of Health may grant a variance from the requirements of a regulation if it finds that:  (a) Strict application of that regulation would result in exceptional and undue hardship to the person requesting the variance; and (b) The variance, if granted, would not:  (1) Cause substantial detriment to the public welfare; or (2) Impair substantially the purpose of that regulation.	ADDED DEFINITION
"Waiver" means a written agreement between the HEALTH AUTHORITY and the PERMIT HOLDER that authorizes a modification of one or more regulatory requirements and has no impact on the health and safety of PATRONS. [NEW]	This definition is not in the NAC 444	ADDED DEFINITION
Not replaced in definitions section of proposed regulations	NAC 444.415 "Waterline" means:  1. Where a skimmer system is in use, the midpoint of the operating range of the skimmer.  2. Where an overflow system is in use, the height of the overflow rin. REMOVED	REMOVED DEFINITION
"WATER QUALITY TESTING DEVICE or WQTD" means a product designed to measure the level of a parameter in water. A WQTD includes a device or method to provide a visual indication of a parameter level, and may include one or more reagents and accessory items. [NEW]	This definition is not in the NAC 444	ADDED DEFINITION
Not replaced in definitions section of proposed regulations	NAC 444.092 "Water recreation attraction"  1. means any: (a) Activity pool; (b) Child amusement lagoon; (c) Water slide; (d) Watercourse ride; or (e) Wave pool.	ADDRESSED IN MUCH GREATER DETAIL THOUGHOUT SECTION 2-10

PROPOSED 2017 SOUTHERN NEVADA HEALTH DISTRICT AQUATIC FACILITY REGULATIONS	CURRENT - NEVADA ADMINISTRATIVE CODE 444	TYPE OF OR REASON FOR CHANGE
	2. The term does not include any facility at a private residence controlled by the owner of the residence, the use of which is limited to members of the family or invited guests of the owner.  REMOVED	
Not replaced in definitions section of proposed regulations	NAC 444.094 "Watercourse ride" means a water recreation attraction designed to convey bathers on inner tubes or raft-like devices, using an artificially created current, along a relatively flat watercourse.	REMOVED DEFINITION
Not replaced in definitions section of proposed regulations	NAC 444.096 "Wave pool" means a water recreation attraction characterized by the artificial generation of waves at one end of a pool.  REMOVED	REMOVED DEFINITION
"Zero Depth Entry" means a sloped entry into a POOL from DECK level into the interior of the POOL as a means of access and egress. [NEW]	This definition is not in the NAC 444	ADDED DEFINITION
SECTION 2 FACILITY DESIGN AND CONSTRUCTION		
2-1 Plan Submittal		
The provisions of this Chapter apply to construction of a new AQUATIC FACILITY Or AQUATIC VENUE, or the SUBSTANTIAL ALTERATION to an existing AQUATIC FACILITY Or AQUATIC VENUE, unless otherwise noted. [NEW]	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT
2-101 New Construction and Substantial Alteration		
2-101.1 AQUATIC FACILITY construction plans shall be designed to provide sufficient clarity to indicate the location, nature, and extent of the work proposed. [NEW]	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	MORE SPECIFIC REQUIREMENTS
2-101.2 AQUATIC FACILITY construction plans shall show in detail that it will conform to the provisions of these Regulations and relevant laws to protect the health and SAFETY of the facility's BATHERS and PATRONS. [NEW]	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	MORE SPECIFIC REQUIREMENTS
2-101.3 No person shall begin to construct a new AQUATIC FACILITY or shall substantially alter an existing AQUATIC FACILITY without first having the construction plans detailing the construction or SUBSTANTIAL ALTERATION submitted to and APPROVED by the HEALTH AUTHORITY.	NAC 444.100 Application; plans and specifications.  (4) The submitted plans must be approved in writing before any construction is undertaken.	REWORDED USING MAHC TERMINOLOGY
2-101.4 An owner who allows new construction or a SUBSTANTIAL ALTERATION of an AQUATIC FACILITY to begin prior to obtaining approval from the HEALTH AUTHORITY will be subject to applicable fees. Any contractor who begins new construction or a SUBSTANTIAL ALTERATION of an AQUATIC FACILITY prior to obtaining APPROVED plans may be reported to the Nevada State Contractors Board. [NEW]	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	Consistent with current administrative policies
2-101.5 All applications and supporting documentation, such as plans and hydraulics, must be prepared by a DESIGN PROFESSIONAL, a licensed contractor who holds a classification A license with an A-10 subclassification issued by the State Contractors' Board, or who is Nevada registered or licensed to practice his or her respective design profession as defined by the state of Nevada.	NAC 444.100 Application; plans and specifications.  1. Any person desiring to construct a public bathing or swimming facility or to remodel or add to an existing facility must apply in writing to the health authority on forms furnished by the health	REWORDED USING MAHC TERMINOLOGY

<u> </u>	PROPOSED 2017 SOUTHERN NEVADA HEALTH DISTRICT AQUATIC FACILITY REGULATIONS	CURRENT - NEVADA ADMINISTRATIVE CODE 444	TYPE OF OR REASON FOR CHANGE
2-101.6	All construction plans shall include the following statements:	authority, giving the name of the facility and its location together with such other information as may be required. The application must be accompanied by plans and specifications with supporting data prepared by a professional engineer who is registered in this State, an architect who is registered in this State, or a licensed contractor who holds a classification A license with an A-10 subclassification issued by the State Contractors' Board. A licensed professional engineer or a registered architect shall include his or her seal and signature on any plans and specifications submitted to the health authority. A licensed contractor shall include his or her signature on any plans and specifications submitted to the health authority.  NEW REQUIREMENT NOT FOUND IN	Consistent with
(A) (B)	"The proposed aquatic facility and all equipment shall be constructed and installed in conformity with the approved plans and specifications or approved amendments," and "No substantial alteration, changes, additions, or equipment not specified in the approved plans or allowed in these Regulations can be made or added until the plans for such substantial alteration, changes, additions, or equipment are submitted to and approved by the health authority." [NEW]	CURRENT NAC 444	current administrative policies
2-101.7 (A) (1) (2) (3)	All documentation must be submitted to the HEALTH AUTHORITY electronically. In addition, the following documents must also be submitted as hard copies a minimum of: One complete set of plans; One copy of the HEALTH AUTHORITY'S Construction Application; signed and stamped by the DESIGN PROFESSIONAL or licensed contractor. One copy of the hydraulic calculations.	<ul> <li>NAC 444.100 Application; plans and specifications.</li> <li>3. The plans and specifications must be submitted in triplicate. Additional copies must be submitted if requested.</li> </ul>	REWORDED USING MAHC TERMINOLOGY
	Content of Design Report		
2-102.1 (A) (B) (C) (1) (2)	Basis of Design Report  AQUATIC FACILITY plans shall include the name, address, and contact information for the OWNER and designer. Builder information must be submitted prior to the start of construction.  AQUATIC FACILITY plans shall include site information indicating at a minimum: the location of all utilities, wells, topography, natural water features, and potential sources of surface drainage and pollution which may affect the proposed AQUATIC FACILITY.  AQUATIC FACILITY plans shall include a site plot plan including:  A general map and detailed scaled drawings of the AQUATIC FACILITY site plan or floor plan with detailed locations of the AQUATIC VENUES and AQUATIC FEATURES; and The locations of all water supply facilities, sources of drinking water, public and private	NAC 444.110 Location. A pool must be located where it will not be exposed to undesirable substances or surface drainage from surrounding areas.	REWORDED USING MAHC TERMINOLOGY
\-/	sewers, and relative elevations of paved or other walkways and the EQUIPMENT ROOM floor shall be shown on the plans with the elevations of storm and sanitary sewer inverts and street grade.		

		CURRENT - NEVADA ADMINISTRATIVE	TYPE OF OR
	PROPOSED 2017 SOUTHERN NEVADA HEALTH DISTRICT AQUATIC FACILITY	CODE 444	REASON FOR
	REGULATIONS	<u> </u>	CHANGE
2-102.2	Plans and Specifications	NAC 444.100 Application; plans and	REWORDED USING
(A)	Detailed scaled and dimensional drawings for each individual AQUATIC VENUE shall	specifications.	MAHC
\ \ \	include an AQUATIC VENUE area plan and layout plan along with dimensioned longitudinal	2. The plans must be drawn to scale, contain a	TERMINOLOGY;
	and transverse cross sections of the AQUATIC VENUE.	north arrow and must be accompanied by proper	MORE SPECIFIC
(B)	Detailed scaled and dimensional drawings for each individual AQUATIC VENUE shall	specifications so as to permit a comprehensive	REQUIREMENTS
(-)	include location and type of:	engineering review of the plans. The plans must	
(1)	INLETS;	include:	
(2)	Overflows,	(a) Plan and sectional views with all necessary	
(3)	Gravity drains;	dimensions of the facility.	
(4)	Suction outlets;	(b) A piping diagram showing all appurtenances	
(5)	Overflow gutters or devices;	including treatment facilities in sufficient detail, as	
(6)	Piping;	well as pertinent elevation data, to permit a	
(7)	Designed POOL water elevation;	hydraulic analysis of the system.	
(8)	AQUATIC FEATURES such as ladders, stairs, diving boards, SLIDES, and play features;	(c) Details on all treatment equipment, including	
(9)	Area Lighting/Photometric;	catalog identification. If mechanical equipment is	
(10)	Pool markings; and	specified by the use of a trade name or catalog	
(11)	Surface materials	numbers, individual leaflets, catalogs or other	
(C)	Detailed scaled and dimensional drawings of the AQUATIC FACILITY and for each individual	descriptive material must be furnished. This	
. ,	AQUATIC VENUE, as appropriate, shall include location and type of:	material will be returned to the applicant on his or	
(1)	Design of DECK, curb, or walls enclosing the AQUATIC VENUE;	her request after the review of the plans.	
(2)	DECK drains;	(d) An electrical diagram showing the method of	
(3)	Paved walkways and other hardscape features;	grounding, junction boxes and other pertinent	
(4)	Non-slip flooring;	details.	
(5)	AQUATIC VENUE area finishes;	(e) Detailed plans of bathhouses, equipment	
(6)	Drinking fountains or other sources of drinking water;	rooms, dressing rooms, toilet facilities, showers	
(7)	Entries and exits;	and other appurtenances.	
(8)	Hose bibs;		
(9)	ENCLOSURES;		
(10)	Telephones; and		
(11)	Area lighting, to include a photometric layout.		
(D)	Detailed scaled and dimensional drawings for each individual AQUATIC VENUE shall		
	contain a flow diagram showing the location, plan, elevation, and schematics of:		
(1)	Filters;		
(2)	Pumps;		
(3)	Chemical feeders and interlocks;		
(4)	Chemical controllers and interlocks;		
(5)	SECONDARY DISINFECTION SYSTEMS, if required;		
(6)	SUPPLEMENTARY DISINFECTION SYSTEMS, if installed;		
(7)	Ventilation devices or AIR HANDLING SYSTEMS;		
(8)	Heaters;		
(9)	Surge tanks, including operating levels;		
(10)	BACKFLOW prevention assemblies and air gaps;		
(11)	Valves;		
(12)	Piping;		
(13)	Flow meters;		
(14)	Gauges;		
(15)	Thermometers;		]

	PROPOSED 2017 SOUTHERN NEVADA HEALTH DISTRICT AQUATIC FACILITY REGULATIONS	CURRENT - NEVADA ADMINISTRATIVE CODE 444	TYPE OF OR REASON FOR CHANGE
(16) (17) (18) (E) (F) (G)	Test cocks; Sight glasses; and Drainage system for the disposal of AQUATIC VENUE water and filter wastewater. Detailed scaled and dimensional drawings for each individual AQUATIC VENUE shall contain a schematic layout of the AQUATIC VENUE EQUIPMENT ROOM or area showing accessibility for installation and maintenance.  Detailed scaled and dimensional drawings for each individual AQUATIC VENUE shall contain a schematic layout of the AQUATIC FACILITY CHEMICAL STORAGE SPACE(s).  Detailed scaled and dimensional drawings for each AQUATIC FACILITY shall show the location and number of all available HYGIENE FACILITIES provided including dressing rooms, lockers and basket storage, SHOWERS, lavatories, and toilet fixtures.		
2-102.3 (A) (B) (C) (D) (E) (1) (2) (a) (b) (F) (1) (2) (3) (G)	Technical Specifications for the construction of each AQUATIC VENUE and all appurtenances shall accompany the drawings for the AQUATIC FACILITY plans. The technical specifications for each AQUATIC FACILITY and each AQUATIC VENUE shall include all construction details not shown on the plans that relate to the AQUATIC FACILITY. The technical specifications for each AQUATIC FACILITY shall include the sources of all water supplies.  Technical specifications shall include the water surface area and volume of each AQUATIC VENUE and associated water features, if applicable.  The technical specifications for each AQUATIC FACILITY and each AQUATIC VENUE shall include the THEORETICAL PEAK OCCUPANCY, respectively.  The THEORETICAL PEAK OCCUPANCY for an AQUATIC FACILITY shall be used for designing systems that serve BATHERS and PATRONS and shall incorporate non-water related areas such as DECKS and other adjacent portions of the AQUATIC FACILITY not associated with the AQUATIC VENUE.  The THEORETICAL PEAK OCCUPANCY shall be calculated by dividing the surface area in square feet of the AQUATIC VENUE by the density factor (D) that fits the specific AQUATIC VENUE being considered.  The overall density of the AQUATIC FACILITY may be adjusted as deemed appropriate by the HEALTH AUTHORITY with respect to health and SAFETY concerns related to the intended use.  The THEORETICAL PEAK OCCUPANCY for an AQUATIC FACILITY shall be determined by adding the calculations for each AQUATIC VENUE in the AQUATIC FACILITY.  The technical specifications and supplemental engineering data for each AQUATIC FACILITY and each AQUATIC VENUE shall include:  Detailed information on the type, size, operating characteristics, and rating of all mechanical and electrical equipment;  Hydraulic computations for head loss in all piping and recirculation equipment; and Pump curves that demonstrate that the selected recirculation pump(s) are adequate for the calculated required flows.  The technical specifications for each AQUATIC VENUE shall include the recircu	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	MORE SPECIFIC REQUIREMENTS
	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 and each AQUATIC VENUE and all appurtenances. [NEW]		

	PROPOSED 2017 SOUTHERN NEVADA HEALTH DISTRICT AQUATIC FACILITY	CURRENT - NEVADA ADMINISTRATIVE CODE 444	TYPE OF OR REASON FOR
	REGULATIONS	<u> </u>	CHANGE
2-103	Plan Approval		
(A)	New Construction The HEALTH AUTHORITY shall clearly state on the plans the limitations of its approval, and that the review does not include structural design or structural stability of any part of the AQUATIC FACILITY.	NAC 444.102 Changes in plans; structural adequacy.  2. The review of the plans by the health authority will not include a review of the structural design or	REWORDED USING MAHC TERMINOLOGY
(B)	The approval is independent of all other approvals required by other regulatory entities. The applicant must separately obtain all other required approvals and PERMITS.	structural stability of any section or part of the facility. Certification of structural adequacy is the	
(C)	The HEALTH AUTHORITY may coordinate its AQUATIC FACILITY plan review and communicate its approval with other agencies involved in the AQUATIC FACILITY construction.	responsibility of the architect or a qualified professional engineer who is licensed by the State	
(D)	The HEALTH AUTHORITY shall provide a written response to the AQUATIC FACILITY OWNER or OWNER'S representative within 30 business days of the most recent submission, whether an original or revised submission, containing, but not limited to, the following information:	Board of Registered Professional Engineers and Land Surveyors.  NAC 444.104 Inspections.  1. The owner or his or her agent shall notify the	
(1)	Categorical items marked satisfactory, unsatisfactory, not applicable, or insufficient information;	health authority at specific predetermined stages of construction and at the time of completion of	
(2)	A comment section keyed to the compliance review list shall detail unsatisfactory and insufficient information;	the facility, to permit inspection of the facility during and after construction.	
(3)	Indication of the HEALTH AUTHORITY approval or disapproval of the AQUATIC FACILITY construction plans;		
(4)	In the case of a disapproval, specific reasons for disapproval and procedure for resubmittal; and		
(5) (E)	Reviewer's name, signature, and date of review.  The OWNER or OWNER's agent shall contact the HEALTH AUTHORITY to schedule all required inspections identified in the plan submission process.		
(F)	Additional inspections may be required by the HEALTH AUTHORITY when deemed necessary.		
(G)	The AQUATIC FACILITY OWNER shall maintain at least one set of APPROVED plans made available to the HEALTH AUTHORITY on-file for as long as the AQUATIC FACILITY is in operation.		
		NAC 444.104 Inspections.  2. In areas where the health authority cannot provide the inspections and where the local government does not require building inspections, the owner or his or her agent may be required to hire a third party inspector. The third party inspector may be selected by the owner or his or her agent upon the approval of the Health Division.	REMOVED – NA TO OUR AREA
2-103.2 (A)	Non-Substantial Alterations The AQUATIC FACILITY OWNER planning a non-substantial alteration shall make application to the HEALTH AUTHORITY to review proposed changes prior to starting the non-substantial alteration.	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	Consistent with current administrative policies
(B)	All applications and supporting documentation, such as plans and hydraulics, shall be prepared by a DESIGN PROFESSIONAL or a licensed contractor with an appropriate classification issued by the Nevada State Contractors' Board.		

<u>!</u>	PROPOSED 2017 SOUTHERN NEVADA HEALTH DISTRICT AQUATIC FACILITY REGULATIONS	CURRENT - NEVADA ADMINISTRATIVE CODE 444	TYPE OF OR REASON FOR CHANGE
(C)	The AQUATIC FACILITY operator shall consult with the HEALTH AUTHORITY to determine if new or modified plans are required for approval of the non-SUBSTANTIAL ALTERATIONS proposed. [NEW]		
2-103.3 (A)	Replacements The replacement of pumps, filters, feeders, controllers, filter valves, or other similar equipment with SUBSTANTIALLY SIMILAR equipment may be done after contacting the HEALTH AUTHORITY to review the proposed changes without submission of altered AQUATIC FACILITY plans, unless the review determines the need for plan submission.	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	Consistent with current administrative policies
(B)	The HEALTH AUTHORITY shall provide the AQUATIC FACILITY OWNER written approval or disapproval of the proposed replacement equipment's equivalency.		
(C)	The AQUATIC FACILITY OWNER accepts responsibility for proper and immediate replacement if equipment installed is not deemed equivalent by the HEALTH AUTHORITY.		
(D)	Documentation of proposed, APPROVED, and disapproved replacements shall be maintained by the HEALTH AUTHORITY. [NEW]		
2-104	Compliance Certificate		
	A certificate of construction compliance shall be submitted to the HEALTH AUTHORITY for all AQUATIC FACILITY plans for new construction and SUBSTANTIAL ALTERATIONS requiring HEALTH AUTHORITY approvals. [NEW]	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT
	This certificate shall be prepared by a licensed professional and be within the scope of the licensed professional's practice as defined by state law. [NEW]	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT
2-104.3	The certificate shall also include a statement that the AQUATIC FACILITY, all equipment, and appurtenances have been constructed and/or installed in accordance with APPROVED plans and specifications.	NAC 444.102 Changes in plans; structural adequacy.  1. The facility must be built in accordance with the plans as approved, unless prior approval of the changes has been given in writing by the health authority.	REWORDED TO MIRROR MAHC
2-104.4	If commissioning or testing reports for systems such as AQUATIC FACILITY lighting, air handling, recirculation, filtration, and/or DISINFECTION are conducted, then those reports shall be included in furnished documentation. [NEW]	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT
Part 2-2	Materials		
2-201	Pools		
2-201.1	AQUATIC VENUES shall be constructed of reinforced concrete or impervious and structurally sound material(s), which provide a smooth, easily cleaned, watertight structure capable of withstanding the anticipated stresses/loads for full and empty conditions taking into consideration climatic, hydrostatic, seismic, and the integration of the AQUATIC VENUE with other structural conditions and as required by other regulatory entities.	NAC 444.114 Side walls and bottoms.  2. Pools must be constructed of concrete or other impervious and structurally rigid materials with a finish adapted to the bathing demands of different areas of the pools. All side walls and bottom surfaces must be watertight, free from structural cracks, and have a slip-resistant finish which is smooth and easily cleanable. Floors and walls below the gutter and 6-inch tile line must be white or light pastel in color and must reflect any natural or artificial light.	REWORDED TO MIRROR MAHC

	PROPOSED 2017 SOUTHERN NEVADA HEALTH DISTRICT AQUATIC FACILITY REGULATIONS	CURRENT - NEVADA ADMINISTRATIVE CODE 444	TYPE OF OR REASON FOR CHANGE
		<ul> <li>4. All corners formed by the intersection of walls and floors must be covered. Painting of new pools is not recommended.</li> <li>5. Provision must be made for the relief of pressures which might occur as a result of unbalanced exterior hydrostatic pressures, or means must be provided for positive and continuous drainage from under the pool floor and around the pool walls wherever groundwater is present.</li> </ul>	
2-201.2	All materials shall be inert, non-toxic, resistant to corrosion, impervious, enduring, and resistant to damages related to environmental conditions of the installation region.	NAC 444.114 Side walls and bottoms.  1. The side walls and bottoms of all pools must be constructed of materials which are inert, nontoxic to humans, impervious, permanent and enduring and which can withstand the anticipated loading for empty and full conditions.	REWORDED TO MIRROR MAHC
2-201.3	Where located in areas subject to freezing, AQUATIC VENUES and appurtenances shall be protected and designed to protect against freezing.	NAC 444.114 Side walls and bottoms. 6 . Provision must be made to protect the pool structure from both internal and external stresses which may develop due to freezing.	REWORDED TO MIRROR MAHC
2-201.4	POOLS shall be designed in such a way to maintain their ability to retain the designed amount of water. [NEW]	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT
(A) (B) (C) (D)	All vertical walls shall have a durable finish suitable for regular scrubbing and cleaning at the waterline.  The finish shall be able to withstand daily brushing, scrubbing, and cleaning of the surface in accordance with the manufacturer's recommendations.  Skimmer pools shall have a six (6) inch to 12 inch high waterline finish that meets the requirements of this section.  Gutter or perimeter overflow systems shall have a minimum finish height of two (2) inches that meets the requirements of this section.  If dark colors in excess of what is required in these Regulations are used for the POOL finish, these colors shall not extend more than 12 inches below the waterline.	NAC 444.114 Side walls and bottoms. 3. Any design incorporated into the construction of a pool or painted on the floor or walls must not prevent the detection of algae, sediment, a human in distress or other objects in the pool. Permission in writing from the health authority for the use of a design must be obtained before the design is used.	REWORDED TO MIRROR MAHC
2-201.6	Pool floors in areas less than three (3) feet deep shall have a slip resistant finish with a minimum dynamic coefficient of friction at least equal to the requirements of ANSI A137.1-2012 of 0.42 as measured by the DCOF AcuTest. [NEW]	NAC 444.114 Side walls and bottoms.  2 All side walls and bottom surfaces must be watertight, free from structural cracks, and have a slip-resistant finish which is smooth and easily cleanable	REWORDED TO MIRROR MAHC
2-201.7	Stainless steel, vinyl, PVC-P, or PVC panel and liner POOL finish systems shall be acceptable provided that the system is installed on top of APPROVED materials and design requirements as listed within this section or APPROVED by the HEALTH AUTHORITY. If at any time the liner system is damaged or cut in such a way that its integrity is compromised, the POOL shall be shut down until the system is fully repaired. [NEW]	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT
2-201.8	Wood, porous stone, loose pebbles, or earth shall not be permitted as an interior finish.  [NEW]	NAC 444.114 Side walls and bottoms.  1. The side walls and bottoms of all pools must be constructed of materials which are inert, nontoxic to humans, impervious, permanent and enduring	REWORDED TO MIRROR MAHC

	PROPOSED 2017 SOUTHERN NEVADA HEALTH DISTRICT AQUATIC FACILITY REGULATIONS	CURRENT - NEVADA ADMINISTRATIVE CODE 444	TYPE OF OR REASON FOR CHANGE
		and which can withstand the anticipated loading for empty and full conditions.	
2-202	Indoor Aquatic Facility		
	The interior building finishes of an INDOOR AQUATIC FACILITY shall be designed for an indoor relative humidity as not less than 80 percent. [NEW]	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT
(A)	Mechanical Systems  AIR HANDLING SYSTEMS must be designed in accordance with applicable regulatory requirements.	NAC 444.228 Ventilation.  1. Indoor pools, shower rooms, dressing rooms, and toilets of all public bathing or swimming	REWORDED TO MIRROR MAHC
(B)	Filters for outdoor-air intake shall be rated moisture-resistant.	facilities and natural bathing places must be properly ventilated. The ventilating system for indoor pools must be so designed as to prevent direct drafts on the bathers.  2. All interior rooms must be ventilated so that they do not remain excessively damp.	
2-202.3 (A)	INDOOR AQUATIC FACILITY Doors INDOOR AQUATIC FACILITY doors shall either be constructed of corrosion-resistant materials or have a covering or coating designed to withstand humid and corrosive environments which is acceptable to the HEALTH AUTHORITY.	NAC 444.136 Barriers; exclusion of unauthorized persons. 6. Any gate or door that opens into the pool area: (d) Must, in the case of an indoor pool, be made	REWORDED TO MIRROR MAHC; MORE SPECIFIC REQUIREMENTS
(B)	INDOOR AQUATIC FACILITY doors which may be exposed to temperatures below INDOOR AQUATIC FACILITY-air dew point shall have thermal breaks, insulation, and/or glazing as necessary to minimize the risk of uncontrolled condensation.	of metal and installed in a metal frame.	NEGONE MENTO
(C) (D)	INDOOR AQUATIC FACILITY doors and/or door frames shall be equipped with seals and/or gaskets to minimize air leakage when the door is closed.  All pedestrian doors around the INDOOR AQUATIC FACILITY perimeter shall be equipped		
	with an automatic door closer capable of closing the door completely with a self-latching device designed to engage and keep the door closed without human assistance.		
2-202.4	INDOOR AQUATIC FACILITY window frames shall be constructed of suitable materials or shall have a suitable covering or coating designed to withstand the expected atmosphere, not contribute to microbial growth and are constructed to minimize the risk of uncontrolled condensation. [NEW]	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT
2-3	Aquatic Venue Structure		
2-301	Design for Risk Management  Design of AQUATIC FACILITIES and/or AQUATIC VENUE(s) shall include the OWNER and/or an aquatic risk management consultant to incorporate operational considerations such as the layout for zones of BATHER surveillance and an unobstructed view of the bottom of the AQUATIC VENUE. [NEW]	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT
	The AQUATIC VENUE shape shall provide for the safety of BATHERS and PATRONS, thorough and complete circulation of the water, the ability to clean and maintain the AQUATIC VENUE, and the supervision of BATHERS and PATRONS using the AQUATIC VENUE.	NAC 444.112 Shape.  1. The shape of any pool must be such that the circulation of pool water and supervision of swimmers are not impaired.	REWORDED TO MIRROR MAHC
2-301.2 (A)	The water in an AQUATIC VENUE shall be sufficiently clear so that the pattern of the main suction outlet is visible while the water is static.  To make this observation, the main suction outlet shall be located at the deepest part of the POOL.	NAC 444.148 Quality of water.  5. The water must have sufficient clarity at all times so that the pattern of the main drain in any pool is clearly visible from the walk at the deep	REWORDED TO MIRROR MAHC; MORE SPECIFIC REQUIREMENTS

	PROPOSED 2017 SOUTHERN NEVADA HEALTH DISTRICT AQUATIC FACILITY REGULATIONS	CURRENT - NEVADA ADMINISTRATIVE CODE 444	TYPE OF OR REASON FOR CHANGE
(B) (C)	The main suction outlet shall be visible at all times at any point on the DECK up to 30 feet away in a direct line of sight from main suction outlet.  For SPAS, this test shall be performed when the water is in a non-turbulent state and bubbles have been allowed to dissipate.	end. Failure to meet this requirement constitutes a ground for the immediate closing of the facility.	
2-302	Bottom Slope		
2-302.1	The bottom slope of a POOL shall be governed by the following parameters, but WAIVERS or VARIANCES may be granted for special uses and situations so long as public safety and health are not compromised. [NEW]	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT
2-302.2	In water depths under five (5) feet, the slope of the floor of all POOLS shall not exceed one (1) foot vertical drop for every 12 feet horizontal.	NAC 444.120 Slope.  1. Except as otherwise provided in NAC 444.1958, the floor slope in a pool must not be steeper than: (a) One in 12 in the shallow end; or	REWORDED TO MIRROR MAHC
2-302.3	In water depths five (5) foot and greater, the slope of the floors of all POOLS shall not exceed <i>one</i> (1) foot vertical to three (3) feet horizontal, except that POOLS designed and used for competitive diving shall be designed to meet the standards of the sanctioning organization (such as NFSHSA, NCAA, USA Diving or FINA).	NAC 444.120 Slope.  1. Except as otherwise provided in NAC 444.1958, the floor slope in a pool must not be steeper than: (b) One in 3 in the deep end.	REWORDED TO MIRROR MAHC
2-302.4	Pools shall be designed so that they drain without leaving puddles or trapped standing water.	NAC 444.120 Slope.  2. The slope must be uniform, and the bottom surface must be smooth but must have a slipresistant finish.  3. All portions of the pool bottom must have a definite slope toward the pool drains.	REWORDED TO MIRROR MAHC
2-303	Pool Access and Egress		
2-303.1 (A) (B) (C) (D)	Each POOL shall have a minimum of two means of access and egress, and no less than one for each 75 feet of perimeter, with the exception of:  SPAS;  WATERSLIDE LANDING POOLS;  WATERSLIDE RUNOUTS; and  WAVE POOLS. [NEW]	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT
	Acceptable means of access/egress shall include stairs/handrails, grab rails/RECESSED STEPS, ladders, ramps, swimouts, and zero-depth entries. [NEW]	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT
2-303.3	For POOLS wider than 30 feet, such means of access/egress shall be provided on each side of the POOL, and shall not be more than 75 feet apart.	NAC 444.128 Ladders and stairs.  1. Stairs or ladders must be provided at the shallow portion of a pool if the vertical distance from the bottom of the pool to the deck or walk is over 2 feet (0.6 meter). Stairs or ladders must be provided at the deep portion of the pool. If the pool is over 30 feet (9.1 meters) wide, such stairs or ladders must be provided at each side of the deep portion of the pool.  2. A minimum of one ladder must be provided for each 75 feet (22.3 meters) of perimeter and not less than two ladders must be provided at any	REWORDED TO MIRROR MAHC

	PROPOSED 2017 SOUTHERN NEVADA HEALTH DISTRICT AQUATIC FACILITY REGULATIONS	CURRENT - NEVADA ADMINISTRATIVE CODE 444	TYPE OF OR REASON FOR CHANGE
		pool. Where stairs are provided in a pool, one ladder may be deleted for each set of stairs provided.	
2-304	Stairs		
2-304.1	Where provided, stairs shall be constructed with slip-resistant materials.	NAC 444.128 Ladders and stairs. 6. Stairs leading into the pool must be of slipresistant design,	REWORDED TO MIRROR MAHC
2-304.2	The leading horizontal and vertical edges of stair treads shall be outlined with slip- resistant contrasting tile or other permanent marking of two (2) inches on the tread and one to two (2) inches on the riser.	NAC 444.128 Ladders and stairs. 6 The edge of the stair tread must be constructed of a material so colored as to contrast with the color of the stairs and be clearly visible and evident to bathers.	REWORDED TO MIRROR MAHC
2-304.3	Where stairs are provided in POOL water depths greater than five (5) feet, they shall be recessed and not protrude into the swimming area of the POOL. The lowest tread shall be at least four (4) feet below normal water elevation.	NAC 444.128 Ladders and stairs.  7. All stairs entering a pool must be recessed into the walls of the pool and a guardrail must be provided in the walkway around the stairwell. An exception to this will permit the construction of steps at the shallow end of the pool. An approved handrail must be provided for each set of stairs.  NAC 444.116 Limitations on depth; signs prohibiting diving.  1. Every swimming pool must have a minimum depth in the shallow area of the main swimming pool area of not less than 3 feet (0.9 meter) or more than 3 feet 6 inches (1.1 meters) from the normal operating level to the floor. Exceptions may be made for special purpose pools, or in a recessed area of the main swimming pool where the pool is of an irregular shape such as the leg of a T, L or Z, separated from the main pool by a lifeline.	REWORDED TO MIRROR MAHC
	Dimensions of stair treads shall conform to the following requirements: The tread of the first step must be between 12 inches and 18 inches, the tread of the remaining steps must be between 12 inches and 18 inches, all steps must be a minimum of 24 inches wide.	NAC 444.128 Ladders and stairs. 6 have a minimum tread of 12 inches (30 centimeters),	REWORDED TO MIRROR MAHC
	Stair risers shall have a minimum uniform height of six (6) inches and a maximum height of 12 inches, with a tolerance of ½ inches between adjacent risers. Stairs shall not be used underwater to transition between two sections of POOL of different depths.  Note: The bottom riser may vary due to potential cross slopes with the POOL floor; however, the bottom step riser may not exceed the maximum allowable height required by this section.	NAC 444.128 Ladders and stairs. 6 and a maximum rise of 10 inches (25 centimeters)	REWORDED TO MIRROR MAHC
2-304.6	The top surface of the uppermost stair tread shall be located not more than 12 inches below the POOL coping or DECK.	NAC 444.444 Spa steps and recessed steps. 2. Step risers must not be less than 7 inches (17.78 cm) high nor more than 1 foot (30.48 cm) high. When the bottom tread serves as a bench or seat,	REWORDED TO MIRROR MAHC

<u>!</u>	PROPOSED 2017 SOUTHERN NEVADA HEALTH DISTRICT AQUATIC FACILITY REGULATIONS	CURRENT - NEVADA ADMINISTRATIVE CODE 444	TYPE OF OR REASON FOR CHANGE
		the bottom riser must be no more than 1 foot 2	
		inches (35.56 cm) high. The first and last risers	
		need not be uniform in height, but must comply with the requirements of this subsection. The	
		height of the top riser must be measured from the	
		finished deck. Risers between the first and last	
		risers must be uniform in height.	
2-304.7	For POOLS with PERIMETER GUTTER SYSTEMS, the gutter may serve as a step, provided that	NEW REQUIREMENT NOT FOUND IN	NEW
	the gutter is provided with a grating or cover and conforms to all construction and	CURRENT NAC 444	REQUIREMENT
	dimensional requirements herein specified. [NEW]		
2-304.8	Extended treads may vary from the maximum tread depth dimension values. The	NEW REQUIREMENT NOT FOUND IN	NEW
_	maximum water depth above an extended tread must not exceed 18 inches. [NEW]	CURRENT NAC 444	REQUIREMENT
2-305	Handrails		
2-305.1	Handrail(s) shall be provided for each set of stairs and not obstruct access to the stair	NEW REQUIREMENT NOT FOUND IN	NEW
	treads. [NEW]	CURRENT NAC 444	REQUIREMENT
2-305.2	Handrails shall be constructed of corrosion-resistant materials, and anchored securely	NEW REQUIREMENT NOT FOUND IN	NEW
	with a space at least three (3) inches from the adjacent riser. [NEW]	CURRENT NAC 444	REQUIREMENT
2-305.3	The upper railing surface of handrails shall extend above the POOL coping or DECK	NEW REQUIREMENT NOT FOUND IN	NEW
	between 34 inches and 38 inches. [NEW]	CURRENT NAC 444	REQUIREMENT
2-305.4	Stairs wider than five (5) feet shall have at least one additional handrail for every 10 feet	NEW REQUIREMENT NOT FOUND IN	NEW
2 2 2 2 2	of stair width. [NEW]	CURRENT NAC 444	REQUIREMENT
2-305.5	Handrails shall be designed to resist a load of 50 pounds per linear foot applied in any	NEW REQUIREMENT NOT FOUND IN	NEW
	direction and independently a single concentrated load of 200 pounds applied in any direction at any location. Hand rails shall be designed to transfer these loads through	CURRENT NAC 444	REQUIREMENT
	the supports to the POOL or DECK structure. [NEW]		
2-306	Grab Rails		
			T
2-306.1	Where grab rails are provided, they shall be constructed of corrosion-resistant materials.	NEW REQUIREMENT NOT FOUND IN	NEW
0.000.0	[NEW]	CURRENT NAC 444	REQUIREMENT
2-306.2	Grab rails shall be anchored securely. [NEW]	NEW REQUIREMENT NOT FOUND IN	NEW
2 206 2	Crob rails aball he provided at both sides of PECESSES STEES INFIMI	CURRENT NAC 444  NEW REQUIREMENT NOT FOUND IN	REQUIREMENT NEW
2-306.3	Grab rails shall be provided at both sides of RECESSED STEPS. [NEW]	CURRENT NAC 444	REQUIREMENT
2-306 4	The horizontal clear space between grab rails shall be not less than 18 inches and not	NEW REQUIREMENT NOT FOUND IN	NEW
_ 500.7	more than 24 inches. [NEW]	CURRENT NAC 444	REQUIREMENT
2-306.5	The upper railing surface of grab rails shall extend above the POOL coping or DECK a	NEW REQUIREMENT NOT FOUND IN	NEW
	minimum of 28 inches. [NEW]	CURRENT NAC 444	REQUIREMENT
2-306.6	Grab rails shall be designed to resist a load of 50 pounds per linear foot applied in any	NEW REQUIREMENT NOT FOUND IN	NEW
	direction and independently a single concentrated load of 200 pounds applied in any	CURRENT NAC 444	REQUIREMENT
	direction at any location. Grab rails shall be designed to transfer these loads through the		
	supports to the POOL or DECK structure. [NEW]		
2-307	Recessed Steps		
	RECESSED STEPS shall:	NAC 444.446 Recessed treads	REWORDED TO
(A)	Be slip-resistant;		MIRROR MAHC

<u> </u>	PROPOSED 2017 SOUTHERN NEVADA HEALTH DISTRICT AQUATIC FACILITY REGULATIONS	CURRENT - NEVADA ADMINISTRATIVE CODE 444	TYPE OF OR REASON FOR CHANGE
(B)	Be designed to be easily cleaned; and Drain into the POOL. [NEW]	Stephole treads must be sloped to drain into the spa to prevent accumulation of dirt.	
(C) 2-307.2	RECESSED STEPS shall be uniformly spaced not less than six (6) inches and not more than 12 inches vertically along the POOL wall. [NEW]	NAC 444.446 Recessed treads  1. Stepholes must be: (a) Uniformly spaced, not more than 1 foot (30.48 cm) nor less than 7 inches (17.48 cm) apart at the centerline. (b) At least 5 inches (12.70 cm) deep and at least 1 foot (30.48 cm) wide.	REWORDED TO MIRROR MAHC
	Each recessed step must be uniformly constructed to provide for a height of five (5) inches, depth of five (5) inches, and a width of 12 inches.	NAC 444.128 Ladders and stairs.  4. If stepholes are provided, they must be of such design that they may be readily cleaned and must drain into the pool to prevent accumulation of dirt. Stepholes must have a minimum tread of 5 inches (13 centimeters) and a minimum width of 14 inches (36 centimeters).	REWORDED TO MIRROR MAHC
	The top surface of the uppermost RECESSED STEP shall be located not more than 12 inches below the POOL coping or DECK. [NEW]	NAC 444.446 Recessed treads 3. The vertical distance between the spa coping edge and the uppermost recessed tread must be 1 foot (30.48 cm) or less.	REWORDED TO MIRROR MAHC
2-307.5	For POOLS with PERIMETER GUTTER SYSTEMS, the gutter may serve as a step, provided that the gutter is provided with a grating or cover and conforms to all construction and dimensional requirements herein specified. [NEW]	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT
2-308	Ladders		
2-308.1	Where provided, ladders shall be constructed of corrosion-resistant materials and be anchored securely to the DECK.	NAC 444.128 Ladders and stairs. 3. Pool ladders must be corrosion resistant and must be equipped with slip-resistant treads.	REWORDED TO MIRROR MAHC
(A) (B) (C) (D) (E)	Ladder Handrails Ladders shall have two handrails. The horizontal clear space between handrails shall be not less than 18 inches and not more than 24 inches. The upper railing surface of handrails shall extend above the POOL coping or DECK a minimum of 28 inches. The clear space between handrails and the POOL wall shall be not less than three (3) inches and not more than six (6) inches. Ladders shall be designed to resist a load of 50 pounds per linear foot applied in any direction and independently a single concentrated load of 200 pounds applied in any direction at any location. Ladders shall be designed to transfer these loads through the supports to the POOL or DECK structure.	NAC 444.128 Ladders and stairs. 5. A side handrail extending up above and returning to the horizontal surface of the pool deck, curb, or coping must be provided at each side of each ladder or set of stepholes. There must be a clearance of not more than 5 inches (13 centimeters) or less than 3 inches (9 centimeters) between the ladder and the pool wall.	REWORDED TO MIRROR MAHC
2-308.3 (A) (B)	Ladder Treads Ladder treads shall be slip-resistant. Ladder treads shall have a minimum horizontal tread depth of 1.5 inches and the distance between the horizontal tread and the POOL wall shall not be greater than four (4) inches.	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT

	PROPOSED 2017 SOUTHERN NEVADA HEALTH DISTRICT AQUATIC FACILITY REGULATIONS	CURRENT - NEVADA ADMINISTRATIVE CODE 444	TYPE OF OR REASON FOR CHANGE
(C)	Ladder treads shall be uniformly spaced not less than seven (7) inches and not more than 12 inches vertically at the handrails.		
(D)	The top surface of the upmost ladder tread shall be located not more than 12 inches below the POOL coping, gutter, or DECK. [NEW]		
2-309	Zero Depth (Sloped) Entries		
	Where ZERO DEPTH ENTRIES are provided, they shall be constructed with slip-resistant materials. [NEW]	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT
2-309.2	ZERO DEPTH ENTRIES shall have a maximum floor slope of 1:12, consistent with the requirements of Section 2-302. Changes in floor slope shall be permitted.	NAC 444.116 Limitations on depth; signs prohibiting diving.  1. Every swimming pool must have a minimum depth in the shallow area of the main swimming pool area of not less than 3 feet (0.9 meter) or more than 3 feet 6 inches (1.1 meters) from the normal operating level to the floor. Exceptions may be made for special purpose pools, or in a recessed area of the main swimming pool where the pool is of an irregular shape such as the leg of a T, L or Z, separated from the main pool by a lifeline.	REWORDED TO MIRROR MAHC
2-309.3 (A) (B)	Trench drains shall be used along ZERO DEPTH ENTRIES at the waterline to facilitate surface skimming.  The trenches may be flat or follow the slope of the ZERO DEPTH ENTRY.  Any handholds that present a trip hazard shall not be continuous along the ZERO DEPTH ENTRY. [NEW]	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT
2-3010	Color and Finish		
(A) (1) (2) (3) (B) (C) (1) (2) (3) (4) (5) (6) (D)	1Floors and walls below the water line shall be white or light pastel in color such that from the POOL DECK a BATHER is visible on the POOL floor and The following items can be identified: Algae growth, debris or dirt within the POOL; Cracks in the surface finish of the POOL; and Suction outlets defined in Section 2-301.2. The finish shall be at least 6.5 on the Munsell color value scale. An exception shall be made for the following AQUATIC VENUE components: Competitive lane markings; Dedicated competitive diving well floors; Step or bench edge markings; Water line tiles; WAVE POOL and SURF POOL depth change indicator tiles; or Other APPROVED designs. Munsell color values less than 6.5 or designs such as rock formations may be permitted by the HEALTH AUTHORITY as long as it does not exceed 12 inches below the water surface.	NAC 444.114 Side walls and bottoms.  2 Floors and walls below the gutter and 6-inch tile line must be white or light pastel in color and must reflect any natural or artificial light.	REWORDED TO MIRROR MAHC; MORE SPECIFIC REQUIREMENTS
2-3010.	2The HEALTH AUTHORITY may grant a WAIVER to the color requirements of these Regulations for Munsell color values less than 6.5./.Competitive or lap POOLS may have	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT

	PROPOSED 2017 SOUTHERN NEVADA HEALTH DISTRICT AQUATIC FACILITY REGULATIONS	CURRENT - NEVADA ADMINISTRATIVE CODE 444	TYPE OF OR REASON FOR CHANGE
	lane markings and end wall targets installed in accordance with FINA, NCAA, USA Swimming, NFSHSA, or other recognized STANDARDS. [NEW]		
	<b>3</b> Any graphics, color, or finish incorporated into the construction of a POOL or painted on the floor or walls must not prevent the detection of a BATHER in distress, algae, sediment, or other objects in the AQUATIC VENUE. Permission in writing from the HEALTH AUTHORITY for the use of any graphics shall be obtained before the graphics are used.	NAC 444.114 Side walls and bottoms.  3. Any design incorporated into the construction of a pool or painted on the floor or walls must not prevent the detection of algae, sediment, a human in distress or other objects in the pool. Permission in writing from the health authority for the use of a design must be obtained before the design is used.	REWORDED TO MIRROR MAHC
2-3011	Walls		
2-3011.	1 POOL walls shall be plumb within a plus or minus (+/-) three degree tolerance, unless the wall design requires structural support ledges and slopes below to support the upper wall. Refer to Figure 2-3011.3. [NEW]	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT
	2All corners created by adjoining floors and walls must be of a coved design.	NAC 444.114 Side walls and bottoms.  4. All corners formed by the intersection of walls and floors must be covered. Painting of new pools is not recommended.	REWORDED TO MIRROR MAHC
2-3011.	3All structural support ledges and slopes of the wall shall fall entirely within a plane slope from the water line at not greater than a +/- three degree tolerance. A contrasting color shall be provided on the edges of any support ledge to draw attention to the ledge for BATHER safety. All corners created by adjoining walls shall be rounded or have a radius in both the vertical and horizontal dimensions to eliminate sharp corners. There shall be no projections from a POOL wall with the exception of structures or elements such as stairs, grab rails, ladders, handholds, PENINSULAS, WING WALLS, underwater lights, safety ropes, WATERSLIDES, play features, other APPROVED POOL amenities, UNDERWATER BENCHES, and UNDERWATER LEDGES as described in this section. Refer to Figure 2-3011.3. [NEW]	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT
2-3012	Structural Stability		
	1 Pools shall be designed to withstand the reasonably anticipated loads imposed by Pool water, BATHERS, and adjacent soils or structures. [NEW]	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT
2-3012.	2A hydrostatic relief valve and/or suitable under drain system shall be provided where the water table exerts hydrostatic pressure to uplift the POOL when empty or drained.	NAC 444.114 Side walls and bottoms.  5. Provision must be made for the relief of pressures which might occur as a result of unbalanced exterior hydrostatic pressures, or means must be provided for positive and continuous drainage from under the pool floor and around the pool walls wherever groundwater is present.	REWORDED TO MIRROR MAHC
2-3012.	3POOLS and related circulation piping shall be designed with a winterizing strategy when in an area subject to freeze/thaw cycles.	NAC 444.114 Side walls and bottoms. 6. Provision must be made to protect the pool structure from both internal and external stresses which may develop due to freezing.	REWORDED TO MIRROR MAHC

	PROPOSED 2017 SOUTHERN NEVADA HEALTH DISTRICT AQUATIC FACILITY REGULATIONS	CURRENT - NEVADA ADMINISTRATIVE CODE 444	TYPE OF OR REASON FOR CHANGE
2-3013	Handholds		
	1 Where not otherwise exempted, every POOL shall be provided with handholds (such as PERIMETER GUTTER SYSTEM, coping, horizontal bars, recessed handholds, cantilevered DECKING) around the perimeter of the POOL where the water depth at the wall exceeds 24 inches. These handholds shall be installed not greater than nine (9) inches above, or three (3) inches below static water level.	NAC 444.130 Handholds.  1. Every pool must be provided with a handhold around the entire perimeter of the pool, such as a perimeter overflow system, bull-nosed coping or cantilevered decking, installed not more than 9 inches (22.86 centimeters) above the waterline.  2. For special purpose pools used for instruction or competitive swimming, a handhold at water level similar to the rim of a perimeter overflow system is required.	REWORDED TO MIRROR MAHC
(A) (B)	2Horizontal recesses may be used for handholds provided they are a minimum of 24 inches long, a minimum of four (4) inches high and between two (2) inches and three (3) inches deep.  Horizontal recesses shall drain into the POOL.  Horizontal recesses need not be continuous but consecutive recesses shall be separated by no more than 12 inches of wall.	NAC 444.166 Gutters.  2. The overflow gutter may also serve as a handhold. The overflow edge must be rounded and must not be thicker than 2 1/2 inches (6 centimeters) for the top 2 inches (5 centimeters).  3. The gutter lip must be smooth and uniform and at a precise level in a horizontal plane so far as is practical within the limits of craftsmanship.	REWORDED TO MIRROR MAHC
2-3013.	<b>3</b> Where PERIMETER GUTTER SYSTEMS are not provided, a coping or cantilevered DECKING of reinforced concrete or material equivalent in strength and durability, with rounded, slip-resistant edges shall be provided.	NAC 444.130 Handholds.  3. If a perimeter overflow system is not provided, bull-nosed coping, cantilevered decking of reinforced concrete or material equivalent in strength and durability must be provided. The coping, decking or other material must have rounded, slip-resistant edges, and must not exceed 3 1/2 inches (8.89 centimeters) in thickness. The overhang of the coping, decking or other material must not exceed 2 inches (5.08 centimeters) nor be less than 1 inch (2.54 centimeters).	REWORDED TO MIRROR MAHC
	4The overhang for coping or cantilevered DECKING shall not be greater than two (2) inches from the vertical plane of the POOL wall, nor less than one (1) inch.	See NAC 444.130(3)	REWORDED TO MIRROR MAHC
	5The overhang for coping or cantilevered DECKING shall not exceed 3.5 inches in thickness for the last two (2) inches of the overhang.	See NAC 444.130(3)	REWORDED TO MIRROR MAHC
2-3014	Infinity Edges		
	1 Not more than fifty percent (50 percent) of the POOL perimeter shall incorporate an INFINITY EDGE detail, unless an adjacent and PATRON accessible DECK space conforming to Sections 2-601.1 and 2-601.3 is provided. [NEW]  2 The length of an INFINITY EDGE shall be no more than 30 feet long when in water depths	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444  NEW REQUIREMENT NOT FOUND IN	NEW REQUIREMENT NEW
	greater than five (5) feet. No maximum distance is enforced for the length of INFINITY EDGES in SHALLOW WATER five (5) feet and less. [NEW]	CURRENT NAC 444  NEW REQUIREMENT NOT FOUND IN	REQUIREMENT NEW
2-3014.	3Handholds conforming to the requirements of Section 2-3013 shall be provided for INFINITY EDGES, which may be separate from, or incorporated as part of the INFINITY EDGE detail. [NEW]	CURRENT NAC 444	REQUIREMENT

	PROPOSED 2017 SOUTHERN NEVADA HEALTH DISTRICT AQUATIC FACILITY REGULATIONS	CURRENT - NEVADA ADMINISTRATIVE CODE 444	TYPE OF OR REASON FOR CHANGE
	4Where INFINITY EDGES are provided, they shall be constructed of reinforced concrete or other impervious and structurally rigid material(s), and designed to withstand the loads imposed by POOL water, BATHERS, and adjacent soils or structures. [NEW]	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT
	5Troughs, basins, or capture drains designed to receive the overflow from INFINITY EDGES shall be watertight, free from STRUCTURAL CRACKS, and have a non-toxic, smooth, and slip-resistant finish. [NEW]	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT
2-3015	Underwater Benches		
2-3015.	1 Where provided, UNDERWATER BENCHES shall be constructed with slip-resistant materials having a minimum dynamic coefficient of friction of friction at least equal to the requirements of ANSI A137.1-2012 of 0.42 as measured by DCOF AcuTest. [NEW]	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT
	2The leading horizontal and vertical edges of UNDERWATER BENCHES shall be outlined with slip-resistant color contrasting tile or other permanent marking of two (2) inches on the horizontal surface and one to two inches (1-2 inches) on the vertical surface. [NEW]	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT
2-3015.	<b>3</b> UNDERWATER BENCHES may be installed in areas of varying depths, but the maximum POOL water depth in that area shall not exceed five (5) feet. [NEW]	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT
2-3015.	4The maximum submerged depth of any seat or sitting bench shall be 24 inches measured from the water line. [NEW]	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT
2-3016	Underwater Ledges		
2-3016.	1 Where UNDERWATER LEDGES are provided to enable swimmers in DEEP WATER to rest or to provide structural support for an upper wall, they shall be constructed with slip-resistant materials. [NEW]	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT
2-3016.	2UNDERWATER LEDGES for resting may be recessed or protrude beyond the vertical plane of the POOL wall, provided they meet the criteria for slip resistance and tread depth outlined in this section. [NEW]	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT
(A)	3UNDERWATER LEDGES for resting shall only be provided within areas of a POOL with a five (5) feet or greater water depth.  UNDERWATER LEDGES must start no earlier than four (4) lineal feet to the deep side of the five (5) foot slope break.	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT
(B) 2-3016.	UNDERWATER LEDGES must be at least four (4) feet below static water level. [NEW]  4UNDERWATER LEDGES for structural support of upper walls are allowed. [NEW]	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT
2-3016.	5The edges of UNDERWATER LEDGES shall be outlined with slip-resistant color contrasting tile or other permanent marking of not less than one (1) inch and not greater than two (2) inches. If they project past the plane of the POOL wall, the edges of UNDERWATER LEDGES shall be clearly visible from the DECK. [NEW]	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT
2-3016.	6UNDERWATER LEDGES shall have a maximum uniform horizontal tread depth of four (4) inches. See Figure 2-3011.3. [NEW]	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT
2-3017	Underwater Shelves		
2-3017.	1 UNDERWATER SHELVES may be constructed immediately adjacent to water shallower than five (5) feet. [NEW]	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT
2-3017.	<b>2</b> UNDERWATER SHELVES shall have a slip-resistant, color contrasting nosing at the leading horizontal and vertical edges on both the top of horizontal edges and leading vertical edges and should be viewable from the DECK or from underwater. [NEW]	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT

	PROPOSED 2017 SOUTHERN NEVADA HEALTH DISTRICT AQUATIC FACILITY	CURRENT - NEVADA ADMINISTRATIVE CODE 444	TYPE OF OR REASON FOR
	REGULATIONS	<u> </u>	CHANGE
2-3017	3UNDERWATER SHELVES shall have a maximum depth of 24 inches. [NEW]	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT
2-3018	Depth Markers and Markings		
2-3018	3.1Location	NAC 444.118 Marking depth.	REWORDED TO
(A)	POOL water depths shall be clearly and permanently marked at the following locations:	1. The depth of the water in a pool must be plainly	MIRROR MAHC;
(1)	Minimum depth;	marked in units of feet at or above the water	MORE SPECIFIC
(2)	Maximum depth;	surface on the vertical pool wall at maximum and	REQUIREMENTS
(3)	On both sides and at each end of the POOL; and	minimum points and at the points of break	
(4)	At the break in the floor slope between the shallow and deep portions of the POOL.	between the deep and shallow portions and at	
(B)	Depth markers shall be located on the vertical POOL wall and positioned to be read from	intermediate increments of depth, spaced at not	
	within the POOL.	more than 25-foot (7.6-meter) intervals.	
(C)	Where depth markings cannot be placed on the vertical wall above the water level, other	Depth markers must be in numerals not less	
	means shall be used so that the markings will be plainly visible to BATHERS in the POOL.	than 4 inches (10 centimeters) in height and of a	
(D)	Depth markers shall also be located on the horizontal POOL coping or DECK within 18	color contrasting with the background. Markers	
<b>(-</b> )	inches of the POOL structural wall or perimeter gutter.	must be on both sides and at the ends of the pool.	
(E)	Depth markers shall be positioned to be read while standing on the DECK facing the	3. The markings must be plainly visible to persons	
<b>(C</b> )	POOL.	in the pool and to persons about to enter the	
(F)	Depth markers shall be installed at not more than 25 foot intervals around the POOL	water.	
	perimeter edge and according to the requirements of this section. In addition, for water less than five (5) feet in depth, the depth shall be marked at one (1) foot depth intervals.		
2 2010	2.2Construction/Size	NEW REQUIREMENT NOT FOUND IN	NEW
(A)	Depth markers shall be constructed of a durable material resistant to weather conditions.	CURRENT NAC 444	REQUIREMENT
(A) (B)	Depth markers shall be slip resistant when they are located on horizontal surfaces.	CORRENT NAC 444	REQUIREWENT
(C)	Depth markers shall have numbers with a minimum height of four (4) inches and letters		
(0)	with a minimum height of one (1) inch of a contrasting color with the background.		
(D)	Depth markers shall be marked in units of feet and inches.		
(1)	Abbreviations of "FT" and "IN" may be used in lieu of "FEET" and "INCHES."		
(2)	Symbols for feet (') and inches (") shall not be permitted on water depth signs.		
(3)	Metric units may be provided in addition to—but not in lieu of—units of feet and		
(-)	inches.[NEW]		
2-3018	3.3Depth markers shall be located to indicate water depth to the nearest three (3) inches,	NEW REQUIREMENT NOT FOUND IN	NEW
	as measured from the POOL floor three (3) feet out from the POOL wall to the gutter lip,	CURRENT NAC 444	REQUIREMENT
	mid-point of surface SKIMMER(s), or surge weir(s). [NEW]		
2-3018	.4Depth Marking At Break in Floor Slope	NAC 444.126 Lifelines.	REWORDED TO
(A)	For POOLs deeper than five (5) feet, a line of contrasting color, not less than two (2)	Devices for fastening lifelines must be installed	MIRROR MAHC
` ,	inches and not more than six (6) inches in width, shall be clearly and permanently	at least 2 feet (0.6 meter) toward the shallow end	
	installed on the POOL floor at the shallow side of the break in the floor slope, and extend	from the break in grade between the shallow	
	up the POOL walls to the waterline.	portion and the deep portion of a pool. These	
(B)	Depth marking at break in floor slope shall be constructed of a durable material resistant	devices must be securely anchored, of corrosion	
-	to local weather conditions and be slip resistant.	resistant material and of a type which will be	
(C)	When used, a safety rope must be installed one (1) foot to the SHALLOW WATER side of	recessed or have no hazardous projection.	
	the break in floor slope and contrasting band, a safety float rope shall extend across the	2. A lifeline with floats must be installed if required	
	POOL surface.	by the health authority.	
2-3018	8.5 Symmetrical AQUATIC VENUE designs with the deep point at the center may be allowed by	NEW REQUIREMENT NOT FOUND IN	NEW
	providing a dual depth marking system APPROVED by the HEALTH AUTHORITY. The dual	CURRENT NAC 444	REQUIREMENT

	PROPOSED 2017 SOUTHERN NEVADA HEALTH DISTRICT AQUATIC FACILITY REGULATIONS	CURRENT - NEVADA ADMINISTRATIVE CODE 444	TYPE OF OR REASON FOR CHANGE
	depth marking system must indicate the depth at the wall and at the deep point as measured in Section 2-3018.3. [NEW]		
2-3018 (A) (B)	.6Controlled-access AQUATIC VENUES (such as ACTIVITY POOL, LAZY RIVERS, and other venues with limited access) shall only require depth markers on a sign at points of entry.  Depth marker signs shall be clearly visible to PATRONS entering the venue.  All lettering and symbols shall be as required for other types of depth markers. [NEW]	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT
	.7For AQUATIC VENUES with movable floors, a sign indicating movable floor and/or varied water depth shall be provided and clearly visible from the DECK.  The posted water depth shall be the water level to the floor of the AQUATIC VENUE	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT
(B)	according to a vertical measurement taken three (3) feet from the AQUATIC VENUE wall.  A sign shall be posted to inform the public that the AQUATIC VENUE has a varied depth and refer to the sign showing the current depth. [NEW]		
	<b>.8</b> A minimum of two depth markers shall be provided regardless of the shape or size of a SPA. [NEW]	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT
2-3018	.9 AQUATIC VENUES where the maximum water depth is six (6) inches or less (such as WADING POOLS, CHILD AMUSEMENT LAGOONS, and ACTIVITY POOL areas) shall not be required to have depth markings or "No DIVING" signage. [NEW]	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT
2-3018 (A)	For POOL water depths five (5) feet or less, all DECK depth markers shall be provided with "No DIVING" warning signs along with the universal international symbol for "No DIVING." "No DIVING" warning signs and symbols shall be spaced at no more than 25 foot intervals around the POOL perimeter edge.	NAC 444.116 Limitations on depth; signs prohibiting diving.  4. If a pool is not designed for diving, a sign stating "NO DIVING," in contrasting characters of not less than 4 inches (10.16 centimeters) in	NEW REQUIREMENT
(B) (C)	"No DIVING" markers shall be constructed of a durable material resistant to weather conditions.  "No DIVING" markers shall be slip-resistant when they are located on horizontal surfaces.	height, must be posted.	
2-3019	All lettering and symbols shall be at least four (4) inches in height.  Moveable Floors		
2-3019 (A) (B)	.1The moveable floor design shall:  Not impede the effectiveness of the water treatment system, and  Allow for inspection, cleaning and maintenance of the area underneath. [NEW]	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT
	.2The surface of the moveable floor shall be slip resistant if it is intended for installation in water depths less than five (5) feet. [NEW]	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT
2-3019 (A)	A strategy for preventing BATHERS from transitioning to deeper water when a moveable floor is not continuous over the entire surface area of the AQUATIC VENUE shall be provided.	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT
(B) (C) (D)	The underside of the moveable floor shall not be accessible to BATHERS.  The design of a moveable floor shall protect against BATHER entrapment between the moveable floor and the POOL walls and floor.  If the moveable floor is operated using hydraulics, the hydraulic compounds shall be		
. ,	listed as safe for use in POOL water in case there is a hydraulic leak. [NEW]	NEW REQUIREMENT NOT FOUND IN	NEW
2-3019 (A)	.4Movement The speed of a moveable floor shall be less than or equal to 1.5 feet per minute.	CURRENT NAC 444	REQUIREMENT

<u>!</u>	PROPOSED 2017 SOUTHERN NEVADA HEALTH DISTRICT AQUATIC FACILITY REGULATIONS	CURRENT - NEVADA ADMINISTRATIVE CODE 444	TYPE OF OR REASON FOR CHANGE
(B)	Use of the moveable floor portion of the POOL shall not be open to BATHERS when the floor is being raised or lowered. <b>Exception</b> : The moveable floor shall only be used for accessibility purposes under direct supervision. [NEW]		
(A) (B)	5Water Depth and Markings A floor depth indicator shall be provided that displays the current POOL water depth. Warning markings stating "Moveable Floor" shall be provided at 25 foot intervals around the perimeter of the moveable floor. [NEW]	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT
2-3020	Bulkheads		
	1The bottom of the BULKHEAD shall be designed so that a BATHER cannot be entrapped underneath or inside of the BULKHEAD. [NEW]	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT
	2The BULKHEAD placement shall not interfere with the required water circulation in the POOL. [NEW]	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT
[NEW]	3BULKHEADS shall be fixed to their operational position(s) by a tamper-proof system.	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT
	4The gap between the BULKHEAD and the POOL wall shall be no greater than 1.5 inches. [NEW]	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT
	<b>5</b> The BULKHEAD shall be designed to afford an acceptable handhold as required in Section 2-3013. [NEW]	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT
	6Proper access and egress to the POOL as required by Section 2-303 shall be provided when the BULKHEAD is in place. [NEW]	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT
2-3020.7	7Guard railings at least 34 inches tall shall be provided on both ends of the BULKHEAD.  [NEW]	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT
2-3020.8	BThe width of the walkable area (total BULKHEAD width) of a BULKHEAD shall be greater than or equal to three feet and three inches (3 ft. 3 in.).	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT
(A)	If starting platforms are installed, the width of the walkable area (total BULKHEAD width) of a BULKHEAD shall be greater than or equal to three feet and nine inches (3 ft. 9 in.).		
(B)	Starting platforms shall be "side mount" style if BULKHEAD is less than four feet six inches (4 ft. 6 in.) wide. [NEW]		
2-3020.9 (A)	The travel of a BULKHEAD shall be in accordance with one of the following:  Limited such that it cannot encroach on any required clearances of other features, such as diving boards; or	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT
(B)	Designed with modifications incorporated that prevent use of other features when the required clearances have been compromised by the position of the BULKHEAD[NEW]		
2-4	Indoor/Outdoor Environment		
2-401	Lighting		
2-401.1	All lighting associated with an AQUATIC FACILITY must conform to the requirements of the latest National Electrical Code (NEC). [NEW]	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT
2-401.2	Lighting as described in this subsection shall be provided for all AQUATIC VENUES. [NEW]	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT
2-401.3	No lighting controls shall be accessible to PATRONS. [NEW]	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT
2-401.4	Where natural lighting methods are used to meet the light level requirements of Section 2-401.5(A) during portions of the day when adequate natural lighting is available, one of	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT

	PROPOSED 2017 SOUTHERN NEVADA HEALTH DISTRICT AQUATIC FACILITY REGULATIONS	CURRENT - NEVADA ADMINISTRATIVE CODE 444	TYPE OF OR REASON FOR CHANGE
(A) (B)	the following methods shall be used to ensure that lights are turned on when natural lighting no longer meets these requirements:  Automatic lighting controls based on light levels or time of day, or  Written operations procedures where manual controls are used. [NEW]		
2-401.5 (A) (B) (C)	POOL water surface and DECK light levels shall meet the following minimum maintained light levels: Indoor Water Surface: 30 horizontal footcandles (323 lux) Outdoor Water Surface: 10 horizontal footcandles (108 lux) DECK: 10 horizontal footcandles (108 lux). [NEW]	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT
	Overhead Lighting Artificial lighting shall be provided at all AQUATIC VENUES. Lighting shall illuminate all parts of the AQUATIC VENUE including the water, the depth markers, signs, entrances, HYGIENE FACILITIES, restrooms, safety equipment, and the PERIMETER DECK area and walkways.	NAC 444.142 Lighting.  1. Artificial lighting must be provided for all public bathing or swimming facilities, natural bathing places, bathhouses, toilet rooms, dressing rooms, and equipment rooms that are to be used at night or that do not have adequate natural lighting.  2. Pools designed and maintained for use at night must be equipped with lighting designed and spaced so that all parts of the pool, including the bottom, may be readily seen without glare.  3. The lighting system for outdoor pools must be designed with sources of illumination located so as to prevent insects attracted by the lights from falling into the water.	REWORDED TO MIRROR MAHC; MORE SPECIFIC REQUIREMENTS
2-401.7 (A) (1)	Underwater Lighting Underwater lighting, where provided, shall be not less than eight initial rated lumens per square foot of POOL water surface area. Such underwater lights, in conjunction with overhead or equivalent DECK lighting, shall be located to provide illumination so that all portions of the AQUATIC VENUE, including the	NAC 444.142 Lighting.  4. Where underwater lighting is used, not less than 0.5 watts (10 lamp lumens) must be employed per square foot (.093 square meter) of water surface area.	REWORDED TO MIRROR MAHC;
(2) (3) (B) (C)	AQUATIC VENUE bottom and drain(s), may be readily seen.  Higher underwater light levels shall be considered for deeper water to achieve this outcome.  Colored Lights must meet the same requirements for illumination as indicated in this Section.  Dimmable lights shall not be used for underwater lighting.  All underwater light fixture lenses shall be clear.	5. If bathing or swimming at night is permitted and underwater lighting:  (a) Is used, area lighting must be directed toward deck areas to the extent practical and not less than 0.6 watts must be employed per square foot (.093 square meter) of deck area.  (b) Is not used, area and pool lighting must be provided and not less than 2.0 watts must be employed per square foot (.093 square meter) of deck area.  6. The lenses of pool lights must be clear so that the inside of the light is visible during inspection.  7. If lighting is not provided as required by this section, the operator of the facility or natural bathing place:  (a) Shall not permit any use of the facility or bathing place after dark.  (b) Shall post a sign stating "NO SWIMMING, BATHING OR OTHER USE OF FACILITY	

	PROPOSED 2017 SOUTHERN NEVADA HEALTH DISTRICT AQUATIC FACILITY REGULATIONS	CURRENT - NEVADA ADMINISTRATIVE CODE 444	TYPE OF OR REASON FOR CHANGE
		ALLOWED AFTER DARK," in contrasting characters not less than 4 inches (10.16 centimeters) in height, near each entrance to the facility or bathing place.	
2-401.8	Windows and any other features providing natural light into the POOL space and overhead or equivalent DECK lighting shall be designed or arranged to inhibit or reduce glare on the POOL water surface that would prevent seeing objects on the POOL bottom.  [NEW]	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT
2-402	Indoor Aquatic Facility Ventilation		
	I INDOOR AQUATIC FACILITY AIR HANDLING SYSTEMS shall be designed, constructed, and installed to support the health and SAFETY of the building's PATRONS. [NEW]	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT
2-402.2	The AQUATIC FACILITY OWNER shall request from the contractor installing the INDOOR AQUATIC FACILITY AIR HANDLING SYSTEM an operating manual from the manufacturer.  [NEW]	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT
2-402.3 (A)	AIR HANDLING SYSTEM Commissioning A qualified, licensed professional shall commission the AIR HANDLING SYSTEM to verify that the installed system is operating properly in accordance with the system design. [NEW]	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT
2-403	Indoor Aquatic Facility Acoustics		
2-403.1	I INDOOR AQUATIC FACILITIES must receive acoustical treatment which will prevent reverberations of sound that may hinder communication.	NAC 444.144 Acoustics. All indoor pool enclosures must receive acoustical treatment which will prevent reverberations of sound that may result in lack of control on the part of the lifeguards or instructors.	REWORDED TO PROVIDE CONSISTENT LANGUAGE
2-404	Indoor Aquatic Facility Electrical Systems and Components	-	
	Nothing in these Regulations shall be construed as providing relief from any applicable requirements of the NEC and local codes and amendments. [NEW]	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT
2-405	Aquatic Venue Water Heating		
,	When designing POOL heating equipment, measures shall be taken to prevent BATHER exposure to water temperatures in excess of 104°F. [NEW]	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT
2-406	First Aid Area		
	Design and construction of new AQUATIC FACILITIES not directly associated with residential living quarters shall include an area designated for first aid equipment and/or treatment.  [NEW]	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT
2-407	Drinking Fountains		
2-407.1 (A) (B)	A drinking fountain shall be provided inside an AQUATIC FACILITY.  Plans for alternate locations of drinking fountains, the use of bottled water, or water dispensing units may be submitted and evaluated by the HEALTH AUTHORITY.  If the drinking fountain cannot be provided inside the AQUATIC FACILITY, it shall be provided in a common use building or area adjacent to the AQUATIC FACILITY entrance and on the normal path of BATHERS going to the AQUATIC FACILITY entrance.	NAC 444.216 Plumbing requirements.  1. At least one drinking fountain must be made available to bathers at a public bathing or swimming facility. A raised step must be provided to enable children of all sizes to drink from the fountain without assistance.	REWORDED TO MIRROR MAHC; MORE SPECIFIC REQUIREMENTS

<u>!</u>	PROPOSED 2017 SOUTHERN NEVADA HEALTH DISTRICT AQUATIC FACILITY REGULATIONS	CURRENT - NEVADA ADMINISTRATIVE CODE 444	TYPE OF OR REASON FOR CHANGE
	The drinking fountain shall be located where it is readily accessible and not a hazard to BATHERS. The drinking fountain shall not be located in a SHOWER area or toilet area.  [NEW]	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT
	A single drinking fountain shall be allowed for one or more AQUATIC VENUES within an AQUATIC FACILITY. [NEW]	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT
	The drinking fountain shall be an angle jet type installed according to applicable plumbing codes. [NEW]	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT
	The drinking fountain shall be supplied with water from an approved potable water supply. [NEW]	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT
	The wastewater discharged from a drinking fountain shall be routed to an approved sanitary sewer system or other approved disposal area according to applicable plumbing codes. [NEW]	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT
2-408	Trash ReceptaclesV		
2-408.1	A sufficient number of receptacles shall be provided within an AQUATIC FACILITY to ensure that trash can be disposed of properly to maintain safe and sanitary conditions.	NAC 444.248 Required facilities.  2. Conveniently located rubbish containers must be provided. These containers must be emptied whenever necessary and be kept in a sanitary condition.  NAC 444.1972 Water slides: Food and drink; trash.  2. Trash containers must be provided to keep litter off the decks and walkways and out of the flumes and pools.	REWORDED TO MIRROR MAHC
2-408.2	Receptacles shall be designed to be closed with a lid or other cover so they remain closed until intentionally opened. [NEW]	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT
2-409	Food and Drink Concessions		
	Concessions for food and drink in an AQUATIC FACILITY shall meet all requirements established by the HEALTH AUTHORITY and relevant law. [NEW]	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT
2-4010	Spectator Areas		
2-4010.	An area designed for use by SPECTATORS may be located within an AQUATIC FACILITY ENCLOSURE. [NEW]	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT
2-4010.2 (A)	When a SPECTATOR area or access to a SPECTATOR area is located within the AQUATIC FACILITY ENCLOSURE, the DECK adjacent to the area or access shall provide egress width for the SPECTATORS in addition to the width required by these Regulations. [NEW]	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT
	3SPECTATOR or other area located in a balcony within ten (10) feet of or overhanging any portion of an AQUATIC VENUE shall be designed to deter jumping or diving into the AQUATIC VENUE. [NEW]	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT
2-5	Recirculation System Design, Equipment and Water Treatment		
2-501	General Equipment Standards		

	PROPOSED 2017 SOUTHERN NEVADA HEALTH DISTRICT AQUATIC FACILITY REGULATIONS	CURRENT - NEVADA ADMINISTRATIVE CODE 444	TYPE OF OR REASON FOR CHANGE
2-501.1 (A) (B)	All equipment used or proposed for use in AQUATIC FACILITIES governed under these Regulations shall be: Of a proven design and construction, and Listed and labeled to a specific standard for the specified equipment use by an ANSI-accredited certification organization.	NAC 444.108 Use of equipment and materials not designated by NSF International. The health authority may permit the use of equipment and materials which are not designated by the NSF International as complying with the standards adopted pursuant to NAC 444.010 to 444.306, inclusive, if the health authority determines that the equipment and materials comply with standards equivalent to the NSF International Standards.	REWORDED TO MIRROR MAHC
2-501.2	Where standards do not exist, technical documentation shall be submitted to the HEALTH AUTHORITY to demonstrate acceptability for use in AQUATIC FACILITIES. The HEALTH AUTHORITY may require tests at the expense of the applicant, as proof of acceptability.  [NEW]	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT
2-502	Recirculation Systems and Equipment		
2-502.1 (A) (B)	General Requirements Each AQUATIC VENUE shall be equipped and operated with a recirculation and filtration system capable of meeting the provisions outlined in this Section. The installation of the recirculation and the filtration system components shall be performed in accordance with the designer's and manufacturer's instructions.  A water RECIRCULATION SYSTEM consisting of one or more pumps, pipes, return INLETS, suction outlets, tanks, filters, and other necessary equipment shall be provided.	NAC 444.152 System for recirculation.  1. Except as otherwise provided in NAC 444.198 to 444.1995, inclusive, and 444.202, a recirculation system, consisting of pumps, filters, water conditioning, disinfection equipment and other accessory equipment, must be provided at each public bathing or swimming facility which will recirculate, clarify and disinfect the volume of water used in the facility every 6 hours or less.  2. The patterns of recirculation developed in any pool must be partial flow through the main drain and the remainder through the overflow gutters or skimmers.  3. The recirculation system must include a vacuum gauge located on or immediately before the pump on the suction side of the system and a pressure gauge immediately after the pump on the pressure side of the system.  4. The recirculation system must be operated at all times the facility is open for use and for not less than 3 hours after the facility is closed. If the system is shut down for periodic maintenance and repair, no person who is not an employee of the facility may be allowed into the facility.  5. If time clocks are used to govern the operation of the recirculation system, they must be:  (a) Used to govern the operation of any equipment, such as chemical disinfectant feeders, slurry feeders or heaters, dependent upon the flow of water within the system.	REWORDED TO MIRROR MAHC

2-502.2 INLETS  (A) The RECIRCULATION SYSTEM shall be designed with sufficient flexibility to achieve a hydraulic apportionment that will ensure the following:  (1) Effective distribution of treated water, and  (2) Maintenance of a uniform DISINFECTANT residual and PH throughout the AQUATIC VENUE.	et immediately after any interruption in  14.156 Inlets. pt as otherwise provided in this tion, inlets must be rounded and smooth	REWORDED TO MIRROR MAHC;
2-502.2 INLETS  (A) The RECIRCULATION SYSTEM shall be designed with sufficient flexibility to achieve a hydraulic apportionment that will ensure the following:  (1) Effective distribution of treated water, and  (2) Maintenance of a uniform DISINFECTANT residual and PH throughout the AQUATIC VENUE.  NAC 444  1. Except subsection and instance of a uniform DISINFECTANT residual and PH throughout the AQUATIC VENUE.	pt as otherwise provided in this	
Alternative designs shall be allowed based on adequate engineering justification.  Effective distribution of treated water shall be accomplished by either a continuous beginneter overflow system with integral INLETS or by means of directionally adjustable INLETS adequate in design, number, and location.  (C) POOLS shall use wall and/or floor INLETS to provide adequate mixing.  (E) All other types of INLET systems not covered in this section shall be subject to approval by the HEALTH AUTHORTY with proper engineering justification.  (F) INLETS shall be hydraulically sized to provide the design flow rates for each POOL area of multi-zone POOLs based on the required design TURNOVER for each ZONE.  (G) INLETS shall not extend from the wall or floor.  (H) Floor INLETS shall be spaced to effectively distribute the treated water throughout the POOL.  (I) Floor INLETS shall be flush with the bottom of the POOL.  (I) Distance between floor INLETS shall be no greater than 15 feet.  (I) Floor INLETS, used in combination with wall INLETs, shall be spaced no greater than ten (10) feet from the nearest side wall.  (J) Wall INLET velocity shall mix the water effectively.  (I) INLETS shall be directionally adjustable in provide directive distribution of water.  (Z) Wall INLETS shall be spaced no greater than 15 feet apart.  (3) INLETS shall be placed within five (5) feet of each corner of the POOL.  (K) INLETS shall be placed at least five (5) feet from a skimmer.  (5) INLETS shall be placed at least five (5) feet from a skimmer.  (5) INLETS shall be placed at least five (5) feet from a skimmer.  (6) INLETS shall be placed not less than 18 inches below the water level of the POOL.  (L) Dye testing may be required by the HEALTH AUTHORTY to evaluate the mixing characteristics of the RECIRCULATION SYSTEM shall be adjusted or modified to assure adequate mixing.  (B) They developed the provide and not water even to the provide directional flow if part of a manufactured guiter system in which the filtered return water conduit is cont	s must not extend from the pool wall or as to create a hazard. It set of stairs must have an inlet to provide roulation over the stairs. In the stairs provided in subsection 6, if sets are used, the distance between at inlets must not exceed 15 feet (4.6). In the stairs provided in this stion, any pool having a width greater than (12.19 meters) must have floor inlets go the requirements of this subsection or a action of wall and floor units meeting the ments of subsection 4 and this section. If sets are used: If y must be located so that they provide circulation and not direct flow to floor and distance between: In the stair control of the stair of the stair units and the nearest wall must not so the stair of the stair units and the nearest wall must not subsection 5 withstanding the provisions of subsection combination of wall and floor units may be it is shown to produce a uniform	MORE SPECIFIC REQUIREMENTS

	PROPOSED 2017 SOUTHERN NEVADA HEALTH DISTRICT AQUATIC FACILITY REGULATIONS	CURRENT - NEVADA ADMINISTRATIVE CODE 444	TYPE OF OR REASON FOR CHANGE
		(c) Installed at least 18 inches (46 centimeters) below the normal operating water level. An exception to this requirement may be granted by the health authority if the shallow depth of the pool or spa prevents the inlets from being installed at that depth.  (d) Located to produce a uniform circulation, without the existence of dead spots.  2. Spa inlets must not extend from the pool wall or floor.  3. Each set of stairs must have an inlet positioned to provide good circulation over the stairs.  4. If wall inlets are used, the spacing between adjacent inlets must not exceed 15 feet. The spacing may be varied if the number of inlets is not reduced below a number equal to one-fifteenth of the pool's perimeter in feet.  5. Any spa having a width greater than 30 feet (9 meters) must have floor inlets located to provide general circulation and not direct flow to floor drains. If floor inlets are used, the spacing between adjacent inlets must not exceed 15 feet and the spacing between inlets and the adjacent wall must not exceed 10 feet (3.04 meters).  6. A combination of wall and floor inlets may be used if the design can be shown to produce a uniform circulation of water to maintain a uniform residual of disinfectant throughout the spa.  7. Spas greater than 30 feet (9.14 meters) in width must have floor inlets which comply with the spacing requirements of subsection 5 or with a combination of wall and floor inlets which comply with the spacing requirements of subsection 5 or with a combination of wall and floor inlets which comply with the spacing requirements of subsection 5 or with a combination of wall and floor inlets which comply with the spacing requirements of subsections 4 and 5.	
	Perimeter Overflow Systems/Gutters	NAC 444.164 Arrangements for overflow.	REWORDED TO
(A)	All POOLS shall be designed to provide skimming for the entire POOL surface area with engineering rationale provided by the DESIGN PROFESSIONAL or licensed contractor.	Every pool must be provided with overflow gutters or skimmers. Other kinds of overflow	MIRROR MAHC; MORE SPECIFIC
(B)	For POOLS that require a perimeter overflow system, the perimeter overflow system shall extend around the entire POOL perimeter except where noted in these Regulations.	arrangements and pool edges, including deck level pools, may be installed if approved by the	REQUIREMENTS
(C)	ZERO DEPTH ENTRY POOLS shall have a continuous overflow trench that terminates as close to the side walls as practical including any zero-depth portion of the POOL perimeter.	health authority. No such pool may be installed or built if a safety hazard may result.  NAC 444.166 Gutters.	
(D)	Where a perimeter overflow system cannot be continuous, the ends of each section shall	Except as otherwise provided in NAC	
(E)	terminate as close as practical to each other.  The gutter system shall be designed to allow continuous removal of water from the POOL's upper surface at a rate of at least 125 percent of the approved total recirculation flow rate chosen by the designer.	444.1968, the overflow gutter around any pool must be continuous around the pool except at stairs or recessed ladders.	

	PROPOSED 2017 SOUTHERN NEVADA HEALTH DISTRICT AQUATIC FACILITY REGULATIONS	CURRENT - NEVADA ADMINISTRATIVE  CODE 444	TYPE OF OR REASON FOR CHANGE
(F) (G) (H) (1) (2) (I) (J) (2) (3) (4) (K) (L) (M)	Gutters shall be equipped with removable grating to PERMIT ready inspection, cleaning, and repair.  Gutters shall be designed to prevent the entrapment of BATHER'S limbs.  Drop boxes, converters, return piping, or FLUMES used to convey water from the gutter shall be designed to:  Prevent flooding and BACKFLOW of skimmed water into the POOL, and Handle at least 125 percent of the approved total recirculation flow.  All perimeter overflow systems shall be designed with an effective net surge capacity of not less than one gallon for each square foot of POOL surface area.  Surge shall be provided within a surge tank, or the gutter or filter above the normal operating level, or elsewhere in the system.  The tank capacity specified shall be the net capacity.  The DESIGN PROFESSIONAL, or licensed contractor, shall define the minimum, maximum, and normal POOL operating water levels in the surge tank.  The surge tank's minimum, maximum, and normal POOL operating water levels shall be marked on the tank so as to be readily visible for inspection.  Surge tanks, shall have overflow pipes to convey excess water to waste via an air gap or other approved BACKFLOW prevention device.  Gutters shall be level within a tolerance of plus or minus 1/16 inch around the perimeter of the AQUATIC VENUE.  Automatic makeup water supply equipment shall be provided to maintain continuous skimming of POOLs with perimeter overflow systems.  Makeup water shall be supplied through an air gap or other approved BACKFLOW prevention device.	2. The overflow gutter may also serve as a handhold. The overflow edge must be rounded and must not be thicker than 2 1/2 inches (6 centimeters) for the top 2 inches (5 centimeters).  3. The gutter lip must be smooth and uniform and at a precise level in a horizontal plane so far as is practical within the limits of craftsmanship.  4. The pool water level must be maintained about an inch below the gutter during periods of pool use. During daily cleanup operations the water level of the pool must be raised by the addition of water until the water overflows the crest of the gutters and flushes away the debris.  5. The overflow gutter depth below the lip must be a minimum of 3 inches (8 centimeters) at the high points between the drains. The drains must be spaced at a maximum of 15 feet (4.6 meters) between centers and a slope provided in the bottom of not less than 2 1/2 inches in 10 feet (2 percent). The gutters must be of sufficient size and shape so that floating matter entering them will not be washed back into the pool. The branch piping to each overflow gutter drain must not be less than 2 inches (5 centimeters).  6. The outlet fittings must have a clear opening in the grating at least equal to 1 1/2 times the cross sectional area of the outlet. Where large gutters are used, they must be designed to prevent entrance or entrapment of bathers' arms or legs.  7. The opening into the gutter beneath the coping must be not less than 4 inches (10 centimeters) and the interior of the gutter must be not less than 3 inches (8 centimeters) wide.  8. Disposal of water from the overflow gutters may be either to waste or may enter the recirculation system. All overflow gutters connected to the recirculation system must be connected in an approved manner, such as a surge tank.	
2-502.4 (A)	SKIMMERS and Alternative Gutter Technologies Using In-Pool Surge Capacity The use of manufactured direct suction SKIMMERS shall be in accordance with the	9. The gutter must be capable of removing 50 percent or more of the recirculated water and returning it to the recirculation system.  NAC 444.168 Skimmers.  1. Each pool must be provided with at least one	REWORDED TO MIRROR MAHC;
, ,	manufacturer's recommendations to include the installation of an associated equalizer line and valves.	skimmer for each 400 square feet (37.2 square meters), or fraction thereof, of the pool area.  2. There must be no fewer than two skimmers in every pool.	MORE SPECIFIC REQUIREMENTS

	PROPOSED 2017 SOUTHERN NEVADA HEALTH DISTRICT AQUATIC FACILITY REGULATIONS	CURRENT - NEVADA ADMINISTRATIVE CODE 444	TYPE OF OR REASON FOR CHANGE
(B)	Where SKIMMERS are used, at least one surface SKIMMER shall be provided for each 400 square feet of surface area or fraction thereof, with a minimum of two skimmers provided for each AQUATIC VENUE.	3. Any skimmer used in a pool must be designated by the NSF International as complying with all applicable requirements of Standard 50,	
(C)	Additional SKIMMERS may be required to achieve effective skimming under site-specific conditions (e.g., heavy winds and/or contaminant loading).	"Circulation System Components and Related Materials for Swimming Pools, Spas/Hot Tubs," of	
(D)	Hybrid systems that incorporate surge weirs in the overflow gutters to provide for in-POOL surge shall meet all of the requirements specified for overflow gutters with the exception of the surge or balance tank, since the surge capacity requirement will be alternately met by the in-POOL surge capacity.	the NSF International or in the absence of applicable requirements, be approved by the health authority. A copy of this standard may be obtained from the NSF International, P.O. Box	
(1)	The number of surge weirs shall be based on the individual surge weir capacity and the operational apportionment of the design recirculation flow rate.	130140, Ann Arbor, Michigan 48113, at a cost of \$45.	
(2)	The location of the required number of surge weirs shall be uniformly spaced in the gutter sections.	4. The total capacity of all skimmers used must be a minimum of two-thirds of the required filter flow.	
(E)	When used, the SKIMMER SYSTEM shall be designed to handle up to 100 percent of the total recirculation flow rate chosen by the designer.	Piping for skimmers used must be designed for a capacity of at least 80 percent of the required filter	
(F)	Skimmers shall be so located as to provide effective skimming of the entire water surface.	flow of the recirculation system, and in no case less than 30 gallons per minute (113.6 liters per	
(G)	SKIMMERS shall be located so as not to be affected by restricted flow in areas such as near steps and within small recesses.	minute). 5. All inlets must be spaced at least 5 feet (1.5	
(H)	Wind direction shall be considered in number and placement of SKIMMERS.	meters) away from any skimmer.	
(J)	The flow rate for the SKIMMERS shall comply with manufacturer data plates. In the absence of a maximum specified SKIMMER flow rate the flow through the SKIMMER shall not exceed 55 GPM.	<ol><li>One skimmer must be placed at a point in the pool opposite the direction of prevailing summer winds.</li></ol>	
(K)	Each SKIMMER shall have a weir that adjusts automatically to variations in water level over a minimum range of four (4) inches.	7. All skimmers used must be equipped with an approved equalizer valve and an equalizer line	
(L)	Each SKIMMER shall be equipped with a trimmer valve capable of distributing the total flow between individual SKIMMERS.	with an inside diameter of not less than 2 inches (5.08 centimeters), installed not less than 12	
(M)	Each SKIMMER shall be level with all other SKIMMERS in the POOL within a tolerance of plus or minus ¼ inch.  5 Submerged Suction Outlet	inches (30.48 centimeters) below the normal operating level of the water. The inlet to the equalizer line or lines must be designed to prevent the creation of a holding force whenever the body or limb of a bather comes into contact with the inlet. The inlet must be protected by a grill or shroud that will prevent a bather or any limb of a bather from entering the inlet.  NAC 444.158 Drains.	REWORDED TO
(A)	Submerged Suction Outlets, including sumps and covers, shall be listed and labeled to the requirements of ANSI/APSP-16 2011 or successor standard.	All pools must be provided with a main drain at the lowest point of the floor of the pool to permit	MIRROR MAHC; MORE SPECIFIC
(B)	Unless an UNBLOCKABLE DRAIN COVER design is provided, a minimum of two (2) hydraulically balanced filtration system outlets are required in the bottom.	the pool to be completely and easily drained.  2. The distance of each main drain from:	REQUIREMENTS
(1)	One of the outlets may be located on the bottom of a side/end wall at the deepest level.	(a) The nearest main drain must not exceed 20	
(2)	The outlets shall be connected to a single main suction pipe by branch lines piped to provide hydraulic balance between the drains.	feet (6.1 meters) on the centers. (b) Any side wall must not exceed 15 feet (4.6	
(3) (C)	The branch lines shall not be valved so as to be capable of operating independently.  Outlets shall be spaced no more than 15 feet from the POOL side walls.	meters).  3. The sump of each main drain must be covered	
(D)	Outlets shall be located no less than three (3) feet apart, measuring between the centerlines of the suction outlet covers, or on separate planes.	with a suitable protective cover or grate securely fastened in such a way that it cannot be removed	

	PROPOSED 2017 SOUTHERN NEVADA HEALTH DISTRICT AQUATIC FACILITY REGULATIONS	CURRENT - NEVADA ADMINISTRATIVE CODE 444	TYPE OF OR REASON FOR CHANGE
(E)	Where gravity outlets are used, the main drain outlet shall be connected to a surge tank, collection tank, or balance tank/pipe.	without the use of tools. The openings in the grate must not exceed 1/2 inch (1.27 centimeters) in	
(F)	The main drain system shall be designed at a minimum to handle recirculation flow of	diameter. Except as otherwise provided in this	
(1)	100 percent of total design recirculation flow rate.  Where there are two main drain outlets, the branch pipe from each main drain outlet	subsection, the velocity of water through the grate must not exceed 1.5 feet per second. If only one	
(2)	shall be designed to carry 100 percent of the recirculation flow rate.  Where three or more main drain outlets are connected by branch piping in accordance	main drain in the pool is connected to a pump: (a) The drain must be of antivortex design.	
(2)	with this Section, the design flow through each branch pipe from each main drain outlet	(b) The velocity of water through the grate must	
(a)	may be as follows: $Q_{max} = Q_{total} / (N-1)$ where $Q_{max}$ for each drain= $Q(total recirculation rate) / (number of the context of th$	not exceed 6 feet per second. 4. The recirculation system must be designed to	
(-7	drains less one).	guard against outlet entrapment. Any of the	
(G)	The main drain suction pipe to the pump shall be equipped with a proportioning valve(s) to adjust the flow distribution between the main drain piping and the surface overflow	following means may be employed: (a) The system must include no fewer than two	
	system piping.	main drains, separated by not less than 4 feet	
(H)	Flow velocities shall meet ANSI/APSP-16 2011, or successor standard, based on 100 percent design flow through each main drain cover.	(1.22 meters), and connected to pipes of equal diameter. The system must not permit any cutoff	
	percent design now through each main drain cover.	of either drain from the suction line.	
		(b) The system must include one or more	
		antivortex outlet drains. Any drain installed at a depth of 4 1/2 feet (1.37 meters) or less must not	
		present a tripping hazard to the bather.	
		(c) Any other system, approved by the health	
		authority, that guards against outlet entrapment.	
		5. Valves or pumps used for draining pools must	
		be sized to prevent the surcharging of the receiving drain. Multiport valves must:	
		(a) Comply with all applicable requirements of	
		Standard 50 of the National Sanitation	
		Foundation. A copy of this standard may be	
		obtained from the National Sanitation Foundation, P.O. Box 1468, Ann Arbor, Michigan 48106, at a	
		cost of \$8.	
		(b) In the absence of an applicable standard, be	
		approved by the health authority.	
		6. The main drains must be capable of taking at least 50 percent of the circulated flow.	
		7. As used in this section:	
		(a) "Antivortex drain" means a drain having a	
		raised cover designed to prevent or minimize any	
		suctioning effect on a person that comes into	
		contact with the drain. (b) "Multiport valve" means a separate switching	
		valve that has a separate position for each of the	
		various filter operations and that combines in one	
		unit the functions of two or more direct-flow	
		valves.	

	PROPOSED 2017 SOUTHERN NEVADA HEALTH DISTRICT AQUATIC FACILITY REGULATIONS	CURRENT - NEVADA ADMINISTRATIVE  CODE 444	TYPE OF OR REASON FOR CHANGE
2-502.6 (A)	Piping Piping system components in contact with swimming POOL water shall be of non-toxic	NAC 444.160 Piping.  1. The water velocity in the piping of a public	REWORDED TO MIRROR MAHC;
(7.)	material, resistant to corrosion, able to withstand operating pressures, chemicals, and	bathing or swimming facility must not exceed 10 feet (3 meters) per second for discharge piping,	MORE SPECIFIC
(B)	temperatures. RECIRCULATION SYSTEM piping shall be designed so that water velocities do not exceed	except that the velocity for copper pipe must not	REQUIREMENTS
	eight feet per second (8ft/s) on the discharge side of the recirculation pump unless alternative values have proper engineering justification.	exceed 6 feet (1.8 meters) per second. Suction velocity for piping must not exceed 6 feet (1.8	
(1)	Suction piping shall be sized so that the water velocity does not exceed six feet per	meters) per second for both. If velocities exceed	
(2)	second (6ft/s) unless alternative values have proper engineering justification. Gravity piping shall be sized with consideration of available system head or as	these rates, summary calculations must be provided to show that rated flows are possible	
(C)	demonstrated by detailed hydraulic calculations at the design recirculation flow rate.  Provisions shall be made for expansion and contraction of pipes due to temperature	with the pump and piping provided.  2. Piping must be of a nontoxic material, resistant	
	variations.	to corrosion and able to withstand operating	
(1)	Provisions shall be made for complete drainage of all AQUATIC VENUE piping, designed with no less than a 2% slope.	pressures. All plastic piping and fittings used in the recirculation system must be imprinted with	
(2)	All piping shall be supported continuously or at sufficiently close intervals to prevent sagging and settlement.	the name of the manufacturer and the potable water mark of the National Sanitation Foundation,	
(D)	All exposed piping shall be clearly marked to indicate function.	or its equivalent, and must:	
(1)	All piping shall be clearly marked to indicate type or source of water and direction of flow with clear labeling and/or color coding.	(a) Comply with all applicable requirements of Standard 14 for potable water applications of the	
(2)	All valves shall be clearly marked to indicate function with clear labeling and/or color coding.	National Sanitation Foundation. A copy of this standard may be obtained from the National	
(3)	A complete, easily readable schematic of the entire AQUATIC VENUE RECIRCULATION	Sanitation Foundation, P.O. Box 1468, Ann Arbor,	
	SYSTEM shall be openly displayed in the mechanical room or available to maintenance and inspection personnel.	Michigan 48106, at a cost of \$9. (b) In the absence of an applicable standard, be	
(E)	Suction and supply POOL piping shall be subjected to a static hydraulic water pressure test for the duration specified by an engineer and/or the HEALTH AUTHORITY.	approved by the health authority.  3. Pipes must be identified by color code or tags.	
	to the control of the	4. All piping must be supported on piers or other	
		substantial means to prevent possible settlement which will either provide dirt traps or air pockets.	
		5. All pressure and suction lines must have a uniform slope in one direction of not less than 3	
		inches per 100 feet (0.25 percent). Gravity waste	
		lines around any pool 6 inches (15 centimeters) or smaller must have a minimum slope of one-	
		quarter of an inch per foot (2 percent). Lines larger than 6 inches (15 centimeters) and all	
		outfall main lines must be designed with a size of	
2-502.7	Strainers and Pumps	pipe and slope to carry freely the maximum flows.  NAC 444.172 Strainers.	REWORDED TO
(A)	All pumps, except those for vacuum filter installations, shall have a strainer/screen	1. The recirculation system must include a strainer	MIRROR MAHC;
	device on the suction side to protect the filtration and pumping equipment and a spare strainer basket must be present for each pump.	to prevent hair, lint and other solids from reaching the pump and filters.	MORE SPECIFIC REQUIREMENTS
(B) (C)	All material used in the construction of strainers and screens shall be corrosion resistant. VFDs may be installed to control all recirculation and feature pumps.	Strainers must be corrosion resistant with openings not more than one-eighth of an inch in	
(1)	The recirculation pump(s) shall have adequate capacity to meet the recirculation flow	size providing a free flow area at least four times	
	design requirements in accordance with the maximum TDH required by the entire	the area of the pump suction line and must be	

	PROPOSED 2017 SOUTHERN NEVADA HEALTH DISTRICT AQUATIC FACILITY REGULATIONS	CURRENT - NEVADA ADMINISTRATIVE CODE 444	TYPE OF OR REASON FOR CHANGE
(2) (3) (4) (5) (D) (E) (1) (2) (3)	RECIRCULATION SYSTEM under the most extreme operating conditions. The system design shall include an increase of 23.1 feet of head between a clean and dirty filter condition. The pump shall be designed to maintain design recirculation flows under all conditions. Where vacuum filters are used, a vacuum limit switch shall be provided on the pump suction line.  The vacuum limit switch shall be set for a maximum vacuum of 18 inches of mercury. All recirculation pumps shall be self-priming or flooded-suction.  All pumps and associated motors must have equivalent horsepower ratings.  A compound vacuum-pressure gauge shall be installed on the pump or on the suction line as close to the pump as possible when pump port is unavailable or inaccessible.  A pressure gauge shall be installed on the pump or on the discharge line adjacent to the pump when the pump port is unavailable or inaccessible.  Gauges shall be installed so they can be easily read.  All gauges shall be equipped with valves to allow for servicing under operating conditions.	readily accessible for frequent cleaning. Valves must be installed adjacent to the strainer in order that the flow may be shut off during the cleaning or inspection. At least one spare strainer basket must be provided.  3. Strainers may not be required in systems using vacuum diatomaceous earth filters.  NAC 444.162 Pumps and motors.  1. A pump and motor unit must be provided for the recirculation of water which has been selected for performance and will meet the conditions of quantity required for filtering and cleaning the filters with the total dynamic head developed by the complete system.  2. The requirements for filtration must be based upon the maximum head loss developed immediately before washing the filters.  3. The motor must be nonoverloading in continuous operation for filtration under all conditions, but may be overloaded within the service factor for conditions of backwash and for emptying any pool.  4. A pump performance curve for the unit to be installed must be provided with the plans submitted for approval.  5. A pump used in a recirculation system must:  (a) Comply with all applicable requirements of Standard 50 of the National Sanitation Foundation, P.O. Box 1468, Ann Arbor, Michigan 48106, at a cost of \$8.  (b) In the absence of an applicable standard, be approved by the health authority.	
2-502.8 (A)	A flow Measurement and Control A flow meter accurate to within +/- 5 percent of the actual design flow shall be provided for each filtration system. When a VFD is in use a flow meter must be accurate to within +/- 2 percent.	NAC 444.154 Rate of flow.  An adequate number of rate of flow indicators and rate of flow controllers having satisfactory range must be installed and properly located, so that the	REWORDED TO MIRROR MAHC; MORE SPECIFIC REQUIREMENTS
(B) (C)	Flow meters shall be installed in accordance with the manufacturer's instructions.  All pumps shall be installed with a manual adjustable discharge valve to provide for system isolation.	rate of flow either during normal circulation or during the filter backwashing operation can be determined.	
2-502.9	9 Flow Rates/Turnover Time		
	Table 2-502.9: Aquatic Venue Maximum Allowable Turnover Times  Type of Aquatic Venue Turnover Maximum Activity Pools 4 hours	NAC 444.152 System for recirculation.  1. Except as otherwise provided in NAC 444.198 to 444.1995, inclusive, and 444.202, a recirculation system, consisting of pumps, filters,	REWORDED TO MIRROR MAHC; MORE SPECIFIC REQUIREMENTS

	PROPOSED 2017 SOUTHERN NEVADA HEALTH DE REGULATIONS	DISTRICT AQUATIC FACILITY	CURRENT - NEVADA ADMINISTRATIVE CODE 444	TYPE OF OR REASON FOR CHANGE
	Diving Pools	6 hours	water conditioning, disinfection equipment and	
	Interactive Play*	0.5 hours	other accessory equipment, must be provided at	
	Isolation/Floatation Unit*	4 Turnovers between users	each public bathing or swimming facility which will recirculate, clarify and disinfect the volume of	
	Lazy River	4 hours		
	Runout Slides	4 hours	water used in the facility every 6 hours or less.	
	Wading Pools*	0.5 hours	NAC 444.198 Activity pools.	
	Child Amusement	0.5 hours	The recirculation and filtration systems of	
	Lagoon*		activity pools must have a maximum turnover	
	Wave Pools	4 hours	cycle of 4 hours.	
	All Other Pools	6 hours	NAC 444.1985 Wave pools.	
	All Spas	0.5 hours	2. The recirculation and filtration system of wave	
	Surf Pools	Submit Engineering Justification from Equipment	pools must have a maximum turnover cycle of 4	
		Manufacturer	hours.	
	*Shall have secon	dary disinfection systems	NAC 444.199 Child amusement lagoons.	
			The recirculation and filtration systems of child     The recirculation systems of child systems of child     The recirculation systems of child s	
			amusement lagoons must have a maximum	
			turnover cycle of 1 hour.	
			NAC 444.1995 Watercourse rides.	
			The recirculation and filtration systems of	
			watercourse rides must have a maximum turnover	
			cycle of 4 hours.	
			NAC 444.202 Wading pools: Construction. 2. A	
			wading pool constructed after November 1, 1988,	
			must have a maximum turnover cycle of 30	
			minutes.	
			NAC 444.207 Isolation and flotation tanks.	
			The recirculation, filtration and disinfection	
			systems of isolation and flotation tanks must	
			complete no fewer than four turnover cycles	
1			between users of the tank.	
1			NAC 444.484 Circulation and filtration.	
1			Public spas must be equipped with circulation	
			and filtration equipment which meets the following	
1			criteria:	
			Circulation and filtration equipment must be of	
1			sufficient capacity to recirculate the entire spa	
1			water capacity at least once every 30 minutes,	
1			and must be capable of returning the spa water to	
			a turbidity of 1.0 NTU's at least once during the 4	
			hours following the use of the spa by the largest	
1			number of bathers which its size permits.	
(A)	All AQUATIC VENUES shall comply with the above maxi	mum allowable TURNOVER times	NAC 444.152 System for recirculation. 4. The	REWORDED TO
1	shown in <b>Table 2-502.9</b> .		recirculation system must be operated at all times	MIRROR MAHC;
(B)	The TURNOVER time shall be calculated based on the	total volume of water divided by the	the facility is open for use and for not less than 3	MORE SPECIFIC
1	flow rate through the filtration process.		hours after the facility is closed. If the system is	REQUIREMENTS
			shut down for periodic maintenance and repair, no	

	PROPOSED 2017 SOUTHERN NEVADA HEALTH DISTRICT AQUATIC FACILITY REGULATIONS	CURRENT - NEVADA ADMINISTRATIVE CODE 444	TYPE OF OR REASON FOR CHANGE
(1)	Unfiltered water such as water that may be withdrawn from and returned to the AQUATIC VENUE for such AQUATIC FEATURES as SLIDES by a pump separate from the filtration system, shall not factor into TURNOVER time.	person who is not an employee of the facility may be allowed into the facility.  5. If time clocks are used to govern the operation	
(C)	The HEALTH AUTHORITY may grant a TURNOVER time WAIVER for AQUATIC VENUES with extreme volume or operating conditions based on a proper engineering justification.	of the recirculation system, they must be: (a) Used to govern the operation of any	
(D)	TURNOVER times shall be calculated based solely on the flow rate through the filtration system as specified in <b>Table 2-502.9</b> .	equipment, such as chemical disinfectant feeders, slurry feeders or heaters, dependent upon the	
(E)	The total volume of the AQUATIC VENUE system shall include the AQUATIC VENUE and any surge/balance tank.	flow of water within the system. (b) Reset immediately after any interruption in	
(F)	Where water is drawn from the AQUATIC VENUE to supply water to AQUATIC FEATURES (e.g., SLIDES, tube rides), the water may be reused prior to filtration provided the DISINFECTANT and PH levels of the supply water are maintained at required levels.	power.	
(G)	The ratio of INTERACTIVE WATER PLAY AQUATIC VENUE feature water to filtered water shall be no greater than 3:1 in order to maintain the efficiency of the FILTRATION SYSTEM.		
(H)	For AQUATIC FACILITIES that intend to reduce the recirculation flow rate below the minimum required design values only when the AQUATIC VENUE is closed, the flow turndown system shall be designed as follows:		
(1)	The system flowrate shall not be reduced more than 50 percent lower than the minimum design requirements and only reduced when the AQUATIC VENUE is closed.		
(2)	The system flowrate shall be based on ensuring the minimum water clarity required under Section 3-506 is met before opening to the public.		
(3)	The turndown system shall be required to maintain required DISINFECTANT and PH levels at all times.		
(4) (a)	When the turndown system is also used to intelligently increase the recirculation flow rate above the minimum requirement, e.g., in times of peak use to maintain water quality goals more effectively, the following requirements shall not be exceeded: Velocity requirements inside of pipes (per Section 2-502.6(B))		
(b) (c)	Maximum filtration system flow rate; and Maximum suction outlet cover rating.		
2-503	Filtration		
2-503.1	Filtration shall be required for all AQUATIC VENUES that recirculate water. [NEW]	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT
	The granular media filter system shall have valves and piping to allow isolation, venting, complete drainage (for maintenance or inspections), and backwashing of filters.	NAC 444.170 Filters.  1. Any filter used in a pool must be designated by	REWORDED TO MIRROR MAHC;
(A) (1) (2) (3)	Filtration accessories shall include the following items: Influent pressure gauge; Effluent pressure gauge; Backwash sight glass or other means to view backwash water clarity; and	the NSF International as complying with all applicable requirements of Standard 50, "Circulation System Components and Related Materials for Swimming Pools, Spas/Hot Tubs," of	MORE SPECIFIC REQUIREMENTS
(4) (B) (C)	Manual air relief system.  Filters shall be installed with adequate clearance and facilities for ready and safe inspection, maintenance, disassembly, and repair. A means and access for easy removal of filter media shall be required.  High-rate granular media filters shall be designed to operate at no more than the rate	the NSF International or in the absence of applicable requirements, be approved by the health authority. A copy of this standard may be obtained from the NSF International, P.O. Box 130140, Ann Arbor, Michigan 48113, at a cost of	
(3)	specified in the NSF/ANSI 50 listing or as provided per manufacturer, whichever rating is lower.	\$45. Flow rates for filters must not exceed those listed by the NSF International Standard.	

	PROPOSED 2017 SOUTHERN NEVADA HEALTH DISTRICT AQUATIC FACILITY REGULATIONS	CURRENT - NEVADA ADMINISTRATIVE CODE 444	TYPE OF OR REASON FOR CHANGE
(D)	The granular media filter system shall be designed to backwash each filter at a rate of at least 15 gallons per minute per square foot of filter bed surface area, unless explicitly prohibited by the filter manufacturer and approved at an alternate rate as specified in the NSF/ANSI 50 listing.	<ol> <li>The filter plant must be provided with influent pressure gauge.</li> <li>The filter plant must be provided with a means for draining all filter units and piping, so that all</li> </ol>	
(E)	The minimum depth of filter media cannot be less than the depth specified by the manufacturer.	parts of the system may be drained to prevent damage from freezing where so required.	
(F)	Influent and effluent pressure gauges shall have the capability to measure up to 20 pounds per square inch increase in the differential pressure across the filter bed in increments of one pound per square inch or less.		
(G)	If coagulant feed systems are used, they shall be installed with the injection point located before the filters as far ahead as possible, with electrical interlocks in accordance with Section 2-504.2(J).		
2-503.3 (A)	Precoat Filters Filters should be used with the appropriate filter media as recommended by the filter manufacturer for maximum clarity and cycle length for AQUATIC VENUE use.	See NAC 444.170 Filters	REWORDED TO MIRROR MAHC; MORE SPECIFIC
(1)	Filter media shall be listed and labeled to NSF/ANSI Standard 50 by an ANSI-accredited certification organization and within the size specifications provided by the filter manufacturer and NSF/ANSI 50.		REQUIREMENTS
(2)	Alternate types of filter media shall be permitted in accordance with the filter manufacturer's recommendation for AQUATIC VENUE use.		
(3)	Alternate types of filter media shall be listed and labeled to NSF Standard 50 by an ANSI-accredited certification organization.		
(B) (1)	The design filtration rate for vacuum precoat filters shall not be greater than either: 2 gallons per minute per square foot, or		
(2) (C)	2.5 gallons per minute per square foot when used with a continuous precoat media feed. The design filtration rate for pressure precoat filters shall not be greater than the rate specified in the NSF/ANSI 50 listing or as provided per manufacturer, whichever rating is lower.		
(D)	The filtration surface area shall be based on the outside surface area of the media with the manufacturer's recommended thickness of precoat media. If equipment is provided for the continuous feeding of filter media to the filter influent, the equipment shall be used in accordance with the manufacturer's specifications.		
(E)	All discharged filter media shall be disposed of according to the law.		
2-503.4 (A)	Cartridge Filters The design filtration rate for surface-type cartridge filter shall not exceed the rate specified in the NSF/ANSI 50 listing or as provided per manufacturer, whichever rating is lower.	See NAC 444.170 Filters	REWORDED TO MIRROR MAHC; MORE SPECIFIC REQUIREMENTS
(B)	Filter cartridges shall be supplied and sized in accordance with the filter manufacturer's recommendation for AQUATIC VENUE use.		THE GOTTE METTO
2-504	Disinfection and pH Control		
2-504.1 (A)	Chemical Addition Methods DISINFECTION and PH control chemicals shall be automatically introduced through the RECIRCULATION SYSTEM.	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT
(B)	A chemical controller, as specified in Section 2-504.2(V) shall be provided and used for MONITORING and control of disinfectant and PH feed equipment.		

CHANGE  Il of use of ting  REWORDED TO MIRROR MAHC; MORE SPECIFIC REQUIREMENTS  nator or
must be nator or MIRROR MAHC; MORE SPECIFIC REQUIREMENTS
must be nator or MIRROR MAHC; MORE SPECIFIC REQUIREMENTS
must be nator or MIRROR MAHC; MORE SPECIFIC REQUIREMENTS
must be nator or MORE SPECIFIC REQUIREMENTS
must be REQUIREMENTS nator or
nator or
nerwise
ical feeders
npressed
ed by the
applicable
on System Swimming
ernational or
nts, be
by of this
F
rbor,
501,
her feeders
tes to the
ual
naintained
of supplying
s (1.4
s, or 1
ase of an
50 liters) of
d.
her
operator of
tion of the
sfactory
d and are
f the
C 444.148.
d to ensure
nt will stop n the flow of
ction
JUOIT
g; storage;
,, o.o. ago,
ne
pathing or
lo einofile hear ole saisth et soft conno

	PROPOSED 2017 SOUTHERN NEVADA HEALTH DISTRICT AQUATIC FACILITY REGULATIONS	CURRENT - <b>NEVADA ADMINISTRATIVE</b> CODE 444	TYPE OF OR REASON FOR CHANGE
(1) (2)	Dry chemicals shall be granules or tablets.  Feeders shall have isolation valves on each side of the feeder to be closed before	swimming facility by means other than through a chemical feeder which has been approved by the	
(2)	opening the unit.	health authority is not permitted except for	
(3)	Erosion feeders shall use AQUATIC VENUE water post-filtration as the source water unless	superchlorination, superbromination or for	
	approved by the feeder manufacturer.	bringing the residual of the disinfectant up to	
(P)	Carbon dioxide and ozone are the only gas feed systems permitted in AQUATIC FACILITIES.	required levels when the facility is closed. No	
(Q)	Proper ventilation shall be required for all gas systems.	swimmers may use the facility until the residual of	
(R)	Where CO <sub>2</sub> cylinders are located indoors, a monitor and alarm shall be provided to alert of high CO <sub>2</sub> and/or low O <sub>2</sub> levels.	the disinfectant has dropped to the level required by NAC 444.148.	
(S)	Where used, UV light systems shall be installed in the RECIRCULATION SYSTEM after the	3. Chemicals used in controlling the quality of	
(-)	filters.	water must be demonstrated to impart no toxic	
(1)	A bypass pipe that is valved on both ends shall be installed to allow maintenance of the	properties to the water. Chemicals used for the	
	UV unit while the POOL is in operation.	control of algae must be approved for that use by	
(2)	UV system operation shall be interlocked with the recirculation pump so that power to	the health authority.	
<b>/T</b> \	the UV system is interrupted when there is no water flow to the UV unit.	4. If the water in a facility cannot be maintained at a pH of 7.0 to 8.0, equipment for the feeding of	
(T) (1)	In-line generator(s) or brine (batch) generator(s) shall be permitted on AQUATIC VENUES.  In-line generators shall use POOL-grade salt dosed into the AQUATIC VENUE to produce	chemicals to maintain the required pH must be	
( ' '	and introduce CHLORINE into the AQUATIC VENUE treatment loop through an electrolytic	provided. Equipment and piping used to apply	
	chamber.	chemicals to the water must be of such size,	
(2)	Brine (Batch) generators shall produce CHLORINE through an electrolytic cell.	design and material that they may be cleaned and	
(3)	CHLORINE shall be produced from brines composed of POOL-grade salt.	be free from clogging. All material used for such	
(4)	Electrolytic generators shall have a TDS or salt (NaCl) readout and a low salt indicator.	equipment and piping must be resistant to the	
(5)	The feed rate shall be adjustable from zero (0) to full range.  The generator unit shall be listed and labeled to UL 1081 (for electrical/fire/shock safety)	action of the chemicals to be used in them.	
(6)	by an ANSI-accredited certification organization.		
(7)	The generator(s) shall be interlocked.		
(8)	The saline content of the POOL water shall be maintained in the required range specified		
	by the manufacturer.		
(U)	Feeders for PH adjustment shall:		
(1)	Utilize approved substances for PH adjustment shall include but not be limited to muriatic		
	(hydrochloric) acid, sodium bisulfate, carbon dioxide, sulfuric acid, sodium bicarbonate, and soda ash;		
(2)	Be adjustable from zero (0) to full range; and		
(3)	Have reservoirs shall be clearly marked and labeled with contents.		
(V)	AUTOMATED CONTROLLERS shall be installed for MONITORING and turning on or off chemical		
	feeders used for PH and disinfectants.		
(1)	A set point shall be used to target the disinfectant level and the PH level.		
	3 SECONDARY DISINFECTION SYSTEMS	NEW REQUIREMENT NOT FOUND IN	NEW
(A)	The new construction or SUBSTANTIAL ALTERATION of the following INCREASED RISK AQUATIC	CURRENT NAC 444	REQUIREMENT
	VENUES shall be required to use a SECONDARY DISINFECTION SYSTEM after adoption of these Regulations:		
(1)	AQUATIC VENUES designed primarily for children under 5 years old; such as:		
(a)	WADING POOLS,		
(b)	CHILD AMUSEMENT LAGOONS, and		
(c)	INTERACTIVE WATER PLAY VENUES with no standing water;		
(2)	THERAPY POOLS; and		
(3)	ISOLATION AND FLOTATION UNITS.		

	PROPOSED 2017 SOUTHERN NEVADA HEALTH DISTRICT AQUATIC FACILITY REGULATIONS	CURRENT - NEVADA ADMINISTRATIVE CODE 444	TYPE OF OR REASON FOR CHANGE
(B)	If installed and labeled as SECONDARY DISINFECTION SYSTEMS, THEN THEY shall conform to		
(0)	all requirements specified under Section 2-504.3.		
(C)	If not labeled as SECONDARY DISINFECTION SYSTEMS, then they shall be labeled a		
	SUPPLEMENTAL DISINFECTION SYSTEMS and conform to requirements listed under Section 2-504.4.		
(D)	3-log inactivation and Occyst Reduction		
(-,	SECONDARY DISINFECTION SYSTEMS shall be designed to achieve a minimum 3-log (99.9		
	percent) reduction in the number of infective Cryptosporidium parvum OOCYSTS per pass		
	through the SECONDARY DISINFECTION SYSTEM.		
(1)	The SECONDARY DISINFECTION SYSTEM shall be located in the treatment loop (post		
	filtration) and treat a portion (up to 100 percent) of the filtration flow prior to return of the		
(2)	water to the AQUATIC VENUE or AQUATIC FEATURE.  The flow rate (Q) through the SECONDARY DISINFECTION SYSTEM shall be determined based		
(2)	upon the total volume of the AQUATIC VENUE or AQUATIC FEATURE (V) and a prescribed		
	dilution time (T) for theoretically reducing the number of assumed infective		
	Cryptosporidium oocysts from an initial total number of 100 million (108) oocysts to a		
	concentration of one oocyst/100 mL.		
(3)	Accounting for a 3-log (99.9 percent) reduction of infective Cryptosporidium OOCYSTS		
	through the SECONDARY DISINFECTION SYSTEM with each pass, the SECONDARY DISINFECTION SYSTEM flow rate (Q) shall be:		
	$Q = V \times \{[14.8 - \ln (V)] / (60 \times T)\}, \text{ where:}$		
	• Q = SECONDARY DISINFECTION SYSTEM flow rate (GPM)		
	• V = Total water volume of the AQUATIC VENUE or AQUATIC FEATURE, including surge tanks,		
	piping, equipment, etc. (gals)		
	• T = Dilution time (hrs.)		
(4)	The dilution time shall be the lesser of nine hours or 75 percent of the uninterrupted time		
<i>(E</i> )	an AQUATIC VENUE is closed in a 24 hour period.		
(5)	Where a SECONDARY DISINFECTION SYSTEM is installed, a means shall be installed to confirm the required flow rate to maintain a minimum 3-log (99.9 percent) reduction of		
	infective Cryptosporidium oocysts at the minimum flow rate.		
(E)	UV Light Systems		
` `	UV equipment shall be third party validated in accordance with the practices outlined in		
	the US EPA Ultraviolet DISINFECTANT Guidance Manual dated November, 2006,		
(4)	publication number EPA 815-R-06-007.		
(1)	The US EPA Ultraviolet Disinfectant Guidance Manual shall be considered a recognized national standard in these Regulations.		
(2)	UV systems and all materials used therein shall be suitable for their intended use.		
(3)	The UV equipment shall be installed after the filtration and before addition of primary		
. ,	disinfectant.		
(a)	UV equipment shall be labeled with the following design specifications: maximum flow		
(: \	rate, minimum TRANSMISSIVITY, minimum intensity, and minimum dosage.		
(b)	An inline strainer shall be installed after the UV unit to capture broken lamp glass or		
(4)	sleeves. The equipment shall be electrically interlocked with feature pump(s) or automated		
(4)	feature supply valves, such that when the UV equipment fails to produce the required		
	dosage as measured by automated sensor, the water features do not operate.		
(5)	UV systems shall not operate if the RECIRCULATION SYSTEM is not operating.		

	PROPOSED 2017 SOUTHERN NEVADA HEALTH DISTRICT AQUATIC FACILITY REGULATIONS	CURRENT - NEVADA ADMINISTRATIVE CODE 444	TYPE OF OR REASON FOR CHANGE
(6)	The UV equipment shall be complete with calibrated UV sensors, which record the		
(2)	output of all the UV lamps installed in a system.  Where multiple lamps are fitted, sufficient sensors shall be provided to measure each		
(a)	lamp.		
(b)	If the design utilizes fewer sensors than lamps, the location of lamps and sensors shall		
	be such that the output of all lamps is adequately measured.		
(7)	The automated shut down of the UV equipment for any reason shall initiate a visual		
(2)	alarm or other indication which will alert staff on-site or remotely.  Signage instructing staff or PATRONS to notify facility management shall be posted		
(a)	adjacent to the visual indication.		
(b)	If the AQUATIC FACILITY is not staffed, the sign shall include a means to contact		
	management whenever the AQUATIC FACILITY is in use.		
(8)	The UV equipment shall be supplied with the appropriate validation reports and		
(9)	documentation for that equipment model.  This documentation will include a graph or chart indicating the dose at which a 3-log		
(3)	inactivation is guaranteed for the system in question.		
(a)	This dose shall be inclusive of validation factors and RED bias.		
(b)	System performance curves that do not include such factors are not considered		
(40)	validated systems.		
(10)	Validation records shall include the graph indicating the minimum intensity reading required at the operational flow for the minimum RED required to achieve 3-log		
	reduction. Where systems are validated to a specific dose, the graph shall show the		
	minimum intensity reading required at the operational flow for that dose.		
(11)	Based on the recommended validation protocol presented in the US EPA Disinfection		
	Guidance Manual, UV reactors certified by ÖNORM and DVGW for a Bacillus subtilis		
	RED of 40mJ/cm <sup>2</sup> shall be granted 3-log Cryptosporidium and 3-log Giardia inactivation credit as required in these Regulations.		
(F)	Ozone Disinfection		
( )	SECONDARY DISINFECTION SYSTEMS using ozone shall provide the required inactivation of		
	Cryptosporidium in the full flow of the SECONDARY DISINFECTION SYSTEM after any side-		
(4)	stream has remixed into the full flow of the SECONDARY DISINFECTION SYSTEM.		
(1)	Ozone systems shall be validated by an ANSI-accredited third party testing and certification organization to confirm that they provide a minimum 3-log (99.9 percent)		
	inactivation of Cryptosporidium in the full SECONDARY DISINFECTION SYSTEM flow after any		
	side-stream has remixed into the full SECONDARY DISINFECTION SYSTEM flow and prior to		
(0)	return of the water to the AQUATIC VENUE or AQUATIC FEATURE recirculation treatment loop.		
(2)	Ozone systems and all materials used therein shall be suitable for their intended use and shall be installed:		
(a)	In accordance with all applicable requirements,		
(b)	As listed and labeled to a specific standard by an ANSI-accredited certification		
	organization, and		
(c)	As specified by the manufacturer.		
(3)	An ozone system shall be a complete system consisting of the following (either skid-mounted or components):		
(a)	Ozone generator;		
(b)	Injector / injector manifold;		
(c)	Reaction tank (contact tank) / mixing tank / degas tower;		

	PROPOSED 2017 SOUTHERN NEVADA HEALTH DISTRICT AQUATIC FACILITY REGULATIONS	CURRENT - NEVADA ADMINISTRATIVE CODE 444	TYPE OF OR REASON FOR CHANGE
(d)	Degas valve (if applicable, to vent un-dissolved gaseous ozone;,		GHANGE
(e)	Ozone destruct (to destroy un-dissolved gaseous ozone);		
(f)	ORP monitor / controller;		
(g)	Ambient ozone monitor / controller;		
(9) (h)	Air flow meter / controller; and		
(i)	Water BACKFLOW prevention device in gas delivery system.		
(4)	These components (or skid) shall be installed as specified by the manufacturer to		
(+)	maintain the required system validation as noted above.		
(5)	The ozone generating equipment shall be designed, sized, and controlled utilizing an		
(-)	ORP monitor / controller (independent of and in addition to any halogen ORP		
	monitor/controller).		
(a)	The device shall be placed in the AQUATIC VENUE and AQUATIC FEATURE recirculation water		
()	downstream of the ozone side-stream loop and before the halogen feed location.		
(b)	The minimum ORP reading shall be no less than 600 mV measured directly after (one to		
` '	five feet (1ft. to 5 ft.)) the ozone side-stream remixes into the full flow of the		
	RECIRCULATION SYSTEM.		
(c)	The maximum ORP reading shall be no greater than 900 mV.		
(6)	The ozone system injection point shall be located in the AQUATIC VENUE return line after		
	the filtration and heating equipment, prior to the primary DISINFECTANT injection point.		
(a)	The injection and mixing system shall not prevent the attainment of the recirculation rate		
	required elsewhere in these Regulations.		
(b)	An ambient ozone gas monitor/controller located adjacent to the ozone reactor/contact		
	tank shall be utilized to disable the ozone system in the event of an ozone gas leak.		
(7)	At the time the ozone generating equipment is installed, again after 24 hours of		
	operation, and annually thereafter, the air space within six (6) inches of the AQUATIC		
	VENUE water shall be tested to determine compliance of less than 0.1 PPM gaseous		
	ozone. Results of the test shall be maintained on site for review by the HEALTH		
(0)	AUTHORITY.		
(8)	Automatic shutdown shall occur under any condition that would result in the ozone		
	system not operating within the established parameters needed to achieve 3-log		
(0)	inactivation of Cryptosporidium.		
(9)	The equipment shall be electrically interlocked with AQUATIC VENUE pump(s) or automated		
	feature supply valves, such that when the ozone equipment fails to produce the required		
(10)	dosage as measured by ORP, the AQUATIC VENUES do not operate.  If the ORP reading for the ozone system drops below 600 mV, a visual alarm or other		
(10)	indication shall be initiated that will alert staff on-site or remotely. Signage to notify		
	facility management shall be present adjacent to the visual alarm.		
(11)	In order to ensure that the supplied ozone system meets all the requirements of the		
(,	standard, the manufacturer shall maintain a quality system audited on a regular basis to		
	a recognized quality standard. The ozone system shall be supplied with the appropriate		
	validation reports and documentation for that equipment model.		
(a)	Ozone validation reports shall include a graph, chart, or other documentation which		
	clearly indicates the required operating parameters for which a 3-log inactivation is		
	guaranteed for the system in question.		
(b)	This dose shall be inclusive of validation factors.		
(c)	System performance curves that do not include such factors are not considered		
` ,	validated systems. [NEW]		
	raination dysterio. [Lie 17]		L

	PROPOSED 2017 SOUTHERN NEVADA HEALTH DISTRICT AQUATIC FACILITY REGULATIONS	CURRENT - NEVADA ADMINISTRATIVE CODE 444	TYPE OF OR REASON FOR CHANGE
2-504.4 (A) (1) (2) (3) (a)	SUPPLEMENTAL DISINFECTION SYSTEMS AQUATIC VENUES that do not require SECONDARY DISINFECTION SYSTEMS may install SUPPLEMENTAL DISINFECTION SYSTEMS for the purpose of enhancing overall system performance and improving water quality. SUPPLEMENTAL DISINFECTION SYSTEMS shall not be required on any AQUATIC VENUES. It shall be clearly noted in the AQUATIC FACILITY operating instructions that these SUPPLEMENTAL DISINFECTION SYSTEMS do not meet the requirements of a SECONDARY DISINFECTION SYSTEM, and as such, are only considered SUPPLEMENTAL DISINFECTION SYSTEMS. SUPPLEMENTAL DISINFECTION SYSTEMS shall meet all of the requirements of a SECONDARY DISINFECTION SYSTEM, except: They do not need to achieve a 3-log (99.9 percent) inactivation of Cryptosporidium parvum; and	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT
(b) (4)	They do not need to be able to reduce the total number of infective oocysts to one oocyst per 100 mL; and Each system shall be clearly labeled, "Supplemental Water Treatment System—Does		
(B)	Not meet the requirements for SECONDARY DISINFECTION."  When UV is used as a SUPPLEMENTAL DISINFECTION SYSTEM, all requirements of Section 2-504.3(F)(2) through 2-504.3(F)(5) shall be met. Water features shall not require shut off if the supplemental UV system does not produce the required dosage.		
(C)	When ozone is used as a SUPPLEMENTAL DISINFECTION SYSTEM, all requirements of Section $2-504.3(G)(2)$ through $2-504.3(G)(7)$ shall be met. The maximum ORP reading shall be no greater than 900 mV.		
(D) (1)	Only those systems that are EPA-registered for use as disinfectants in AQUATIC VENUES shall be permitted.  Copper/silver systems, and all materials used therein, shall be suitable for their intended		
(2)	use.  Copper/silver systems, and all materials used therein, shall be installed in accordance		
(E)	with all applicable requirements and manufacturer's instructions.  UV light / hydrogen peroxide combination systems shall be prohibited for use in AQUATIC FACILITIES. [NEW]		
(A) (B) (C)	Microbiological Testing Equipment Microbiological testing equipment and methods shall be: EPA-Approved, EPA-Accepted, EPA-Equivalent, Conforming to the latest edition of Standard Methods for the Examination of Water and Wastewater, or Listed and labeled to NSF/ANSI 50 by an ANSI-accredited certification organization.	NAC 444.150 Sampling of water.  1. Samples of water from each public bathing or swimming facility must be submitted to the laboratory of the Health Division once a week for bacteriological testing. This requirement may be waived for facilities maintaining approved operating records and having dependable disinfection and filtration.  3. All samples must be collected, dechlorinated and examined in accordance with the procedures outlined in the latest edition of Standard Methods for the Examination of Water and Wastewater (APHA).	REWORDED TO MIRROR MAHC; MORE SPECIFIC REQUIREMENTS
2-6	Decks and Equipment	[ ( u : w ).	

	PROPOSED 2017 SOUTHERN NEVADA HEALTH DISTRICT AQUATIC FACILITY	CURRENT - NEVADA ADMINISTRATIVE	TYPE OF OR
	REGULATIONS	<u>CODE 444</u>	REASON FOR CHANGE
2-601	Decks		
(A) (B) (C) (D) (1) (2)	DECKS shall be constructed in conformance with all applicable provisions of this Section.  DECKS shall be designed to allow for required LIFEGUARD placement for BATHER surveillance and safety equipment.  DECKS shall have a minimum of four (4) feet of clearance from AQUATIC VENUE edge to fencing or other obstruction to allow for LIFEGUARD transit, roaming, or change of positioning to maximize viewing of the zone of BATHER surveillance as well as execution of water extrication.  Access points must be provided for LIFEGUARDS to transit between LIFEGUARD positions. The designer and OWNER shall consider the impact on BATHER zone surveillance when determining placement of structural, operational, and theming elements. These elements may include but are not limited to:  Chairs, Fencing,	NAC 444.134 Decks.  1. Except as otherwise provided in this subsection and in NAC 444.196 and 444.1995, a clear, unobstructed deck must be provided around the entire perimeter of a pool. In no case may the width of the deck be less than 4 feet (1.2 meters). A deck may be obstructed for a distance equal to not more than 10 percent of the perimeter of the pool if:  (a) The design of the obstruction does not endanger the health or safety of persons using the pool;  (b) An unobstructed area of deck not less than 4	REWORDED TO MIRROR MAHC; MORE SPECIFIC REQUIREMENTS
(2) (3) (4) (5) (E) (1) (2) (3) (F)	Landscaping elements, ADA access equipment, and AQUATIC FEATURES. Conditions between adjacent DECK materials, components, and concrete pours shall not have open joints or gaps larger than 3/16 inch wide, nor a maximum difference in vertical elevation of ¼ inch. Any change in vertical elevation shall be considered an edge condition. Open joints or gaps larger than 3/16 inch wide or with vertical elevations exceeding ¼ inch shall be rectified using appropriate fillers. The use of fillers such as caulk or sealant in joints or gaps shall be permitted for expansion and contraction. All DECK edges shall be beveled, rounded, or otherwise relieved to eliminate sharp corners.	feet wide is provided around or through the obstruction not more than 15 feet (4.55 meters) from the edge of the pool; and (c) Written approval for the obstruction is obtained from the health authority before construction or installation of the obstruction.  2. The paved area of the deck must extend not less than 4 feet (1.2 meters) from both sides and rear of any diving board or its appurtenances.  3. The surface of the paved deck must not drain into the pool or the overflow gutter. Drainage must be conducted from the deck in a manner that will not create muddy, hazardous or objectionable	
(G)	Joints in DECKING shall be provided to minimize the potential for cracks due to a change in elevation, for movement of the slab and for shrinkage control.	conditions. Decks must slope on a minimum slope of 1/4 inch per foot (2 percent) to the drains to points at which the water will have a free, unobstructed flow to points of disposal at all times. If deck drains are provided, they must be spaced or arranged so that not more than 400 square feet (37.2 square meters) of area is tributary to each drain and drains must not be more than 25 feet (7.6 meters) apart. Drainage from the decks must not be returned to the recirculation system.  4. The deck must have a slip-resistant surface that can be cleaned by hosing and causes no discomfort to bare feet.  5. Provision must be made to prevent the drainage of materials from lawns or landscaped areas onto the pool decks or into the pool.	
2-601.2	Finish materials for the PERIMETER DECK shall be suitable for the POOL environment, non-toxic, and substantially impervious.	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT

	PROPOSED 2017 SOUTHERN NEVADA HEALTH DISTRICT AQUATIC FACILITY REGULATIONS	CURRENT - NEVADA ADMINISTRATIVE CODE 444	TYPE OF OR REASON FOR CHANGE
(A)	Continuous watertight EXPANSION JOINT material shall be provided between PERIMETER DECKS and POOL coping. Where applicable, the EXPANSION JOINT shall be designed and constructed so as to protect the coping and its mortar bed from damage as a result of		
	movement of the adjoining DECK.		
(B)	All conditions between adjacent concrete PERIMETER DECK pours shall be constructed		
	with watertight EXPANSION JOINTS.		
(1)	Joints shall be at least 3/16 inch in continuous width.		
(2)	The maximum allowable vertical differential across a joint shall be ¼ inch. [NEW]  DECKS shall be sloped away from the AQUATIC VENUE and in accordance with the	NEW PEOLIDEMENT NOT FOUND IN	NEW
	following: Smooth finishes sloped at 1/8 inch per foot; moderately textured finishes sloped at 1/4 inch per foot; and heavily textured finishes sloped at 3/8 inch per foot.	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	REQUIREMENT
(A)	The slope of all DECK areas shall be in accordance with the law.		
(1)	All water that touches areas defined as DECK, including water originating in the AQUATIC VENUE, shall drain effectively to either perimeter areas or to DECK drains.		
(2)	Drainage shall remove AQUATIC VENUE water that splashes outside of the AQUATIC VENUE		
	and beyond a POOL gutter system, DECK cleaning water, and rain water without leaving standing water.		
(B)	The placement of DECK drains, where provided, shall effectively carry water away from		
(-)	the AQUATIC VENUE and off the DECK without ponding.		
(C)	There shall be no direct connection between the DECK drains and the sanitary sewer		
(1)	system.  DECK drains shall not drain to the AQUATIC VENUE, gutter, or any RECIRCULATION SYSTEM.		
(1) (D)	Drain receptacles shall consist of non-corrosive or corrosion-resistant materials.		
(E)	Drain covers shall be suitable for bare foot traffic with openings no greater than ½ inch		
. ,	and easily removable with a simple tool to facilitate regular cleaning. [NEW]		
2-601.4	I .	NAC 444.135 Use of manufactured products to	REWORDED TO
(A)	PERIMETER DECK and POOL DECK shall be constructed with a uniform and easily cleaned	resist slipping.  A manufactured product may not be used at a	MIRROR MAHC; MORE SPECIFIC
(B)	surface such as concrete, tile, manufactured or acrylic surfaces.  All DECKS shall have slip-resistant, textured finishes, which are not conducive to slipping	public bathing or swimming facility or natural	REQUIREMENTS
(5)	under contact of bare feet in wet or dry conditions. All surfaces required to be slip-	bathing place to provide a slip-resistant finish or	REGUITEMENTO
	resistant shall have a minimum dynamic coefficient of friction at least equal to the	surface unless it is intended by the manufacturer	
	requirements of ANSI A137.1-2012 for that installation as measured by the DCOF	to provide resistance to slipping under wet	
(0)	AcuTest.	conditions.	
(C)	Carpet and artificial turf shall be prohibited materials for PERIMETER DECK and POOL DECK.  Wood shall be a prohibited material for use as PERIMETER DECK.		
(D) (E)	DRY DECK shall be easily maintained and not create an IMMINENT HEALTH HAZARD.		
(1)	DRY DECK shall not be required to be hard-paved or impervious.		
(2)	Wood DECKING may be permitted for DRY DECK.		
(F)	Loose plant material or bedding shall not be permitted within PERIMETER DECKS. Stable		
	materials are permitted.		DEWODDES = 2
	DECK Dimensions  PERMATER RESIDENCE shall be four (4) feet minimum in unabetrusted width ground the ROOL	See NAC 444.134 Decks.	REWORDED TO
(A)	PERIMETER DECKS shall be four (4) feet minimum in unobstructed width around the POOL perimeter.		MIRROR MAHC; MORE SPECIFIC
(1)	PERIMETER DECK may serve as part of the DESIGNATED WALKWAY.		REQUIREMENTS
(2)	Perimeter deck areas shall be flush with Pool walls/copings except where special		
	conditions exist, such as elevated beam or parapet, raised transfer walls, or as permitted		
	by other sections of these Regulations.		

	PROPOSED 2017 SOUTHERN NEVADA HEALTH DISTRICT AQUATIC FACILITY REGULATIONS	CURRENT - NEVADA ADMINISTRATIVE CODE 444	TYPE OF OR REASON FOR CHANGE
(B)	PERIMETER DECKS shall be provided around 90 percent of the AQUATIC VENUE perimeter except where special conditions exist as permitted by other sections of these		CHANGE
(1)	Regulations.  Narrow AQUATIC VENUES where the entire perimeter and depth of the POOL are readily reachable by a reaching pole and attached shepherd's crook from the PERIMETER DECK may obstruct up to 50 percent of the perimeter.		
(2)	A WAIVER may be submitted addressing all access concerns regarding BATHER rescue due to DECK obstructions.		
(C)	Unobstructed DECK area four (4) feet minimum in width shall be provided for access around:		
(1) (2) (3) (4)	Diving equipment; Special feature stairways (such as a WATERSLIDE); Lifeguard stands; Diving boards;		
(5) (6) (7)	Similar DECK equipment; ADA access equipment; Structural columns; and		
(8) (D) (1)	Raised edge perimeters. This unobstructed area may overlap the DESIGNATED WALKWAY. Where reasonably anticipated, queuing space shall be provided at applicable equipment to minimize encroachment into the DESIGNATED WALKWAY.		
(2)	Free area around equipment may consist of PERIMETER DECK and/or POOL DECK, as applicable.		
(E)	A continuous and unobstructed DESIGNATED WALKWAY shall be provided in conformance with the law.		
(1) (2) (3)	DECK furniture locations shall be designed not to intrude upon any DESIGNATED WALKWAY.  DESIGNATED WALKWAYS shall connect all site amenities, entrances and exits.  DESIGNATED WALKWAYS may consist of any combination of permitted DECK types.		
	6 WING WALLS OF PENINSULAS WING WALLS OF PENINSULAS less than 18 inches in width shall not be considered a part of the PERIMETER DECK.	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT
(1)	A WING WALL or PENINSULA greater than 18 inches wide but less than 48 inches wide may be used by LIFEGUARD personnel but shall not be considered as part of the PERIMETER DECK.		
(2)	Any WING WALL or PENINSULA intended to be accessed by LIFEGUARDS shall be constructed of slip-resistant materials.		
(B)	If it is impractical to design a perimeter overflow system into the WING WALL OR PENINSULA due to width or height, then the overflow system may bypass the WING WALL OR PENINSULA.		
(C)	WING WALLS and PENINSULAS shall be considered part of the POOL. WING WALLS and PENINSULAS shall not be accounted for in calculating the POOL perimeter.		
(D)	WING WALLS and PENINSULAS shall be at or above the normal operating water level of the POOL.		
(E)	DECK drainage shall not be required for WING WALLS OR PENINSULAS as they are considered part of the POOL. The tops shall be crowned to prevent standing water and sloped to the POOL or overflow system.		

	PROPOSED 2017 SOUTHERN NEVADA HEALTH DISTRICT AQUATIC FACILITY REGULATIONS	CURRENT - NEVADA ADMINISTRATIVE CODE 444	TYPE OF OR REASON FOR CHANGE
(F)	Vertical depth markers shall be provided around WING WALLS and PENINSULAS in accordance with these Regulations. [NEW]		
2-601.7 (A) (B) (C) (D) (E) (F) (G)	An ISLAND not more than 18 inches in width shall be designed to discourage a person from walking on the ISLAND by not providing stairs, ladders, or bridges to the ISLAND. The surface of ISLANDs intended for foot traffic shall be slip resistant.  An ISLAND 18 inches to 48 inches wide may be allowed for use only by LIFEGUARDS. Vertical depth markers shall be provided around ISLANDs in accordance with Section 2-3018.1 and visible from all sides.  Horizontal depth markings and warning signs shall also be required per Section 2-3018.1 if the ISLAND is designed for BATHER use. If the ISLAND is not designed for BATHER use, warning signs stating "No Entry" shall be required.  An ISLAND designed for BATHER traffic shall be accessible by bridge, ramp, ladder, or stairway from the POOL.  All bridges spanning a POOL or any other structures not intended for interactive play shall have a minimum clearance of eight (8) feet from the bottom of the POOL to any structure overhead.  Any bridge shall have a minimum 42 inch high BARRIER on both sides. [NEW]	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT
2-601.8	Domestic water hose bibs shall be provided in sufficient quantity, spacing, and type to wash down PERIMETER DECK and POOL DECK areas using a hose of no longer than 100 ft. All hose bibs shall be equipped with appropriate BACKFLOW prevention devices.	NAC 444.138 Hose bibs. Hose bibs must be provided in locations where necessary to enable thorough hosing down of all walks, floors and appurtenances. They must be located so they do not constitute a safety hazard.	REWORDED TO MIRROR MAHC
2-602 2-602.1	Diving Boards and Platforms  Diving boards and platforms shall be permitted only when the diving envelope and equipment conforms to the standards of one of the certifying agencies that regulate competitive diving. Such certifying agencies include FINA, NCAA, USA Diving, and NFSHSA.	NAC 444.122 Diving area and equipment.  1. In a pool in which diving and swimming are allowed, the area of the pool in which diving is permitted must be:  (a) In the case of a rectangular pool, at one end of the pool which is separated from the main swimming area by a lifeline.  (b) In the case of a T, L or Z shaped pool, in a recessed area forming one of the legs of the T, L or Z which is separated from the main swimming area by a lifeline.  □ A pool designed only for diving may be located in an area which is separate from a pool designed for swimming.  2. A pool for which an operating permit is issued before January 16, 1996, and in which diving is allowed must contain an adequate area and a depth of water to provide safe diving. A pool for which an operating permit is issued on or after January 16, 1996, and in which diving is allowed must contain an area and depth of water that complies with Article IV of the American National Standard for Swimming Pools: ANSI/NSPI-1 1991, which is hereby adopted by reference. A	REWORDED TO MIRROR MAHC

<u> </u>	PROPOSED 2017 SOUTHERN NEVADA HEALTH DISTRICT AQUATIC FACILITY REGULATIONS	CURRENT - NEVADA ADMINISTRATIVE CODE 444	TYPE OF OR REASON FOR CHANGE
		copy of the article may be obtained from the National Spa and Pool Institute, 2111 Eisenhower Avenue, Alexandria, Virginia 22314, at a cost of \$32.  3. Diving boards, towers and platforms in excess of 3 meters in height are not allowed in a pool without special provisions, controls and definite limitations on their use. Where such boards, towers or platforms are permitted, their use must be limited to adequately trained personnel and must not be open to the general public.	
2-603	Starting Platforms		
	Starting platforms shall be installed and conform to applicable safety standards established by FINA, USA Swimming, NCAA, NFSHSA, YMCA, or other sanctioning body. [NEW]	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT
2-603.2	Starting platforms shall be installed in a minimum water depth of four (4) feet. [NEW]	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT
	The leading edge of starting platforms shall have a maximum height of 30 inches above the water surface. [NEW]	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT
	Starting platforms shall have slip resistant tread surfaces. [NEW]	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT
	Starting platforms shall be installed and secured per manufacturer's recommendations at all times when in use. [NEW]	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT
2-604	Enclosures and Barriers		
2-604.1 (A)	The ENCLOSURE may consist of any combination of building envelopes, site walls, or fencing as provided for in this section.  ENCLOSURES shall be provided between CHEMICAL STORAGE SPACES, POOL, mechanical spaces, and areas accessible to the public, in accordance with local building codes.  [NEW]	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT
2-604.2 (A)	Construction Requirements  ENCLOSURES for AQUATIC VENUES shall not block or encumber a required emergency egress path from other structures.	NAC 444.136 Barriers; exclusion of unauthorized persons.  1. Provision must be made to exclude	REWORDED TO MIRROR MAHC
(B)	Windows on a building that form part of an ENCLOSURE around an AQUATIC VENUE shall have a maximum opening width not to exceed four (4) inches.	unauthorized persons from any pool or pool area.  A pool must be surrounded by a fence, wall,	
(C) (D)	Living or lodging units shall not enter directly into a common AQUATIC VENUE ENCLOSURE. For the purposes of this Section, height shall be measured from finished grade to the top of the ENCLOSURE on the side outside of the ENCLOSURE surrounding an AQUATIC VENUE.	building or other barrier that completely encloses the pool area and otherwise complies with the requirements of this section. No part of a pool	
(1)	Where a change in grade occurs at an ENCLOSURE, height shall be measured from the uppermost grade to the top of the ENCLOSURE.	enclosure may be used for common foot traffic.  2. The barrier must be impenetrable for small	
(2)	AQUATIC FACILITY ENCLOSURES shall not be less than six (6) feet in height for all new construction, SUBSTANTIAL ALTERATION, or any ENCLOSURE alterations.	children and must not offer any external handholds or footholds.	
(3)	Any vertical members in the ENCLOSURE must not be more than four (4) inches apart. Any opening at the bottom of the ENCLOSURE must not be more than four (4) inches in height.	3. In the case of a swimming pool operated solely for and in conjunction with a hotel, motel or other place of lodging, or a trailer park, apartment,	

	PROPOSED 2017 SOUTHERN NEVADA HEALTH DISTRICT AQUATIC FACILITY REGULATIONS	CURRENT - NEVADA ADMINISTRATIVE CODE 444	TYPE OF OR REASON FOR CHANGE
(4) (5)	The ENCLOSURE must be installed above a fixed, permanently installed solid surface. Except where otherwise noted, all other BARRIERS not serving as part of an AQUATIC FACILITY ENCLOSURE shall not be less than 42 inches in height.	condominium or other facility containing multiple dwellings, the barrier must be not less than 5 feet (1.5 meters) in height. Courtyard-type concepts in which gates or doors open directly into a pool enclosure from a dwelling unit or hotel or motel room are not permitted. In any other case, the barrier must be not less than 6 feet (1.8 meters) in height.  4. Any vertical members in the barrier must not be more than 4 inches (10.16 centimeters) apart.  5. Any opening at the bottom of the barrier must not be more than 4 inches (10.16 centimeters) in height.	
2-604.3 (A)	Gates and Doors Egress from a publicly accessible space within a building shall not open directly into the	NAC 444.136 Barriers; exclusion of unauthorized persons.	REWORDED TO MIRROR MAHC;
(B)	ENCLOSURE of the AQUATIC VENUE.  All primary public access gates or doors serving as part of an AQUATIC FACILITY  ENCLOSURE or required AQUATIC VENUE ENCLOSURE must be self-closing and self-latching from any open position.	6. Any gate or door that opens into the pool area:  (a) Must be equipped with permanent locking devices and self-closing and positive self-latching mechanisms. Self-closing and self-latching	MORE SPECIFIC REQUIREMENTS
(C)	All gates or doors shall be capable of being locked from the exterior. Electronically locked gates must be equipped with a back up battery to maintain function when power is interrupted.	mechanisms must be located not less than 3 1/2 feet above the ground.  (b) Must self-close and positively self-latch from	
(D)	Gates or doors shall be designed in such a way that they do not prevent egress in the event of an emergency.	any open position. (c) Must not be blocked open or otherwise	
(E)	Gates shall be at least equal in height at top and bottom to the ENCLOSURE of which they are a component.	disabled to prevent closing and latching. (d) Must, in the case of an indoor pool, be made	
(F) (G)	Unattended turnstiles shall not form a part of an AQUATIC FACILITY ENCLOSURE.  EXIT GATES shall swing away from the AQUATIC VENUE ENCLOSURE except where emergency egress codes require them to swing into the AQUATIC VENUE ENCLOSURE.	of metal and installed in a metal frame.  ☐The operator of the pool shall periodically inspect each such gate or door to ensure that it is	
(H) (1) (2)	Self-latching mechanisms:  Must be located not less than 3 ½ feet above finished grade and  Shall not be operable by small children on the outside of the ENCLOSURE around the  AQUATIC VENUE.	operating properly. 7. Facilities, such as large resort hotels, which have continuous, 24-hour-a-day security of the pool area may be exempt from the requirements	
<b>(I)</b>	For all other AQUATIC VENUES, EXIT GATES or doors shall be constructed so as to prevent unauthorized entry from outside of the ENCLOSURE around the AQUATIC VENUE.	of this section.  8. Where existing construction prohibits	
(1)	In lieu of meeting the requirements of Section 2-604, AQUATIC FACILITIES with 24-hour security by one or more persons with a physical presence of all AQUATIC VENUES within an ENCLOSURE may apply for a WAIVER to this section.	compliance with the requirements of this section, the owner shall file with the health authority an operation procedure which will serve to ensure the exclusion of unattended small children from the pool.	
2-604.4 (A)	INDOOR AQUATIC VENUES  Building walls enclosing an INDOOR AQUATIC FACILITY may be designated as the AQUATIC FACILITY ENCLOSURE.	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT
(B)	INDOOR AQUATIC VENUES shall be securable from unauthorized entry from other building areas or the exterior.		
(C)	Where separate indoor and outdoor AQUATIC VENUES are located on the same site, an AQUATIC VENUE ENCLOSURE shall be provided between them. <b>Exception:</b> Where all		

<u>!</u>	PROPOSED 2017 SOUTHERN NEVADA HEALTH DISTRICT AQUATIC FACILITY REGULATIONS	CURRENT - NEVADA ADMINISTRATIVE CODE 444	TYPE OF OR REASON FOR CHANGE
	AQUATIC VENUES are operated continuously 12 months a year on the same schedule.  [NEW]		
(A)	Except as otherwise required in these Regulations, one ENCLOSURE may surround multiple AQUATIC VENUES at one facility.  WADING POOLS and CHILD AMUSEMENT LAGOONS shall not require separation from other WADING POOLS and CHILD AMUSEMENT LAGOONS by a BARRIER. Refer to Section 2-1008 for additional guidance about WADING POOLS. [NEW]	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT
2-605	Aquatic Venue Cleaning Systems		
	The cleaning system provided shall not create an entanglement or suction entrapment hazard or interfere with the operation or use of the AQUATIC VENUE.	NAC 444.174 Vacuum cleaners.  1. A vacuum cleaning system is required at each public bathing or swimming facility having a pool. It must be either a portable type or an integral part of the recirculation system.  2. There must be sufficient suction and capacity to remove all normal accumulations from the floor of the pool.  3. If the vacuum cleaner is an integral part of the recirculation system, sufficient connections must be located in the walls of the pool, at least 8 inches (20 centimeters) below the water level. The vacuum cleaner may be connected to the skimmers.  4. Water vacuumed from outdoor pools and from pools with considerable sediment must be discharged to waste.  5. Any visible dirt on the bottom or sides of the pool, and any visible scum or floating matter on the surface of the pool must be removed before the pool is used.	REWORDED TO MIRROR MAHC
	If there are multiple AQUATIC VENUES at one AQUATIC FACILITY, the AQUATIC FACILITY may use common cleaning equipment. [NEW]	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT
	Use of integral vacuum systems, meaning a vacuum system that uses the main circulating pump or a dedicated vacuum pump connect to the POOL with PVC piping and terminating at the POOL with a flush-mounted vacuum port fitting, shall be prohibited.  [NEW]	See NAC 444.174 Vacuum cleaners.	REWORDED TO MIRROR MAHC; MORE SPECIFIC REQUIREMENTS
	Where used, portable vacuum cleaning equipment shall be powered by circuits having GFCIs. [NEW]	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT
	Any ROBOTIC CLEANERS shall utilize low voltage for all components that are immersed in the POOL water.  Any ROBOTIC CLEANER power supply shall be connected to a circuit equipped with a GFCI. [NEW]	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT
2-7	Recirculation Equipment Room		
2-701	Equipment Room		

	PROPOSED 2017 SOUTHERN NEVADA HEALTH DISTRICT AQUATIC FACILITY REGULATIONS	CURRENT - NEVADA ADMINISTRATIVE CODE 444	TYPE OF OR REASON FOR CHANGE
2-701.1 (A) (B) (C) (D)	Indoor equipment room floors shall be of concrete or other suitable material having a smooth slip resistant finish and shall have positive drainage, including a sump drain pump if necessary. Walls shall be finished in nonabsorbent material from floor level to four (4) feet in height.  Floors shall have a slope toward the floor drain and/or sump drain pump adequate to prevent standing water at all times.  Wall-floor junctures shall include curb construction of minimum height of four (4) inches. The opening to the EQUIPMENT ROOM or area shall be designed to provide access for all anticipated equipment.  At least one hose bib with an appropriate BACKFLOW preventer shall be located in the EQUIPMENT ROOM or shall be accessible within an adequate distance of the EQUIPMENT ROOM so that a hose can service the entire EQUIPMENT ROOM.	NAC 444.188 Equipment rooms.  1. Pumps, chlorinators and other electrical equipment must be installed in a protective enclosure.  2. If any part of the equipment room is below grade, access by stairway and suitable drainage, by sump pump if necessary, must be provided. If an open stairwell is used, ventilation through a fully louvered door and a permanently open louvered vent on at least one other side of the room is required. Enclosed stairways require louvered vents on three sides of the room or an exhaust fan. The access opening must be at least 3 feet x 6 feet (0.9 x 1.8 meters).  3. Equipment must be installed so that there is adequate clearance to allow for its normal operation and maintenance. An equipment room must have space to store chemicals and auxiliary equipment.	REWORDED TO MIRROR MAHC; MORE SPECIFIC REQUIREMENTS
2-701.2 (A) (B)	The size of the EQUIPMENT ROOM or area shall provide working space to perform routine operations and equipment service.  EQUIPMENT ROOMS also intended for storage shall have adequate space provided for such storage, without reducing the working spaces.  EQUIPMENT ROOMS or areas shall be lighted to provide 30 FOOT CANDLES (323 lux) of illumination at floor level.	See NAC 444.188 Equipment rooms.	REWORDED TO MIRROR MAHC; MORE SPECIFIC REQUIREMENTS
2-701.3	All electrical wiring shall conform to the current edition of NEC. Equipment, components, and their application and installation must conform to the NRTL listing.	NAC 444.140 Electrical requirements.  1. All new electrical wiring in a public bathing or swimming facility must conform with the 1987 edition of the National Electric Code of the National Fire Protection Association and applicable state and local building codes. A copy of the Code may be obtained from the International Conference of Building Officials, 5360 South Workman Mill Road, Whittier, California 90601, at a cost of \$20.50. All equipment, fixtures and wiring must bear an appropriate label issued by Underwriters Laboratories Inc., or an equivalent organization.  2. All electrical devices such as portable announcing systems, radios and soft drink dispensers that might be around the pool deck and immediate environment must not be within the reach of bathers.  3. Ground fault circuit interrupters must be provided on all new facilities in accordance with the 1987 edition of the National Electric Code for all lighting circuits as well as for motors and other	REWORDED TO MIRROR MAHC; MORE SPECIFIC REQUIREMENTS

	PROPOSED 2017 SOUTHERN NEVADA HEALTH DISTRICT AQUATIC FACILITY REGULATIONS	CURRENT - NEVADA ADMINISTRATIVE CODE 444	TYPE OF OR REASON FOR CHANGE
2-701.4 (A) (B) (C) (D) (E)	EQUIPMENT ROOM ventilation shall address: Combustion requirements; Heat dissipation from equipment; Humidity from surge or balance tanks; Ventilation to the outside; and Air quality. [NEW]	electrical circuits in the area of any pool. These devices are required on an existing facility if the health authority determines it is necessary to protect the safety of bathers.  NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT
2-701.5  (A) (1) (2) (3) (4) (5) (6) (7) (8) (9) (10) (B)	All piping in the EQUIPMENT ROOM shall be permanently identified by its use and the AQUATIC VENUE and AQUATIC FEATURE it serves.  Identification shall be provided for:  Main drains and SKIMMERS;  Filtered water;  Make-up water;  Backwash water;  Disinfectant feeds;  Acid (or PH) feeds;  Compressed air lines;  Gutters;  Chemical sample piping; and  AQUATIC VENUE heating lines.  All piping shall be marked with directional arrows as necessary to determine flow direction.  A water-resistant, easily read, wall-mounted piping diagram shall be furnished and installed inside the EQUIPMENT ROOM.	NAC 444.260 Instructions on operation and maintenance of facilities and equipment. Upon the completion of any public bathing or swimming facility, the owner and his or her operators must be given complete written and oral instructions by the contractor in the operation of the facility and all of its equipment, in the maintenance of the water used in the facility, and specifically in the details of maintenance of the equipment. All valves must be permanently tagged and a valve operating schedule must be provided for every operation.	REWORDED TO MIRROR MAHC; MORE SPECIFIC REQUIREMENTS
(A) (B) (1) (2) (C) (D)	Separation from Chemical Storage Spaces Combustion equipment, air-handling equipment, and electrical equipment shall not be exposed to air contaminated with corrosive chemical vapors.  Doors between an equipment room and an indoor aquatic facility shall be equipped with an automatic closer. The door, frame, and automatic closer shall be installed and maintained to ensure that the door closes completely, latches, and locks without human assistance.  The locks shall require a key or combination to open from the indoor aquatic facility side.  The locks shall be designed and installed to be opened by one hand from the inside of the room under all circumstances, without the use of a key or tool.  Doors shall be equipped with permanent signage warning against unauthorized entry.  All sides of the doors shall be equipped with a gasket. The gasket shall be installed to prevent the passage of air, or vapors when the door is closed. [NEW]	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT
2-701.7 (A)	Other Equipment Room Requirements Where ventilation, air filtration, or space dehumidification, heating, or cooling for an INDOOR AQUATIC FACILITY is by mechanical equipment located in an EQUIPMENT ROOM, adequate access space must be provided to allow for inspection and service.	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT

	PROPOSED 2017 SOUTHERN NEVADA HEALTH DISTRICT AQUATIC FACILITY REGULATIONS	CURRENT - NEVADA ADMINISTRATIVE CODE 444	TYPE OF OR REASON FOR CHANGE
(B)	Equipment may be installed in an outdoor ENCLOSURE provided the following conditions are met:		
(1)	Equipment must be securely installed on level concrete pads.		
(2)	Exposed plumbing must be protected from UV.		
(3)	Overhead UV protection must be provided.		
(4)	Unpaved areas within the ENCLOSURE shall be graded to allow for proper drainage with suitable ground cover to prevent the generation of mud in areas between equipment.		
(C)	Equipment installed below grade shall be equipped with stairs and an associated		
	handrail that meets applicable building code standards. [NEW]		
2-702	Chemical Storage Spaces		
	Nothing in this section shall be construed as providing relief from applicable	NEW REQUIREMENT NOT FOUND IN	NEW
	requirements of fire codes, mechanical codes, electrical codes, etc. [NEW]	CURRENT NAC 444	REQUIREMENT
2-702.1	If POOL chemicals, acids, salt, oxidizing cleaning materials, or other corrosive or oxidizing	NAC 444.182 Disinfectants: Handling; storage;	REWORDED TO
	chemicals are stored outdoors, they must be stored in a well-ventilated protective area with an installed ENCLOSURE to prevent unauthorized access as per Section 2-702.2.	toxicity.  2. Adequate facilities for storing chemicals must	MIRROR MAHC; MORE SPECIFIC
(A)	At least one space dedicated to chemical storage space shall be provided to allow safe	be provided at all public bathing or swimming	REQUIREMENTS
	storage of the chemicals present.	facilities. Chemicals must be stored in accordance	
		with the instructions of the manufacturer or, in the	
		absence of such instructions, as directed by the health authority.	
2-702.2	Equipment listed for outdoor use may be located in exterior CHEMICAL STORAGE SPACES as	NEW REQUIREMENT NOT FOUND IN	NEW
	permitted.	CURRENT NAC 444	REQUIREMENT
(A)	Exterior CHEMICAL STORAGE SPACES not joined to a wall of a building shall be completely enclosed by fencing that is at least six (6) feet high and meets the ENCLOSURE		
	requirements.		
(B)	Fencing shall be equipped with a self-closing and self-latching gate having a permanent		
0.700.0	locking device. [NEW]	NEW REQUIREMENT NOT FOUND IN	A I T \ A /
2-702.3	Exterior CHEMICAL STORAGE SPACES shall be equipped with overhead UV protection. [NEW]	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT
2-702.4	Combustion Equipment in Interior CHEMICAL STORAGE SPACES	NEW REQUIREMENT NOT FOUND IN	NEW
(A)	No combustion device or appliance shall be installed in a CHEMICAL STORAGE SPACE, or in	CURRENT NAC 444	REQUIREMENT
(B)	any other place where it will be exposed to the air from a CHEMICAL STORAGE SPACE.		
(B)	<b>Exception:</b> A COMBUSTION DEVICE or appliance which meets all of the following requirements shall be acceptable:		
(1)	The device or appliance is required for one or more processes integral to the function of		
	the room, such as space heat;		
(2) (3)	The device is listed for such use; and The device as installed is approved by the HEALTH AUTHORITY. NEW][		
	Ozone Rooms	NEW REQUIREMENT NOT FOUND IN	NEW
(A)	An ozone EQUIPMENT ROOM shall not be used for storage of chemicals, solvents, or any	CURRENT NAC 444	REQUIREMENT
	combustible materials, other than those required for the operation of the recirculation		
(P)	and ozone generating equipment.		
(B)	Rooms which are designed to include ozone equipment shall be equipped with an emergency ventilation system capable of six air changes per hour.		
(1)	The exhaust intake shall be located approximately six (6) inches from the floor, on the		
	opposite side of the room from the make-up air intake.		

<u> </u>	PROPOSED 2017 SOUTHERN NEVADA HEALTH DISTRICT AQUATIC FACILITY REGULATIONS	CURRENT - NEVADA ADMINISTRATIVE CODE 444	TYPE OF OR REASON FOR CHANGE
(2)	The emergency ventilation system shall be so arranged as to run on command of an		
	ozone-leak alarm or on command of a manual switch.		
(3)	The manual emergency ventilation switch shall be located outside the room and near the		
(2)	door to the ozone room.		
(C)	Ozone rooms which are below grade shall be equipped with forced-draft ventilation		
(4)	capable of six (6) air changes per hour.		
(1)	The exhaust intake shall be located approximately six (6) inches from the floor, on the opposite side of the room from the make-up air intake.		
(2)	The ventilation system shall be arranged to:		
(2) (a)	Run automatically concurrent with the ozone equipment and for at least a time allowing		
(4)	for 15 air changes after the ozone equipment is stopped,		
(b)	Run upon activation of the ozone detection and alarm system, and		
(c)	Run on command of a manual switch.		
(3)	The manual ventilation switch shall be located outside the room and near the door to the		
	ozone room.		
(D)	In addition to the signs required on all chemical storage areas, a sign shall be posted on		
	the exterior of the entry door, stating "DANGER - GASEOUS OXIDIZER - OZONE" in		
<b>,_</b> \	lettering not less than four (4) inches high.		
(E)	Rooms containing ozone generation equipment shall be equipped with an audible and		
(4)	visible ozone detection and alarm system.		
(1)	The alarm system shall consist of both an audible alarm capable of producing at least 85 decibels at ten (10) feet distance, and a visible alarm consisting of a flashing light		
	mounted in plain view of the entrance to the ozone-EQUIPMENT ROOM.		
(2)	The ozone sensor shall be located at a height of 18-24 inches above floor level and shall		
(-)	be capable of measuring ozone in the range of 0-2 PPM.		
(3)	The alarm system shall activate when the ozone concentration equals or exceeds 0.1		
, ,	PPM in the room.		
(4)	Activation of the alarm system shall shut off the ozone generating equipment and turn on		
	the emergency ventilation system.		
(F)	Use of compressed CHLORINE gas shall be prohibited for new construction and after		
	SUBSTANTIAL ALTERATION to existing AQUATIC FACILITIES. [NEW]		
2-8	Hygiene Facilities		
2-801	General		
2 00 .			
2-801.1	All design provisions shall be required for new construction or SUBSTANTIAL ALTERATION to	NEW REQUIREMENT NOT FOUND IN	NEW
	an existing AQUATIC FACILITY. [NEW]	CURRENT NAC 444	REQUIREMENT
2-801.2	AQUATIC facilities shall provide HYGIENE FACILITIES that include, at a minimum, toilets,	NAC 444.210 Required facilities.	REWORDED TO
	urinals, SHOWERS, hand washing sinks and other HYGIENE FIXTURES, as specified herein.	Dressing facilities, shower facilities and drinking	MIRROR MAHC
		fountains conforming to the minimum	
		requirements of this section must be provided for	
		each public bathing or swimming facility except	
		where the users of the facility have access to	
		showers, toilet and dressing facilities in adjacent	
		living quarters or such facilities are otherwise available for use by all persons who may use the facility.	

PROPOSED 2017 SOUTHERN NEVADA HEALTH DISTRICT AQUATIC FACILITY REGULATIONS	CURRENT - NEVADA ADMINISTRATIVE CODE 444	TYPE OF OR REASON FOR CHANGE
	2. These facilities must be under the general supervision of the owner of the public bathing or swimming facility.  3. As used in this section: (a) "Adjacent" means that not more than 10 percent of bathers will have to travel more than 300 feet (91.4 meters) to sanitary facilities. (b) "Living quarters" includes any hotel, motel or other place of lodging, or a trailer park, apartment, condominium or other facility containing multiple dwellings.  4. For distances greater than that provided in paragraph (a) of subsection 3, the following minimum sanitary facilities must be provided in the bath house: Men: 1 water flush toilet; 1 lavatory; 1 shower Women: 1 water flush toilet; 1 lavatory; 1 shower	
2-801.3 HYGIENE FACILITIES shall be constructed in accordance with relevant law or as modified herein.	NAC 444.212 General requirements.  1. The rooms of bathhouses must be well lighted, drained, ventilated and of good construction, with impervious materials employed in general. They must be finished in light colors and so developed and planned that good sanitation can be maintained throughout the building at all times.  2. Every bathhouse must be provided with separate facilities for each sex with no interconnection between the provisions for male and female.  3. No food, drink or glass containers are permitted in the dressing room or bath areas.	REWORDED TO MIRROR MAHC
2-801.4 The minimum numbers of toilets, urinals, hand washing sinks and other HYGIENE FIXTURES provided, excluding SHOWERS, shall be in accordance the building codes.	NAC 444.214 Minimum sanitary plumbing facilities.  1. Minimum sanitary plumbing facilities must be provided at each public bathing or swimming facility as follows:  (a) For males: One water flush toilet, two water flush urinals and one lavatory is presumed adequate for the first 100 bathers. One water closet, one urinal and one lavatory must be provided for each additional 100 bathers or major fraction thereof. Not less than two shower heads must be provided which will be assumed to be adequate for the first 80 bathers. One additional shower head must be provided for each additional 40 bathers.  (b) For females: Not less than three water flush toilets and one lavatory must be provided which	REWORDED TO PROVIDE CLARITY

<u> </u>	PROPOSED 2017 SOUTHERN NEVADA HEALTH DISTRICT AQUATIC FACILITY REGULATIONS	CURRENT - NEVADA ADMINISTRATIVE CODE 444	TYPE OF OR REASON FOR CHANGE
		will be assumed to be adequate for the first 100 bathers. Two water closets and one lavatory must be provided for each additional 100 bathers or major fraction thereof. Not less than two shower heads must be provided which is presumed to be adequate for the first 80 bathers. One shower head must be added for each 40 additional bathers.  (c) Fixture schedules should be increased for facilities at schools or other similar locations where bather loads may reach peaks due to schedules of use.  2. These minimum criteria for bathhouse plumbing facilities are based upon the anticipated maximum attendance in bathers.  3. The requirements of this section do not apply to any swimming pool operated solely for and in conjunction with a hotel, motel or other place of lodging, or a trailer park, apartment, condominium or other facility containing multiple dwellings.	
2-802	Location	or other facility containing multiple dwellings.	
	Except as required in Section 2-802.1 and 2-802.2, a drinking fountain, toilet, and hand washing sink shall be located no greater than 300 feet walking distance from each AQUATIC VENUE, along a path designated for pedestrian traffic.  Exemption: Unless otherwise specified, AQUATIC VENUES located within 300 feet walking distance of all lodging or residential settings are exempt from this Section.	NAC 444.210 Required facilities. 3. As used in this section: (a) "Adjacent" means that not more than 10 percent of bathers will have to travel more than 300 feet (91.4 meters) to sanitary facilities.	REWORDED TO MIRROR MAHC
2-802.1	An AQUATIC VENUE designed primarily for use by children less than five (5) years of age shall have a drinking fountain, toilet, and HAND WASH STATION located no greater than 200 feet walking distance and in clear view from the nearest entry/exit of the AQUATIC VENUE.	NAC 444.204 General requirements for wading pools; location of spray pools.  1. Adequate sanitary toilet facilities, as determined by the health authority, must be available in the vicinity of the pool.  2. A sanitary drinking fountain must be provided at one side or end of the area with a raised step to enable children of all sizes to drink without assistance.	REWORDED TO MIRROR MAHC; NEW REQUIREMENT
2-802.2	SPAS shall have a drinking fountain located no greater than 100 feet walking distance from the SPA.	NAC 444.460 Drinking fountains.  A drinking fountain must be provided within 100 feet (30.48 m) of the spa where it will be readily accessible from a spa pool. The drinking fountain may be inside or outside the spa pool enclosure.	REWORDED TO MIRROR MAHC
2-803	Design and Construction		
2-803.1	The floors of HYGIENE FACILITIES and dressing areas serving AQUATIC FACILITIES shall have a smooth, easy-to-clean, impervious-to-water, slip-resistant surface. All surfaces required to be slip-resistant shall have a minimum dynamic coefficient of friction at least	NAC 444.218 Floors.  1. Floors of the bathhouse must be of smooth finished material with a slip-resistant surface and	REWORDED TO MIRROR MAHC

<u> </u>	PROPOSED 2017 SOUTHERN NEVADA HEALTH DISTRICT AQUATIC FACILITY REGULATIONS	CURRENT - NEVADA ADMINISTRATIVE CODE 444	TYPE OF OR REASON FOR CHANGE
	equal to the requirements of ANSI A137.1-2012 for that installation as measured by the DCOF AcuTest.	impervious to moisture. Junctions between walls and floors must be coved.	
	A hard, smooth, impervious-to-water, easy-to-clean base shall provide a sealed, coved juncture between the wall and floor and extend upward on the wall at least six (6) inches.	See above	REWORDED TO MIRROR MAHC
2-803.3 (A) (B)	Floor drains shall be installed in HYGIENE FACILITIES and dressing areas where PLUMBING FIXTURES are located. Floor drain opening grill covers shall be ½-inch or less in width or diameter. Floors shall be sloped to drain water or other liquids.	NAC 444.218 Floors.  2. Floor drains must be provided to ensure positive drainage of all parts of the building with a slope in the floor of not less than 1/4 inch per foot (2 percent), toward drains.	REWORDED TO MIRROR MAHC
2-803.4	Partitions and ENCLOSURES adjacent to HYGIENE FACILITIES shall have a smooth, easy-to-clean, impervious surface.	NAC 444.222 Furnishings.  2. All partitions between portions of the dressing room areas, screen partitions, shower, toilet and dressing room booths must be of durable material not subject to damage by water and must be designed so that a water way is provided between the partitions and floor to permit thorough cleaning of the floor area with hoses and brooms.	REWORDED TO MIRROR MAHC
2-803.5	At least one hose bibb or other potable water source capable of connecting a hose shall be located in each HYGIENE FACILITY to facilitate cleaning.	NAC 444.216 Plumbing requirements. 4. Hose bibs must be provided for flushing down the dressing rooms and the interior of the bathhouse.	REWORDED TO MIRROR MAHC
2-804	Plumbing Fixture Requirements		
2-804.1 (A) (B)	PLUMBING FIXTURES shall be installed and operated in a manner to adequately protect the potable water supply from BACKFLOW in accordance with applicable law.  PLUMBING FIXTURES shall be designed so that they may be readily and frequently cleaned, SANITIZED, and disinfected.  Drinking fountains must be installed outside of HYGIENE FACILITIES.	NAC 444.216 Plumbing requirements.  1. At least one drinking fountain must be made available to bathers at a public bathing or swimming facility. A raised step must be provided to enable children of all sizes to drink from the	REWORDED TO MIRROR MAHC
	CLEANSING SHOWERS  The minimum number of CLEANSING SHOWERS shall be one per gender for AQUATIC FACILITIES less than 4,000 square feet in collective AQUATIC VENUE surface area. An additional CLEANSING SHOWER per gender shall be added for each additional 4,000 square feet of AQUATIC VENUE space or portion thereof.  CLEANSING SHOWERS shall be evenly distributed between genders.  CLEANSING SHOWERS shall be located in a HYGIENE FACILITY near the entrance and within clear view of the AQUATIC VENUE.  Entryways to private or group CLEANSING SHOWER areas shall be enclosed by a door or curtain.  SHOWER doors shall be of a smooth, hard, easy-to-clean material.  SHOWER curtains shall be of a smooth, easy-to-clean material.  CLEANSING SHOWERS shall be supplied with soap and a soap dispenser adjacent to the	fountain without assistance.  NAC 444.216 Plumbing requirements.  3. Heated water must be provided at all shower heads. The water heater and thermostatic mixing valve must be inaccessible to bathers and must be capable of providing 3 gallons (11.4 liters) per minute per shower head of not less than 90F (32C) water. The showers must be so designed that a proper mixture of hot and cold water may be obtained without danger of scalding the bather.	REWORDED TO MIRROR MAHC
	SHOWERS  RINSE SHOWERS	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT

<u> </u>	PROPOSED 2017 SOUTHERN NEVADA HEALTH DISTRICT AQUATIC FACILITY REGULATIONS	CURRENT - NEVADA ADMINISTRATIVE CODE 444	TYPE OF OR REASON FOR CHANGE
(A)	A minimum of one RINSE SHOWER shall be provided on the DECK near an entry point to the AQUATIC VENUE.		
(B)	Floors of RINSE SHOWERS shall be sloped to drain wastewater away from the AQUATIC VENUE and meet local applicable codes.		
(C) (D)	RINSE SHOWER drains shall discharge to the sanitary sewer. RINSE SHOWERS IN AQUATIC FACILITIES greater than 7,500 square feet of water surface		
, ,	area shall be situated adjacent to each AQUATIC VENUE entry point or arranged to encourage BATHERS to use the RINSE SHOWER prior to entering the AQUATIC VENUE.		
(E)	A minimum of four (4) showerheads per 50 feet of beach entry AQUATIC VENUES shall be provided as a RINSE SHOWER located not more than 30 feet from the AQUATIC VENUE or queuing area.		
(F)	A minimum of one RINSE SHOWER shall be provided at each entrance to a LAZY RIVER AQUATIC VENUE.		
(G)	A minimum of one RINSE SHOWER shall be provided at each entrance to a WATERSLIDE queue line. [NEW]		
(A) (B)	AQUATIC FACILITIES with 7,500 square feet of water area or more may be flexible in the number of CLEANSING SHOWERS they provide based on the THEORETICAL PEAK OCCUPANCY: 25 percent of the required SHOWERS shall be CLEANSING SHOWERS, 25 percent of the required SHOWERS shall be RINSE SHOWERS, and	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT
(C)	The remaining 50 percent may be either cleansing or RINSE SHOWERS. [NEW]		
2-804.5 (A)	Non-PLUMBING FIXTURE Requirements All HYGIENE FIXTURES and appurtenances in the dressing area shall have a smooth, hard, easy-to-clean, impervious-to-water surface and be installed to permit thorough cleaning.	NAC 444.222 Furnishings.  1. All furniture must be of simple character and easily cleanable. Locker compartments, furniture,	REWORDED TO MIRROR MAHC; MORE SPECIFIC
(B) (C) (D)	Glass, excluding mirrors and lighting fixtures, shall not be permitted in HYGIENE FACILITIES. Mirrors and light fixtures shall be shatter resistant.  If lockers are provided, they shall be installed at least 3.5 inches above the finished floor	partitions and other appurtenances in dressing rooms must be so installed so as to permit thorough cleaning and flushing of the floor.	REQUIREMENTS
	or on legs or a base at least 3.5 inches high and far enough apart to allow for cleaning and drying underneath the locker.	2. All partitions between portions of the dressing room areas, screen partitions, shower, toilet and	
(E)	Soap dispensers shall be securely attached adjacent to hand washing sinks and at each CLEANSING SHOWER. The dispensers shall be of all metal, plastic, or other shatterproof materials that can be readily and frequently cleaned.	dressing room booths must be of durable material not subject to damage by water and must be designed so that a water way is provided	
(F)	Hand dryers or paper towel dispensers shall be provided and securely attached adjacent to hand washing sinks. Hand dryers and paper towel dispensers shall be of all metal, plastic or other shatterproof materials that can be readily and frequently cleaned.	between the partitions and floor to permit thorough cleaning of the floor area with hoses and brooms.	
(G)	Toilet paper dispensers shall be securely attached to wall or partition adjacent to each toilet.	3. Dispensers for providing soap must be provided at each lavatory and shower head. The	
(H)	In female HYGIENE FACILITIES, covered receptacles adjacent to each toilet shall be provided for disposal of used feminine hygiene products.	dispensers must be all metal or plastic type. The use of glass in these is not permitted. Paper	
(1)	A minimum of one hands-free trash receptacle shall be provided in areas adjacent to hand washing sinks.	towels must be provided for users of the lavatories.  4. Mirrors of unbreakable material must be provided over each lavatory, and toilet paper holders, with toilet paper, must be provided at each water closet combination.	
		5. All light fixtures must be adequately shielded to prevent injury to bathers.	

	PROPOSED 2017 SOUTHERN NEVADA HEALTH DISTRICT AQUATIC FACILITY REGULATIONS	CURRENT - NEVADA ADMINISTRATIVE CODE 444	TYPE OF OR REASON FOR CHANGE
2-805	Provision of Suits, Towels, and Shared Equipment AQUATIC FACILITIES supplying reusable suits, towels, and/or shared equipment shall provide adequate equipment and space for cleaning, sanitizing, drying, and storing of these materials.	NAC 444.284 Swimming suits and towels.  1. Swimming suits and towels furnished by the management, unless sent to a public laundry, must be washed with hot water and soap or detergent, rinsed and thoroughly dried and sterilized by heat each time they are used, or an equivalent, approved process must be used.	REWORDED TO MIRROR MAHC
2-806	Foot Baths are Prohibited Foot Baths are standing water in which BATHERS or aquatics staff rinse their feet. Foot baths are prohibited. [NEW]	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT
2-9	Water Supply and Wastewater Disposal		
2-901	Water Supply		
2-901.1 (A) (B)	Water serving an AQUATIC FACILITY shall be supplied from a potable water source.  Other water sources such as lakes or springs may be APPROVED to serve an AQUATIC FACILITY by the HEALTH AUTHORITY.  Use of condensate water, collected rain water, or other reclaimed water for water serving an AQUATIC VENUE is prohibited.	NAC 444.216 Plumbing requirements.  2. All water provided for drinking fountains, lavatories and showers must be potable and meet the requirements and conform with the standards of the Health Division for drinking water.  NAC 444.148 Quality of water.  1. Water entering a public bathing or swimming facility for the first time must meet the bacteriological standards for potable water set forth in the primary drinking water standards adopted pursuant to NRS 445A.855, except the health authority may approve the use of water from natural sources including saline water. Fresh water must be added to pools that depend upon the flow of a stream, lake, well or other source which has been diverted to flow in and out of the pool, at a rate of not less than 1,000 gallons (378.5 liters) per hour for each 20 bathers using the pool during each hour.	REWORDED TO MIRROR MAHC
	The water supply shall have sufficient capacity to simultaneously serve all PLUMBING FIXTURES. [NEW]	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMEMNT
	The water supply shall have sufficient capacity and pressure to refill the AQUATIC VENUE to the operating water level after backwashing filters and after any splashing or evaporative losses within one hour if the AQUATIC VENUE is operational at the time of the backwash. [NEW]	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT
2-901.4 (A)	Facilities not having dependable DISINFECTION and filtration systems or failing to maintain such systems in accordance with these Regulations shall provide weekly bacteriological testing results from a State certified laboratory of water samples taken from each AQUATIC VENUE. Not more than 15 percent of the samples must either:  Contain more than 200 bacteria per milliliter, as determined by the standard (35°C) agar	NAC 444.150 Sampling of water.  1. Samples of water from each public bathing or swimming facility must be submitted to the laboratory of the Health Division once a week for bacteriological testing. This requirement may be	REWORDED TO PROVIDE CLARITY
()	plate count; or	waived for facilities maintaining approved	

	PROPOSED 2017 SOUTHERN NEVADA HEALTH DISTRICT AQUATIC FACILITY REGULATIONS	CURRENT - NEVADA ADMINISTRATIVE CODE 444	TYPE OF OR REASON FOR CHANGE
(B)	Show a positive test (confirmed test) for total coliform organisms in any of the five 10 milliliter portions of a sample or more than 1.0 coliform organisms per 50 milliliter if the membrane filter test is used.	operating records and having dependable disinfection and filtration.  2. Not more than 15 percent of the samples must either:  (a) Contain more than 200 bacteria per milliliter, as determined by the standard (35C) agar plate count; or  (b) Show positive test (confirmed test) for coliform organisms in any of the five 10 milliliter portions of a sample or more than 1.0 coliform organisms per 50 milliliter if the membrane filter test is used.  3. All samples must be collected, dechlorinated and examined in accordance with the procedures outlined in the latest edition of Standard Methods for the Examination of Water and Wastewater (APHA).	
2-902	Fill Spout		
2-902.1	A fill spouts used at an AQUATIC VENUE shall be located so it is not a safety hazard to BATHERS.	NAC 444.474 Supply of water. 3. The fillspout, if used, must be properly shielded so as not to create a hazard.	REWORDED TO MIRROR MAHC
2-902.2	The open end of fill spouts shall not have sharp edges or protrude more than two (2) inches beyond the edge of the POOL. [NEW]	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT
	The open end shall be separated from the water by an air gap of at least 1.5 pipe diameters measured from the pipe outlet to the POOL.	NAC 444.146 Connections for supply and disposal of water. 2. Water used to fill any pool must be supplied by an overfall fillspout providing an airgap of not less than 6 inches (15 centimeters) between the flood level at the pool and the lowest point of the fillspout, or an overfall supply to a surge tank or receptor wherein the water will freely overflow at deck level or the top of the surge tank or receptor before coming in contact with the water supply outlet.  NAC 444.474 Supply of water. 2. A fillspout, if used, must have an air gap of not less than twice the pipe diameter, or 3 inches (7.62 cm) above the overflow of the spa, whichever is greater, and the fillspout must not protrude more than 2 inches (5.08 cm) beyond the edge of the spa.	REWORDED TO MIRROR MAHC
2-903	Cross-Connection Control		
2-903.1 (A)	The potable water supply serving an AQUATIC VENUE shall be protected against BACKFLOW consisting of either of the following:  An acceptable air gap consisting of a vertical distance of not less than two pipe diameters of the water supply pipe or six (6) inches, whichever is greater, over the lowest free-flowing discharge point of the receiving pipe, tank, or vessel. Splash guards that are open to the atmosphere may be used around the air gap; or	NAC 444.146 Connections for supply and disposal of water.  1. No direct mechanical connection with a domestic water supply may be made to a public bathing or swimming facility, a chlorinator or the system of piping for the facility, unless it is	REWORDED TO MIRROR MAHC

	PROPOSED 2017 SOUTHERN NEVADA HEALTH DISTRICT AQUATIC FACILITY REGULATIONS	CURRENT - NEVADA ADMINISTRATIVE CODE 444	TYPE OF <mark>OR</mark> REASON FOR CHANGE
(B)	An APPROVED RPZ or a pressurized vacuum breaker (PVB) BACKFLOW preventer installed according to the plumbing code and the HEALTH AUTHORITY. All BACKFLOW prevention devices installed must be tested on an annual basis.	protected against backflow in a manner approved by the health authority. All pools must be equipped with acceptable provisions, such as overfall fillspouts, surge tanks or receptors, for adding makeup water.  2. Water used to fill any pool must be supplied by an overfall fillspout providing an airgap of not less than 6 inches (15 centimeters) between the flood level at the pool and the lowest point of the fillspout, or an overfall supply to a surge tank or receptor wherein the water will freely overflow at deck level or the top of the surge tank or receptor before coming in contact with the water supply outlet.	
2-904	Sanitary Wastes Wastewater from all PLUMBING FIXTURES in the entire AQUATIC FACILITY shall be discharged to a sanitary sewer system.	NAC 444.146 Connections for supply and disposal of water.  3. Sanitary sewage from the bathhouse must be discharged into a sewage system approved by the health authority.	REWORDED TO MIRROR MAHC
2-905	Pool Wastewater		
(A) (B)	Wastewater from an AQUATIC VENUE, including filter backwash water, shall be discharged indirectly, via a sump pit through an air-gap to a sanitary sewer system having sufficient capacity to collect and treat wastewater.  Wastewater shall not be directed to storm water systems or surface waters.  A water recovery and reuse system may be submitted to the HEALTH AUTHORITY for review and approval.	NAC 444.176 Disposal of waste. 1. Provision must be made to dispose of material cleaned from filters and of backwash water in a manner that will not create a nuisance.  2. If drainage to a sanitary sewer or storm sewer is permitted, an air gap must be provided which will positively preclude against surge or backflow introducing contaminated water into the pool or the recirculation system.  3. Diatomaceous earth must be disposed of so that no solids appear in the wastewater. This may be done by using a separation tank, receiving chamber, or any other method approved by the health authority.	REWORDED TO MIRROR MAHC
	The wastewater disposal system shall have sufficient capacity to receive wastewater without flooding when filters are cleaned or when the AQUATIC VENUE is drained. [NEW]	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT
	A separate line equipped with a valve shall be installed to bypass the filter and discharge to waste indirectly for the purpose of draining the AQUATIC VENUE. [NEW]	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT
	The sump pit must be located where it does not impede access to equipment or present a hazard. Access to the sump pit must not be obstructed. Any cover placed over the sump pit shall allow for regular inspection and maintenance, and shall not impede flow of wastewater into the pit. <a href="[NEW]">[NEW]</a>	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT
2-10	Special Use Aquatic Venues		

Pf	ROPOSED 2017 SOUTHERN NEVADA HEALTH DISTRICT AQUATIC FACILITY REGULATIONS	CURRENT - NEVADA ADMINISTRATIVE CODE 444	TYPE OF OR REASON FOR CHANGE
2-1001	General Requirements		
2-1001.1	Special use aquatic venue's shall comply with the requirements stated in these regulations as applicable in addition to the additional provisions or reliefs of this section. [NEW]	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT
2-1001.2	The DESIGN PROFESSIONAL, or licensed contractor, shall provide information to adequately support why the SPECIAL USE AQUATIC VENUE does not meet the definition and use characteristics of other categories of AQUATIC VENUES or POOLS listed in these Regulations.	NAC 444.1948 Deviation from requirements.  A water recreation attraction may deviate from the requirements of NAC 444.010 to 444.306, inclusive, if and to the extent:  1. An exemption from those requirements is necessary to accommodate the special use of the attraction; and  2. The design and construction of the attraction are within the limits of sound engineering practice and present no health or safety hazard.	REWORDED TO MIRROR MAHC
2-1001.3	A WAIVER must be submitted when the design specifications do not meet the standards outlined in Section 2. When submitting a WAIVER, the DESIGN PROFESSIONAL, or licensed contractor, shall provide justification for design parameters that do not meet the design standards and construction requirements listed in these Regulations. See Section 5-3 for WAIVER requirements.	NAC 444.206 Special purpose pools.  1. Special purpose pools may deviate from the requirements of NAC 444.010 to 444.306, inclusive, if:  (a) Their design and construction are within the limits of sound engineering practice and present no health or safety hazard; and  (b) The deviation is required because of the special use of the pools.  2. The operating permit issued for a special purpose pool must denote that it is for such a pool and must state the purpose for which the pool is to be used.  3. The health authority shall require such measures as he or she deems necessary to ensure the health and safety of bathers using a special purpose pool.	REWORDED TO MIRROR MAHC; MORE SPECIFIC REQUIREMENTS
2-1002	Spas		
2-1002.1 (A)	The maximum water depth in SPAS shall be four (4) feet measured from the designed static water line unless designed for special use and purposes APPROVED by the HEALTH AUTHORITY.  The water depth for exercise SPAS shall not exceed six (6) feet six inches measured from the designed static water line.	NAC 444.432 Depth.  1. The maximum water depth for a public spa is 4 feet (1.22 m), measured from the waterline.  Exceptions may be made by the health authority	REWORDED TO MIRROR MAHC; MORE SPECIFIC REQUIREMENTS
(B)	from the designed static water line.  The maximum submerged depth of any seat or sitting bench shall be 28 inches measured from the water line.	for spas designed for special purposes such as instruction, treatment and therapy.  2. The maximum depth for any seat or sitting bench in a public spa is 2 feet (61 cm) measured from the waterline.	
2-1002.2	A SPA shall have one or more suitable, slip-resistant handhold(s) around the perimeter and not over 12 inches above the water line. The handhold(s) may consist of bull-nosed coping, ledges or DECKS along the immediate top edge of the SPA; ladders, steps, or seat ledges; or railings.	NAC 444.450 Handholds.  1. A public spa must be provided with suitable handholds around the perimeter in areas where the spa is more than 3 feet 6 inches (1.07 m)	REWORDED TO MIRROR MAHC; MORE SPECIFIC REQUIREMENTS

PROPOSED 2017 SOUTHERN NEVADA HEALTH DISTRICT AQUATIC FACILITY REGULATIONS	CURRENT - NEVADA ADMINISTRATIVE CODE 444	TYPE OF OR REASON FOR CHANGE
<ul> <li>2-1002.3 Where SPA depths are greater than 24 inches, interior steps or stairs shall be provided in accordance with Section 2-304</li> <li>(A) Each set of steps shall be provided with at least one handrail to serve all treads and risers.</li> <li>(1) A point of egress equipped with a handrail must be provided for every 50 feet of perimeter or major portion thereof.</li> <li>(B) Seats or benches may be provided as part of these steps.</li> <li>(C) Approach steps on the exterior of a SPA wall extending above the DECK shall also be required unless the raised SPA wall is 19 inches or less in height above the DECK and it is used as a transfer tier or pivot-seated entry.</li> </ul>	deep, measured from the deepest point of the spa floor to the waterline.  2. Handholds must be spaced no farther apart than 4 feet (1.22 m) and must be provided with a suitable, slip-resistant surface.  3. Handholds may be:  (a) Ledges, radiused flanges, or cantilevered decks along the immediate top edge of the spa, located not more than 1 foot (30.50 cm) above the waterline.  (b) A rope or railing placed not more than 1 foot (30.50 cm) above the waterline, fastened to the spa wall.  (c) Ladders, steps and seat ledges.  (d) A combination of the handholds listed in this section.  4. The overhang for coping or cantilevered decking:  (a) Must not exceed 2 inches (5.08 centimeters) or be less than 1 inch (2.54 centimeters).  (b) Must not exceed 2 1/2 inches (6.4 centimeters) in thickness for a spa for which an operating permit has been issued before January 16, 1996.  (c) Must not exceed 3 1/2 inches (8.89 centimeters) in thickness for a spa for which an operating permit is issued on or after January 16, 1996.  NAC 444.442 Steps, ladders, treads and handrails required.  1. Spa steps, ladders or recessed treads must be provided when the spa is more than 2 feet (61 cm) deep.  2. A spa must be equipped with at least one handrail (or ladder equivalent) for each 50 feet (15.25 m) of perimeter or portion thereof, to designate the point or points of entry and exit.  NAC 444.444 Spa steps and recessed steps. Where required, spa steps and recessed steps must meet the following specifications:  1. Step treads must have a minimum unobstructed horizontal tread depth of 10 inches (25.40 cm) and a minimum width of 12 inches (30.48 cm). Step treads must have slip-resistant surfaces.  2. Step risers must not be less than 7 inches (17.78 cm) high nor more than 1 foot (30.48 cm) high. When the bottom tread serves as a bench or	REWORDED TO MIRROR MAHC; MORE SPECIFIC REQUIREMENTS

<u>Pf</u>	ROPOSED 2017 SOUTHERN NEVADA HEALTH DISTRICT AQUATIC FACILITY REGULATIONS	CURRENT - NEVADA ADMINISTRATIVE CODE 444	TYPE OF OR REASON FOR CHANGE
		seat, the bottom riser must be no more than 1 foot 2 inches (35.56 cm) high. The first and last risers need not be uniform in height, but must comply with the requirements of this subsection. The height of the top riser must be measured from the finished deck. Risers between the first and last risers must be uniform in height.  3. The horizontal edge of a step, seat or bench tread must be constructed of a material which contrasts with the color of the steps, and must be clearly visible and evident to bathers. The contrasting material on the horizontal edge must be at least 2 inches (5 cm) wide.  4. The outside edge of handrails placed to assist bathers to leave the spa must be located not more than 1 foot 9 inches (53.34 cm) or less than 1 foot 3 inches (38.10 cm) from a line drawn vertically from the bottom riser, away from the spa wall.  5. Seats or benches may be provided as part of the steps.	
2-1002.4 (A) (B)	A four (4) foot wide, continuous, unobstructed PERIMETER DECK shall be provided on two consecutive or adjacent sides or fifty percent or more of the SPA perimeter. Elevated SPAS may be located adjacent to another AQUATIC VENUE as long as there is an effective BARRIER between the SPA and the adjacent AQUATIC VENUE. If an effective BARRIER is not provided, a minimum distance of four (4) feet between the AQUATIC VENUE and SPA is required.	NAC 444.454 Decks: Dimensional design.  1. A continuous unobstructed deck at least 4 feet (1.22 m) wide, including the coping, must be provided around at least half of the perimeter of the spa. Deck and wall junctures must be coved with a minimum of 4 inches (10.16 cm). Decks elevated above the normal walking level of the area must have protective safety barriers at the edge as required by NAC 444.463.	REWORDED TO MIRROR MAHC; MORE SPECIFIC REQUIREMENTS
	Water temperatures shall not exceed 104°F.	NAC 444.524 Heater and temperature requirements.  1. Water temperature in a therapy pool must be maintained above 70F (21.11C), and must not be artificially heated above 104F (40.0C).	REWORDED TO MIRROR MAHC; MORE SPECIFIC REQUIREMENTS
2-1002.6	A means to drain the SPA shall be provided to allow frequent draining and cleaning.	NAC 444.480 Drains.  1. Each spa must be provided with a drain at the deepest point to permit complete drainage.  Outlets on the pump suction must be covered by suitable protective grates or antivortex covers which are securely fastened and cannot be removed except with tools.	REWORDED TO MIRROR MAHC; MORE SPECIFIC REQUIREMENTS
2-1002.7	All plumbing associated with the jet system must be independent from the plumbing for the filtration system.	NAC 444.486 Pumps. 7. Hydrotherapy pumps and piping systems must be independent and must not be interconnected with the filtration plumbing system.	REWORDED TO MIRROR MAHC; MORE SPECIFIC REQUIREMENTS

<u>PI</u>	ROPOSED 2017 SOUTHERN NEVADA HEALTH DISTRICT AQUATIC FACILITY REGULATIONS	CURRENT - NEVADA ADMINISTRATIVE CODE 444	TYPE OF OR REASON FOR CHANGE
2-1002.8 (A) (B) (C)	Suction outlets associated with the jet system must be of an UNBLOCKABLE DRAIN COVER design or have a minimum of two outlets separated by not less than four (4) feet that meet the following requirements:  The outlets may be located on separate planes, The oulets shall be connected to a single branch line piped to provide haudraulic balance between the outlets, and The branch lines shall not be valved so as to be capable of operating independently.	NAC 444.480 Drains.  3. The location and design of spa outlets must incorporate at least one of the following methods for preventing outlet entrapment:  (a) The spa must contain at least two outlets separated by a minimum of 3 feet, or located on different surface planes within the spa.  (b) A hydrojet booster system that includes no fewer than two main drains separated by not less than 4 feet and connected to pipes of equal diameter. The system must not permit either drain to be cut off from the suction line. Drains for hydrojet booster systems must have antivortex	REWORDED TO MIRROR MAHC; MORE SPECIFIC REQUIREMENTS
2-1002.9	An air induction system, when provided, shall prevent water back up that could cause electrical shock hazards. Air intake sources shall not permit the introduction of toxic gases or other contaminants.	covers as approved by the health authority.  NAC 444.500 Air induction systems.  An air induction system must totally prevent water backup which could cause electrical shock hazards.	REWORDED TO MIRROR MAHC
2-1002.10	The agitation system shall be connected to a minute timer that does not exceed 15 minutes that shall be located out of reach of a BATHER in the SPA. [NEW]	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT
	All spas shall have a clearly labeled emergency shutoff or control switch for the purpose of stopping the motor(s) that provide power to the RECIRCULATION, hydrotherapy, or agitation systems. The emergency shutoff or control switch shall be installed and readily accessible to the BATHERS, in accordance with the NEC. [NEW]	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT
2-1003 \	Naterslides and Landing Pools		
2-1003.1 (A) (1) (2) (B)	The following recognized design and construction standards for WATERSLIDES shall be adhered to:  The design engineer shall address compliance with these standards and must provide documentation and/or certification that the WATERSLIDE design is in conformance with these standards:  ASTM F2376-13 Standard Practice for Classification, Design, Manufacture, Construction, and Operation of Water Slide Systems; and ASTM F2469-09 Standard Practice for Manufacturer, Construction, Operation, and Maintenance of AQUATIC Play Equipment.  Signs indicating riding instructions, warnings, and requirements in accordance with the manufacturer recommendations shall be posted at the WATERSLIDE entry.	NAC 444.194 Consultation regarding design of attraction. The design engineer shall consult with the health authority before preparing and submitting any engineering plans or specifications for a water recreation attraction. The consultation must include a discussion of:  1. Any potential failure to comply with the provisions of NAC 444.010 to 444.306, inclusive; and  2. Changes in the design of the attraction that may be necessary as a result of the noncompliance.  (Added to NAC by Bd. of Health, eff. 11-1-88)  NAC 444.1942 Posting signs indicating maximum depth. The operator of a water recreation attraction shall post one or more warning signs at the entrance to the attraction stating the maximum depth of water in the attraction.  NAC 444.195 Water slides: Design and construction.	REWORDED TO MIRROR MAHC

<u>P</u>	ROPOSED 2017 SOUTHERN NEVADA HEALTH DISTRICT AQUATIC FACILITY REGULATIONS	CURRENT - NEVADA ADMINISTRATIVE CODE 444	TYPE OF OR REASON FOR CHANGE
		1. A water slide must consist of one or more flumes, splash pools or slide runouts, a pump reservoir, and facilities for the filtration, disinfection and chemical treatment of water.  2. The structural design of a water slide and the materials used in its construction must conform with generally accepted structural engineering practices and must provide a sound, durable structure that will safely sustain all the dead loads, live loads, liquid hydrostatic and earth pressures encountered.  3. Any components or accessories of a water slide that come into contact with bathers must be assembled, arranged and finished so that their external surfaces and edges do not present an injury hazard to the skin of bathers under casual contact.  4. The owner of a water slide and the registered engineer who designs the slide are responsible for the safe design and construction of the entire facility.	
2-1003.2 (A) (B)	FLUME surfaces shall be inert, nontoxic, smooth, and easily cleaned. All FLUME valleys and dips shall have proper drainage, safety measures that insure a rider cannot fall from the FLUME, and a means of egress in the event the ride malfunctions or a rider stops on the ride.	NAC 444.1952 Water slides: Flumes.  1. Each flume of a water slide must be watertight. Its surfaces must be inert, nontoxic, smooth and easily cleaned.  2. If a tube-type flume is used, it must be designed or ventilated to prevent a hazardous concentration of toxic disinfectant fumes under all circumstances of operation.  3. All curves and turns in a flume must be:  (a) Designed so that the impact of bathers with the walls of the flume does not present a hazard; and  (b) Banked so that the forces on bathers keep them safely inside the flume under all foreseeable circumstances of operation. Bathers must not become airborne.  4. In curved sections of a flume, the design of the wall of the flume must cause the outward thrust of the body of the bather to be dissipated towards the centerline of the flume.  5. All slopes in a flume must be designed so that the speed of bathers does not reach a point at which a safe equilibrium of dynamic forces cannot be maintained on any curve or turn in the flume.	REWORDED TO MIRROR MAHC

<u>PI</u>	ROPOSED 2017 SOUTHERN NEVADA HEALTH DISTRICT AQUATIC FACILITY REGULATIONS	CURRENT - NEVADA ADMINISTRATIVE CODE 444	TYPE OF OR REASON FOR CHANGE
2-1003.3 (A) (B)	Flume Exits The exit of any Flume must be designed to ensure that BATHERS enter the LANDING POOL or SLIDE RUNOUT at a safe speed and angle of entry. If a WATERSLIDE has two or more Flumes and there is a point of intersection between the centerlines of any two Flumes, the distance between that point and the point of exit for each intersecting Flume must not be less than the SLIDE manufacturer's recommendations and ASTM F2376.	6. In sections of a flume where bathers can stop, provision must be made by design or modification to prevent bathers from falling out of the flume.  7. The construction, dimensions and methods of mechanical attachment of the components of a flume must provide a smooth and continuous surface through the entire length of the flume. Any misalignment of joints in a sectional flume must not exceed 1/8 inch (3.17 millimeters).  8. The walls of any flume must be designed so that the continuous and combined action of hydrostatic, dynamic and static loads, as well as normal environmental deterioration, do not damage the flume bed to the extent of creating a structural failure that presents a hazard of injury to bathers or requires frequent patch repairs that may weaken the structural strength of the flume.  NAC 444.1954 Water slides: Exit from flume.  1. The exit of any flume must be designed to ensure that bathers enter the splash pool or slide runout at a safe speed and angle of entry.  2. If a slide has two or more flumes and there is a point of intersection between the centerlines of any two flumes, the distance between that point and the point of exit for each intersecting flume	REWORDED TO MIRROR MAHC
2-1003.4 (A)	Exit into Landing Pools Waterslides shall be designed to terminate at or below water level, except for DROP	must not be less than 20 feet (6.08 meters), or 30 feet (9.12 meters) if any bather exits a flume at high speed.  NAC 444.1956 Water slides: Exit into splash pool.	REWORDED TO MIRROR MAHC
(B)	SLIDES or unless otherwise permitted by the WATERSLIDE manufacturer and ASTM F2376.  WATERSLIDES shall be perpendicular to the wall of the AQUATIC VENUE at the point of exit unless otherwise permitted by the WATERSLIDE manufacturer.	If bathers exit the flume of a water slide into a splash pool:  1. The flume must be: (a) Horizontal; and	
(C)	WATERSLIDES shall be designed with an exit system which shall be in accordance with the WATERSLIDE manufacturer's recommendations and ASTM F2376 and provides for safe entry into the LANDING POOL or WATERSLIDE RUNOUT.	(b) Perpendicular to the wall of the pool at the point of exit,  To a distance of not less than 10 feet (3.04	
(D)	The FLUME exits shall be in accordance with the WATERSLIDE manufacturer's recommendations and ASTM F2376.	meters) from that point.  2. The flume exit must be flush with the vertical	
(E)	The distance between the point of exit and the side of the AQUATIC VENUE opposite the BATHERS as they exit, excluding any steps, shall not be less than the WATERSLIDE manufacturer's recommendations and in accordance with ASTM F2376.	wall of the pool at the point of exit and not more than 2 inches (5.08 centimeters) above, nor less than 6 inches (15.24 centimeters) below, the normal operating level of the pool.  3. The distance between:  (a) The side wall of the pool and that portion of the flume exit nearest the wall must be not less than 5 feet (1.52 meters) at the point of exit.	

PF	ROPOSED 2017 SOUTHERN NEVADA HEALTH DISTRICT AQUATIC FACILITY REGULATIONS	CURRENT - NEVADA ADMINISTRATIVE CODE 444	TYPE OF OR REASON FOR CHANGE
2-1003.5 (A) (B)	LANDING POOLS  If steps are provided instead of exit ladders or RECESSED STEPS with grab rails, they shall be installed at the opposite end of the LANDING POOL from the FLUME exit and a handrail shall be provided in accordance with Sections 2-304 to 2-308. If the WATERSLIDE FLUME ends in a swimming POOL, the landing area shall be divided from the rest of the AQUATIC VENUE by a float line, WING WALL, PENINSULA or other similar feature to prevent collisions with other BATHERS.	(b) The centerline of the flume and the centerline of any adjacent flume must be not less than 6 feet (1.82 meters) at the point of exit. (c) The point of exit and the side of the pool opposite bathers as they exit, excluding any steps, must be not less than: (1) Twenty feet (6.08 meters), if the flume ends above or below the normal operating level; and (2) Thirty feet (9.12 meters) if the flume ends at the normal operating level.  4. The slide may not be used if the main drain of the pool is not clearly visible from the deck with the flume water turned off.  NAC 444.1958 Water slides: Splash pools.  1. If a splash pool is used at a water slide, it must be located at the base of the slide.  2. Except as otherwise provided in this subsection, the depth in a splash pool at the end of the flume must be maintained at 3 1/2 feet (1.05 meters) from the normal operating level to the floor. This depth must be maintained for a distance of not less than 20 feet (6.08 meters) from the point of exit from the flume, or not less than 30 feet (9.12 meters) from that point if the point of exit is even with the normal operating level. The health authority may waive these requirements if a special exit system is used that ensures a safe exit from the flume and safe entry to the splash pool.  3. Beyond the area of level floor required by	
2-1003.6	A PERIMETER DECK shall be provided along the exit side of the LANDING POOL.	subsection 2, in the area of the pool opposite the point of exit from the flume, the floor of the splash pool may have a constant slope upward of not more than 1 in 7.  4. If steps are provided instead of exit ladders or stepholes with handrails, a handrail must be provided at the steps opposite the point of exit from each flume. The surface edge of the splash pool steps must be outlined in a contrasting color.  NAC 444.196 Water slides: Decks.	REWORDED TO
2 1333.0		1. A deck must be provided along the exit side of the splash pool and along one or more of the other sides of the pool. The pump and reservoir area must be accessible by a deck not less than 3 feet (0.91 meters) wide.	MIRROR MAHC

<u>Pf</u>	ROPOSED 2017 SOUTHERN NEVADA HEALTH DISTRICT AQUATIC FACILITY REGULATIONS	CURRENT - NEVADA ADMINISTRATIVE CODE 444	TYPE OF OR REASON FOR CHANGE
		<ul> <li>2. All decks must be sloped at not less than 1/4 inch per foot to drains or approved surface water disposal areas.</li> <li>3. If deck drains are provided, they must have an inlet opening of not less than 4 inches (10.16 centimeters) in diameter.</li> </ul>	
2-1003.7	the top of the FLUME.	NAC 444.1962 Water slides: Means of access.  1. A concrete walkway, steps, stairway or ramp must be provided between the splash pool and the top of the flume.  2. The walkway or other means of access must not retain standing water and must:  (a) Conform to the structural requirements of the local building code.  (b) Be not less than 4 feet (1.21 meters) wide.  (c) Be provided with handrails.  (d) Have a slip-resistant finish.  (e) Be separated from the flume by a physical barrier that is located far enough from the flume to prevent it from being contacted by bathers on the flume.	REWORDED TO MIRROR MAHC
2-1003.8	WATERSLIDE RUNOUTS, if used, shall have a planned means of egress, unless one of the walls of the RUNOUT is not more than 19 inches in height. WATERSLIDE RUNOUTS shall be designed in accordance with the SLIDE manufacturer's recommendations and ASTM F2376.	NAC 444.1964 Water slides: Runouts.  1. Slide runouts, if used, must have an exit opening or step unless one or both walls of the runout are not more than 12 inches (30.48 centimeters) in height.  2. Runouts must be designed with adequate length and water depth and sloped so as to bring the bather to a safe stop.	REWORDED TO MIRROR MAHC
2-1003.9 (A)	DROP SLIDES There shall be a SLIDE landing area in accordance with the SLIDE manufacturer's	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT
(B) (C) (D)	recommendations and ASTM F2376.  This area shall not infringe on the landing area for any other SLIDES, diving equipment, or any other minimum AQUATIC VENUE clearance requirements.  Steps shall not infringe on this area.  The minimum required water depth shall be a function of the vertical distance between		
(E)	the terminus of the SLIDE surface and the water surface of the LANDING POOL.  The minimum required water depth shall be in accordance with the SLIDE manufacturer's recommendations and ASTM F2376. [NEW]		
2-1003.10 (A)	POOL SLIDES  All SLIDES installed as an appurtenance to an AQUATIC VENUE shall be designed, constructed, and installed to provide a safe environment for all BATHERS utilizing the AQUATIC VENUE in accordance with applicable ASTM and CPSC standards.	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT
(B)	Components used to construct a POOL SLIDE shall be non-toxic and compatible with the environment contacted under normal use.		
(C)	Water depth at the SLIDE terminus shall be determined by the SLIDE manufacturer.		

	PROPOSED 2017 SOUTHERN NEVADA HEALTH DISTRICT AQUATIC FACILITY REGULATIONS	CURRENT - NEVADA ADMINISTRATIVE  CODE 444	TYPE OF OR REASON FOR CHANGE
(D)	Clear space shall be maintained to the POOL edge and other features per manufacturer		
(1)	requirements.  The landing area of the SLIDE shall be protected through the use of a float line, WING WALL, PENINSULA or other similar impediment to prevent collisions with other BATHERS.		
(2)	Netting or other BARRIERS shall be provided to prevent BATHER access underneath POOL SLIDES where sufficient clearance is not provided.		
(3)	Such netting or other BARRIER shall be designed such that any underwater opening does not allow for the passage of a four (4) inch ball and no opening can create a finger entrapment. [NEW]		
		NAC 444.1966 Water slides: Pump reservoirs.  1. Pump reservoirs used in water slides must have sufficient volume to contain not less than 2 minutes of combined flow from all water treatment and flume pumps or must contain enough water to ensure that the splash pool will maintain a constant water depth.  2. The interior of pump reservoirs must be watertight with a hard trowel or equivalent impervious, slip-resistant finish.  3. Pump reservoirs must be accessible only to authorized persons. Intakes to the slide pump must be designed to allow cleaning without	REMOVED – REQUIREMNT ADDRESSED IN OTHER SECTIONS
		danger of trapping the operator.  NAC 444.1968 Water slides: Control of water.  1. A surge-free automatic water makeup system with a manual override must be provided and constructed so that the normal operating level of the splash pool is maintained at all times.  Approved backflow protection must be provided.  2. The velocity of water at the weir or inlet grate must not exceed 1 1/2 feet (0.4 meters) per second.  3. A perimeter overflow gutter, if used, is not required directly under slide flumes or along the weirs that separate splash pools and pump reservoirs.  4. Surface skimming devices may be used instead of a perimeter overflow gutter.	REMOVED – REQUIREMNT ADDRESSED IN OTHER SECTIONS
2-1004	Wave Pools		
2-1004 (A)	Access  BATHERS must gain access to the WAVE POOL at the shallow or beach end with the exception of an allowable ADA designated entry point.	NAC 444.1985 Wave pools.  1. The generation of waves more than 3 feet (0.91 meters) in height in a wave pool, regardless of the	REWORDED TO MIRROR MAHC
(1)	The sides of the WAVE POOL shall be protected from unauthorized entry into the WAVE POOL by the use of a fence or other comparable BARRIER.	depth of the pool, must not continue for more than 15 minutes at a time. When the generation of	
(2)	Handrails associated with ADA accessible entries shall be designed in such a way that they do not present a potential for injury or entrapment with WAVE POOL BATHERS.	waves ends, it must be stopped for not less than 5 minutes.	

<u>P</u>	ROPOSED 2017 SOUTHERN NEVADA HEALTH DISTRICT AQUATIC FACILITY REGULATIONS	CURRENT - NEVADA ADMINISTRATIVE CODE 444	TYPE OF OR REASON FOR CHANGE
(B)	A PERIMETER DECK shall not be required around 100 percent of the WAVE POOL perimeter. A PERIMETER DECK shall be provided where BATHERS gain access to the WAVE POOL at the shallow or beach end and in locations where access is required for LIFEGUARDS.	The recirculation and filtration system of wave pools must have a maximum turnover cycle of 4 hours.      The wave pool must not be used if the main	
(C)	Wave pools shall be provided with handholds at the static water level or not more than six (6) inches above the static water level that shall be:	drain is not clearly visible from the deck with the wave generating equipment turned off.	
(1)	Continuous around the WAVE POOL'S perimeter except at zero depth beach entries, water depths less than 24 inches, or areas roped off, not allowing BATHER access;	Bathers must gain access to the wave pool at the shallow or beach end. The sides of the pool	
(2) (3) (4) (D)	Self-draining; Installed so that their outer edge is flush with the WAVE POOL wall; and Designed to ensure that body extremities will not become entangled during wave action. RECESSED STEPS and handrails shall be provided at one or more locations along the	must be protected from unauthorized entry into the pool by the use of a fence or other comparable barrier.  5. Wave pools must be provided with handholds at the static water level. The handholds must be	
(E)	wall of the WAVE POOL. The RECESSED STEPS and handrails must extend down the wall so that they will be easily accessible during wave generation at the lowest water level. The distance between the handrail and the wall must not exceed six (6) inches. Ladders shall not be allowed along the walls of the WAVE POOL due to the entrapment potential.	self-draining and must be installed so that their outer edge is flush with the pool wall. The design of the handholds must ensure that body extremities will not become entangled during wave action.	
(F)	Wave pools shall be fitted with a float line located to restrict access to the caisson wall if required by the wave pool equipment manufacturer. Safety rope and float lines typically required at shallow to DEEP WATER transitions shall not apply to WAVE POOLS.	6. Life jackets must be provided free for use by bathers who request them.  7. Each permanent station for pool attendants must be provided with a clearly labeled and readily accessible emergency shut-off switch for the control of the wave action.  8. An audible warning system must be provided to alert bathers of the beginning of wave generation.  9. The area where waves are generated must be protected by a barrier having openings not more than 2 inches (5.08 centimeters) in diameter.  10. Step holes and handrails must be provided at one or more locations along the wall of the pool. The step holes and handrails must extend down the wall so that they will be easily accessible during wave generation at the lowest water level. The distance between the handrail and the wall must not exceed 6 inches (15.24 centimeters).  11. A sign stating "NO DIVING" in contrasting letters not less than 4 inches (10.16 centimeters) in height must be posted in a conspicuous place.	
2-1004.2 (A)	Safety Proper storage shall be provided for life jackets and all other equipment used in the WAVE POOL that will allow for thorough drying to prevent mold and other biological growth.	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT
(B)	A minimum of two emergency shut-off switches to disable the wave action shall be provided, one on each side of the WAVE POOL. These switches shall be clearly labeled and readily accessible to LIFEGUARDS.		

	ROPOSED 2017 SOUTHERN NEVADA HEALTH DISTRICT AQUATIC FACILITY REGULATIONS	CURRENT - NEVADA ADMINISTRATIVE CODE 444	TYPE OF OR REASON FOR CHANGE
(C)	A sign stating "NO DIVING" in contrasting letters not less than four (4) inches in height must be posted in a conspicuous place.		
(D)	Caisson BARRIERS shall be provided for all WAVE POOLS that prevent the passage of a two (2) inches in diameter. [NEW]		
2-1005	Therapy Pools		
2-1005.1	Floor slope may exceed one (1) foot in 12 feet for water shallower than five (5) feet. Break points in floor slope shall be identified with a contrasting band consistent with Section 2-3018.4(A). [NEW]	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT
2-1005.2	Hydrotherapy or jet systems shall be independent of the recirculation, filtration, and heating systems.	NAC 444.486 Pumps. 7. Hydrotherapy pumps and piping systems must be independent and must not be interconnected with the filtration plumbing system.	REWORDED TO MIRROR MAHC
2-1005.3	Special equipment may be allowed by the HEALTH AUTHORITY with proper justification.  [NEW]	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT
2-1006 L	Lazy Rivers	OCIALEM IN IO	
2-1006.1	Handrails, steps, stairs and propulsion jets for LAZY RIVERS shall not protrude into the river. [NEW]	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT
2-1006.2 (A) (B)	Means of access/egress shall be provided at 150 foot intervals around the LAZY RIVER.  A handhold in compliance with Section 2-3013 shall be required on at least one side of the LAZY RIVER.  A DECK shall be provided along the entire length of the LAZY RIVER.	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT
(C) (D)	The DECK shall be allowed to alternate sides of the LAZY RIVER.  Obstructions around the perimeter of the LAZY RIVER, such as bridges or landscaping, shall be allowed provided they do not impact lifeguarding, sight lines, or rescue operations.		
(E)	All bridges spanning a LAZY RIVER shall have a minimum clearance of both eight (8) feet from the bottom of the LAZY RIVER and four (4) feet above the entire water surface with any structure overhead. [NEW]		
2-1007 I	nteractive Water Play Venues		
2-1007.1	INTERACTIVE WATER PLAY VENUES shall have a slip-resistant and easily cleanable surface. Any manufactured surfacing shall be deemed suitable by the manufacturer for aquatic and chlorinated environments. [NEW]	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT
2-1007.2	The INTERACTIVE WATER PLAY VENUE shall be properly sloped so that only water from the AQUATIC FEATURES flows back to the INTERACTIVE WATER PLAY VENUE collection tank.	NAC 444.200 Spray pools.  1. The water supply for a spray pool must at all	REWORDED TO MIRROR MAHC
(A)	Areas adjacent to the INTERACTIVE WATER PLAY VENUE shall be sloped away from the collection drains.	times meet the requirements relating to water set forth in NAC 444.108 to 444.188, inclusive.	
(B)	The slope of the INTERACTIVE WATER PLAY VENUE shall be sufficient to prevent standing water from collecting on the pad.	2. The spray pool must be equipped at its low point with an unvalved drain of sufficient capacity and design to prevent any accumulation of water in the pool.	
2-1007.3	The size, number and locations of the INTERACTIVE WATER PLAY VENUE drains shall be determined and specified so as to assure water does not accumulate on the INTERACTIVE WATER PLAY VENUES.	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT

PF	ROPOSED 2017 SOUTHERN NEVADA HEALTH DISTRICT AQUATIC FACILITY REGULATIONS	CURRENT - NEVADA ADMINISTRATIVE CODE 444	TYPE OF OR REASON FOR CHANGE
(A)	Flow through the drains to the INTERACTIVE WATER PLAY VENUE collection tank shall be		
(B)	under gravity.  Direct suction outlets from the INTERACTIVE WATER PLAY VENUE shall be prohibited.  [NEW]		
2-1007.4	Openings in the grates covering the drains shall not exceed ½ inches wide. Gratings shall not be removable without the use of tools. [NEW]	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT
2-1007.5	The INTERACTIVE WATER PLAY VENUE collection tank shall be designed to provide ready	NEW REQUIREMENT NOT FOUND IN	NEW
(A)	access for cleaning and inspections, and The INTERACTIVE WATER PLAY VENUE collection tank shall be capable of complete draining.	CURRENT NAC 444	REQUIREMENT
(B)	The access hatch or lid shall be locked or require a tool to open. [NEW]		
2-1007.6 (A) (1) (2) (3) (B) (C)	DECK Area INTERACTIVE WATER PLAY VENUES shall be kept free of landscape debris by either: Eight (8) feet of DECK area, or Raised curbs, or Raised planters. The DECK shall be of a uniform, easily cleaned, impervious material. The DECK shall be protected from surface runoff. [NEW]	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT
2-1007.7	A BARRIER shall be provided to separate an INTERACTIVE WATER PLAY VENUE from another body of water within the same facility. <i>Exception:</i> The INTERACTIVE WATER PLAY VENUE is separated by a distance of at least 15 feet from other bodies of water.	NAC 444.204 General requirements for wading pools; location of spray pools.  3. Wading pools and spray pools must be located at the shallow end of the main pool and must be separated from it by a separate fence or barrier as described in NAC 444.136.	REWORDED TO MIRROR MAHC; REDUCED REQUREMENT – NO LONGER NEED A SEPARATE ENCLOSURE FOR WADING POOLS
2-1007.8	If an AQUATIC FACILITY only consists of an INTERACTIVE WATER PLAY VENUE, then the requirements for an ENCLOSURE shall not apply unless otherwise deemed necessary by the HEALTH AUTHORITY. [NEW]	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT
2-1007.9	Spray features shall be designed and installed to be seen clearly, so as not to be a hazard to BATHERS due to water velocity from the spray feature discharge, or other safety hazards. [NEW]	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT
2-1007.10	Maximum velocity at the orifice of the spray feature nozzle shall not exceed 20 feet per second. [NEW]	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT
2-1007.11	Depth markings and warning signs are not required for INTERACTIVE WATER PLAY VENUES. [NEW]	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT
2-1007.12	NEC swimming POOL requirements shall apply to INTERACTIVE WATER PLAY VENUES.	NEW REQUIREMENT NOT FOUND IN	NEW
2.4002	[NEW]	CURRENT NAC 444	REQUIREMENT
2-1008 V	Vading Pools and Child Amusement Lagoons		
		NAC 444.199 Child amusement lagoons.  1. The recirculation and filtration systems of child amusement lagoons must have a maximum turnover cycle of 1 hour.  2. Amusement devices used in child amusement lagoons must be designed and maintained so that	REMOVED

<u>Pf</u>	ROPOSED 2017 SOUTHERN NEVADA HEALTH DISTRICT AQUATIC FACILITY REGULATIONS	CURRENT - NEVADA ADMINISTRATIVE CODE 444	TYPE OF OR REASON FOR CHANGE
		their surfaces are smooth, nontoxic and easily cleanable. The devices must not pose a safety or health hazard to bathers and must not interfere with circulation or disinfection of the water.	
		NAC 444.202 Wading pools: Construction.  1. A wading pool must have: (a) A maximum depth of 24 inches (60 centimeters); (b) A slope which does not exceed 1 in 12; and (c) A slip-resistant finish.  2. A wading pool constructed after November 1, 1988, must have a maximum turnover cycle of 30 minutes. All wading pools must have a separate system for circulation. Equipment which is used to recirculate and disinfect the water and which meets the applicable requirements of NAC 444.108 to 444.204, inclusive, must be installed and operated at wading pools which cannot maintain satisfactory water quality by using the equipment from an adjacent public bathing or swimming facility.  3. The outlets from the wading pool may be connected to a sanitary drain or returned to the recirculation system of the pool for refiltration at the suction side of the pump. A wading pool must have a waste outlet at its deepest point; so that it may be completely emptied to a sanitary drain.  4. A wading pool must have at least two inlets.  5. In general, standards of sanitation, surface skimming and all other details must be equal or superior to those set forth in NAC 444.108 to 444.188, inclusive.	REMOVED
2-1008.1 (A)	A BARRIER shall be provided to separate a WADING POOL or CHILD AMUSEMENT LAGOON from other POOLs unless the WADING POOL or CHILD AMUSEMENT LAGOON is separated by a distance of 15 feet from other bodies of water.  The BARRIER shall not be required to completely surround the WADING POOL or CHILD AMUSEMENT LAGOON if the shortest distance of travel between the WADING POOL or CHILD	NAC 444.204 General requirements for wading pools; location of spray pools.  3. Wading pools and spray pools must be located at the shallow end of the main pool and must be separated from it by a separate fence or barrier as	REWORDED TO MIRROR MAHC; REDUCED REQUREMENT – NO LONGER NEED A
(B)	AMUSEMENT LAGOON around the BARRIER to the other POOL is a minimum of 15 feet.  WADING POOLS and CHILD AMUSEMENT LAGOONS near other WADING POOLS OF CHILD  AMUSEMENT LAGOONS shall not be required to be separated by a BARRIER.	described in NAC 444.136.	SEPARATE ENCLOSURE FOR WADING POOLS
(C)	Features and devices installed in a CHILD AMUSEMENT LAGOON shall be smooth, easily cleanable and of durable design intended for such use.	NAO 444 004 Osmaral maria de la companio del companio del companio de la companio del companio del companio de la companio dela companio del companio de la companio de la companio de la	DEWODDED TO
2-1008.2	Underwater lights shall not be installed in WADING POOLS OF CHILD AMUSEMENT LAGOONS.	NAC 444.204 General requirements for wading pools; location of spray pools.  4. Underwater lights are prohibited in wading pools.	REWORDED TO PROVIDE LANGUAGE CONSISTENCY

<u>F</u>	PROPOSED 2017 SOUTHERN NEVADA HEALTH DISTRICT AQUATIC FACILITY REGULATIONS	CURRENT - NEVADA ADMINISTRATIVE CODE 444	TYPE OF OR REASON FOR CHANGE
2-1009	Artificial Swimming Lagoons		
2-1009.1	preparation and submission of any engineering plans or specifications for an ARTIFICIAL SWIMMING LAGOON.	NAC 444.208 Artificial swimming lagoons.  1. The design engineer shall consult with the health authority before the preparation and submission of any engineering plans or specifications for an artificial swimming lagoon.	REWORDED TO PROVIDE LANGUAGE CONSISTENCY
2-1009.2	An ARTIFICIAL SWIMMING LAGOON may deviate from other provisions of these Regulations through the submission of a WAIVER addressing all safety concerns generated by the deviation from regulatory requirements, if its design and construction are within the limits of sound engineering practice and present no health or safety hazards.	NAC 444.208 Artificial swimming lagoons.  2. An artificial swimming lagoon may deviate from other provisions of NAC 444.010 to 444.306, inclusive, if its design and construction are within the limits of sound engineering practice and present no health or safety hazard.	REWORDED TO PROVIDE LANGUAGE CONSISTENCY
2-10010	Surf Pools		
2-10010.	1 A SURF POOL may deviate from other provisions of these Regulations through the submission of a WAIVER addressing all safety concerns generated by the deviation from regulatory requirements, if its design and construction are within the limits of sound engineering practice and present no health or safety hazards. [NEW]	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT
2-10011	Isolation and Flotation Units		
2-10011.	The unit must be designed or ventilated to prevent any hazardous concentration of gases or vapors from disinfectants under all circumstances of operation.	NAC 444.207 Isolation and flotation tanks. 6. The tank must be designed or ventilated to prevent any hazardous concentration of fumes from toxic disinfectants under all circumstances of operation.	REWORDED TO MIRROR MAHC;
2-10011.	2 Each unit must be located in a separate room equipped with an individual SHOWER.  [NEW]	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT
2-10012	Natural Bathing Places		
2-10012.	A PERMIT to operate a NATURAL BATHING PLACE must be obtained from the HEALTH AUTHORITY.	NAC 444.240 Permit required.  A permit to operate a natural bathing place on	REWORDED TO PROVIDE
(A)	Approval and operation of public bathing beaches will be based upon the result of a sanitary survey of the site and the results of the weekly microbiological testing of the water of the bathing area in accordance with this Section.	any waters of this State must be obtained from the health authority. Acceptability as a public bathing place will be based on the provisions of NAC	LANGUAGE CONSISTENCY
(B)	The flow of water supplying a bathing beach or the volume of water in a body of water on which a beach is located must be sufficient to provide at least 500 gallons of water per BATHER when the greatest number of BATHERS are in the water.	444.242. [Bd. of Health, Public Bathing Places Reg. Art. 46 § 46.1, eff. 5-21-74]	
(C)	Evidence of human-caused pollution, floating debris, sludge accumulation and similar gross pollutants will disqualify the site as an acceptable bathing area until such pollutants are completely and permanently eliminated.	NAC 444.242 Standards for approval.  1. Approval of public bathing beaches will be based upon the result of a sanitary survey of the	
(D)	Water samples shall be submitted to a state-licensed laboratory each week. Such samples must meet the following criteria: E. coli at a geometric of 126 CFU per 100 mL and an STV (single test value) of 410 CFU per 100 mL measured using EPA Method 1603, or any other equivalent method that measures E. coli.	site and the results of the bacteriological and chemical analysis of the water in the bathing area.  2. The flow of water supplying a bathing beach or the volume of water in a body of water on which a	
(E)	There must be a minimum of 40 square feet of beach area per BATHER.	beach is located must be sufficient to provide at	

<u>PF</u>	ROPOSED 2017 SOUTHERN NEVADA HEALTH DISTRICT AQUATIC FACILITY REGULATIONS	CURRENT - NEVADA ADMINISTRATIVE CODE 444	TYPE OF OR REASON FOR CHANGE
(F) (G)	The slope of the bottom of the beach area must be gradual and be such as to not create a safety hazard to the PATRON of the beach. The area floor must be free of physical hazards and obstructions.  Failure to meet any of the criteria noted above (B)-(F) shall result in the immediate closure of the NATURAL BATHING PLACE.	least 500 gallons (1,853 liters) of water per bather when the greatest number of bathers are in the water.  3. Evidence of human-caused pollution, floating debris, sludge accumulation and similar gross pollutants will disqualify the site as an acceptable bathing area until such pollutants are completely and permanently eliminated.  4. There must be a minimum of 40 square feet (3.7 square meters) of beach area per bather.  5. The slope of the bottom of the beach area must be gradual and be such as to not create a safety hazard to the user of the beach. The area floor must be free of glass, tin cans and other hazards.  6. Because each natural bathing place presents conditions different from all other natural bathing places, the health authority may apply, waive or modify these provisions as it feels best serves the public health.	
2-10012.2	PA NATURAL BATHING PLACE may require a WAIVER to address unique safety concerns inherent to the NATURAL BATHING PLACE.	NAC 444.246 Notices and markers.  1. Areas of excessive depths, containing rocks, near steep banks, or other areas which might be considered a potential hazard to the users must be adequately marked with buoys, poles or other markers so as to warn users.	REWORDED TO PROVIDE LANGUAGE CONSISTENCY
2-10012.3	The perimeter of the designated swimming area must be marked with buoys in the water and signage at either end of the beach designating "No swimming beyond this point."	NAC 444.246 Notices and markers. 2. The outer safe limits or boundary of the bathing area must be marked with buoys or other markers visible to bathers and spaced at not more than 100 feet (30.5 meters) apart.	REWORDED TO PROVIDE LANGUAGE CONSISTENCY
2-10012.4	HYGIENE FACILITIES must be constructed in accordance with the provisions of Section 2.8.	NAC 444.248 Required facilities.  1. Sanitary facilities must be provided in proportion to the anticipated bathing load. These must include:  (a) Toilet and hand washing facilities and dressing rooms clearly marked for each sex;  (b) A safe and approved water supply; and  (c) Drinking fountains, soap and toilet tissue.  2. Conveniently located rubbish containers must be provided. These containers must be emptied whenever necessary and be kept in a sanitary condition.  3. Where night bathing is permitted, adequate lighting must be provided for the bathhouses and bathing area.	REWORDED TO PROVIDE LANGUAGE CONSISTENCY

<u> </u>	PROPOSED 2017 SOUTHERN NEVADA HEALTH DISTRICT AQUATIC FACILITY REGULATIONS	CURRENT - NEVADA ADMINISTRATIVE CODE 444	TYPE OF OR REASON FOR CHANGE
		4. There must be telephone connections and transportation facilities available for emergency use.	
2-10012	.5 There must be telephone connections and transportation facilities available for emergency use.	NAC 444.248 Required facilities. 4. There must be telephone connections and transportation facilities available for emergency use.	REWORDED TO PROVIDE LANGUAGE CONSISTENCY
2-10013	Deluge Showers		
2-10013	.1 In addition to the general AQUATIC VENUE requirements stated in these Regulations, deluge showers shall comply with the additional provisions or reliefs of this section. <a href="Mailto:INEW">[NEW]</a>	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT
2-10013	.2 Shall be constructed to achieve a 30 minute maximum TURNOVER. [NEW]	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT
2-10013	.3 Signage must be posted in the immediate vicinity declaring that the SHOWER utilizes re- circulated water. [NEW]	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT
2-10014	Innovative Designs An AQUATIC VENUE utilizing an innovative design may be APPROVED by the HEALTH AUTHORITY if its design and construction present no health or SAFETY hazard to the public. Applications and supporting documentation must be stamped by an engineer or architect licensed in Nevada. The HEALTH AUTHORITY will require written WAIVER(S) prior to approval. [NEW]	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT
Section	3 Faculity Operation and Maintenance		
3-1	Operating Permits The provisions of this Section apply to all AQUATIC FACILITIES covered by these Regulations regardless of when constructed, unless otherwise noted. [NEW]	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT
3-101	Owner Responsibilities		
3-101.1	Prior to opening for use, the AQUATIC FACILITY OWNER shall apply to the HEALTH AUTHORITY for a PERMIT to operate each AQUATIC VENUE.	NAC 444.258 Operating permits.  1. No public bathing or swimming facility or natural bathing place may operate unless the operator has applied for and received an operating permit from the health authority.	Consistent with current administrative policies
3-101.2	A separate PERMIT is required for each newly constructed or SUBSTANTIALLY ALTERED AQUATIC VENUE at an existing AQUATIC FACILITY. [NEW]	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT
	Before an initial PERMIT to operate is issued, the following procedures shall be completed:	NAC 444.104 Inspections. 3. The facility may not be placed in operation until	REWORDED TO MIRROR MAHC
(A) (B) (C)	The AQUATIC FACILITY OWNER has demonstrated the AQUATIC FACILITY, including all newly constructed or SUBSTANTIALLY ALTERED AQUATIC VENUES, is in compliance with the requirements of these Regulations, A initial inspection has been conducted, and The HEALTH AUTHORITY has APPROVED the AQUATIC FACILITY to be open to the public.	the inspection shows compliance with the requirements of NAC 444.010 to 444.306, inclusive.	
	The PERMIT to operate shall:  Be issued in the name of the OWNER,	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT

PROPOSED 2017 SOUTHERN NEVADA HEALTH DISTRICT AQUATIC FACILITY REGULATIONS	CURRENT - NEVADA ADMINISTRATIVE CODE 444	TYPE OF OR REASON FOR CHANGE
(B) Be specific to a single AQUATIC VENUE, and (C) Specify the period of time APPROVED by the HEALTH AUTHORITY. [NEW]		
<b>3-101.5</b> The AQUATIC FACILITY OWNER shall renew all PERMITS to operate annually according to the schedule established by the HEALTH AUTHORITY.	NAC 444.258 Operating permits.  2. Permits expire on January 1 of each year, unless previously revoked for a violation of the statutes and the regulations of the State Board of Health or the local board of health. The health authority will exercise the right to close facilities and bathing places not operating in conformity with those regulations.	REWORDED TO MIRROR MAHC
3-101.6 The PERMIT to operate may be withheld, revoked, or denied by the HEALTH AUTHORITY for noncompliance of the AQUATIC FACILITY with the requirements of these Regulations and failure to pay required fees associated with the PERMIT.	NAC 444.302 Suspension or denial of operating permit.  1. The health authority may order a suspension of an operating permit and may order the owner or operator of a public bathing or swimming facility or natural bathing place to prohibit any person from using it if the health authority finds:  (a) A failure of the equipment, structure, area or enclosure of the facility or bathing place which jeopardizes the health or safety of the persons using or operating it.  (b) That the facility or bathing place lacks properly functioning equipment or proper material for recirculating, treating or testing the water used for swimming or bathing.  (c) A lack of required supervisory personnel or required lifeguards.  (d) That the operator of the facility or bathing place is not maintaining the required water quality.  (e) That the operator does not possess a valid operating permit.  2. The health authority may deny an application for an operating permit if the applicant fails to:  (a) Notify the health authority before construction and completion of the facility;  (b) Allow inspection of the facility during or after its construction; or  (c) Follow any of the requirements set forth in NRS 444.065 to 444.120, inclusive, and NAC 444.010 to 444.306, inclusive.	REWORDED TO MIRROR MAHC
3-101.7 The OWNER of an AQUATIC FACILITY is responsible for the facility being operated,	See NAC 444.302 Suspension or denial of	REWORDED TO
maintained, and managed in accordance with the requirements of these Regulations.	operating permit.	MIRROR MAHC

	PROPOSED 2017 SOUTHERN NEVADA HEALTH DISTRICT AQUATIC FACILITY REGULATIONS	CURRENT - NEVADA ADMINISTRATIVE CODE 444	TYPE OF OR REASON FOR CHANGE
3-102	Permits		
	The PERMIT to operate shall be posted at the AQUATIC FACILITY in a location conspicuous to the public or immediately available for review upon request.	NAC 444.258 Operating permits.  4. The permit must be posted in a conspicuous place at or near the office of each facility or bathing place. In addition, placards directing the behavior of bathers must be prominently posted in locker rooms, offices, showers, toilets or elsewhere about the facility or bathing place.	REWORDED TO MIRROR MAHC
3-102.2	Operation of an AQUATIC FACILITY without a PERMIT shall be prohibited.	<b>NAC 444.302 Suspension or denial of operating permit.</b> 1. The health authority may order a suspension of an operating permit and may order the owner or operator of a public bathing or swimming facility or natural bathing place to prohibit any person from using it if the health authority finds: (e) That the operator does not possess a valid operating permit.	REWORDED TO MIRROR MAHC
3-102.3	The HEALTH AUTHORITY may order a newly constructed or SUBSTANTIALLY ALTERED AQUATIC VENUE without or outside of an APPROVED PERMIT to close until the AQUATIC FACILITY has obtained an APPROVED PERMIT.	See NAC 444.302 Suspension or denial of operating permit.	REWORDED TO MIRROR MAHC
3-2	Aquatic Facility Operation and Maintenance		
3-201	Closure and Reopening		
3-201.1	If an AQUATIC VENUE is not open for use the following conditions shall be met to protect health and safety:	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT
(A) (1) (2) (3)	Where the AQUATIC VENUE has a separate ENCLOSURE per Section 2-604: The water shall be recirculated and treated to meet the criteria of these Regulations; The water shall be drained; or An APPROVED safety cover that is listed and labeled to ASTM F1346-91 by an ANSI-		
(0)	accredited certification organization shall be installed provided no public health nuisances are present.		
(B)	Where the AQUATIC VENUE does not have a separate ENCLOSURE per Section 2-604 and other parts of the AQUATIC FACILITY are open for use:		
(1)	The water shall be recirculated and treated to meet the criteria of these Regulations and the AQUATIC VENUE shall be staffed to keep BATHERS out; or		
(2)	An APPROVED safety cover that is listed and labeled to ASTM F1346-91 by an ANSI- accredited certification organization shall be installed provided no public health nuisances are present or created.		
(C)	Where the AQUATIC VENUE does not have a separate ENCLOSURE per Section 2-604, and the AQUATIC FACILITY is closed for use:		
(1) (2) (3)	The water shall be recirculated and treated to meet the criteria of these Regulations; The water shall be drained; or An APPROVED safety cover that is, listed and labeled to ASTM F1346-91 by an ANSI-accredited certification organization shall be installed provided no public health nuisances are present. [NEW]		

<u>!</u>	PROPOSED 2017 SOUTHERN NEVADA HEALTH DISTRICT AQUATIC FACILITY REGULATIONS	CURRENT - NEVADA ADMINISTRATIVE CODE 444	TYPE OF OR REASON FOR CHANGE
3-201.2	An owner or operator of a closed AQUATIC VENUE shall verify that the AQUATIC VENUE meets all applicable criteria of these Regulations before reopening the AQUATIC VENUE.  [NEW]	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT
3-202	Preventive Maintenance Plan		
3-202.1 (A) (B)	Written Plan A written comprehensive preventive maintenance plan for each AQUATIC VENUE shall be available at the AQUATIC FACILITY. The AQUATIC FACILITY preventive maintenance plan shall include details and frequency of OWNER/operator's planned routine facility inspection, maintenance, and replacement of	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT
3-202.2 (A)	A copy of the APPROVED plans and specifications for each AQUATIC VENUE constructed after the adoption of these Regulations shall be available at the AQUATIC FACILITY.	NAC 444.262 Supervision and maintenance of facilities.  1. Supervision must be present at all times a	REWORDED TO MIRROR MAHC
(B) (C)	A comprehensive inventory of all mechanical equipment associated with each AQUATIC VENUE shall be available at the AQUATIC FACILITY.  This inventory shall include:	wading pool is in use.  2. Every public bathing or swimming facility must be maintained under the supervision of a qualified	
(1) (2) (3) (4)	Equipment name and model number, Manufacturer and contact information, Local vendor/supplier and technical representative, if applicable, and Replacement or service dates and details.	operator who is responsible for the sanitation and safety of the facility and for the maintenance of its equipment and records.  3. The operator must demonstrate to the health	
(D)	Operation manuals for all mechanical equipment associated with each AQUATIC VENUE shall be available at the AQUATIC FACILITY. If no manufacturer's operation manual is available, then the AQUATIC FACILITY should create a written document that outlines standard operating procedures for maintaining and operating the piece of equipment.	authority that he or she is familiar with the function, operation and maintenance of the equipment in the facility and is capable of maintaining the water chemistry within the required limits.	
3-3	Aquatic Venue Structure		

	PROPOSED 2017 SOUTHERN NEVADA HEALTH DISTRICT AQUATIC FACILITY REGULATIONS	CURRENT - NEVADA ADMINISTRATIVE CODE 444	TYPE OF OR REASON FOR CHANGE
3-301	Depth Markers		
	Depth markers shall be provided in locations in accordance with Section 2-3017 and maintained.	NAC 444.118 Marking depth.  1. The depth of the water in a pool must be plainly marked in units of feet at or above the water surface on the vertical pool wall at maximum and minimum points and at the points of break between the deep and shallow portions and at intermediate increments of depth, spaced at not more than 25-foot (7.6-meter) intervals.  2. Depth markers must be in numerals not less than 4 inches (10 centimeters) in height and of a color contrasting with the background. Markers must be on both sides and at the ends of the pool.  3. The markings must be plainly visible to persons in the pool and to persons about to enter the water.	REWORDED TO MIRROR MAHC
3-301.2	No Diving markers shall be provided in accordance with Section 2-3017 and maintained.	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	REWORDED TO MIRROR MAHC
3-302	Pool Shell and Interior Surface Maintenance		
3-302.1 (A) (B) (C) (D)	Cracks shall be repaired when they may increase the potential for: Leakage, Trips or falls, Lacerations, or Impact the ability to properly clean and maintain the AQUATIC VENUE area.	NAC 444.114 Side walls and bottoms.  2. Pools must be constructed of concrete or other impervious and structurally rigid materials with a finish adapted to the bathing demands of different areas of the pools. All side walls and bottom surfaces must be watertight, free from structural cracks, and have a slip-resistant finish which is smooth and easily cleanable. Floors and walls below the gutter and 6-inch tile line must be white or light pastel in color and must reflect any natural or artificial light.	REWORDED TO MIRROR MAHC
	Surface cracks under 1/8 inch wide shall be documented and monitored for any movement or change including opening, closing, and/or lengthening. [NEW]	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT
	Any sharp edges shall be removed. [NEW]	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT
3-302.4	When cracks or chips in the finish expose BATHERS to the POOL shell, the AQUATIC VENUE must be repaired or resurfaced prior to reopening for use. [NEW]	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT
3-4	Indoor/Outdoor Environment		
3-401	Lighting		
3-401.1 (A)	Lighting Maintained Lighting systems, including emergency lighting, shall be maintained in all PATRON areas and maintenance areas, to ensure the required lighting levels are met as specified in Section 2-401.	NAC 444.142 Lighting.  1. Artificial lighting must be provided for all public bathing or swimming facilities, natural bathing places, bathhouses, toilet rooms, dressing rooms,	REWORDED TO MIRROR MAHC

	PROPOSED 2017 SOUTHERN NEVADA HEALTH DISTRICT AQUATIC FACILITY REGULATIONS	CURRENT - NEVADA ADMINISTRATIVE  CODE 444	TYPE OF OR REASON FOR CHANGE
(B) (C) (D) (E)	The AQUATIC FACILITY shall not be open if light levels are such that the main drain is not visible from poolside.  Underwater lights, where provided, shall be operational and maintained as designed. Branch circuits that supply underwater lights operating at more than the Low Voltage Contact Limit as defined in NEC 680.2 must be GFCI protected.  Operation of an unprotected underwater light circuit shall be prohibited.  Damage to underwater lighting of any kind shall result in the disabling of all applicable electrical connections utilizing a lock out tag out procedure or the ENCLOSURE shall be closed until repairs have been completed. If a significant portion of the facility's underwater lighting is affected, the facility shall close to night swimming until all repairs have been completed.	and equipment rooms that are to be used at night or that do not have adequate natural lighting.  2. Pools designed and maintained for use at night must be equipped with lighting designed and spaced so that all parts of the pool, including the bottom, may be readily seen without glare.  3. The lighting system for outdoor pools must be designed with sources of illumination located so as to prevent insects attracted by the lights from falling into the water.  4. Where underwater lighting is used, not less than 0.5 watts (10 lamp lumens) must be employed per square foot (.093 square meter) of water surface area.  5. If bathing or swimming at night is permitted and underwater lighting:  (a) Is used, area lighting must be directed toward deck areas to the extent practical and not less than 0.6 watts must be employed per square foot (.093 square meter) of deck area.  (b) Is not used, area and pool lighting must be provided and not less than 2.0 watts must be employed per square foot (.093 square meter) of deck area.	
3-401.2 (A)	Glare The AQUATIC FACILITY OWNER shall ensure that glare conditions are assessed to ensure that the AQUATIC VENUE bottom and objects in the POOL are clearly visible throughout operating hours.	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT
(B) (C)	If the AQUATIC VENUE requires LIFEGUARDS, the AQUATIC FACILITY OWNER shall ensure that glare conditions are assessed from each LIFEGUARD STATION to ensure that the AQUATIC VENUE bottom and objects in the POOL are clearly visible throughout operating hours. Windows and lighting equipment shall be adjusted, if possible, to minimize glare and		
	excessive reflection on the water surface. [NEW]  Night swimming shall be prohibited unless required light levels in accordance with Section 2-401 are provided. Night swimming shall be considered one half hour before sunset to one half hour after sunrise.	NAC 444.142 Lighting. 7. If lighting is not provided as required by this section, the operator of the facility or natural bathing place: (a) Shall not permit any use of the facility or bathing place after dark.	REWORDED TO MIRROR MAHC
3-401.4	Emergency lighting shall be tested and maintained according to manufacturer's recommendations. [NEW]  Indoor Aquatic Facility Ventilation	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT
3-402	indoor Aquatic Facility Ventilation		
	AIR HANDLING SYSTEMS shall be maintained and operated by the OWNER/operator to protect the health and safety of the facility's PATRONS. [NEW]	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT
3-402.2	AIR HANDLING SYSTEMS shall be maintained and operated to comply with all requirements of the original system design, construction, and installation. [NEW]	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT

	PROPOSED 2017 SOUTHERN NEVADA HEALTH DISTRICT AQUATIC FACILITY REGULATIONS	CURRENT - NEVADA ADMINISTRATIVE CODE 444	TYPE OF OR REASON FOR CHANGE
3-402.3 (A) (1) (2) (B) (1) (2) (3)	Indoor Facility Areas The AIR HANDLING SYSTEM operation and maintenance requirements shall apply to an INDOOR AQUATIC FACILITY including: The AQUATIC VENUES, and The surrounding BATHER and SPECTATOR/STADIUM SEATING area; But does not include: Mechanical rooms, HYGIENE FACILITIES and locker rooms, and Any associated rooms which have a direct opening to the AQUATIC FACILITY. [NEW]	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT
3-402.4	The ventilation system must be capable of preventing the accumulation of condensation, CHLORAMINES, and microbial growth.	NAC 444.228 Ventilation.  1. Indoor pools, shower rooms, dressing rooms, and toilets of all public bathing or swimming facilities and natural bathing places must be properly ventilated. The ventilating system for indoor pools must be so designed as to prevent direct drafts on the bathers.  2. All interior rooms must be ventilated so that they do not remain excessively damp.	REWORDED TO MIRROR MAHC
3-403	Electrical		
3-403.1 (A) (B) (C)	Electrical Repairs Repairs or alterations to electrical equipment and associated equipment shall be in accordance with applicable law. All defects in the electrical system shall be immediately repaired by a qualified PERSON. Electrical wiring, whether permanent or temporary, shall comply with applicable law.	NAC 444.140 Electrical requirements.  1. All new electrical wiring in a public bathing or swimming facility must conform with the 1987 edition of the National Electric Code of the National Fire Protection Association and applicable state and local building codes. A copy of the Code may be obtained from the International Conference of Building Officials, 5360 South Workman Mill Road, Whittier, California 90601, at a cost of \$20.50. All equipment, fixtures and wiring must bear an appropriate label issued by Underwriters Laboratories Inc., or an equivalent organization.  2. All electrical devices such as portable announcing systems, radios and soft drink dispensers that might be around the pool deck and immediate environment must not be within the reach of bathers.  3. Ground fault circuit interrupters must be provided on all new facilities in accordance with the 1987 edition of the National Electric Code for all lighting circuits as well as for motors and other electrical circuits in the area of any pool. These devices are required on an existing facility if the health authority determines it is necessary to protect the safety of bathers.  NAC 444.466 Electrical requirements.	REWORDED TO MIRROR MAHC

<u> </u>	PROPOSED 2017 SOUTHERN NEVADA HEALTH DISTRICT AQUATIC FACILITY REGULATIONS	CURRENT - NEVADA ADMINISTRATIVE CODE 444	TYPE OF OR REASON FOR CHANGE
		Wiring and grounding of all electrical equipment associated with a spa and the bonding and grounding of all metal parts must meet the <i>National Electric Code</i> published by the National Fire Protection Association.	
3-404	Emergency Exit		
	Emergency exit routes shall be established for both indoor facilities and outdoor facilities and be maintained so that they are well lit, unobstructed, and accessible at all times.	NAC 444.224 Entrances and exits.  2. An emergency fire exit must be provided in the fence or structure enclosing the pool area, and this exit must be plainly marked. A suitable fire extinguisher must be maintained in the checking stand.	REWORDED TO MIRROR MAHC
3-405	Plumbing		
(A) (B) (C)	Water Supply All plumbing shall be maintained in good repair with no leaks or discharge. Potable water shall be available at all times to PATRONS. Water introduced into the POOL, either directly or to the RECIRCULATION SYSTEM, shall be supplied with appropriate BACKFLOW prevention.	NAC 444.216 Plumbing requirements.  1. At least one drinking fountain must be made available to bathers at a public bathing or swimming facility. A raised step must be provided to enable children of all sizes to drink from the fountain without assistance.  NAC 444.146 Connections for supply and disposal of water.  1. No direct mechanical connection with a domestic water supply may be made to a public bathing or swimming facility, a chlorinator or the system of piping for the facility, unless it is protected against backflow in a manner approved by the health authority. All pools must be equipped with acceptable provisions, such as overfall fillspouts, surge tanks or receptors, for adding makeup water.	REWORDED TO MIRROR MAHC
3-405.2 (A) (B)	Drinking Fountains Drinking fountains shall be maintained clean and in good repair. Drinking fountains shall have sufficient water pressure to allow correct adjustment to accommodate water dispensing to prevent PATRON facial contact with common surfaces and prevent water from landing outside the catch basin. [NEW]	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT
	Waste Water AQUATIC VENUE waste water, including backwash water and cartridge cleaning water,	NAC 444.176 Disposal of waste.  1. Provision must be made to dispose of material	REWORDED TO MIRROR MAHC
(A)	shall be disposed of in accordance with applicable law.	cleaned from filters and of backwash water in a	WIINNON WAND
(B)	Waste water and backwash water shall not be returned to an AQUATIC VENUE or the AQUATIC FACILITY'S water treatment system.	manner that will not create a nuisance.  2. If drainage to a sanitary sewer or storm sewer	
(C)	Filter backwash lines, DECK drains, and other drain lines connected to the AQUATIC FACILITY or the AQUATIC FACILITY RECIRCULATION SYSTEM shall be discharged through an APPROVED air gap.	is permitted, an air gap must be provided which will positively preclude against surge or backflow introducing contaminated water into the pool or the recirculation system.	

<u> </u>	PROPOSED 2017 SOUTHERN NEVADA HEALTH DISTRICT AQUATIC FACILITY REGULATIONS	CURRENT - NEVADA ADMINISTRATIVE CODE 444	TYPE OF OR REASON FOR CHANGE
(D)	No standing water shall result from any discharge, nor shall it create a nuisance, offensive odors, stagnant wet areas, or create an environment for the breeding of insects.	3. Diatomaceous earth must be disposed of so that no solids appear in the wastewater. This may be done by using a separation tank, receiving chamber, or any other method approved by the health authority.	
	Removal of water from the POOL and replacement with make-up water shall be performed as needed to maintain water quality. [NEW]	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT
3-406	Solid Waste		
3-406.1	Outside trash and recycling recepticles and storage areas shall be maintained in good repair and clean condition. [NEW]	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT
3-406.2	Solid waste and recycled materials shall be removed at a frequency to prevent the attraction of vermin or cause odors and disposed of in compliance with applicable law.  [NEW]	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT
3-407	Decks		
3-407.1 (A) (B)	Food Preparation and Consumption Food preparation and cooking shall only be permitted in designated areas as specified in these Regulations.  BATHERS shall not eat while in or partially in the AQUATIC VENUE water except in designated areas located at least 4 feet from the water's edge. Beverages in a covered	NAC 444.1972 Water slides: Food and drink; trash.  1. Food or drink must not be permitted in locker or change rooms, in the immediate area of the flumes and pools, or on the surrounding decks,	REWORDED TO MIRROR MAHC
(C)	container may be consumed while in or partially in the AQUATIC VENUE.  Swim-up bars or gaming areas, when utilized, shall provide facilities for BATHERS to place food and drinks on a surface which can be SANITIZED and spill resistant containers to prevent the introduction of food or drink into the AQUATIC VENUE water.	stairs and walkways. Food and drink must be permitted in any visitor and spectator area or in any segregated snack area for bathers.  NAC 444.1974 Water slides: Posting notice of prohibited conduct.  9. The possession of any glass, bottle or food in or near any pool.  NAC 444.288 Food and drinks.  Food or drinks are not permitted in a public bathing or swimming facility, except in the visitor area or in areas which have been approved by the health authority for food or drinks.  NAC 444.536 Visitor and spectator areas; food and drink.  1. Spaces used by visitors and spectators must be separated from spaces used by bathers.  2. Food or drink must not be permitted in the immediate area of the spa or on the deck which surrounds it.	
3-407.2 (A)	Glass food and beverage containers shall be prohibited in PATRON areas of AQUATIC FACILITIES.	NAC 444.1974 Water slides: Posting notice of prohibited conduct.  9. The possession of any glass, bottle or food in	REWORDED TO MIRROR MAHC
(B) 3-407.3 (A)	Glass furniture shall be prohibited in an AQUATIC FACILITY.  DECK Maintenance The PERIMETER DECK shall be maintained free from obstructions, including PATRON seating, to preserve space required for lifesaving and rescue.	or near any pool.  NAC 444.134 Decks.  1. Except as otherwise provided in this subsection and in NAC 444.196 and 444.1995, a clear,	REWORDED TO MIRROR MAHC

	PROPOSED 2017 SOUTHERN NEVADA HEALTH DISTRICT AQUATIC FACILITY REGULATIONS	CURRENT - NEVADA ADMINISTRATIVE CODE 444	TYPE OF OR REASON FOR CHANGE
(B) (C) (D) (E) (1) (2) (3) (F) (G) (H) (I)	Diaper changing shall be prohibited on the DECK. DECK areas shall be cleaned daily and kept free of debris, vermin, and vermin harborage. DECK surfaces shall be maintained to their original design slope and integrity. Cracks shall be repaired when they increase the potential for: Trips or falls, Lacerations, and/or Impact the ability to properly clean and maintain the DECK area. DECK areas shall be free from standing water. DECK drains shall be cleaned and maintained to prevent blockage and ponding of water. Absorbent materials used in wet areas must be able to be removed for daily cleaning and DISINFECTION. Fixed equipment, loose equipment, and DECK furniture shall not interfere with emergency exit procedures or intrude upon the AQUATIC VENUE DESIGNATED WALKWAY.	unobstructed deck must be provided around the entire perimeter of a pool. In no case may the width of the deck be less than 4 feet (1.2 meters). A deck may be obstructed for a distance equal to not more than 10 percent of the perimeter of the pool if: (a) The design of the obstruction does not endanger the health or safety of persons using the pool; (b) An unobstructed area of deck not less than 4 feet wide is provided around or through the obstruction not more than 15 feet (4.55 meters) from the edge of the pool; and (c) Written approval for the obstruction is obtained from the health authority before construction or installation of the obstruction.  2. The paved area of the deck must extend not less than 4 feet (1.2 meters) from both sides and rear of any diving board or its appurtenances.  3. The surface of the paved deck must not drain into the pool or the overflow gutter. Drainage must be conducted from the deck in a manner that will not create muddy, hazardous or objectionable conditions. Decks must slope on a minimum slope of 1/4 inch per foot (2 percent) to the drains to points at which the water will have a free, unobstructed flow to points of disposal at all times. If deck drains are provided, they must be spaced or arranged so that not more than 400 square feet (37.2 square meters) of area is tributary to each drain and drains must not be more than 25 feet (7.6 meters) apart. Drainage from the decks must not be returned to the recirculation system.  4. The deck must have a slip-resistant surface that can be cleaned by hosing and causes no discomfort to bare feet.  5. Provision must be made to prevent the drainage of materials from lawns or landscaped areas onto the pool decks or into the pool.	
3-408	Aquatic Facility Maintenance		
	All appurtenances, features, signage, safety and other equipment, and systems required by these Regulations shall be provided and maintained. [NEW]	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT
3-408.1 (A) (B)	Diving Boards and Platforms The finish and profile of surfaces of diving boards and platforms shall be maintained to prevent slips, trips, and falls. Diving boards shall be inspected daily for cracks and loose bolts with cracked boards removed and loose bolts tightened immediately.	NAC 444.122 Diving area and equipment. 4. Diving boards, towers and platforms must have a slip-resistant finish and, if covered with an absorbent material, the cover must be disinfected daily.	REWORDED TO MIRROR MAHC

	PROPOSED 2017 SOUTHERN NEVADA HEALTH DISTRICT AQUATIC FACILITY REGULATIONS	CURRENT - NEVADA ADMINISTRATIVE CODE 444	TYPE OF OR REASON FOR CHANGE
(A) (B)	Steps and Guardrails Steps and guardrails shall be secured so as not to move during use. The profile and surface of steps shall be maintained to prevent slips and falls. [NEW]	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT
	The profile and surface of starting platform steps shall be in good repair to prevent slips, trips, falls, and pinch hazards. [NEW]	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT
3-408.4 (A) (B) (C) (D)	WATERSLIDES shall be maintained and operated to manufacturer's/designer's specifications.  Slime and biofilm layers shall be removed on all accessible WATERSLIDE surfaces.  WATERSLIDE water flow rates shall be checked to be within designer or manufacturer's specifications prior to opening to the public.  Where WATERSLIDE plumbing lines are susceptible to holding stagnant water, WATERSLIDE pumps shall be started with sufficient time prior to opening to flush such plumbing lines with treated water.  The water shall be tested to verify the disinfectant in the water is within the parameters specified in Section 3-503.1.	NAC 444.1968 Water slides: Control of water.  1. A surge-free automatic water makeup system with a manual override must be provided and constructed so that the normal operating level of the splash pool is maintained at all times.  Approved backflow protection must be provided.  2. The velocity of water at the weir or inlet grate must not exceed 1 1/2 feet (0.4 meters) per second.  3. A perimeter overflow gutter, if used, is not required directly under slide flumes or along the weirs that separate splash pools and pump reservoirs.  4. Surface skimming devices may be used instead of a perimeter overflow gutter.	REWORDED TO MIRROR MAHC
3-408.5 (A) (B)	ENCLOSURES and BARRIERS Required ENCLOSURES to include fencing and gates shall be maintained at all times. Gates, locks, and associated alarms, if required, shall be tested daily prior to opening.	NAC 444.136 Barriers; exclusion of unauthorized persons.  1. Provision must be made to exclude unauthorized persons from any pool or pool area. A pool must be surrounded by a fence, wall, building or other barrier that completely encloses the pool area and otherwise complies with the requirements of this section. No part of a pool enclosure may be used for common foot traffic.  2. The barrier must be impenetrable for small children and must not offer any external handholds or footholds.  3. In the case of a swimming pool operated solely for and in conjunction with a hotel, motel or other place of lodging, or a trailer park, apartment, condominium or other facility containing multiple dwellings, the barrier must be not less than 5 feet (1.5 meters) in height. Courtyard-type concepts in which gates or doors open directly into a pool enclosure from a dwelling unit or hotel or motel room are not permitted. In any other case, the barrier must be not less than 6 feet (1.8 meters) in height.  4. Any vertical members in the barrier must not be more than 4 inches (10.16 centimeters) apart.	REWORDED TO MIRROR MAHC

	PROPOSED 2017 SOUTHERN NEVADA HEALTH DISTRICT AQUATIC FACILITY REGULATIONS	CURRENT - NEVADA ADMINISTRATIVE CODE 444	TYPE OF OR REASON FOR CHANGE
		5. Any opening at the bottom of the barrier must not be more than 4 inches (10.16 centimeters) in height.  6. Any gate or door that opens into the pool area:  (a) Must be equipped with permanent locking devices and self-closing and positive self-latching mechanisms. Self-closing and self-latching mechanisms must be located not less than 3 1/2 feet above the ground.  (b) Must self-close and positively self-latch from any open position.  (c) Must not be blocked open or otherwise disabled to prevent closing and latching.  (d) Must, in the case of an indoor pool, be made of metal and installed in a metal frame.  The operator of the pool shall periodically inspect each such gate or door to ensure that it is operating properly.	
3-408.6 (A)	AQUATIC FACILITY Cleaning The AQUATIC VENUE shall be kept clean of debris, organic materials, and slime/biofilm in accessible areas in the water and on surfaces. Vacuuming shall only be done when the AQUATIC VENUE is closed and port openings shall	NAC 444.174 Vacuum cleaners.  5. Any visible dirt on the bottom or sides of the pool, and any visible scum or floating matter on the surface of the pool must be removed before	REWORDED TO MIRROR MAHC
3-5	be covered with an APPROVED device cover when not in use.  Recirculation and Water Treatment	the pool is used.	
3-501	Recirculation Systems and Equipment		
3-501.1	General	NAC 444.152 System for recirculation. 4. The	REWORDED TO
(A)	All components of the filtration and RECIRCULATION SYSTEMS shall be kept in continuous operation 24 hours per day.	recirculation system must be operated at all times the facility is open for use and for not less than 3	MIRROR MAHC
(1)	For AQUATIC FACILITIES that intend to reduce the recirculation flow rate below the minimum required design values only when the AQUATIC VENUE is closed, the system shall be operated according to the provisions outlined in Section 2-502.9(H).	hours after the facility is closed. If the system is shut down for periodic maintenance and repair, no person who is not an employee of the facility may	
(B)	Flow through the various components of a RECIRCULATION SYSTEM shall be balanced to maximize the water clarity and safety of a POOL.	be allowed into the facility.  5. If time clocks are used to govern the operation	
(C)	For gutter or SKIMMER POOLS with main drains, the recommended recirculation flow should be as follows during normal operation:	of the recirculation system, they must be:  (a) Used to govern the operation of any	
(1) (2)	At least 80 percent of the flow through the perimeter overflow system, and No greater than 20 percent through the main drain.	equipment, such as chemical disinfectant feeders, slurry feeders or heaters, dependent upon the flow of water within the system.  (b) Reset immediately after any interruption in power.	
3-501.2	Each individual AQUATIC VENUE in a combined treatment system shall meet required TURNOVER times specified in <b>Table 2-502.9</b> and achieve all water quality criteria.	NAC 444.152 System for recirculation.  1. Except as otherwise provided in NAC 444.198 to 444.1995, inclusive, and 444.202, a recirculation system, consisting of pumps, filters,	REWORDED TO MIRROR MAHC; MORE SPECIFIC REQUIREMENTS

!	PROPOSED 2017 SOUTHERN NEVADA HEALTH DISTRICT AQUATIC FACILITY REGULATIONS	CURRENT - NEVADA ADMINISTRATIVE CODE 444	TYPE OF OR REASON FOR CHANGE
		water conditioning, disinfection equipment and other accessory equipment, must be provided at each public bathing or swimming facility which will recirculate, clarify and disinfect the volume of water used in the facility every 6 hours or less.  See 2-502.9 for additional recirculation requirements.	
3-501.3	INLETS shall be checked at least weekly for rate and direction of flow and adjusted as necessary to produce uniform circulation of water and to facilitate the maintenance of a uniform disinfectant residual throughout the POOL. [NEW]	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT
3-501.4 (A)	Surface Skimming Devices  The perimeter overflow systems shall be kept clean and free of debris that may restrict flow. Removable grates must be in place during operation in order to prevent entrapment.	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT
(B) (C) (D)	The automatic fill system, when installed, shall maintain the water level at an elevation such that the gutters must overflow continuously around the perimeter of the POOL. The water levels shall be maintained near the middle of the SKIMMER openings. The flow through each SKIMMER shall be adjusted to maintain skimming action that will remove all floating matter from the surface of the water.		
(E)	The strainer baskets for SKIMMERS shall be maintained in good repair, not broken or missing and cleaned as necessary to maintain proper skimming. Damaged strainer baskets shall be replaced.		
(F) (G)	Weirs shall remain in place and in working condition at all times. Broken or missing SKIMMER weirs shall be replaced.  A flotation test may be required by the HEALTH AUTHORITY to evaluate the effectiveness of surface skimming. [NEW]		
3-501.5 (A)	Submerged Drains/Suction Outlet Covers or Gratings Loose, broken, or missing suction outlet covers and sumps shall be secured or replaced immediately and installed in accordance with the manufacturer's requirements.	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT
(1) (2)	Pools shall be closed until the required repairs can be completed.  AQUATIC FACILITIES shall follow procedures for closing and re-opening as applicable in Section 3-201.		
(B)	The manufacturer's documentation on all outlet covers and sumps shall be made part of the permanent records of the AQUATIC FACILITY. [NEW]		
	Strainers shall be in place and cleaned as required to maintain pump performance.	NAC 444.172 Strainers.  1. The recirculation system must include a strainer to prevent hair, lint and other solids from reaching the pump and filters.	REWORDED TO MIRROR MAHC
3-501.7	Flow meters in accordance with Section 2-502.8 shall be provided and maintained in proper working order.	NAC 444.154 Rate of flow.  An adequate number of rate of flow indicators and rate of flow controllers having satisfactory range must be installed and properly located, so that the rate of flow either during normal circulation or during the filter backwashing operation can be determined.  NAC 444.484 Circulation and filtration.	REWORDED TO MIRROR MAHC

	PROPOSED 2017 SOUTHERN NEVADA HEALTH DISTRICT AQUATIC FACILITY REGULATIONS	CURRENT - NEVADA ADMINISTRATIVE CODE 444	TYPE OF OR REASON FOR CHANGE
		A rate-of-flow indicator must be installed	
3-501.8	Flow Rates / Turnover	according to the manufacturer's instructions.  NAC 444.152 System for recirculation. 4. The	REWORDED TO
(A)	AQUATIC VENUES constructed or SUBSTANTIALLY ALTERED after the adoption of these Regulations shall be operated at the designed flow rate to provide the required TURNOVER 24-hours per day when open for use except as allowed in Section 2-502.9. AQUATIC VENUES RECIRCULATION SYSTEMS constructed before the adoption of these Regulations shall be operated 24 hours a day in accordance with Section 3-501.1(A).	recirculation system must be operated at all times the facility is open for use and for not less than 3 hours after the facility is closed. If the system is shut down for periodic maintenance and repair, no person who is not an employee of the facility may	MIRROR MAHC
	regulations shall be operated 24 hours a day in accordance with Section 5-501.1(A).	be allowed into the facility.	
3-502	Filtration		
	Filters and filter media shall be listed and labeled to NSF/ANSI 50 by an ANSI-accredited certification organization. Filters shall be operated, backwashed, cleaned and maintained according to the manufacturer's instructions. [NEW]	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT
3-503	Disinfection and pH Control		
3-503.1	Primary Disinfectants Only the primary disinfectants outlined in this Section shall be acceptable for use in AQUATIC VENUES.	NAC 444.148 Quality of water. 3. The equipment must provide water which meets the following standards:	REWORDED TO MIRROR MAHC; MORE SPECIFIC
(A)	CHLORINE (Hypochlorites)	(a) The water must be continuously disinfected by	REQUIREMENTS
(1)	Only CHLORINE products that are EPA-REGISTERED for use as sanitizers or disinfectants in AQUATIC VENUES or SPAS in the United States are permitted.	a chemical which imparts an easily measured, freely available residual effect. Except as	TRE GOTTE WEITTO
(2) (a)	Minimum FAC concentrations shall be maintained at all times in all areas as follows: AQUATIC VENUES not using CYA shall maintain a minimum FAC concentration of 1.0 PPM.	otherwise provided in NAC 444.207, adequate disinfection must be accomplished by one of the following:	
(b)	AQUATIC VENUES using CYA shall maintain a minimum FAC concentration of 2.0 PPM.	(1) Normal chlorination of 1.0 to 5.0 ppm chlorine	
(c) (3)	SPAS shall maintain a minimum FAC concentration of 3.0 PPM.  Recirculated AQUATIC FEATURE water lines susceptible to holding stagnant water shall maintain disinfectant throughout the lines as per Section 3-503.1(A)-(B).	at pH 7.0 to 8.0; (2) Chlorinated cyanurate chlorination of 1.0 to 5.0 ppm at pH 7.2 to 8.0; or	
(4)	Maximum FAC concentrations shall not exceed 10.0 PPM at any time the AQUATIC VENUE is open to BATHERS.	(3) Normal bromination of 3.0 to 5.0 ppm at pH 7.0 to 8.0.	
(B)	Bromine	(b) The health authority may accept other	
(1)	Only bromine products that are EPA-REGISTERED for use as sanitizers or disinfectants in AQUATIC VENUES or SPAS in the United States shall be permitted.	disinfecting materials or methods if they have been adequately demonstrated to provide a	
(2)	Minimum bromine concentrations shall be maintained at all times in all areas as follows: All AQUATIC VENUES: 3.0 PPM, and	satisfactory residual effect which is easily measured, and otherwise to be equally as	
(a) (b)	SPAS: 3.0 PPM.	effective under conditions of use as the chlorine	
(3)	Maximum bromine concentrations shall not exceed 8.0 PPM at any time the AQUATIC VENUE is open to BATHERS.	concentration required in this section.  (c) The maximum permissible concentration of	
(C)	Stabilizers	cyanuric acid is 100 ppm.	
(1) (D)	The CYA level at all AQUATIC VENUES shall not exceed 100 PPM. Compressed CHLORINE Gas	(d) The total alkalinity should be within the range of 80 to 120 ppm.	
(1)	As per Section 2-504.2(K), use of compressed CHLORINE gas shall be prohibited for new construction and after SUBSTANTIAL ALTERATION to existing AQUATIC FACILITIES.  Facilities using compressed CHLORINE gas shall provide safety precautions per the following Sub-Sections.	4. The chemical quality of water used in the facility must not cause irritation to the eyes or skin of the bathers, or have other objectionable physiological effects on bathers.	

	PROPOSED 2017 SOUTHERN NEVADA HEALTH DISTRICT AQUATIC FACILITY REGULATIONS	CURRENT - NEVADA ADMINISTRATIVE  CODE 444	TYPE OF OR REASON FOR CHANGE
(a)	The chlorinators and any cylinders containing CHLORINE gas used therewith shall be housed in an ENCLOSURE separated from other EQUIPMENT ROOMS, including the swimming POOL, corridors, dressing rooms and other space with a door so installed as to prevent gas leakage and equipped with an inspection window.	5. The water must have sufficient clarity at all times so that the pattern of the main drain in any pool is clearly visible from the walk at the deep end. Failure to meet this requirement constitutes a	
(b)	The enclosure shall be equipped with an audible alarm and leakage detection kit.	ground for the immediate closing of the facility.	
(c)	A gas mask designed for use in a chlorine atmosphere must be located outside of the enclosure in a closed, unlocked cabinet along with a record book for use and a replacement canister.		
(d)	CHLORINE cylinders shall be secured from falling.		
(e)	Cylinders in use shall be secured on a suitable platform scale and equipped with a wrench or valve handle that can be used to shut off the gas in the event of an emergency.		
(f)	A separate vent opening near the floor to the building exterior shall be provided.		
(g)	An electric motor-driven fan capable of two air changes per hour, shall take suction from near the floor level of the ENCLOSURE and discharge at a suitable point to the exterior above the ground level.		
(h)	The fan switch shall be able to be operated from outside of the ENCLOSURE.		
(i)	Any person who operates such chlorinating equipment shall be trained in its use.		
(j)	Facilities shall stop the use of CHLORINE gas if specific safety equipment and training requirements, along with local code considerations, cannot be met.		
(E)	Salt Electrolytic Chlorine Generators, Brine Electrolytic Chlorine or Bromine Generators		
(1)	Only POOL grade salt shall be used.		
(2)	The salt generation generator must maintain CHLORINE and bromine levels within required concentrations as specified in Section 3-503.1(A). The saline content of the POOL water shall be maintained in the required range specified by the manufacturer.		
(3)	Cleaning of electrolytic plates shall be performed as recommended by the manufacturer.		
(4)	Corrosion protection systems shall be maintained in the POOL basin.		
(F)	A facility unable to maintain water with the required disinfectant residual will be required		
` '	to install equipment for the automated feeding of chemicals.		
3-503.2	Secondary Disinfection Systems	NEW REQUIREMENT NOT FOUND IN	NEW
(A)	UV Light	CURRENT NAC 444	REQUIREMENT
(1)	UV systems shall only operate while the RECIRCULATION SYSTEM is operating.		
(2)	UV systems shall be operated and maintained not to exceed the maximum validated		
	flow rate and meet or exceed the minimum validated output intensity needed to achieve		
(2)	the required dose for a 3-log inactivation. UV sensors shall be calibrated at a frequency in accordance with manufacturer		
(3)	recommendations.		
(4)	Records of calibration shall be maintained by the facility.		
(B)	Ozone		
(1)	Ozone systems shall be operated and maintained according to the manufacturer's instructions to maintain the required design performance.		
(2)	Residual ozone concentration in the AQUATIC VENUE water shall remain below 0.1 PPM.		
(3)	A printed standard operating manual shall be provided containing information on the operation and maintenance of the ozone generating equipment, including the		
	responsibilities of workers in an emergency.		

	PROPOSED 2017 SOUTHERN NEVADA HEALTH DISTRICT AQUATIC FACILITY REGULATIONS	CURRENT - NEVADA ADMINISTRATIVE CODE 444	TYPE OF OR REASON FOR CHANGE
(4)	All employees shall be properly trained in the operation and maintenance of the		
(0)	equipment.		
(C)	Copper/Silver lons		
(1)	Only those systems that are EPA-REGISTERED for use as sanitizers or disinfectants in AQUATIC VENUES or SPAS in the United States are permitted.		
(2)	Copper and silver concentrations shall not exceed 1.3 PPM for copper and 0.10 PPM for		
(-)	silver for use as disinfectants in AQUATIC VENUES and SPAS in the United States.		
(3)	FAC or bromine levels shall be maintained in accordance with Section 3-503.1. [NEW]		
	Other Sanitizers, Disinfectants, or Chemicals	NEW REQUIREMENT NOT FOUND IN	NEW
(A)	Other sanitizers, disinfectants, or chemicals used must:	CURRENT NAC 444	REQUIREMENT
(1)	Be U.S. EPA-REGISTERED under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) and,		
(2)	Not create a hazardous condition or compromise disinfectant efficacy when used with required bromine or CHLORINE concentrations, and		
(B)	Not interfere with water quality measures meeting all criteria set forth in these Regulations.		
(C)	CHLORINE Dioxide		
(1)	CHLORINE dioxide added through the recirculation system shall only be used for		
	remediation for water quality issues when the AQUATIC VENUE is closed and BATHERS are		
(2)	not present.		
(2)	Safety training and safety precautions related to use of CHLORINE dioxide shall be in place.		
(D)	Clarifiers, flocculants, and defoamers shall be used per manufacturer's instructions.		
(5)	[NEW]		
3-503.4		NAC 444.148 Quality of water.	REWORDED TO
(A)	The PH of the water shall be maintained between 7.2 and 7.8.	The equipment must provide water which	MIRROR MAHC
(B)	APPROVED substances for PH adjustment shall include but not be limited to muriatic	meets the following standards:	
	(hydrochloric) acid, sodium bisulfate, carbon dioxide, sulfuric acid, sodium bicarbonate,	(a) The water must be continuously disinfected by	
(C)	and soda ash.	a chemical which imparts an easily measured, freely available residual effect. Except as	
(C)	A facility unable to maintain water at the required pH, will be required to install equipment for the automated feeding of chemicals.	otherwise provided in NAC 444.207, adequate	
	equipment for the automated reeding of chemicals.	disinfection must be accomplished by one of the	
		following:	
		(1) Normal chlorination of 1.0 to 5.0 ppm chlorine	
		at pH 7.0 to 8.0;	
		(2) Chlorinated cyanurate chlorination of 1.0 to 5.0	
		ppm at pH 7.2 to 8.0; or	
		(3) Normal bromination of 3.0 to 5.0 ppm at pH	
		7.0 to 8.0.	
		NAC 444.182 Disinfectants: Handling; storage; toxicity.	
		4. If the water in a facility cannot be maintained at	
		a pH of 7.0 to 8.0, equipment for the feeding of	
		chemicals to maintain the required pH must be	
		provided.	
3-503.5	Feed Equipment	NEW REQUIREMENT NOT FOUND IN	NEW
		CURRENT NAC 444	REQUIREMENT

	PROPOSED 2017 SOUTHERN NEVADA HEALTH DISTRICT AQUATIC FACILITY	CURRENT - NEVADA ADMINISTRATIVE CODE 444	TYPE OF OR REASON FOR
	REGULATIONS	CODE 444	CHANGE
(A)	Any disinfectant and PH control chemicals delivered through an automatic chemical feed		
	system shall meet the following requirements:		
(1)	All chemical feed system components must be dedicated to a single chemical and		
(0)	clearly labeled to prevent the introduction of incompatible chemicals.		
(2)	Chemical feed system components shall be installed and interlocked so it cannot		
	operate when the RECIRCULATION SYSTEM is in low or no flow circumstances as per Section 2-504.2(B).		
(3)	Chemical feed system components shall incorporate failure-proof features so the		
(0)	chemicals cannot feed directly into the AQUATIC VENUE, the venue piping system not		
	associated with the RECIRCULATION SYSTEM, source water supply system, or area within		
	proximity of the AQUATIC VENUE DECK under any type of failure, low flow, or interruption of		
	operation of the equipment to prevent BATHER exposure to high concentrations of		
	AQUATIC VENUE treatment chemicals.		
(4)	All chemical feed equipment shall be maintained in good working condition.		
(B)	Chemical feeders shall be installed such that they are not over a different chemical,		
	stored chemicals, other feeders, or electrical equipment.		
(C)	Chemicals shall be kept dry to avoid clumping and potential feeder plugging for		
	mechanical gate or rotating screw feeders. The feeder mechanism shall be cleaned and		
<b>(D)</b>	lubricated to maintain a reliable feed system.		
(D)	Adequate pressure shall be maintained at the venturi INLET to create the vacuum needed		
(E)	to draw the chemical into the RECIRCULATION SYSTEM.  Erosion feeders shall only have chemicals added that are approved by the manufacturer.		
(1)	A feeder shall only be opened after the internal pressure is relieved by a bleed valve.		
(2)	Erosion feeders shall be maintained according the manufacturer's instructions.		
(F)	Tubing and connections shall be checked on a daily basis for leaks.		
(1)	All chemical tubing that runs across walkways in non-PATRON areas shall be routed in		
	PVC piping to support the tubing and to prevent leaks.		
(2)	The double containment PVC pipe shall be of sufficient size to allow for easy		
	replacement of tubing.		
(3)	Any necessary turns in the piping shall be designed so as to prevent kinking of the		
	tubing.		
(G)	The Chlorine Institute requirements for safe storage and use of CHLORINE gas shall be		
4.5	followed.		
(H) (1)	Carbon dioxide feed shall be permitted to reduce PH and control total alkalinity.  Carbon dioxide feed shall be controlled using a gas regulator.		
(2)	CO <sub>2</sub> /O <sub>2</sub> monitor and alarm shall be maintained in working condition.		
(3)	Carbon dioxide is heavier than air, so forced ventilation shall be maintained in the		
(0)	storage room. [NEW]		
3-503.6	Testing for Water Circulation and Quality	NAC 444.184 Testing equipment.	REWORDED TO
(A)	WATER QUALITY TESTING DEVICES (WQTDs) for the measurement of disinfectant residual,	Every public bathing or swimming facility must	MIRROR MAHC;
	PH, alkalinity, CYA (if used), and temperature, at a minimum, shall be available on site.	have an approved test set for the determination of	MORE SPECIFIC
(B)	WQTDs utilizing reagents shall be checked for expiration at every use and the date	pH, disinfectant residuals, total alkalinity and, at	REQUIREMENTS
(6)	recorded.	facilities where chlorinated cyanurates are used,	
(C)	WQTDs shall be stored in accordance with manufacturer's instructions.	cyanuric acid concentrations.	
(D)	Chemical testing reagents shall be maintained at proper manufacturer specified	2. The use of orthotolodine for determining the	
	temperatures.	level of residual disinfectant is not approved. The	

	PROPOSED 2017 SOUTHERN NEVADA HEALTH DISTRICT AQUATIC FACILITY REGULATIONS	CURRENT - NEVADA ADMINISTRATIVE CODE 444	TYPE OF OR REASON FOR CHANGE
(E)	WQTDs that require calibration shall be calibrated in accordance with manufacturer's	use of the DPD method for determining the level	
(F)	instructions and the date of calibration recorded.  WQTDs unable to measure FAC are prohibited.	of residual chlorine or bromine is approved.	
3-503.7	AUTOMATED CONTROLLERS and Equipment Monitoring	NEW REQUIREMENT NOT FOUND IN	NEW
(A)	AQUATIC VENUES with AUTOMATED CONTROLLER as outlined in Section 2-504.3(V) shall be capable of measuring the disinfectant residual of FAC, bromine, or the system ORP ORP to maintain the disinfectant residual.	CURRENT NAC 444	REQUIREMENT
(B) (C)	AUTOMATED CONTROLLERS shall be interlocked per Section 2-504.2(B). The sample line for all probes shall be upstream from all primary, SECONDARY, AND SUPPLEMENTAL DISINFECTION injection ports or devices.		
(D)	AUTOMATED CONTROLLERS shall be monitored at the start of the operating day to ensure proper functioning.		
(E)	MONITORING shall include activities recommended by manufacturers, including but not limited to alerts and leaks.		
(F) (G)	AUTOMATED CONTROLLERS shall be calibrated per manufacturer directions. When an ozone system is utilized as a SECONDARY DISINFECTION SYSTEM, the system shall be monitored continuously for the following: ORP, the control system indicating $O_3$ being created, and operational indicators indicating the system is in range. The MONITORING data must be recorded every four hours.		
(1)	At the time the ozone generating equipment is installed, again after 24 hours of operation, and annually thereafter, the air space within six (6) inches of the AQUATIC VENUE water shall be tested to determine compliance of less than 0.1 PPM gaseous ozone.		
(2) (H)	Results of the test shall be maintained on site for review by the HEALTH AUTHORITY. When a UV system is utilized for SECONDARY DISINFECTION, the system shall be monitored continuously for the following and the data recorded as indicated: flow rate every four hours, intensity every four hours, water temperature daily, set point for intensity daily, and UV lamp on/off cycles recorded weekly with the total cycles/week. In addition the following must be monitored and recorded as indicated: iron, calcium hardness – weekly, UVT analyzer calibration – weekly, calibration intensity monitored annually and recorded at the time of calibration, and the calibration of the flow meter per manufacturer's requirements and recorded the time of calibration.		
(1)	The automated UV shut-down alarm required in Section 2-504.3(F)(7) shall be tested weekly and maintained as needed. [NEW]		
3-504	Water Sample Collection and Testing		
3-504.1 When re	Routine Sample Collection  outine samples are collected from in-line sample ports, the QUALIFIED OPERATOR shall also ensure water samples are acquired from the bulk water of the AQUATIC VENUE at least once per day  Water quality data from these AQUATIC VENUE samples shall be compared to data obtained from in-line port samples to assess potential water quality variability in the AQUATIC VENUE. [NEW]	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT
3-504.2 (A)	AQUATIC VENUE Water Chemical Balance Total alkalinity shall be maintained in the range of 60 to 180 PPM.	NAC 444.148 Quality of water.	REWORDED TO MIRROR MAHC

PROPOSED 2017 SOUTHERN NEVADA HEALTH DISTRICT AQUATIC FACILITY REGULATIONS	CURRENT - NEVADA ADMINISTRATIVE CODE 444	TYPE OF OR REASON FOR CHANGE
(B) The OWNER shall ensure the AQUATIC FACILITY takes action to reduce the level of CHLORAMINES in the water when levels exceed 1.0 PPM. Such actions may include but are not limited to:  (1) SUPERCHLORINATION; (2) BREAKPOINT CHLORINATION; (3) Water exchange; or (4) PATRON adherence to appropriate BATHER hygiene practices. (C) Calcium hardness should not exceed 1000 PPM. (D) Algaecides may be used in an AQUATIC VENUE provided: (1) The product is labeled as an algaecide for AQUATIC VENUE or SPA use; (2) The product is used in strict compliance with label instructions; and, (3) The product is registered with the US EPA and applicable state agency. [NEW]	(d) The total alkalinity should be within the range of 80 to 120 ppm.	
3-504.3 Source water shall be maintained as outlined in Section 2-901.	NAC 444.216 Plumbing requirements.  2. All water provided for drinking fountains, lavatories and showers must be potable and meet the requirements and conform with the standards of the Health Division for drinking water.  NAC 444.148 Quality of water.  1. Water entering a public bathing or swimming facility for the first time must meet the bacteriological standards for potable water set forth in the primary drinking water standards adopted pursuant to NRS 445A.855, except the health authority may approve the use of water from natural sources including saline water. Fresh water must be added to pools that depend upon the flow of a stream, lake, well or other source which has been diverted to flow in and out of the pool, at a rate of not less than 1,000 gallons (378.5 liters) per hour for each 20 bathers using the pool during each hour.	REWORDED TO MIRROR MAHC
3-504.4 AQUATIC VENUE water shall be chemically balanced. [NEW]	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT
<ul> <li>3-504.5 Water Temperature</li> <li>(A) Water temperatures shall be considered and planned for based on risk, safety, priority facility usage, and age of participants, while managing water quality concerns.</li> <li>(B) The maximum temperature for any AQUATIC VENUE is 104°F.</li> </ul>	NAC 444.234 Temperature.  1. The maximum recommended temperature in such baths is 104F (40C).	REWORDED TO MIRROR MAHC
3-504.6 Facilities not having dependable disinfection and filtration systems or failing to maintain such systems in accordance with these regulations shall provide weekly bacteriological testing results from a State certified laboratory of water samples taken from each aquatic venue. Not more than 15 percent of the samples for any aquatic venue must either:  (A) Contain more than 200 bacteria per milliliter, as determined by the standard (35°C) agar plate count; or  (B) Show a positive test (confirmed test) for total coliform organisms in any of the five 10 milliliter portions of a sample or more than 1.0 coliform organisms per 50 milliliters if the membrane filter test is used.	NAC 444.150 Sampling of water.  1. Samples of water from each public bathing or swimming facility must be submitted to the laboratory of the Health division once a week for bacteriological testing. This requirement may be waived for facilities maintaining approved operating records and having dependable disinfection and filtration.	WORDING AND FORMAT ALTERED TO ALIGN WITH CURRENT REGULATIONS

Ī	PROPOSED 2017 SOUTHERN NEVADA HEALTH DISTRICT AQUATIC FACILITY REGULATIONS	CURRENT - NEVADA ADMINISTRATIVE CODE 444	TYPE OF OR REASON FOR CHANGE
		Not more than 15 persent of the samples must either: (a) Contain more than 200 bacteria per	
		milliliter, as determined by the standard	
		(35□C) agar plate count; or (b) Show positive	
		test (confirmed test) for coliform organisms in	
		any of the five 10 milliliter portionsof a sample	
		or more than 1.0 coliform organisms per 50 milliliter if the membrane filter test is used.	
3-505	Water Quality Chemical Testing Frequency	Inilililiter if the membrane litter test is used.	
3 303	Trace Quality Officialist resulting respectively		
3-505.1	FAC or bromine, and PH shall be tested at all AQUATIC VENUES prior to opening each day	NEW REQUIREMENT NOT FOUND IN	NEW
	or at least once every 24 hours at evenly spaced intervals when the AQUATIC VENUE	CURRENT NAC 444	REQUIREMENT
0.505.0	remains open 24 hours a day. [NEW]	NEW DEOLUDEMENT NOT FOUND IN	NIEVA/
3-505.2	For all AQUATIC VENUES not associated with residential living units, the FAC (or bromine) and PH shall be tested prior to opening and every four (4) hours while accessible to	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT
	BATHERS. [NEW]	CORRENT NAC 444	REQUIREIVIENT
3-505.3	In-line ORP readings, if such systems are installed, shall be recorded at the same time	NEW REQUIREMENT NOT FOUND IN	NEW
0 000.0	the FAC (or bromine) and PH tests are performed. [NEW]	CURRENT NAC 444	REQUIREMENT
3-505.4	Total Alkalinity (TA) and combined available chlorine shall be tested weekly at all	NEW REQUIREMENT NOT FOUND IN	NEW
	AQUATIC VENUES. [NEW]	CURRENT NAC 444	REQUIREMENT
3-505.5		NEW REQUIREMENT NOT FOUND IN	NEW
(A)	CYA shall be tested 24 hours after the addition of CYA to the AQUATIC VENUE.	CURRENT NAC 444	REQUIREMENT
(B)	If AQUATIC VENUES utilize stabilized CHLORINE as its primary disinfectant, the operator shall test CYA every week. [NEW]		
3-505.6	For heated AQUATIC VENUES, water temperature shall be recorded at the same time the	NEW REQUIREMENT NOT FOUND IN	NEW
	FAC (or bromine) and PH tests are performed. [NEW]	CURRENT NAC 444	REQUIREMENT
3-505.7	If in-line electrolytic chlorinators are used, salt levels shall be tested at least	NEW REQUIREMENT NOT FOUND IN	NEW
	weekly or per manufacturer's instructions. [NEW]	CURRENT NAC 444	REQUIREMENT
3-505.8	Copper and silver shall be tested daily at all AQUATIC VENUES utilizing copper/silver	NEW REQUIREMENT NOT FOUND IN	NEW
3-506	systems as a SUPPLEMENTAL DISINFECTION SYSTEM. [NEW]  Water Clarity	CURRENT NAC 444	REQUIREMENT
3-506	water Clarity		
3-506.1	The water in an AQUATIC VENUE shall be sufficiently clear such that the main suction outlet	NAC 444.148 Quality of water.	REWORDED TO
	pattern is visible while the water is static at all times the AQUATIC VENUE is open or	5. The water must have sufficient clarity at all	MIRROR MAHC
	available for use.	times so that the pattern of the main drain in any	
		pool is clearly visible from the walk at the deep	
		end. Failure to meet this requirement constitutes a ground for the immediate closing of the facility.	
3-506.2	This reference point shall be visible at all times at any point on the DECK up to 30	NEW REQUIREMENT NOT FOUND IN	NEW
	feet away in a direct line of sight from the main drain. For SPAS, this test shall be	CURRENT NAC 444	REQUIREMENT
	performed when the water is in a non-turbulent state and bubbles have been allowed to dissipate. [NEW]		
3-507	Water Supply and Disposal	See section 2-905.3	REWORDED FOR
	All provisions for water supply, fill spout, cross-connection control, sanitary waste and		LANGUAGE
	pool waste water must meet all criteria outlined in Section 2-9 with the exception of		CONSISTENCY

Į.	PROPOSED 2017 SOUTHERN NEVADA HEALTH DISTRICT AQUATIC FACILITY REGULATIONS	CURRENT - NEVADA ADMINISTRATIVE CODE 444	TYPE OF OR REASON FOR CHANGE
	providing a sump pit for pool waste water on aquatic facilities constructed prior to the adoption of these Regulations and Section 2-905.3.		
3-6	Decks and Equipment		
3-601	Spectator Areas		
3-601.1	BACKFLOW prevention devices shall be in good working order, and shall be tested as required by the HEALTH AUTHORITY. [NEW]	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT
(A) (B) (C)	Materials / Slip Resistance Surfaces shall be clean and in good repair. The finish and profile of DECK surfaces shall be maintained to prevent slips and falls. Tripping hazards shall be avoided. If tripping hazards are present, they shall be repaired or promptly barricaded to protect PATRONS and employees. The PERIMETER DECK shall be maintained clear of obstructions for at least a four (4) foot width around the entire POOL unless otherwise allowed by these Regulations.	NAC 444.134 Decks  4. The deck must have a slip-resistant surface that can be cleaned by hosing and causes no discomfort to bare feet.  NAC 444.134 Decks.  1. Except as otherwise provided in this subsection and in NAC 444.196 and 444.1995, a clear, unobstructed deck must be provided around the entire perimeter of a pool. In no case may the width of the deck be less than 4 feet (1.2 meters). A deck may be obstructed for a distance equal to not more than 10 percent of the perimeter of the pool if:  (a) The design of the obstruction does not endanger the health or safety of persons using the pool;  (b) An unobstructed area of deck not less than 4 feet wide is provided around or through the obstruction not more than 15 feet (4.55 meters) from the edge of the pool; and  (c) Written approval for the obstruction is obtained from the health authority before	REWORDED TO MIRROR MAHC  REWORDED TO MIRROR MAHC
3-602	Starting Blocks	construction or installation of the obstruction.	
3-602.1	Starting platforms shall only be used for competitive swimming and training. NEW	NEW REQUIREMENT NOT FOUND IN	NEW
		CURRENT NAC 444	REQUIREMENT
3-602.2	Starting platforms shall only be used under the direct supervision of a coach or instructor. [NEW]	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT
3-602.3	Starting platforms shall be removed, if possible, or prohibited from use during all recreational or non-competitive swimming activity by covering platforms with a manufacturer-supplied platform cover or with another means or device that is readily visible and clearly prohibits use. <a href="[NEW]">[NEW]</a>	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT
3-603	Lifeguard and Safety Related Equipment		
3-603.1	AQUATIC FACILITIES shall not be open to PATRONS unless the equipment listed under this Section is present and in a safe and working condition. [NEW]	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT

	PROPOSED 2017 SOUTHERN NEVADA HEALTH DISTRICT AQUATIC FACILITY REGULATIONS	CURRENT - NEVADA ADMINISTRATIVE CODE 444	TYPE OF OR REASON FOR CHANGE
3-603.2 (A) (1) (2) (3)	SAFETY Equipment Required at All AQUATIC FACILITIES The AQUATIC FACILITY shall have equipment for staff to communicate in cases of emergency. The AQUATIC FACILITY or each AQUATIC VENUE, as necessary, shall have a functional telephone or other communication system or device that is hard wired and capable of directly dialing 911 or function as the emergency notification system. The telephone or communication system or device shall be conspicuously provided and accessible to AQUATIC VENUE users such that it can be reached immediately. Alternate functional systems, devices, or communication processes are allowed with HEALTH AUTHORITY approval in situations when a hardwired telephone is not logistically sound, and an alternate means of communication is available.	NAC 444.268 Posting information on artificial respiration and emergency services.  Diagrammatic illustrations of artificial respiration procedures must be posted at all public bathing or swimming facilities where they are clearly visible from the nearby deck and protected from the elements. Except as otherwise provided in this section, the location and telephone number of the nearest ambulance, hospital, fire or police rescue service, physician and facility operator must be kept similarly posted together with instructions that, in case of need, manual or mouth-to-mouth artificial respiration should be started immediately and continued until a physician arrives or mechanical resuscitators are applied. A telephone must be located in the vicinity of the pool enclosure, but outside of the enclosure. In lieu of the emergency telephone numbers described in this section, the number for the emergency 911 service may be posted if that emergency service is available in the geographical area of the public bathing or swimming facility.	REWORDED TO MIRROR MAHC
	LIFEGUARD STATIONS shall have an unobstructed view of the entire bottom of the AQUATIC VENUE.	NAC 444.132 Chairs for lifeguards.  3. The chairs must be located to provide a clear, unobstructed view of the bottom of the pool in the area of surveillance.	REWORDED TO MIRROR MAHC
	LIFEGUARD stands shall provide enough height to elevate the LIFEGUARD to an eye level above the heads of the BATHERS; and provide safe access and egress for the LIFEGUARD.	NAC 444.132 Chairs for lifeguards.  1. Each pool must have at least one elevated lifeguard chair. This shall be presumed to be adequate for 2,000 square feet (185.8 square meters) of pool surface area with an additional lifeguard chair being provided for each additional area of 2,000 square feet (185.8 square meters) or major fraction thereof.  2. If a pool is provided with more than one lifeguard chair and the pool width is 40 feet (12.2 meters) or more, chairs must be located on each side of the pool.	REWORDED TO MIRROR MAHC
3-603.5 (A) (1) (2) (B)	LIFEGUARD Chair and Stand Design The chairs/stands must be designed: With no sharp edges or protrusions; With sturdy, durable, and UV resistant material. When a chair or stand is provided, it shall be equipped with overhead protection from or in a location without direct sun exposure or glare to allow for optimal bather surveillance.  [NEW]	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT
3-603.6	First Aid Supplies	NAC 444.266 Lifesaving equipment.	REWORDED TO MIRROR MAHC

	PROPOSED 2017 SOUTHERN NEVADA HEALTH DISTRICT AQUATIC FACILITY	CURRENT - NEVADA ADMINISTRATIVE	TYPE OF OR
	REGULATIONS	<u>CODE 444</u>	REASON FOR
(A) (B) (1) (2) (3) (4) (5) (a) (b)	The AQUATIC FACILITY with onsite staff shall have designated locations for emergency and first aid equipment. An adequate supply of first aid supplies shall be continuously stocked.  Signage shall be provided at the AQUATIC FACILITY or each AQUATIC VENUE, as necessary, which clearly identifies the following:  First aid location(s), and  Emergency telephone(s) or APPROVED communication system or device.  A permanent sign providing emergency dialing directions and the AQUATIC FACILITY address shall be posted and maintained at the emergency telephone, system or device.  A permanent sign shall be conspicuously posted and maintained displaying contact information for emergency personnel and AQUATIC FACILITY management.  A sign shall be posted stating the following:  The operating hours of the AQUATIC FACILITY, and  Unauthorized use of the AQUATIC FACILITY outside of these hours is prohibited.	4. Every public bathing or swimming facility and natural bathing place must be equipped with:  (a) A standard first-aid kit, filled, ready for use and readily accessible for emergency use; and  (b) Two or more blankets reserved for emergency use.  NAC 444.268 Posting information on artificial respiration and emergency services.  Diagrammatic illustrations of artificial respiration procedures must be posted at all public bathing or swimming facilities where they are clearly visible from the nearby deck and protected from the elements. Except as otherwise provided in this section, the location and telephone number of the nearest ambulance, hospital, fire or police rescue service, physician and facility operator must be kept similarly posted together with instructions that, in case of need, manual or mouth-to-mouth artificial respiration should be started immediately and continued until a physician arrives or mechanical resuscitators are applied. A telephone must be located in the vicinity of the pool enclosure, but outside of the enclosure. In lieu of the emergency telephone numbers described in this section, the number for the emergency service is available in the geographical area of the public	CHANGE
3-603.7	Safety Equipment Required at Facilities with Lifeguards	bathing or swimming facility.  NAC 444.266 Lifesaving equipment.	REWORDED TO
(A) (B)	At least one spinal injury board constructed of material easily SANITIZED/disinfected shall be provided. The board shall be equipped with a head immobilizer and sufficient straps to immobilize a person to the spinal injury board.  Each LIFEGUARD conducting BATHER surveillance with the responsibility of in-water rescue in less than three (3) feet of water shall have a rescue tube immediately available for use.	Not less than one unit of lifesaving equipment must be provided at every public bathing or swimming facility or natural bathing place. One unit of lifesaving equipment consists of:     (a) A rescue tube or a ring buoy with a minimum outside diameter of 20 inches (50 centimeters) to	MIRROR MAHC
(C)	Each LIFEGUARD conducting BATHER surveillance in a water depth of three (3) feet or	which there must be attached a length of 1/4-inch	
(D)	greater shall have a rescue tube on his/her person in a rescue ready position.  LIFEGUARDS shall wear attire that readily identifies them as members of the AQUATIC FACILITY'S LIFEGUARD staff.	(0.6-centimeter) rope, not less than 1 1/2 times the maximum width of the pool or swimming area; and	
(E)	A whistle or other signaling device shall be worn by each LIFEGUARD conducting BATHER surveillance for communicating to PATRONS and/or staff.	(b) A life pole or shepherd's crook type of pole with minimum handle length of 12 feet (3.7	
(F)	Personal protective devices including a resuscitation mask with one-way valve and non-latex one-use disposable gloves shall be immediately available to all LIFEGUARDS.	meters). 2. One unit is presumed to be adequate for 2,000	
(G) (H)	AQUATIC FACILITIES with one LIFEGUARD shall provide and maintain a U.S. Coast Guard-approved aquatic rescue throwing device.  AQUATIC FACILITIES with one LIFEGUARD shall provide and maintain a 12 ft – 16 ft reaching pole.	square feet (185.8 square meters) of pool or swimming area, and one additional unit must be provided for each additional 2,000 square feet	

	PROPOSED 2017 SOUTHERN NEVADA HEALTH DISTRICT AQUATIC FACILITY REGULATIONS	CURRENT - NEVADA ADMINISTRATIVE CODE 444	TYPE OF OR REASON FOR CHANGE
		(185.8 square meters), or major fraction thereof of pool or swimming area.  3. Lifesaving equipment must be mounted in conspicuous places, distributed around the edge of the pool or swimming area, at lifeguard chairs or elsewhere, ready for use, its function plainly marked and kept in repair and ready condition. Bathers or others must not be permitted to tamper with lifesaving equipment, use it for any purpose other than its intended use or remove it from its established location.	
3-603.8 (A)	Safety Equipment and Signage Required at Facilities without Lifeguards AQUATIC VENUES whose depth exceeds two (2) feet of standing water shall provide and maintain a U.S. Coast Guard-approved aquatic rescue throwing device, with at least a 1/4 inch thick rope whose length is 50 feet or 1.5 times the width of the POOL, whichever is less. The rescue throwing device shall be located in the immediate vicinity to the AQUATIC VENUE and be visible and accessible to BATHERS. AQUATIC VENUES whose depth exceeds two (2) feet of standing water shall provide and	NAC 444.266 Lifesaving equipment.  1. Not less than one unit of lifesaving equipment must be provided at every public bathing or swimming facility or natural bathing place. One unit of lifesaving equipment consists of:  (a) A rescue tube or a ring buoy with a minimum outside diameter of 20 inches (50 centimeters) to	REWORDED TO MIRROR MAHC
(C) (D)	maintain a reaching pole of 12 feet to 16 feet in length, non-telescopic, light in weight, and with a securely attached Shepherd's Crook with an aperture of at least 18 inches. The reaching pole shall be located in the immediate vicinity to the AQUATIC VENUE and be visible and accessible to BATHERS and PATRONS.  Cardiopulmonary Resuscitation (CPR) posters that are up to date with the latest CPR programs and protocols shall be posted conspicuously at all times.  A sign shall be posted outlining the IMMINENT HEALTH HAZARDS, which require an AQUATIC	which there must be attached a length of 1/4-inch (0.6-centimeter) rope, not less than 1 1/2 times the maximum width of the pool or swimming area; and (b) A life pole or shepherd's crook type of pole with minimum handle length of 12 feet (3.7 meters).	
(E) (1)	VENUE or AQUATIC FACILITY closure as defined in these Regulations and a telephone number to report problems to the OWNER/operator.  For any AQUATIC VENUE with standing water, a sign shall be posted signifying a LIFEGUARD is not on duty in four (4) inch lettering and that the following rules apply:  Persons under the age of 14 cannot be in the AQUATIC VENUE without direct adult supervision meaning children shall be in adult view at all times, and	2. One unit is presumed to be adequate for 2,000 square feet (185.8 square meters) of pool or swimming area, and one additional unit must be provided for each additional 2,000 square feet (185.8 square meters), or major fraction thereof of pool or swimming area.	
(2)	Youth and childcare groups, training activities, lifeguard courses, and swim lessons are not allowed without a LIFEGUARD providing BATHER surveillance.	3. Lifesaving equipment must be mounted in conspicuous places, distributed around the edge of the pool or swimming area, at lifeguard chairs or elsewhere, ready for use, its function plainly marked and kept in repair and ready condition. Bathers or others must not be permitted to tamper with lifesaving equipment, use it for any purpose other than its intended use or remove it from its established location.  NAC 444.268 Posting information on artificial respiration and emergency services.  Diagrammatic illustrations of artificial respiration procedures must be posted at all public bathing or swimming facilities where they are clearly visible from the nearby deck and protected from the elements. Except as otherwise provided in this	

	PROPOSED 2017 SOUTHERN NEVADA HEALTH DISTRICT AQUATIC FACILITY REGULATIONS	CURRENT - NEVADA ADMINISTRATIVE CODE 444	TYPE OF OR REASON FOR CHANGE
3-603.9 (A) (B)	Spa Specific Signage - the following signs must be posted at all SPAS: Extended exposure to HOT WATER OF VAPORS may be detrimental to the health of elderly persons and persons with heart conditions, diabetes, or high or low blood pressure. Children 12 years or younger must be supervised by an adult, the maximum recommended exposure time for such children to use the spa is 10 minutes. Posted in four (4) inch letters.	section, the location and telephone number of the nearest ambulance, hospital, fire or police rescue service, physician and facility operator must be kept similarly posted together with instructions that, in case of need, manual or mouth-to-mouth artificial respiration should be started immediately and continued until a physician arrives or mechanical resuscitators are applied. A telephone must be located in the vicinity of the pool enclosure, but outside of the enclosure. In lieu of the emergency telephone numbers described in this section, the number for the emergency 911 service may be posted if that emergency service is available in the geographical area of the public bathing or swimming facility.  NAC 444.276 Notices when lifeguards not provided.  If no lifeguard service is provided, a warning sign must be placed in plain view for all bathers and must state "Warning - No Lifeguard on Duty" with clearly legible letters, at least 4 inches (10 centimeters) in height. In addition, the sign must state "Children Under 14 Years Old Should Not Use Facility Without An Adult in Attendance," and "Solo Bathing is Prohibited."  NAC 444.524 Heater and temperature requirements.  2. Signs must be posted which state that: EXTENDED EXPOSURE TO HOT WATER OR VAPORS MAY BE DETRIMENTAL TO THE HEALTH OF ELDERLY PERSONS AND PERSONS WITH HEART CONDITIONS, DIABETES, OR HIGH OR LOW BLOOD PRESSURE.  NAC 444.526 Safety requirements.  4. A sign with at least 4-inch letters on a contrasting background must be posted near the spa which indicates that children 12 years of age or younger must be supervised by an adult and that the maximum recommended time for such children to use the spa is 10 minutes.	REWORDED TO MIRROR MAHC
3-604	Enclosures		
3-604.1	All required ENCLOSURES shall be maintained to prevent unauthorized entry to the protected space.	NAC 444.136 Barriers; exclusion of unauthorized persons.  1. Provision must be made to exclude unauthorized persons from any pool or pool area.	REWORDED TO MIRROR MAHC

<u>!</u>	PROPOSED 2017 SOUTHERN NEVADA HEALTH DISTRICT AQUATIC FACILITY REGULATIONS	CURRENT - NEVADA ADMINISTRATIVE CODE 444	TYPE OF OR REASON FOR CHANGE
		A pool must be surrounded by a fence, wall, building or other barrier that completely encloses the pool area and otherwise complies with the requirements of this section. No part of a pool enclosure may be used for common foot traffic.	
	All primary public access gates or doors serving as part of an ENCLOSURE shall have functional self-closing and self-latching closures.	NAC 444.136 Barriers; exclusion of unauthorized persons. 6. Any gate or door that opens into the pool area: (a) Must be equipped with permanent locking devices and self-closing and positive self-latching mechanisms. Self-closing and self-latching mechanisms must be located not less than 3 1/2 feet above the ground. (b) Must self-close and positively self-latch from any open position.	REWORDED TO MIRROR MAHC
	Gates or doors used solely for after-hours maintenance shall remain locked at all times when not in use by authorized staff. [NEW]	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT
3-7	Chemical Storage and Use		
3-701	Chemical Storage		
3-701.1	Chemical storage and handling shall be in compliance with applicable law.	NAC 444.182 Disinfectants: Handling; storage; toxicity.  2. Adequate facilities for storing chemicals must be provided at all public bathing or swimming facilities. Chemicals must be stored in accordance with the instructions of the manufacturer or, in the absence of such instructions, as directed by the health authority.	REWORDED TO MIRROR MAHC
3-701.2	Storage, handling and use of each chemical shall be in compliance with the manufacturer's SDS and labels. [NEW]	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT
3-701.3	AQUATIC VENUE chemicals shall be stored to prevent access by unauthorized individuals.  [NEW]	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT
3-702	Chemical Handling		
	Containers of chemicals shall be labeled, tagged, or marked with the identity of the material and a statement of the hazardous effects of the chemical according to OSHA and/or EPA materials labeling requirements. [NEW]	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT
	Chemicals shall be measured using a dedicated measuring device where applicable.  These measuring devices shall be clean, dry, and constructed of material compatible with the chemical to be measured to prevent the introduction of incompatible chemicals.  [NEW]	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT
3-702.3 (A)	Chemical Addition Methods DISINFECTION and PH control chemicals shall be automatically introduced through the RECIRCULATION SYSTEM.	NAC 444.182 Disinfectants: Handling; storage; toxicity. (NRS 439.200, 444.070)  1. The hand dosing of disinfectant or the introduction of disinfectant at a public bathing or	REWORDED TO MIRROR MAHC

	PROPOSED 2017 SOUTHERN NEVADA HEALTH DISTRICT AQUATIC FACILITY REGULATIONS	CURRENT - NEVADA ADMINISTRATIVE  CODE 444	TYPE OF OR REASON FOR CHANGE
(1) (2) (B) (1) (2) (3)	Superchlorination or shock chemicals and other chemicals other than disinfection and pH control may be added manually to the AQUATIC VENUE.  Chemicals added manually directly into the AQUATIC VENUE shall only be introduced in the absence of BATHERS.  Chemicals shall be diluted (or mixed with water) prior to application and as per the manufacturer's directions.  Chemicals shall be added to water when diluting as opposed to adding water to a concentrated chemical.  Each chemical shall be mixed in a separate, labeled container.  Two or more chemicals shall never be mixed in the same dilution water. [NEW]	swimming facility by means other than through a chemical feeder which has been approved by the health authority is not permitted except for superchlorination, superbromination or for bringing the residual of the disinfectant up to required levels when the facility is closed. No swimmers may use the facility until the residual of the disinfectant has dropped to the level required by NAC 444.148. 4. If the water in a facility cannot be maintained at a pH of 7.0 to 8.0, equipment for the feeding of chemicals to maintain the required pH must be provided. Equipment and piping used to apply chemicals to the water must be of such size, design and material that they may be cleaned and be free from clogging. All material used for such equipment and piping must be resistant to the action of the chemicals to be used	CHANGE
3-8	Hygiene Facilities	in them.	
3-801	Plumbing Fixture Requirements		
3-801.1	HYGIENE FACILITY fixtures, dressing area fixtures, and furniture shall be cleaned and SANITIZED as often as necessary with an EPA-REGISTERED product to provide a clean and sanitary environment. [NEW]	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT
3-801.2	HYGIENE FACILITY floors, walls, and ceilings shall be kept clean and free of visible mold and mildew. [NEW]	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT
3-801.3 (A) (B) (C) (D)	HAND WASH STATIONS shall include the following items: Hand wash sink, Adjacent soap dispenser, Hand drying device or paper towels and dispenser, and Trash receptacle. [NEW]	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT
	CLEANSING SHOWERS  CLEANSING SHOWERS shall be cleaned and SANITIZED as often as necessary with an EPA- REGISTERED product to provide a clean and sanitary environment. [NEW]	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT
3-801.5 (A) (B) (C) (D) (E)	RINSE SHOWERS RINSE SHOWERS shall be cleaned as necessary with an EPA-REGISTERED product to provide a clean and sanitary environment. RINSE SHOWERS shall be easily accessible. Equipment and furniture on the DECK shall not block access to RINSE SHOWERS. Soap dispensers and soap shall be prohibited at RINSE SHOWERS. RINSE SHOWER drains shall discharge to the sanitary sewer according to applicable law. [NEW]	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT
3-801.6 (A)	Non-Plumbing Fixture Requirements If paper towels are used for hand drying, a dispenser and paper towels shall be provided for use at HAND WASH STATIONS.	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT

	PROPOSED 2017 SOUTHERN NEVADA HEALTH DISTRICT AQUATIC FACILITY REGULATIONS	CURRENT - NEVADA ADMINISTRATIVE CODE 444	TYPE OF OR REASON FOR CHANGE
(B) (C) (D)	Soap dispensers shall be provided at HAND WASH STATIONS and CLEANSING SHOWERS and shall be kept full of liquid or granular soap. Bar soap shall be prohibited.  A minimum of one hands-free trash receptacle shall be provided in areas adjacent to hand washing sinks. Trash receptacles shall be emptied daily and more often if necessary to provide a clean and sanitary environment  Non-permanent floor coverings shall be removable and maintained in accordance with Section 3-801.1. Wooden racks, duckboards, and wooden mats shall be prohibited on HYGIENE FACILITY and dressing area flooring. [NEW]		
(	Sharps A) A Biohazard Action Plan shall also be on file as required by local, state or federal regulations and included as part of the AQUATIC FACILITY SAFETY PLAN.  Sharps within approved containers shall be disposed of as needed by the AQUATIC FACILITY in accordance with applicable law. [NEW]	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT
3-802	Provision of Suits, Towels, and Shared Equipment		
3-802.1	All towels provided by the AQUATIC FACILITY shall be washed with detergent and bleach in warm water, rinsed, and thoroughly dried at the warmest temperature listed on the fabric label after each use. Non-absorbent, easily cleanable receptacles shall be provided for collection of used suits and towels.	NAC 444.284 Swimming suits and towels.  1. Swimming suits and towels furnished by the management, unless sent to a public laundry, must be washed with hot water and soap or detergent, rinsed and thoroughly dried and sterilized by heat each time they are used, or an equivalent, approved process must be used.	REWORDED TO MIRROR MAHC
3-802.2	Equipment provided by the AQUATIC FACILITY that comes into contact with BATHER'S eyes, nose, ears, and mouth (including but not limited to snorkels, nose clips, and goggles) shall be cleaned, SANITIZED between uses, and stored in a manner to prevent biological growth. [NEW]	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT
3-802.3	Other shared equipment provided by the AQUATIC FACILITY, including but not limited to fins, kickboards, tubes, lifejackets, and noodles, shall be kept clean and stored in a manner to prevent mold and other biological growth. [NEW]	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT
3-802.4	Shared equipment shall be maintained in good repair. [NEW]	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT
3-802.5	Used and un-SANITIZED shared equipment shall be kept separate from cleaned and SANITIZED shared equipment.	NAC 444.284 Swimming suits and towels. 2. Clean swimming suits and towels must not be permitted to come in contact with unwashed suits and towels or be stored on shelves or in baskets which have been used for storing dirty swimming suits and towels.	REWORDED TO MIRROR MAHC
3-802.6	Non-absorbent, easily cleanable receptacles shall be provided for collection of used shared equipment. [NEW]	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT
3-9	Special Use Aquatic Venues and Features		
3-901	Waterslide		
3-901.1	Signage Warning signs shall be posted in accordance with manufacturer's recommendations.	NAC 444.1974 Water slides: Posting notice of prohibited conduct.	REWORDED TO MIRROR MAHC

Ī	PROPOSED 2017 SOUTHERN NEVADA HEALTH DISTRICT AQUATIC FACILITY REGULATIONS	CURRENT - NEVADA ADMINISTRATIVE CODE 444	TYPE OF OR REASON FOR CHANGE
		The operator of a water slide shall post one or more warning signs at the entrance to the facility. Each sign must state that the following types of conduct are prohibited within the facility:  1. Running, standing, kneeling, rotating, tumbling or stopping in any flume or tunnel.  2. Horseplay.  3. Diving or flipping while exiting from a flume.  4. Use of the slide while under the influence of alcohol or drugs.  5. Use of a flume by more than one person at a time.  6. Failure to obey the instructions of the top pool supervisor or the lifeguard.  7. Failure to keep hands inside the flume while using the slide.  8. Failure to leave the landing pool promptly after exiting from the slide.  9. The possession of any glass, bottle or food in or near any pool.  10. Entry into an area of grass or other vegetation.  11. The possession of any toy or can.  12. The use of any clothing on the slide other than the usual swimwear.  13. Wearing any comb, bracelet, watch or other jewelry.  14. Failure to shower before using the slide.	
3-902	Wave Pool	,	
	Life Jackets U.S. Coast Guard-approved life jackets that are properly sized and fitted shall be provided free for use by BATHERS who request them.	NAC 444.1985 Wave pools. 6. Life jackets must be provided free for use by bathers who request them.	REWORDED TO MIRROR MAHC
3-903	Moveable Floors		
3-903.1	Platforms The use of starting platforms in the area of a MOVEABLE FLOOR shall be prohibited when the water depth is shallower than the minimum required water depth of four (4) feet. [NEW]	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT
	Diving Boards When a MOVEABLE FLOOR is installed into a DIVING POOL, diving shall be prohibited unless the DIVING POOL depth meets criteria set in Section 2-602.1. [NEW]	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT
3-904	Bulkheads		
	If a BULKHEAD is operated with an open area underneath, no one shall be allowed to swim beneath the BULKHEAD. [NEW]	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT
3-904.2	The BULKHEAD position shall be maintained such that it cannot encroach on any required clearances of other features such as diving boards. [NEW]	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT

	PROPOSED 2017 SOUTHERN NEVADA HEALTH DISTRICT AQUATIC FACILITY REGULATIONS	CURRENT - NEVADA ADMINISTRATIVE CODE 444	TYPE OF OR REASON FOR CHANGE
3-905	Interactive Water Play Aquatic Venues		
3-905.1	Cracks in the INTERACTIVE WATER PLAY AQUATIC VENUE shall be repaired when they may be a potential for leakage, present a tripping hazard, a potential cause of lacerations, or impact the ability to properly clean and maintain the INTERACTIVE WATER PLAY AQUATIC VENUE area. [NEW]	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT
3-907.2	When cleaning the INTERACTIVE WATER PLAY AQUATIC VENUE contaminants shall be removed or washed to the sanitary sewer. If no sanitary sewer drain is available, then debris shall be directed to the nearest DECK drain or removed in a manner that prevents contaminants from reentering the INTERACTIVE WATER PLAY AQUATIC VENUE. [NEW]	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT
3-906	Spas		
	SPA filtration systems shall be operated 24 hours per day except for periods of draining, filling, and maintenance. [NEW]	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT
	SPAS shall be drained, cleaned, scrubbed, and water replaced as needed to maintain water quality and water clarity requirements. [NEW]	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT
3-906.3	SPA surfaces, including interior of SKIMMERS, shall be scrubbed or wiped down, and all water drained prior to refill. [NEW]	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT
3-907	Natural Bathing Places		
3-907.1	Warning signs must be posted at each end of the designated bathing area, "No Lifeguard Service Beyond This Point."	NAC 444.246 Notices and markers. 3. Signs must be placed at the ends of each beach to define the area within which bathing is allowed and lifesaving facilities furnished. The sign "No Lifeguard Service Beyond This Point" must be installed at each end of the beach.	REWORDED TO PROVIDE LANGUAGE CONSISTENCY
3-907.2	Conveniently located trash receptacles must be provided. These receptacles must be emptied as needed and maintained in a sanitary condition.	NAC 444.248 Required facilities. 2. Conveniently located rubbish containers must be provided. These containers must be emptied whenever necessary and be kept in a sanitary condition.	REWORDED TO PROVIDE LANGUAGE CONSISTENCY
3-907.3	At least one LIFEGUARD and elevated chair shall be provided for every 400 feet of beach.	NAC 444.250 Lifeguards. 1. There must be at least one lifeguard on duty for each 400 feet (122 meters) of beach front or major fraction thereof.	REWORDED TO PROVIDE LANGUAGE CONSISTENCY
3-907.4	Water samples shall be submitted to a state-licensed laboratory each week. Such samples must meet the following criteria: E. coli at a geometric of 126 CFU per 100 mL and an STV (single test value) of 410 CFU per 100 mL measured using EPA Method 1603, or any other equivalent method that measures E. coli. [NEW]	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT
	Failure to meet any of the criteria noted in Section 2-10012.1(B)-(F) shall result in the immediate closure of the NATURAL BATHING PLACE. [NEW]	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT
3-908	Isolation and Floatation Units		
3-908.1	The maximum bathing load in a tank is one person.	NAC 444.207 Isolation and flotation tanks. 2. The maximum bathing load in a tank is one person.	REWORDED TO MIRROR MAHC

	PROPOSED 2017 SOUTHERN NEVADA HEALTH DISTRICT AQUATIC FACILITY REGULATIONS	CURRENT - NEVADA ADMINISTRATIVE CODE 444	TYPE OF OR REASON FOR CHANGE
	The solution in the tank must be disinfected by normal chlorination or bromination at 3.0 to 5.0 PPM.	NAC 444.207 Isolation and flotation tanks. 3. The solution in the tank must be disinfected by normal chlorination or bromination at 3.0 to 5.0 ppm.	REWORDED TO MIRROR MAHC
3-908.3	The maximum temperature of the solution in the tank must not exceed 97°F.	NAC 444.207 Isolation and flotation tanks. 5. The maximum temperature of the solution in the tank must not exceed 95F (35C).	REWORDED TO MIRROR MAHC
(A) (B) (C) (D)	Each room must have the following signs provided:  Maximum water depth.  BATHER behavior.  Location of the emergency phone and emergency telephone number(s).  Diagrammatic CPR instructions.	NAC 444.207 Isolation and flotation tanks. 4. Notices must be posted in the vicinity of the tank in the manner and with the information required by NAC 444.530.	REWORDED TO MIRROR MAHC
3-908.5	The QUALIFIED OPERATOR information must be posted in a conspicuous location within the AQUATIC FACILITY.	REGULATIONS Governing the Certificationin Clark County 7.5 The pool permit holder shall promptly post in a conspicuous place at each pool location serviced by a pool operator a legible sign which identifies the pool operator, including name, phone number, and the operator's certificate number issued by the enforcing agency.	REWORDED TO MIRROR MAHC
SECTIO	ON 4 POLICIES AND MANAGMENT		
The p	Qualified Operator Requirement rovisions of this Section shall apply to all AQUATIC FACILITIES covered by these Regulations of when constructed, unless otherwise noted.	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT
bloodborn	byees assigned to roles which have the potential for an occupational exposure to e pathogens, pathogens that cause RWIs, or other pathogens shall be trained to and respond to body fluid (blood, feces, vomit) releases in and around the AQUATIC VENUE		
4-101	Qualified Operator Qualification, Certification, and Registration		
4-101.1 (A)	A QUALIFIED OPERATOR of an AQUATIC FACILITY shall have completed a training course that is recognized by the HEALTH AUTHORITY and maintain current certification as required by the HEALTH AUTHORITY.  A QUALIFIED OPERATOR shall have a current certificate or written documentation	REGULATIONS Governing the Certificationin Clark County Certification of Companies, Technicians, and Technician Apprentices 2.1 No Swimming Pool Service Company,	REWORDED TO MIRROR MAHC
(1)	acceptable to the HEALTH AUTHORITY showing completion of a training course.  Originals or copies of such certificate or documentation shall be available on site for inspection by the HEALTH AUTHORITY for each QUALIFIED OPERATOR employed at or contracted by the site, as specified in these Regulations.	technician, or technician apprentice shall engage in providing pool services at a public pool without first having obtained a certificate issued by the enforcing agency.	
(2)	Originals shall be made available upon request by the HEALTH AUTHORITY.	2.1.1 The certificate of each Swimming Pool Service Company, technician, and technician apprentice shall expire twenty-four (24) months from the date of issuance. 2.1.2 An applicant for a certification and an applicant for renewal of a certificate shall pay the	

<u> </u>	PROPOSED 2017 SOUTHERN NEVADA HEALTH DISTRICT AQUATIC FACILITY REGULATIONS	CURRENT - NEVADA ADMINISTRATIVE CODE 444	TYPE OF OR REASON FOR CHANGE
4-101.2 (A)	Operator Registration A QUALIFIED OPERATOR shall register with the HEALTH AUTHORITY once a certification is obtained and prior to beginning work at any AQUATIC FACILITY or with any POOL COMPANY.	fee indicated on the appropriate fee schedule established by the enforcing agency.  2.1.3 To allow an initial grace period for the filing of applications and issuance of certificates, the foregoing prohibition shall not be operative until the 30th day following the effective date of these regulations. If the application for certification or renewal is not made within 30 days after the effective date of these regulations or expiration of the certificate, an applicant for certification and an applicant for renewal shall also pay an additional fee equal to 100% of the prescribed application fee.  2.2 Subject to the exception listed in 2.2.1, no employee or owner of a swimming pool service company shall provide pool services at a public pool without certification from the enforcing agency as a swimming pool service technician, or swimming pool service technician apprentice. An examination administered by the enforcing agency must be taken and passed within thirty (30) days from the date of application.  2.2.1 A licensed contractor or qualified member of a trade union or trade organization may perform pool services at a public pool within the scope of the licensed contractor's or trade union member's qualifications.  REGULATIONS Governing the Certificationin Clark County Current Proof of Certification	REWORDED TO MIRROR MAHC
(B)	All QUALIFIED OPERATORS currently registered with the HEALTH AUTHORITY shall obtain proof of national certification from a recognized testing entity at the time of their registration renewal within three years from the adoption of these Regulations. Registrations will expire in conjunction with the national certification date and must be renewed prior to expiration.	10.1 All persons providing pool services at a public pool shall carry current proof of certification while providing pool services and shall show such proof of certification to any interested person.  10.2 Current proof of certification shall consist of	
(C) (D)	Individuals not properly certified or registered may not perform service at a permitted AQUATIC FACILITY. All services provided must be in accordance with these Regulations. The QUALIFIED OPERATOR is responsible for maintaining the AQUATIC VENUE in accordance with these Regulations. If a defect or deficiency is discovered at an AQUATIC VENUE that presents a risk to PATRONS, it is the QUALIFIED OPERATOR'S responsibility to close the	an unaltered and unexpired photo identification card issued by the enforcing agency which has the person's name, signature, and type of certification, certificate number, and expiration date.	
4-101.3 (A)	AQUATIC VENUE until the required repairs have been made.  Registration of Pool Companies  All pool companies who provide service to permitted AQUATIC VENUES must be registered with the HEALTH AUTHORITY and provide a current list of all registered person in their employ within 30 days of any changes in personnel. Registrations will expire two years after the date of issuance and must be renewed prior to expiration.	REGULATIONS Governing the Certificationin Clark County Requirements for Swimming Pool Service Company Certification 3.1 The enforcing agency shall issue a certificate if the company meets the following requirements:	REWORDED TO MIRROR MAHC

	PROPOSED 2017 SOUTHERN NEVADA HEALTH DISTRICT AQUATIC FACILITY	CURRENT - NEVADA ADMINISTRATIVE	TYPE OF OR
	REGULATIONS	<u>CODE 444</u>	REASON FOR CHANGE
(B)	The AQUATIC FACILITY shall promptly post in a conspicuous location within each ENCLOSURE at an AQUATIC FACILITY where services are provided by a POOL COMPANY, a legible sign which identifies the company name, phone number, and the company certificate number issued by the HEALTH AUTHORITY.	3.1.1 The company does not permit any person acting on behalf of the company to perform pool services at a public pool who does not possess valid certification as a swimming pool service	
(C)	The AQUATIC FACILITY shall promptly remove the POOL COMPANY sign when the POOL COMPANY is no longer providing services.	technician or swimming pool service technician apprentice or who has not filed an application with	
(D) (1)	The AQUATIC FACILITY shall ensure each POOL COMPANY has current proof of certification while providing POOL services. Proof of certification shall consist of an unaltered and unexpired photo identification card issued by the HEALTH AUTHORITY which has the: Person's name,	the enforcing agency for certification as a swimming pool service technician or swimming pool service technician apprentice. 3.1.2 The company's application is accompanied	
(2) (3) (4)	Type of certification, Certificate number, and Expiration date.	by proof that the owner or at least one person employed by the company has been certified as a swimming pool service technician by the enforcing agency pursuant to these regulations.  Personnel Change	
		Each company subject to the requirements of these regulations shall notify the enforcing agency in writing of any changes in the list of persons who perform pool services at a public pool on behalf of the company, including their certification status, within five days of any such change.	
4-101.4	4 Required Servicing Equipment The following list of equipment must be available for use by each QUALIFIED OPERATOR	REGULATIONS Governing the Certificationin Clark County	REWORDED TO MIRROR MAHC
(A) (1)	when providing service to a permitted AQUATIC VENUE: Water Quality Testing Devices (WQTDs) which can reliably measure: Disinfectant residual,	3.1.3 The company has available for the use of each person who will perform pool services at a public pool the following items:	
(2) (3) (4)	PH, Total alkalinity, Acid demand, and	3.1.3.1 Test kits which can reliably measure disinfectant residual, pH, total alkalinity, calcium hardness, acid demand, and cyanuric acid	
(5) (B) (C)	Cyanuric acid concentration; A brush suitable for cleaning the bottom of the POOL; A thermometer;	concentration; 3.1.3.2 A brush suitable for cleaning the bottom of the pool;	
(D) (E) (F)	A vacuum cleaner, complete with attachments; A leaf SKIMMER; Hand tools and lubricants necessary for servicing mechanical equipment incident to	3.1.3.3 A thermometer; 3.1.3.4 A vacuum cleaner, complete with attachments;	
(G)	swimming POOLS and their appurtenances; Materials and chemicals necessary for disinfecting POOL water and adjusting total alkalinity and PH; and	3.1.3.5 A leaf skimmer; 3.1.3.6 Hand tools and lubricants necessary for servicing mechanical equipment incident to	
(H)	Any other equipment deemed necessary by the HEALTH AUTHORITY.	swimming pools and their appurtenances; 3.1.3.7 Materials and chemicals necessary for disinfecting pool water and adjusting total alkalinity and pH; and 3.1.3.8 Any other equipment deemed necessary by the enforcing agency.	
4-101.	5 Contractors A licensed contractor may perform work at an AQUATIC FACILITY within the scope of the licensed contractor's qualifications.	REGULATIONS Governing the Certificationin Clark County	REWORDED TO MIRROR MAHC

<u> </u>	PROPOSED 2017 SOUTHERN NEVADA HEALTH DISTRICT AQUATIC FACILITY REGULATIONS	CURRENT - NEVADA ADMINISTRATIVE CODE 444	TYPE OF OR REASON FOR CHANGE
		Certification of Companies, Technicians, and Technician Apprentices  2.2.1 A licensed contractor or qualified member of a trade union or trade organization may perform pool services at a public pool within the scope of the licensed contractor's or trade union member's qualifications.	
4-101.6	Qualified Operator Training Courses must be in accordance with the criteria outlined in the most current MAHC published by the CDC.		REPLACES EXISTING TESTING REQUIREMENTS
4-2	Lifeguard Training		
4-201	Lifeguard and Attendant Qualifications		
4-201.1 (A) (B) (C) (D)	A LIFEGUARD shall: Have successfully completed a recognized LIFEGUARD training course offered by a recognized training agency; Possess a current certificate for such training; Have met all pre-service requirements; and Participate in continuing in-service training requirements of the AQUATIC FACILITY.	NAC 444.274 Qualifications, duties and identification of lifeguards. (NRS 439.200, 444.070, 444.115)  1. Lifeguards at a public bathing or swimming facility must have satisfactorily completed a Red Cross Advanced Lifesaving Course or the equivalent.	REWORDED TO MIRROR MAHC
4-201.2	Lifeguard Training Courses must be in accordance with the criteria outlined in the most current MAHC published by the CDC.	NAC 444.274 Qualifications, duties and identification of lifeguards. (NRS 439.200, 444.070, 444.115)  1. Lifeguards at a public bathing or swimming facility must have satisfactorily completed a Red Cross Advanced Lifesaving Course or the equivalent.	REWORDED TO PROVIDE LANGUAGE CONSISTENCY
4-201.3 (A) (B)	An ATTENDANT shall: Possess a current certification for CPR and First Aid; and Be trained by the employer to identify and correct safety hazards specific to the assigned attraction.	NAC 444.1944 Qualifications of attendants. (NRS 439.200, 444.070, 444.115) Except as otherwise provided in NAC 444.274, each attendant employed at a water recreation attraction must be:  1. Certified by the Red Cross or an equivalent organization in first aid and cardiopulmonary resuscitation; and  2. Otherwise trained to deal with safety hazards related to the particular attraction at which the attendant is employed.	REWORDED TO PROVIDE LANGUAGE CONSISTENCY
4-202	Lifeguard Supervisor Training		
4-202.1 (A) (B) (C)	LIFEGUARD SUPERVISOR Candidate Prerequisites LIFEGUARD SUPERVISOR candidate prerequisites shall include but not be limited to: Current LIFEGUARD certification; Having a current LIFEGUARD SUPERVISOR Certification; and Ability to effectively communicate verbally in English.	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT

4-3 Facility Staffing  4-301 Qualified Operator Requirements and Availability	
4-301 Qualified Operator Requirements and Availability	
4-301.1 All AQUATIC VENUES must have a QUALIFIED OPERATOR contracted or employed to monitor and maintain the AQUATIC VENUE whenever the facility is operating.  NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT
4-301.2 The AQUATIC FACILITY'S QUALIFIED OPERATOR must be available to respond to an emergency or IMMANENT HEALTH HAZARD within two hours.  NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT
4-301.3  QUALIFIED OPERATORS SHALL MONITOR THE FOOL WEEKLY during the off season, a minimum of three (3) times per week during the peak season, or more as necessary to maintain compliance with these Regulations.  (A) Weekly visits shall be documented and be available at the AQUATIC FACILITY for review by the HEALTH AUTHORITY.  (B) The written documentation shall indicate the checking, MONITORING, and testing required in these Regulations.  (C) The written documentation shall indicate what corrective actions, if any, were taken by the contracted off-site QUALIFIED OPERATOR during the scheduled visits or assistance requests.  (D) All AQUATIC FACILITIES with on-site staff and without a full time on-site QUALIFIED OPERATOR shall have a designated on-site responsible PERSON.  (E) The RESPONSIBLE PERSON shall:  (1) Determine when the AQUATIC FACILITY or individual AQUATIC VENUE should be closed, and quickly execute proper closing procedures;  (2) Not make adjustments or perform any maintenance at the AQUATIC VENUE; and  (3) Contact the contracted off-site QUALIFIED OPERATOR immediately following AQUATIC VENUE should be closed, and a quickly execute proper closing procedures;  (a) Weekly visits shall be documented and be available at the AQUATIC VENUE; and Contact the contracted off-site QUALIFIED OPERATOR immediately following AQUATIC VENUE should be closed, and a quickly execute proper closing procedures;  (b) The ambility of an attural bathing place:  (c) The approximate amount of fresh water a daily;  (d) The daily attendance;  (e) The approximate amount of fresh water a daily;  (d) The daily water temperature;  (e) The results of chemical and bacteriologic tests;  (f) The time and date of emptying and cleani any pool or backwashing filters;  (g) Recirculation operating time;  (h) The names of all attendants; and  (i) Any other information which the health authority.	REWORDED TO MIRROR MAHC  nust alified and of its alith  eng or nust at all endility added  all ang

	PROPOSED 2017 SOUTHERN NEVADA HEALTH DISTRICT AQUATIC FACILITY REGULATIONS	CURRENT - NEVADA ADMINISTRATIVE CODE 444	TYPE OF OR REASON FOR CHANGE
(A) (1) (2) (3) (4) (5) (6) (7) (8) (9) (10)	All AQUATIC VENUES with standing water and any of the following conditions listed in this Section shall be required to have a LIFEGUARD(s) conducting BATHER surveillance at all times the AQUATIC VENUE is open.  A LIFEGUARD shall be required for any of the following conditions: Any POOL that allows unsupervised children under the age of 14 years; Any POOL while it is being used for the recreation of youth groups, including but not limited to childcare usage or school groups; Any POOL while it is being used for group training including but not limited to competitive swimming and/or sports, LIFEGUARD training, exercise programs, and swimming lessons; Any POOL with a surface area of at least 2000 square feet,  (a) AQUATIC VENUES jointly owned by all residents in a development or a homeowner's association do not require a LIFEGUARD(s), but must have a written procedure for supervision of BATHERS approved by the HEALTH AUTHORITY prior to being issued a permit to operate,  (b) A LIFEGUARD must be provided if the number of patrons exceeds 80 percent of the THEORETICAL PEAK OCCUPANCY; Any POOL ENCLOSURE with a cumulative unsupervised POOL surface area of 4000 square feet or more; Any POOL with an induced current or wave action including but not limited to WAVE POOLS and LAZY RIVERS; WATERSLIDE LANDING POOLS; Any POOL in which BATHERS enter the water from any height above the DECK including but not limited to diving boards, DROP SLIDES, starting platforms, and/or climbing walls; Any POOL that charges an admission fee including a fee charged for the use of poolside amenities that includes the use of the POOL; or Any POOL not associated with multiple living or lodging units.	NAC 444.270 Presence of lifeguards.  1. Except as otherwise provided in subsection 2, any public bathing or swimming facility, except an isolation and flotation tank, spray pool, or a mineral bath, therapeutic pool or similar facility, must have a lifeguard on duty when the facility is open for use unless it is a swimming pool and all of the following conditions are met:  (a) The pool is operated solely for and in conjunction with a hotel, motel or other place of lodging, or a trailer park, apartment, condominium or other facility containing multiple dwellings.  (b) The pool has a surface area of less than 2,000 square feet (185.8 square meters).  (c) There is no fee charged, whether direct or indirect, for the use of the pool.  (d) The use of the pool is limited to the registered guests, tenants or residents of the place of lodging or facility containing multiple dwellings and their guests.  2. Except as otherwise provided in this subsection, lifeguards are not required for a swimming pool that is not open to the general public and is owned jointly by all the residents of a development or by a homeowner's association in which all of the members are residents. The owners of such a pool shall submit to the health authority written procedures for the supervision of bathers. The health authority must approve the procedures in writing before an operating permit for the pool may be issued. A lifeguard must be on duty if the number of people in such a pool exceeds 80 percent of the maximum number of people allowed in the pool.	REWORDED TO MIRROR MAHC
4-303	Safety Plan		
4-303.1 (A) (B) (C) (D) (E)	All AQUATIC FACILITIES shall create and implement a SAFETY PLAN to include, but not be limited to the following elements: Staffing Plan, EMERGENCY ACTION PLAN (EAP), Biohazard action plan, Pre-Service Training Plan, and In-service Training Plan.	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT
	When LIFEGUARDS are required, a Lifeguard Staffing Plan shall be submitted to the HEALTH AUTHORITY for approval prior to opening. The plan shall include diagrammed zones of BATHER surveillance for each AQUATIC VENUE such that:	NAC 444.272 Number of lifeguards required. If lifeguard service is provided at a public bathing or swimming facility, the number of lifeguards must be adequate to maintain continuous	REWORDED TO MIRROR MAHC

	PROPOSED 2017 SOUTHERN NEVADA HEALTH DISTRICT AQUATIC FACILITY REGULATIONS	CURRENT - NEVADA ADMINISTRATIVE CODE 444	TYPE OF OR REASON FOR CHANGE
(A)	At least one LIFEGUARD shall be required for every 2000 square feet or major fraction thereof, unless an independent lifeguard auditing entity provides documentation supporting a reduced number of LIFEGUARDS;	surveillance over the bathers. At no time may there be fewer lifeguards than guard stations if there are more than 75 persons bathing or	
(B)	The LIFEGUARD is capable of viewing the entire area of the assigned zone of BATHER surveillance;	swimming at the facility.  NAC 444.132 Chairs for lifeguards.	
(C)	The LIFEGUARD is able to reach the furthest extent of the assigned zone of BATHER surveillance within 20 seconds;	Each pool must have at least one elevated lifeguard chair. This shall be presumed to be	
(D)	Identify whether the LIFEGUARD is in an elevated stand, walking, in-water and/or other APPROVED position;	adequate for 2,000 square feet (185.8 square meters) of pool surface area with an additional	
(E) (F) (G)	Additional responsibilities for each zone as identified; and All areas of each AQUATIC VENUE are assigned a zone of BATHER surveillance. Any modifications to the APPROVED LIFEGUARD plan must be submitted and APPROVED by the HEALTH AUTHORITY prior to implementation.	lifeguard chair being provided for each additional area of 2,000 square feet (185.8 square meters) or major fraction thereof.  2. If a pool is provided with more than one lifeguard chair and the pool width is 40 feet (12.2 meters) or more, chairs must be located on each side of the pool.  3. The chairs must be located to provide a clear, unobstructed view of the bottom of the pool in the area of surveillance.	
4-303.3 (A) (B)	The Lifeguard Staffing Plan shall include the following: Identification of all zones of BATHER surveillance at the AQUATIC FACILITY; Description of methods used for maintaining coverage of the zone of BATHER surveillance during LIFEGUARD rotation; and	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT
(C) (1)	Staffing rotation schedule which provides an alternation of tasks such that no LIFEGUARD conducts BATHER surveillance activities for more than 60 continuous minutes.  Alternation of tasks includes a period of non-PATRON surveillance activity such as taking		
	a break, conducting maintenance, station rotation or conducting ride dispatch.		
4-303.4	The Lifeguard Staffing Plan shall include LIFEGUARD supervision protocols to achieve the requirements of Section 4-304.3.	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT
4-303.5 (A) (B) (C)	LIFEGUARDS shall be trained on and receive a copy of the EAP that is posted and always available at the AQUATIC FACILITY, as well as the following policies and procedures: Zone of BATHER Surveillance Plan, Rotation Plan, Minimum Staffing Plan, and	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT
(D)	Rescue/First Aid Response plan.		
	The RESPONSIBLE PERSON(s) with CPR/AED and first aid training shall present unexpired certificate(s) maintained on site and available for review at the time of inspection.	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT
4-303.7	Any modifications to the APPROVED Lifeguard Staffing Plan must be submitted and APPROVED by the HEALTH AUTHORITY prior to implementation.	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT
4-304	Staff Management		
	Prior to use of any AQUATIC VENUE, the AQUATIC FACILITY shall provide staff required per the provisions of the SAFETY PLAN as stated in Section 4-303.1.	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT
4-304.2 (A) (B)	RESPONSIBLE PERSON duties shall include but not be limited to: Enforcing the AQUATIC FACILITY rules and regulations by interfacing with PATRONS; Respond to reported emergencies;	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT

	PROPOSED 2017 SOUTHERN NEVADA HEALTH DISTRICT AQUATIC FACILITY REGULATIONS	CURRENT - <b>NEVADA ADMINISTRATIVE</b> CODE 444	TYPE OF OR REASON FOR CHANGE
(C)	Identify health and safety hazards and take action to mitigate or avoid the hazard;		
(D) (E)	Know where the PPE is located and use it when required; and Interface with the HEALTH AUTHORITY related to the requirements of these Regulations.		
	Lifeguard Staff	NAC 444.274 Qualifications, duties and	REWORDED TO
(A)	Where LIFEGUARDS are used, the AQUATIC FACILITY shall provide, prior to opening the AQUATIC FACILITY to the public, the minimum number of LIFEGUARDS and staff required per the provisions of the SAFETY PLAN such that:	<ul><li>identification of lifeguards.</li><li>2. Lifeguards must be in full charge and must have the authority to enforce all rules and</li></ul>	MIRROR MAHC
(1)	All zones of BATHER surveillance are staffed during operation;	regulations pertaining to sanitation and safety.	
(2)	Zones of BATHER surveillance for individual AQUATIC VENUES not open for use, must also be staffed unless an effective means is provided to restrict and monitor access to the AQUATIC VENUE;	Lifeguards on duty must not be subject to duties which will interfere with their supervision of bathers.	
(3)	Rotations can be conducted while all zones are staffed;	Lifeguards shall wear distinguishing suits or	
(4)	LIFEGUARD SUPERVISOR is present; and	emblems, so that they may be easily identified by	
(5)	Additional PERSON(s) to rapidly respond to an emergency to help the initial rescuer are present.	persons using the facility.	
(B)	LIFEGUARD responsibilities shall include but not be limited to:		
(1)	Monitor BATHERS within the zone of BATHER surveillance responsibility;		
(2)	Enforce facility rules;		
(3)	Respond to emergencies including water rescue, CPR, AED use, and First Aid;		
(4)	Identify health and safety hazards and take action to mitigate or avoid the hazard;		
(5)	Maintain skills at a test-ready proficiency level;		
(6) (7)	Wear the identifying uniform;		
(7)	If needed for effective BATHER surveillance, wear corrective eyewear and/or wear polarized sunglasses;		
(8)	Know where PPE is located and use it when required.		
(C)	LIFEGUARDS assigned responsibilities for BATHER surveillance shall not be assigned other		
<b>(D)</b>	tasks that intrude on BATHER surveillance. While conducting BATHER surveillance, LIFEGUARDS shall not engage in social		
(D)	conversations or have on their person or LIFEGUARD STATION cellular telephones, texting		
	devices, music players, or other similar non-emergency electronic devices.		
4-304 4	ATTENDANT Staff	NAC 444.1946 Plan for attendants.	
(A)	ATTENDANT Staff ATTENDANTS are required at each entry and exit point of WATERSLIDES or DROP SLIDES in sufficient numbers to ensure proper dispatching and surveillance of riders.	The operator of each water recreation attraction shall establish a plan for attendants at the	
(B)	Attendants must have a method of communication between the entry attendant and the	attraction and shall submit the plan to the health	
(5)	runout attendant.	authority for review and approval.	
	Tunout attorium.	2. The plan for attendants must:	
		(a) Set forth in detail the manner in which	
		lifeguards and other attendants are to be	
		stationed;	
		(b) Describe training and emergency procedures;	
		(c) Include provisions for back-up attendants in	
		the event of a multiple rescue; and	
		(d) Include any other provisions necessitated by	
		pool depth, wave action, line of sight, bather loads	
		or other special conditions affecting the safety of	
		bathers.	

	PROPOSED 2017 SOUTHERN NEVADA HEALTH DISTRICT AQUATIC FACILITY REGULATIONS	CURRENT - NEVADA ADMINISTRATIVE CODE 444	TYPE OF OR REASON FOR CHANGE
(A) (1) (B) (C) (1) (2) (3) (4)	LIFEGUARD SUPERVISOR Staff AQUATIC FACILITIES that are required to have two or more LIFEGUARDS per the Lifeguard Staffing Plan's zone of BATHER SURVEILLAND ENDING THE LIFEGUARD SUPERVISOR WITH THE LIFEGUARD SUPERVISOR who meets the requirement of Section 4-303.2 shall have at least one person located at the AQUATIC FACILITY during operation designated as the LIFEGUARD SUPERVISOR who meets the requirement of Section 4-202. One of the LIFEGUARDS may be designated as the LIFEGUARD SUPERVISOR in addition to fulfilling the duties of LIFEGUARD. LIFEGUARD SUPERVISOR duties shall not interfere with the primary duty of BATHER SURVEIllance. LIFEGUARD SUPERVISOR responsibilities shall include but not be limited to: Monitor performance of LIFEGUARDS in their zone of BATHER SURVEIllance responsibility; Ensure the rotation is conducted in accordance with the Lifeguard Staffing Plan; Coordinate staff response and BATHER care during an emergency; Identify health and safety hazards and communicate to staff and management to mitigate or avoid the hazard; and Ensure the required equipment per Section 3-603 is in place and in good condition.	3. Any significant change in the plan for attendants must be submitted to the health authority for review and approval before it is put into effect.  NAC 444.1976 Water slides: Precautions for safety.  1. At all times while a water slide is open for use, an attendant must be on duty at each splash pool or slide runout. The attendant shall serve as the safety director of the slide. In that capacity, he or she shall control crowds, keep bathers moving through the pool or runout in an orderly fashion, and control any unsafe behavior in the lower flumes, in the pool or runout, or on the decks near the base of the slide.  2. At all times while the slide is open for use, an attendant must be on duty at each entrance to a flume. The attendant shall control bathers near the entrance, regulate the departure of each bather down the slide and control any unsafe behavior in the upper flumes.  3. Radio communication between the flume entry attendant and the splash pool or slide runout attendant must be provided.  4. Each water slide must have a means to allow the flume entry attendant to monitor the slide exit.  NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	REWORDED TO PROVIDE LANGUAGE CONSISTENCY
4-304.6 (A)	Emergency Action and Communications Plans AQUATIC FACILITIES with required LIFEGUARD staff shall create and maintain an operating procedure manual containing information on the emergency response and communications plan including an EAP, Facility Evacuation Plan, and Inclement Weather Plan.	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT

	PROPOSED 2017 SOUTHERN NEVADA HEALTH DISTRICT AQUATIC FACILITY REGULATIONS	CURRENT - NEVADA ADMINISTRATIVE CODE 444	TYPE OF OR REASON FOR CHANGE
(B)	A written EAP shall be developed, maintained, and updated as necessary for the		
(C)	AQUATIC FACILITY.  The written EAP shall be kept at the AQUATIC FACILITY and available for emergency		
(0)	personnel and/or the HEALTH AUTHORITY upon request.		
(D)	The EAP shall include at a minimum:		
(1)	A diagram of the AQUATIC FACILITY;		
(2)	A list of emergency telephone numbers;		
(3)	The location of first aid kit and other rescue equipment (bag valve mask, AED, if provided, backboard, etc.);		
(4)	An emergency response plan for accidental chemical release; and		
(5)	A fecal/vomit/blood CONTAMINATION RESPONSE PLAN as outlined in Section 4-501.		
(E)	A written Facility Evacuation Plan shall be developed and maintained for the AQUATIC FACILITY. This plan shall include, at a minimum:		
(1)	Actions to be taken in cases of drowning, serious illness or injury, chemical handling		
	accidents, weather emergencies, and other serious incidents; and		
(2)	Defined roles and responsibilities for all staff.		
(F)	A communication plan shall exist to facilitate activation of internal emergency response		
(G)	centers and/or community 911/EMS as necessary. The AQUATIC FACILITY shall have a contingency/response plan for localized weather		
(6)	events that may affect their operation (i.e., lightning, high winds, etc.).		
4-304.7		NEW REQUIREMENT NOT FOUND IN	NEW
(A)	Lifeguard-based remote safety MONITORING systems shall not replace the need for	CURRENT NAC 444	REQUIREMENT
	LIFEGUARDS. Remote safety MONITORING systems may be used to aid the operation but		
	not as a substitute for LIFEGUARDS or ATTENDANTS when critical areas such as blind spots		
	in an AQUATIC VENUE or area of a SLIDE are visually obstructed or otherwise cannot be		
	viewed by a LIFEGUARD OF ATTENDANT.		
(B)	QUALIFIED OPERATOR-based remote water quality MONITORING systems shall not be a		
(C)	substitute for manual water quality testing of the AQUATIC VENUE.  When LIFEGUARD OF QUALIFIED OPERATOR-based remote MONITORING SYSTEMS are used,		
(C)	AQUATIC FACILITY staff shall be trained on their use, limitations, and communication and		
	response protocols for communications with the MONITORING group.		
4-304.8	Employee Illness and Injury Policy	NEW REQUIREMENT NOT FOUND IN	NEW
(A)	LIFEGUARD SUPERVISORS shall not permit employees who are ill with diarrhea to enter the	CURRENT NAC 444	REQUIREMENT
	water or perform in a LIFEGUARD role.		
(B)	LIFEGUARD SUPERVISORS shall not permit employees with open wounds in the water or in		
	a LIFEGUARD role unless they have healthcare provider approval or wear a waterproof, occlusive bandage to cover the wound.		
4-4	Facility Management		
4-401	Operations		
4-401.1	Operations Manual	NEW REQUIREMENT NOT FOUND IN	NEW
(A)	Each AQUATIC FACILITY shall develop an operations manual to keep at the AQUATIC	CURRENT NAC 444	REQUIREMENT
1	FACILITY in either a printed or electronic format that is readily available for review during		
	inspection.		
(B)	The manual shall at minimum include, but not be limited to, the following items:		
(1)	AQUATIC VENUE and AQUATIC FEATURE description(s) and locations;		

	PROPOSED 2017 SOUTHERN NEVADA HEALTH DISTRICT AQUATIC FACILITY REGULATIONS	CURRENT - <b>NEVADA ADMINISTRATIVE</b> CODE 444	TYPE OF OR REASON FOR CHANGE
(2) (3) (4) (5) (6) 4-401. (A) (1) (2)	Facility communication; List of chemicals and system information; Fecal/vomit and body fluid contamination response protocols; Preventive maintenance plan; and Any other standard operation and maintenance policies and instructions or applicable information for each AQUATIC VENUE and AQUATIC FEATURE at the facility.	NAC 444.264 Records.  1. A written record of all data pertaining to the operation and sanitation of each public bathing or swimming facility and natural bathing place must be maintained by the management and kept at all times available to the health authority.  2. The operator shall initial the record and the record must include, as appropriate for the facility or bathing place:  (a) The daily attendance;  (b) The amounts of various chemicals used daily;  (c) The approximate amount of fresh water added daily;  (d) The daily water temperature;  (e) The results of chemical and bacteriological tests;	REASON FOR
4-401.	3 Safety and Maintenance Inspection and Recordkeeping	(f) The time and date of emptying and cleaning any pool or backwashing filters; (g) Recirculation operating time; (h) The names of all attendants; and (i) Any other information which the health authority may require from time to time. NAC 444.522 Records.  1. A written record of all data pertaining to the operation and sanitation of a public spa must be maintained by the management and made available to the health authority at all times. 2. This record must include: (a) Amounts of various chemicals used daily; (b) The approximate amount of water added each day; (c) A daily check of water temperature; (d) Results of chemical tests for pH and chlorine; (e) Date on which the spa was emptied or the filters were cleaned; (f) Flowmeter readings; (g) Names of all attendants; and (h) Any other information which the health authority requires.  NEW REQUIREMENT NOT FOUND IN	NEW
- <del>-</del>	Carety and Maintenance inspection and recordineeping	CURRENT NAC 444	REQUIREMENT

		CURRENT - NEVADA ADMINISTRATIVE	TYPE OF OR
	PROPOSED 2017 SOUTHERN NEVADA HEALTH DISTRICT AQUATIC FACILITY REGULATIONS	<u>CODE 444</u>	REASON FOR
	13-60-131-13		CHANGE
(A)	The QUALIFIED OPERATOR OF RESPONSIBLE PERSON shall ensure a daily AQUATIC FACILITY		
(4)	preventive maintenance inspection is done before opening which includes:		
(1)	Walkways/DECK and exits are clear, clean, free of debris; Drain covers, vacuum fitting covers, SKIMMER equalizer covers, and any other suction		
(2)	outlet covers are in place, secure, and unbroken;		
(3)	Skimmer baskets, weirs, lids, flow adjusters, and suction outlets are free of any		
(0)	blockage;		
(4)	INLET and return covers and any other fittings are in place, secure, and unbroken;		
(5)	Safety warning signs and other signage are in place and in good repair;		
(6)	Safety equipment required by these Regulations are in place and in good repair,		
	including emergency instructions and phone numbers;		
(7)	Entrapment prevention systems are operational;		
(8)	Recirculation, DISINFECTION systems, controller(s), and probes are operating as required;		
(9)	SECONDARY and/or SUPPLEMENTAL DISINFECTION SYSTEMS are operating as required;		
(10)	Underwater lights and other lighting are intact with no exposed wires or water in lights;		
(11)	Slime and biofilm has been removed from accessible surfaces of AQUATIC VENUES, SLIDES, and other AQUATIC FEATURES;		
(12)	Doors to nonpublic areas (CHEMICAL STORAGE SPACES, offices, etc.) are locked;		
(12)	First aid supplies are stocked;		
(14)	Emergency communication equipment and systems are operational;		
(15)	Fecal/vomit/blood incident contamination response protocols, materials, and equipment		
(,	are available;		
(16)	Water features and amenities are functioning in accordance with the manufacturer's		
	recommendations;		
(17)	ENCLOSURES, gates, and self-latching or other locks are tested, intact, and functioning		
(40)	properly, and ENCLOSURES do not have nearby furniture to encourage climbing;		
(18)	Drinking fountains are clean and in functional condition;		
(19)	Electrical devices are in good working condition and meet NEC requirements;		
(20) (21)	Alarms, if required, are tested and functioning properly; and Assessing water clarity such that the bottom and objects in the POOL are clearly visible.		
(22)	Monthly tests of GFCI devices and emergency phone,		
(23)	Inspections every six months of bonding conductors, where accessible.		
	Water Monitoring and Testing Records	NAC 444.264 Records.	REWORDED TO
	MONITORING and testing records shall include the following:	A written record of all data pertaining to the	MIRROR MAHC
(A)	PH level;	operation and sanitation of each public bathing or	
(B)	Disinfectant residuals;	swimming facility and natural bathing place must	
(C)	Operating pressures of water recirculation pumps and filters or the corresponding flow	be maintained by the management and kept at all	
	rate from flow meter readings;	times available to the health authority.	
(D)	Cyanuric acid levels, if used;	2. The operator shall initial the record and the	
(E)	Maintenance and malfunctioning of equipment, including dates and time of all equipment calibration including WQTDs;	record must include, as appropriate for the facility or bathing place:	
(F)	If heated, AQUATIC VENUE water temperature;	(a) The daily attendance;	
(G)	The time of filter backwash or cleaning;	(b) The amounts of various chemicals used daily;	
(H)	Total alkalinity;	(c) The approximate amount of fresh water added	
(I)	Microbiological testing, if applicable, dates/times samples were taken and results,	daily;	
(J)	Any equipment failure, power outage, or error resulting in the interruption of the	(d) The daily water temperature;	
	circulation, filtration, or disinfection systems for more than one hour;		

	PROPOSED 2017 SOUTHERN NEVADA HEALTH DISTRICT AQUATIC FACILITY REGULATIONS	CURRENT - NEVADA ADMINISTRATIVE CODE 444	TYPE OF OR REASON FOR CHANGE
(K) (1) (L)	The daily attendance at the AQUATIC FACILITY; in POOLS where attendance is not ordinarily recorded, a guest sign in book can be used to track attendance; and SECONDARY DISINFECTION SYSTEMS when required.	(e) The results of chemical and bacteriological tests; (f) The time and date of emptying and cleaning any pool or backwashing filters; (g) Recirculation operating time; (h) The names of all attendants; and (i) Any other information which the health authority may require from time to time. NAC 444.522 Records.  1. A written record of all data pertaining to the operation and sanitation of a public spa must be maintained by the management and made available to the health authority at all times. 2. This record must include: (a) Amounts of various chemicals used daily; (b) The approximate amount of water added each day; (c) A daily check of water temperature; (d) Results of chemical tests for pH and chlorine; (e) Date on which the spa was emptied or the filters were cleaned; (f) Flowmeter readings; (g) Names of all attendants; and (h) Any other information which the health authority requires.	
4-401.5	Staff Certifications on File Copies of all required LIFEGUARD, LIFEGUARD SUPERVISOR, or QUALIFIED OPERATOR certificates shall be maintained at the AQUATIC FACILITY and made available to the HEALTH AUTHORITY, staff, and PATRONS upon request.	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT
(A) (B) (C) (1) (2) (3) (4) (5) (6) (7) (8) (9) (10)	Bodily Fluids Remediation Log A Body Fluid Contamination Response Log shall be maintained to document each occurrence of contamination of the water or its immediately adjacent areas by formed or diarrheal fecal material, stomach discharge of vomit, and blood.  The AQUATIC FACILITY'S standard operating procedures for responding to these contamination incidents shall be readily available for review by the HEALTH AUTHORITY.  The log shall include the following information recorded at the time of the incident:  Person conducting response;  QUALIFIED OPERATOR or on-site RESPONSIBLE PERSON on duty;  Date and time of incident response;  Specific area, if not in the water, contaminated by incident;  BATHER COUNT in the AQUATIC VENUE at the time of incident;  Type and form of body fluid observed e.g., diarrheal or formed stool, vomitus, or blood;  Date and time the area was closed;  Whether the POOL used CHLORINE stabilizer and concentration at time of incident;  Free residual disinfectant and PH levels at the time of incident;  Remediation procedures used after the incident including contact time, if applicable;	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT

	PROPOSED 2017 SOUTHERN NEVADA HEALTH DISTRICT AQUATIC FACILITY REGULATIONS	CURRENT - NEVADA ADMINISTRATIVE CODE 444	TYPE OF OR REASON FOR CHANGE
(11)	Free residual disinfectant and PH level at the time of reopening the AQUATIC VENUE to the		
(12) (13)	public; Stabilizer concentration, if used, at the time of reopening; and Date and time of reopening.		
4-402	Patron-Related Management Aspects		
4-402.1	BATHER COUNT-Maximum Occupancy	NEW REQUIREMENT NOT FOUND IN	NEW
(A)	AQUATIC VENUES shall not exceed the maximum designed THEORETICAL PEAK OCCUPANCY for the individual AQUATIC VENUES as provided in section 2-102.3(E) unless operating under a WAIVER approved in accordance with Section 5-3.	CURRENT NAC 444	REQUIREMENT
(B)	AQUATIC FACILITIES that typically operate with low BATHER OCCUPANCY shall have a plan in place to adjust for potential higher BATHER use. Such plans shall not exceed the maximum designed THEORETICAL PEAK OCCUPANCY for the individual AQUATIC VENUES or the AQUATIC FACILITY.		
	Signage	NAC 444.116 Limitations on depth; signs	REWORDED TO
(A)	The QUALIFIED OPERATOR shall post and enforce the AQUATIC FACILITY rules governing	prohibiting diving.	MIRROR MAHC
(B)	health, safety, and sanitation.  The lettering shall be legible and at least one (1) inch (36 point type) high, with a contrasting background, unless otherwise specified.	4. If a pool is not designed for diving, a sign stating "NO DIVING," in contrasting characters of not less than 4 inches (10.16 centimeters) in	
(C)	Signage shall be conspicuously placed at each entrance to the AQUATIC FACILITY communicating expected and prohibited behaviors and other information using text that complies with the intent of the following information:	height, must be posted.  NAC 444.142 Lighting.  7. If lighting is not provided as required by this	
(1)	In case of an emergency, dial 911 or other emergency instructions;	section, the operator of the facility or natural	
(2)	Hours of operation;	bathing place: (b) Shall post a sign stating "NO	
(3)	THEORETICAL PEAK OCCUPANCY;	SWIMMING, BATHING OR OTHER USE OF	
(4)	Do not swim if you have open wounds;	FACILITY ALLOWED AFTER DARK," in	
(5) (6)	Do not swim if you are ill with diarrhea or have had diarrhea within the past two weeks; Shower before entering the water;	contrasting characters not less than 4 inches (10.16 centimeters) in height, near each entrance	
(7)	No glass items in the AQUATIC VENUE or on the DECK;	to the facility or bathing place.	
(8)	Diaper changing on the DECK is prohibited;	NAC 444.268 Posting information on artificial	
(9)	No animals in the AQUATIC VENUE and no animals on the DECK, except service animals;	respiration and emergency services.	
	and	Diagrammatic illustrations of artificial respiration	
(10)	QUALIFIED OPERATOR information to include name, registration number, and contact	procedures must be posted at all public bathing or	
(D)	information. In addition to signage listed in Section (C), unstaffed AQUATIC FACILITIES shall also include	swimming facilities where they are clearly visible from the nearby deck and protected from the	
(1)	signage messages covering:  No Lifeguard on Duty, in letters at least four (4) inches high;	elements. Except as otherwise provided in this section, the location and telephone number of the	
(2)	Children under 14 years of age must have adult supervision;	nearest ambulance, hospital, fire or police rescue	
(3)	No Solo Bathing; and	service, physician and facility operator must be	
(4)	Hours of operation; AQUATIC FACILITY use prohibited at any other time	kept similarly posted together with instructions	
(a)	AQUATIC FACILITIES without compliant lighting must limit hours of operation from dawn to dusk.	that, in case of need, manual or mouth-to-mouth artificial respiration should be started immediately	
(E)	In AQUATIC FACILITIES not requiring LIFEGUARDS, CPR posters reflecting the latest	and continued until a physician arrives or	
	standards shall be posted conspicuously at all times.	mechanical resuscitators are applied. A telephone	
(F)	Signage shall be conspicuously placed within 30 feet of each entrance to each AQUATIC VENUE communicating expected and prohibited behaviors and other information using	must be located in the vicinity of the pool enclosure, but outside of the enclosure. In lieu of	
	text that complies with the intent of the following information:	the emergency telephone numbers described in	

	PROPOSED 2017 SOUTHERN NEVADA HEALTH DISTRICT AQUATIC FACILITY REGULATIONS	CURRENT - NEVADA ADMINISTRATIVE  CODE 444	TYPE OF OR REASON FOR CHANGE
(1)	No Diving, in letters at least four (4) inches high, as applicable per Section 2-3018.10;	this section, the number for the emergency 911	
(2)	Location of the nearest emergency phone;	service may be posted if that emergency service	
(3)	Maximum BATHER OCCUPANCY;	is available in the geographical area of the public	
(4)	Pollution of AQUATIC VENUE prohibited;	bathing or swimming facility.	
(5)	Do not swallow or spit water;	NAC 444.276 Notices when lifeguards not	
(6)	Intentional hyperventilation or extended breath holding activities are dangerous and prohibited.	provided.  If no lifeguard service is provided, a warning sign	
(G)	In addition to Section (C) requirements, AQUATIC VENUES with moveable bottom floors	must be placed in plain view for all bathers and	
	shall also have the following information or text complying with the intent of the following	must state "Warning - No Lifeguard on Duty" with	
	information:	clearly legible letters, at least 4 inches (10	
(1)	A sign for AQUATIC VENUE water depth in use shall be provided and clearly visible;	centimeters) in height. In addition, the sign must	
(2)	A "No Diving" sign shall be provided; and	state "Children Under 14 Years Old Should Not	
(3)	The floor is movable and AQUATIC VENUE depth varies.	Use Facility Without An Adult in Attendance," and	
(H)	In addition to Section (C) requirements, SPAS shall also have the following information or	"Solo Bathing is Prohibited."	
	text complying with the intent of the following information:	NAC 444.278 Capacity.	
(1)	Maximum water temperature is 104°F;	4. The maximum number of bathers permitted	
(2)	Pregnant women and people with heart disease, high blood pressure or other health	within the pool enclosure must be posted at each	
	problems should not use SPAS without prior consultation with a healthcare provider;	facility. The number must be based on the area of	
(3)	Children under 12 years of age must be accompanied by an adult, the maximum	the facility or on the sanitary facilities which are	
	recommended exposure time for such children is 10 minutes, posted in four (4) inch	provided. The most restrictive regulation applies.	
	lettering; and	NAC 444.280 Bathers: Requirements;	
(4)	Use of the SPA when alone is prohibited (if no LIFEGUARDS on site).	<b>prohibitions.</b> 1. All bathers at a public bathing or	
(I)	Signage shall be posted at the HYGIENE FACILITY exit used to access AQUATIC VENUES	swimming facility shall take a cleansing shower	
	stating or containing information, or text complying with the intent of the following	using warm water and soap and shall thoroughly	
	information:	rinse off all soap suds before entering or	
(1)	Do not swim when ill with diarrhea;	reentering the pool enclosure.	
(2)	Do not swim with open wounds and sores;	Persons not dressed for bathing must not be	
(3)	Shower before entering the water;	allowed in the pool.	
(4)	Check your child's swim diapers/rubber pants regularly;	3. Persons suffering from colds, fever, coughs,	
(5)	Diaper changing on the DECK is prohibited;	sore or inflamed eyes, any skin disease or any	
(6)	Do not poop or pee in the water;	communicable disease or open sores or	
(7)	Do not swallow or spit water; and	bandages must be excluded from the facility.	
(8)	Wash hands before returning to the POOL.	4. Spitting, soiling, or in any way contaminating	
		the water, walkways, or dressing room floors in	
		the facility must be prohibited.	
		5. Except as otherwise provided in NAC 444.288,	
		eating, drinking and smoking within the pool enclosure are prohibited.	
		6. Bringing or throwing into the water or onto	
		walkways any objects that may in any way carry	
		contamination, endanger safety of bathers or	
		produce unsightliness must be prohibited.	
		7. No boisterous or rough play may be permitted	
		in the water, on the walkways, diving boards,	
		floors or platforms, or in the dressing rooms or	
		showers.	
		3110WC13.	

PROPOSED 2017 SOUTHERN NEVADA HEALTH DISTRICT AQUATIC FACILITY REGULATIONS	CURRENT - NEVADA ADMINISTRATIVE CODE 444	TYPE OF OR REASON FOR CHANGE
	8. Persons under the influence of liquor must not be permitted in or about the facility.  9. Public bathing or swimming facilities are for use of people only; animals must be excluded from the pool and enclosure.  NAC 444.524 Heater and temperature requirements. (NRS 439.200, 444.070)  1. Water temperature in a therapy pool must be maintained above 70F (21.11C), and must not be artificially heated above 104F (40.0C).  2. Signs must be posted which state that: EXTENDED EXPOSURE TO HOT WATER OR VAPORS MAY BE DETRIMENTAL TO THE HEALTH OF ELDERLY PERSONS AND PERSONS WITH HEART CONDITIONS, DIABETES, OR HIGH OR LOW BLOOD PRESSURE.  NAC 444.526 Safety requirements.  4. A sign with at least 4-inch letters on a contrasting background must be posted near the spa which indicates that children 12 years of age or younger must be supervised by an adult and that the maximum recommended time for such children to use the spa is 10 minutes.  NAC 444.530 Notices which must be posted. (NRS 439.200, 444.070)  1. Placards directing behavior of bathers must be prominently posted in locker rooms, offices, showers, toilets or elsewhere about the spa enclosure.  2. A sign must be posted in the immediate vicinity of the spa, stating the location of the nearest telephone with the information that emergency telephone numbers are posted on or near the telephone.  3. Emergency telephone numbers must be posted	
	on or near the telephone and must include:  (a) The name and telephone number of the police, fire and rescue unit responsible for serving the	
	spa. (b) The name and telephone number of the nearest available physician. (c) The name and telephone number of the nearest ambulance service. (d) The name and telephone number of the nearest available hospital.	

<u> 1</u>	PROPOSED 2017 SOUTHERN NEVADA HEALTH DISTRICT AQUATIC FACILITY REGULATIONS	CURRENT - NEVADA ADMINISTRATIVE CODE 444	TYPE OF OR REASON FOR CHANGE
		<ul> <li>(e) In lieu of the telephone numbers listed in paragraphs (a) to (d), inclusive, the number for the emergency 911 service if that emergency service is available in the geographical area of the spa.</li> <li>NAC 444.534 Capacity.</li> <li>2. A sign must be posted within the spa area which states the maximum number of people allowed in the spa at one time.</li> </ul>	
4-402.3	Swimmers must wear appropriate attire that is designed and intended for use as swimwear where swimwear is required. Street clothing may not be worn while bathing.	NAC 444.280 Bathers: Requirements; prohibitions. 2. Persons not dressed for bathing must not be allowed in the pool.	REWORDED TO MIRROR MAHC
4-5	Fecal/Vomit/Blood Contamination Response		
4-501	Contamination Response Plan		
4-501.1	All AQUATIC FACILITIES shall have a CONTAMINATION RESPONSE PLAN within the EAP for responding to formed-stool contamination, diarrheal-stool contamination, vomit contamination, and contamination involving blood.	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT
4-501.2	The Response Plan shall be reviewed at least annually and updated as necessary.	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT
4-501.3	The Response Plan shall be kept on site and available for viewing by the HEALTH AUTHORITY.	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT
4-502	Aquatic Venue Water Contamination Response		
4-502.1	Closure In the event of a fecal or vomit contamination in an AQUATIC VENUE, the QUALIFIED OPERATOR shall immediately close the AQUATIC VENUE to swimmers until remediation procedures are complete. This closure shall include the affected AQUATIC VENUE and other AQUATIC VENUES that share the same RECIRCULATION SYSTEM.	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	Consistent with current administrative policies
4-502.2 (A)	Physical Removal Contaminating material shall be removed and disposed of in a sanitary manner. The item used to remove fecal or vomit contamination shall undergo thorough cleaning	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT
(B)	followed by DISINFECTION.  Aquatic vacuum cleaners shall not be used for removal of contamination from the water or adjacent surfaces unless vacuum waste is discharged to a sanitary sewer and the vacuum equipment can be adequately disinfected.		
4-503	Aquatic Venue Water Contamination Treatment and Disinfection		
4-503.1	In the event of a fecal, vomit, or blood contamination incident, the AQUATIC FACILITY shall follow the most recent response guidelines from the CDC, Healthy Swimming Fecal Incident Response Recommendations for Aquatic Staff.	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	Consistent with current administrative policies
	Note: The use of stabilized chlorine or CYA inhibits the effectiveness of the disinfecting agent and may require the draining of an AQUATIC VENUE if the concentration cannot be lowered to 15PPM prior to treatment per guidelines above.		

	PROPOSED 2017 SOUTHERN NEVADA HEALTH DISTRICT AQUATIC FACILITY REGULATIONS	CURRENT - NEVADA ADMINISTRATIVE CODE 444	TYPE OF OR REASON FOR CHANGE
4-504	Surface Contamination Cleaning and Disinfection		
4-504.1	If a bodily fluid, such as feces, vomit, or blood, has contaminated a surface in an AQUATIC FACILITY, facility staff shall limit access to the affected area until remediation procedures have been completed.	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT
4-504.2	Before DISINFECTION, all visible contaminant shall be cleaned and removed with disposable cleaning products effective with regard to type of contaminant present, type of surface to be cleaned, and the location within the facility.	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT
	Contaminant removed by cleaning shall be disposed of in a sanitary manner or as required by law.	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT
4-504.4 (A) (B)	Contaminated surfaces shall be disinfected with one of the following DISINFECTION solutions: A 1:10 dilution of fresh household bleach with water; or An equivalent EPA REGISTERED disinfectant that has been approved for body fluids DISINFECTION.	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT
	The disinfectant shall be left to soak on the affected area for a minimum of 20 minutes or as otherwise indicated on the disinfectant label directions.	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT
4-504.6	Disinfectant shall be removed by cleaning and shall be disposed of in a sanitary manner or as required by the HEALTH AUTHORITY.	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT
SECTI 5-1	Provision for Conditions Not Addressed in these Regulations		
5-101	The HEALTH AUTHORITY shall address conditions when necessary to protect public health and may impose temporary, specific requirements in addition to the requirements specified in these Regulations.	NAC 444.302 Suspension or denial of operating permit. 1. The health authority may order a suspension of an operating permit and may order the owner or operator of a public bathing or swimming facility or natural bathing place to prohibit any person from using it if the health authority finds:  (a) A failure of the equipment, structure, area or enclosure of the facility or bathing place which jeopardizes the health or safety of the persons using or operating it.  (b) That the facility or bathing place lacks properly functioning equipment or proper material for recirculating, treating or testing the water used for swimming or bathing.  (c) A lack of required supervisory personnel or required lifeguards.  (d) That the operator of the facility or bathing place is not maintaining the required water quality.  (e) That the operator does not possess a valid operating permit.  2. The health authority may deny an application for an operating permit if the applicant fails to:	REWORDED TO MIRROR MAHC

	PROPOSED 2017 SOUTHERN NEVADA HEALTH DISTRICT AQUATIC FACILITY REGULATIONS	CURRENT - NEVADA ADMINISTRATIVE CODE 444	TYPE OF OR REASON FOR CHANGE
5-102	The HEALTH AUTHORITY shall document the conditions that necessitate the imposition of	(a) Notify the health authority before construction and completion of the facility; (b) Allow inspection of the facility during or after its construction; or (c) Follow any of the requirements set forth in NRS 444.065 to 444.120, inclusive, and NAC 444.010 to 444.306, inclusive.  NAC 444.304 Order for closure; revocation of	REWORDED TO
	additional requirements and the underlying public health rationale. The documentation shall be provided to the PERMIT applicant or PERMIT HOLDER, and a copy shall be maintained in the HEALTH AUTHORITY'S file for the AQUATIC FACILITY.	suspended permit. 1. If the health authority orders the closing of a public bathing or swimming facility or natural bathing place, the health authority shall issue a written order to the owner or operator of the facility or bathing place, or his or her representative, stating with particularity the reason for the order of closure along with his or her finding that the condition giving rise to the order represents a serious threat to the public health and safety.  2. The order must state that the facility or bathing place is to be closed immediately and must specify the corrective action necessary before the facility or bathing place may be reopened for use.  3. The order must be served upon the owner, operator, representative or a person in charge of the facility or bathing place. The person on whom the order is served shall close the facility or bathing place immediately and shall prohibit any person from using it.  4. If the order is served upon a person whose operating permit is suspended, the health authority may take appropriate action to revoke the operating permit unless the operator:  (a) Closes the facility or bathing place immediately; and  (b) Takes any corrective action required by the order within the time therein specified.	PROVIDE LANGUAGE AND FORMAT CONSISTENCY
5-2	Prerequisites for Operation		
5-201	Permit Requirements A person shall not operate an AQUATIC FACILITY without a valid PERMIT issued by the HEALTH AUTHORITY.	NAC 444.258 Operating permits. 1. No public bathing or swimming facility or natural bathing place may operate unless the operator has applied for and received an operating permit from the health authority.	REWORDED TO PROVIDE LANGUAGE AND FORMAT CONSISTENCY
5-202	Permit Application, Renewals, Transfers, Submission, Conditions, and Content		
5-202.	1 Application and Submission	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT

	PROPOSED 2017 SOUTHERN NEVADA HEALTH DISTRICT AQUATIC FACILITY REGULATIONS	CURRENT - NEVADA ADMINISTRATIVE CODE 444	TYPE OF OR REASON FOR CHANGE
(A)	For new construction and SUBSTANTIAL ALTERATION submittals, documents will be reviewed and a written response outlining any additional information or corrections needed for the plan approval will be provided within 30 business days from the most recent date of submission.		
(B)	If construction has not been initiated within one (1) calendar year from the date of plan approval or if construction halts for one (1) calendar year, the PERMIT may be deleted and require the resubmission of plans and PERMIT application with associated fees prior to resuming construction.		
(C)	WAIVER applications will be reviewed and a written response, outlining any additional information or corrections needed, will be provided within 3 business days from the most recent date of submission.  (1) Rhe applicant must provide requested information within two business days;		
	(2) A final determination will be provided within a total of 10 business days.		
5-202.	2 Conditions	NEW REQUIREMENT NOT FOUND IN	Consistent with
	To qualify for a PERMIT, an applicant shall:	CURRENT NAC 444	current
(A)	Be an OWNER, prospective OWNER, or person legally in charge OWNER designee, or an		administrative
(D)	officer of the legal ownership of the AQUATIC FACILITY;		policies
(B) (C)	Pay the applicable PERMIT fees at the time the application is submitted;		
\-'	Comply with the requirements of these Regulations.  3 Application, Renewal, and Submission	NEW REQUIREMENT NOT FOUND IN	Consistent with
(A)	Applications for an initial, new, or renewal PERMIT must be made on an application form	CURRENT NAC 444	current
(~)	furnished by the HEALTH AUTHORITY.	CONNENT NAC 444	administrative
(B)	All applications must be submitted at least 30 days before:		policies
(C)	The opening date of any aquatic venue or aquatic facility;		policies
(D)	The expiration of any PERMIT; and/or		
(E)	The effective date of a change of ownership.		
(F)	For new construction and SUBSTANTIAL ALTERATIONS, plans will be reviewed and a written		
	response outlining any additional information or corrections needed for the plan approval will be provided to the applicant within 30 business days from the most recent submission date.		
(1)	If from the date of plan approval, construction has not been initiated within one (1) calendar year, or construction halts for one (1) calendar year, the HEALTH AUTHORITY may, in its sole discretion, delete the PERMIT and require the resubmission of plans and a		
	PERMIT application with associated fees prior to resuming construction.		
	4 Contents of the Application	NEW REQUIREMENT NOT FOUND IN	Consistent with
	oplication must include:	CURRENT NAC 444	current
(A)	The name, mailing address, telephone number, and signature of the person applying for the PERMIT.		administrative policies
(B)	The name, mailing address, and physical location of the AQUATIC FACILITY.  If an application is made by a corporation, an LLC, association or partnership, the names		
(C)	of the members or officers and signature of at least one managing member or officer, a contact telephone number, and address shall be provided.		
(D)	Information specifying whether an association, corporation, individual, partnership, or		
(5)	other legal entity owns the AQUATIC FACILITY.		
(E)	The name, title, address, and telephone number of the RESPONSIBLE PERSON for the		
ν-/			
	AQUATIC FACILITY.		

	PROPOSED 2017 SOUTHERN NEVADA HEALTH DISTRICT AQUATIC FACILITY REGULATIONS	CURRENT - NEVADA ADMINISTRATIVE CODE 444	TYPE OF OR REASON FOR CHANGE
(F)	The name, title, address, and telephone number of the person who functions as the immediate supervisor of the RESPONSIBLE PERSON including but not limited to the zone, district, or regional supervisor.		
(G)	Proof of ownership, lease agreement, or other legal document that establishes the standing of the applicant's authority to use the land for the PERMIT purpose.		
(H)	The names, titles, and business addresses of:		
(1)	The legal owners of the physical location of the AQUATIC FACILITY.		
(2)	The local authorized applicant, if one is required, based on the type of legal ownership. Authorization shall be in writing and shall be signed by the OWNER or corporate officer, managing member, or other authorized person.		
(I)	A statement signed by the applicant that:		
(1)	Attests to the accuracy of the information provided in the application; and		
(2)	Affirms that the applicant will:		
(a)	Comply with these Regulations.		
(b)	Allow the HEALTH AUTHORITY access to the establishment and to any records needed to establish compliance with these Regulations.		
(J)	Other information as required by the HEALTH AUTHORITY.		
	Denial of Application for Permit, Notice	NEW REQUIREMENT NOT FOUND IN	Consistent with
If an app	plication for a PERMIT to operate is denied, the HEALTH AUTHORITY shall provide the	CURRENT NAC 444	current
	applicant with a notice which includes the:		administrative
(A)	Specific reasons and regulatory citations for denial of the PERMIT.		policies
(B) (C)	Actions the applicant must take to qualify for a PERMIT.  Applicant's right of appeal and appeal process.		
5-3	Waivers		
5-301	Conditions of Waiver		
	The HEALTH AUTHORITY may grant a WAIVER by modifying or waiving the requirements of	NEW REQUIREMENT NOT FOUND IN	NEW
	these Regulations if, in the opinion of the HEALTH AUTHORITY, public health and safety will not be impacted as a result from the WAIVER.	CURRENT NAC 444	REQUIREMENT
5-301.1	The HEALTH AUTHORITY may impose conditions relating to the prevention of IMMINENT	NEW REQUIREMENT NOT FOUND IN	NEW
	HEALTH HAZARDS, as referenced in section 5-6.	CURRENT NAC 444	REQUIREMENT
5-301.2	If the WAIVER is granted, the PERMIT HOLDER shall comply with all operational plans,	NEW REQUIREMENT NOT FOUND IN	NEW
5-301 3	procedures, and conditions stipulated in the WAIVER.  If a WAIVER is granted, the HEALTH AUTHORITY shall retain the information.	CURRENT NAC 444  NEW REQUIREMENT NOT FOUND IN	REQUIREMENT NEW
3-301.3	in a waiver is granted, the health authority shall retain the information.	CURRENT NAC 444	REQUIREMENT
	Presence of any IMMENENT HEALTH HAZARD may result in an immediate closure.	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT
	Failure to meet any WAIVER condition may result in immediate closure pending revocation of the WAIVER.	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT
5-302	Documentation of Proposed Waiver and Justification		
	An AQUATIC FACILITY seeking a WAIVER shall apply in writing with the appropriate forms to the HEALTH AUTHORITY. The application shall include, but not be limited to:	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT
5-302.1	A statement of the proposed WAIVER of the regulatory requirement citing relevant Regulation section numbers.	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT

	PROPOSED 2017 SOUTHERN NEVADA HEALTH DISTRICT AQUATIC FACILITY REGULATIONS	CURRENT - NEVADA ADMINISTRATIVE CODE 444	TYPE OF OR REASON FOR CHANGE
5-302.2	A statement of how the intent of the Regulations will be met and the reasons why public health and safety would not be jeopardized if the waiver was granted.	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT
5-302.3	An operational plan, if required, that includes information relevant to the WAIVER requested.	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT
5-302.4	Any requested records or documentation required as part of the WAIVER approval.	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT
5-303	Change of Ownership of an Existing Aquatic Facility		
5-303.1	An existing AQUATIC FACILITY, at the time of change of ownership, shall meet the requirements of the following Section prior to issuance of a PERMIT.	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	Consistent with current administrative policies
5-303.2	The HEALTH AUTHORITY may issue a PERMIT to a new OWNER of an existing AQUATIC FACILITY after a properly completed application is submitted, reviewed, and APPROVED, fees are paid, and an inspection is passed.	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	Consistent with current administrative policies
5-303.3	A facility may be required to bring any aspect of the AQUATIC VENUE or AQUATIC FACILITY into compliance with the current Regulations when ownership changes.	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	Consistent with current administrative policies
5-4	Responsibilities		
5-401	Responsibilities of the Health Authority The responsibilities of the HEALTH AUTHORITY include:	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	Consistent with current administrative policies
5-401.1	At the time a PERMIT is first issued, the HEALTH AUTHORITY shall inform the PERMIT HOLDER where a copy of these Regulations may be obtained, and that the PERMIT HOLDER is responsible for compliance with these Regulations.	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	Consistent with current administrative policies
5-401.2	Failure to provide the above information does not prevent the HEALTH AUTHORITY from taking authorized action, or seeking remedies, if the PERMIT HOLDER fails to comply with these Regulations or an order, warning, or directive of the HEALTH AUTHORITY.	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	Consistent with current administrative policies
5-402	Responsibilities of the Permit Holder To retain the PERMIT, the PERMIT HOLDER shall:	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	Consistent with current administrative policies
5-402.1	Post the PERMIT in a location in the AQUATIC FACILITY that is clearly conspicuous to the PATRON upon entering the AQUATIC FACILITY or immediately available upon request.	NAC 444.258 Operating permits. 4. The permit must be posted in a conspicuous place at or near the office of each facility or bathing place. In addition, placards directing the behavior of bathers must be prominently posted in locker rooms, offices, showers, toilets or elsewhere about the facility or bathing place.	REWORDED TO MIRROR MAHC

PROPOSED 2017 SOUTHERN NEVADA HEALTH DISTRICT AQUATIC FACILITY REGULATIONS	CURRENT - NEVADA ADMINISTRATIVE CODE 444	TYPE OF OR REASON FOR CHANGE
5-402.2 Comply with the provisions of these Regulations including the conditions of a granted VARIANCE, APPROVED WAIVER, and APPROVED plans.	NAC 444.302 Suspension or denial of operating permit. 2. The health authority may deny an application for an operating permit if the applicant fails to:  (a) Notify the health authority before construction and completion of the facility;  (b) Allow inspection of the facility during or after its construction; or  (c) Follow any of the requirements set forth in NRS 444.065 to 444.120, inclusive, and NAC 444.010 to 444.306, inclusive.	REWORDED TO PROVIDE LANGUAGE AND FORMAT CONSISTENCY
5-402.3 Immediately discontinue operations and notify the HEALTH AUTHORITY if an IMMINENT HEALTH HAZARD exists.	NAC 444.302 Suspension or denial of operating permit.  1. The health authority may order a suspension of an operating permit and may order the owner or operator of a public bathing or swimming facility or natural bathing place to prohibit any person from using it if the health authority finds:  (a) A failure of the equipment, structure, area or enclosure of the facility or bathing place which jeopardizes the health or safety of the persons using or operating it.  (b) That the facility or bathing place lacks properly functioning equipment or proper material for recirculating, treating or testing the water used for swimming or bathing. (c) A lack of required supervisory personnel or required lifeguards. (d) That the operator of the facility or bathing place is not maintaining the required water quality. (e) That the operator does not possess a valid operating permit.	REWORDED TO MIRROR MAHC
<b>5-402.4</b> Immediately notify the HEALTH AUTHORITY if a drowning, near drowning of water rescue event occurs.	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT
<b>5-402.5</b> Allow representatives of the HEALTH AUTHORITY access to the AQUATIC VENUE or AQUATIC FACILITY upon request.	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	Consistent with current administrative policies
5-402.6 Comply with directives of the HEALTH AUTHORITY, including, but not limited to, time frames for corrective actions specified in inspection reports, supervisory conferences, compliance schedules, notices, orders, warnings, and other directives issued by the HEALTH AUTHORITY concerning the PERMIT HOLDER'S AQUATIC FACILITY or in response to community emergencies.	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	Consistent with current administrative policies
5-402.7 Comply with all applicable federal, state and local governmental requirements as related to the operation of an AQUATIC VENUE or AQUATIC FACILITY. The responsibility of upholding these requirements falls solely on the PERMIT HOLDER, and failure to do so may result in PERMIT suspension or revocation.	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT

Ī	PROPOSED 2017 SOUTHERN NEVADA HEALTH DISTRICT AQUATIC FACILITY REGULATIONS	CURRENT - NEVADA ADMINISTRATIVE CODE 444	TYPE OF OR REASON FOR CHANGE
	Accept notices issued and served by the HEALTH AUTHORITY.	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	Consistent with current administrative policies
5-402.9	Be subject to the administrative, civil, injunctive, and criminal remedies as specified in NRS Chapter 444, for failure to comply with these Regulations or with a directive of the HEALTH AUTHORITY, including but not limited to time frames for corrective actions specified in inspection reports, supervisory conferences, compliance schedules, notices, orders, warnings, and other directives.	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	Consistent with current administrative policies
5-403	Permit Modifications Proposed modifications in the type of operations to be conducted by an AQUATIC FACILITY, must not be allowed unless APPROVED by the HEALTH AUTHORITY. The modification process may include, but not be limited to, submission of a construction application, complete with plans and information describing the proposed modifications in design, equipment, and operations.	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	Consistent with current administrative policies
5-404	Permit Transfer Prohibited A PERMIT may not be transferred from one OWNER to another, from one AQUATIC VENUE or AQUATIC FACILITY to another.		Consistent with current administrative policies
5-5	Enforcement, Inspections		
5-501	Inspection Authority		
5-501.1	Upon presenting proper identification, the HEALTH AUTHORITY, shall have the right of access, entrance, inspection, and investigation of any AQUATIC FACILITY permitted by these Regulations.	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	Consistent with current administrative policies
5-501.1	Upon presenting proper identification, the HEALTH AUTHORITY, shall have the right of access, entrance, inspection, and investigation of any AQUATIC FACILITY permitted by these Regulations.  Unless a QUALIFIED OPERATOR is available onsite all day, keys must be provided to allow	CURRENT NAC 444  NEW REQUIREMENT NOT FOUND IN	current administrative
5-501.1 5-501.2 5-501.3 (A) (B) (C) (D) (E) (F) (G)	Upon presenting proper identification, the HEALTH AUTHORITY, shall have the right of access, entrance, inspection, and investigation of any AQUATIC FACILITY permitted by these Regulations.  Unless a QUALIFIED OPERATOR is available onsite all day, keys must be provided to allow access the POOL, pump room, HYGIENE FACILITY, and any other related areas.  The right of access pursuant to this section, includes, but, is not limited to access for the purpose of: Routine inspection; Inspect or investigate to determine if there has been a violation of NRS Chapter 444 or these Regulations; Verify compliance with previously written violation orders; Collect samples or specimens; Examine, review, and copy relevant documents and records; Obtain photographic or other evidence needed to enforce these Regulations; and Question any person  If the HEALTH AUTHORITY is refused access, the HEALTH AUTHORITY shall provide details of the denial of access on an inspection report form and the AQUATIC FACILITY will be posted	CURRENT NAC 444	current administrative policies  NEW REQUIREMENT  Consistent with current administrative policies  Consistent with current
5-501.1 5-501.2 5-501.3 (A) (B) (C) (D) (E) (F) (G)	Upon presenting proper identification, the HEALTH AUTHORITY, shall have the right of access, entrance, inspection, and investigation of any AQUATIC FACILITY permitted by these Regulations.  Unless a QUALIFIED OPERATOR is available onsite all day, keys must be provided to allow access the POOL, pump room, HYGIENE FACILITY, and any other related areas.  The right of access pursuant to this section, includes, but, is not limited to access for the purpose of: Routine inspection; Inspect or investigate to determine if there has been a violation of NRS Chapter 444 or these Regulations; Verify compliance with previously written violation orders; Collect samples or specimens; Examine, review, and copy relevant documents and records; Obtain photographic or other evidence needed to enforce these Regulations; and Question any person  If the HEALTH AUTHORITY is refused access, the HEALTH AUTHORITY shall provide details of	CURRENT NAC 444  NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444  NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444  NEW REQUIREMENT NOT FOUND IN	current administrative policies  NEW REQUIREMENT  Consistent with current administrative policies  Consistent with

	PROPOSED 2017 SOUTHERN NEVADA HEALTH DISTRICT AQUATIC FACILITY REGULATIONS	CURRENT - NEVADA ADMINISTRATIVE CODE 444	TYPE OF OR REASON FOR CHANGE
5-502.1	An AQUATIC FACILITY'S inspection frequency may be amended based on a risk of recreational water injury and illness.	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT
5-503	Posting Pool Closure		
	Where an IMMINENT HEALTH HAZARD is found, the AQUATIC VENUE may be posted closed.	NAC 444.302 Suspension or denial of operating permit. (NRS 439.200, 444.070, 444.080, 444.100)  1. The health authority may order a suspension of an operating permit and may order the owner or operator of a public bathing or swimming facility or natural bathing place to prohibit any person from using it if the health authority finds:  (a) A failure of the equipment, structure, area or enclosure of the facility or bathing place which jeopardizes the health or safety of the persons using or operating it.  (b) That the facility or bathing place lacks properly functioning equipment or proper material for recirculating, treating or testing the water used for swimming or bathing.  (c) A lack of required supervisory personnel or required lifeguards.  (d) That the operator of the facility or bathing place is not maintaining the required water quality.  (e) That the operator does not possess a valid operating permit.  2. The health authority may deny an application for an operating permit if the applicant fails to:  (a) Notify the health authority before construction and completion of the facility;  (b) Allow inspection of the facility during or after its construction; or  (c) Follow any of the requirements set forth in NRS 444.065 to 444.120, inclusive, and NAC 444.010 to 444.306, inclusive.	REWORDED TO MIRROR MAHC
5-503.2	Closure signs shall be conspicuously posted at each entrance leading to the AQUATIC VENUE.	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	Consistent with current administrative policies
5-503.3	Closure signs must state that concealment, mutilation, alteration, or removal of it by any PERSON without permission of the HEALTH AUTHORITY shall constitute a violation of these Regulations.	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	Consistent with current

	PROPOSED 2017 SOUTHERN NEVADA HEALTH DISTRICT AQUATIC FACILITY REGULATIONS	CURRENT - NEVADA ADMINISTRATIVE CODE 444	TYPE OF OR REASON FOR CHANGE
			administrative policies
5-504	Follow-up Inspection The HEALTH AUTHORITY shall inspect the premises upon notification that the hazard has been eliminated and remove the closure signs after verifying correction. The HEALTH AUTHORITY, in its sole discretion, may accept other evidence of correction of the hazard in lieu of inspecting the premises.	NAC 444.306 Reinspection. (NRS 439.200, 444.070, 444.100)  1. After the specified corrective action has been taken, the owner or operator or his or her representative shall notify the health authority that the facility or bathing place is ready for reinspection.  2. If upon reinspection the corrective action is approved, the health authority shall order the reinstatement of the operating permit, at which time the facility or bathing place may be opened for use.  3. If upon reinspection the corrective action is not approved, the operating permit remains suspended and the facility or bathing place must be kept closed and out of use until corrective action is approved.	REWORDED TO MIRROR MAHC
5-505	Appeal Process		
5-505.1	A person aggrieved by an action taken by the HEALTH AUTHORITY may request a meeting with the employee responsible for the action and the program supervisor within 10 business days.	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	Consistent with current administrative policies
5-505.2	If the meeting does not resolve the issue, the aggrieved person may submit a written request for a meeting with the division director or section manager within 10 business days.	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	Consistent with current administrative policies
5-6	Imminent Health Hazards		
5-601	Violations Requiring Immediate Correction or Closure Any of the following violations are IMMINENT HEALTH HAZARDS which shall require immediate correction or POOL closure until the condition is corrected:	NAC 444.302 Suspension or denial of operating permit. (NRS 439.200, 444.070, 444.080, 444.100)  1. The health authority may order a suspension of an operating permit and may order the owner or operator of a public bathing or swimming facility or natural bathing place to prohibit any person from using it if the health authority finds:  (a) A failure of the equipment, structure, area or enclosure of the facility or bathing place which jeopardizes the health or safety of the persons using or operating it.	REWORDED TO MIRROR MAHC

<u>PI</u>	ROPOSED 2017 SOUTHERN NEVADA HEALTH DISTRICT AQUATIC FACILITY REGULATIONS	CURRENT - NEVADA ADMINISTRATIVE CODE 444	TYPE OF OR REASON FOR CHANGE
		(b) That the facility or bathing place lacks properly	
		functioning equipment or proper material for	
		recirculating, treating or testing the water used for	
		swimming or bathing.	
		(c) A lack of required supervisory personnel or	
		required lifeguards.	
		(d) That the operator of the facility or bathing place	
		is not maintaining the required water quality.	
		(e) That the operator does not possess a valid	
		operating permit.	
		2. The health authority may deny an application	
		for an operating permit if the applicant fails to:	
		(a) Notify the health authority before construction	
		and completion of the facility;	
		(b) Allow inspection of the facility during or after its	
		construction; or	
		(c) Follow any of the requirements set forth in NRS	
		444.065 to 444.120, inclusive, and NAC 444.010 to	
		444.306, inclusive.	
5-601.1	Failure to provide adequate supervision and staffing of the AQUATIC FACILITY as	see 5-601	Consistent with
	prescribed in these Regulations;		current administrative
			policies
5-601.2	Failure to provide DISINFECTANT residual levels within the minimum and maximum limits	see 5-601	Consistent with
	designated in these Regulations;		current
			administrative
5 004 0		5 004	policies
5-601.3	Failure to treat and achieve proper disinfection following a body fluid contamination event:	see 5-601	Consistent with current
	ovoru,		administrative
			policies
5-601.4	PH level below 6.5;	see 5-601	Consistent with
			current
			administrative policies
5-601.5	PH level above 8.0;	see 5-601	Consistent with
0 001.0	1110101 00010 010,	200 0 001	current
			administrative
			policies
5-601.6	Failure to continuously operate the AQUATIC VENUE filtration and DISINFECTION	see 5-601	Consistent with
	equipment;		current
			administrative policies
			policies

<u>PF</u>	ROPOSED 2017 SOUTHERN NEVADA HEALTH DISTRICT AQUATIC FACILITY REGULATIONS	CURRENT - NEVADA ADMINISTRATIVE CODE 444	TYPE OF OR REASON FOR CHANGE
5-601.7	Failure to maintain CYA levels below 100 PPM;	see 5-601	Elevation of enforcement due to current scientific data supporting significance
5-601.8	Use of an unapproved or contaminated water supply source for potable water use;	see 5-601	Consistent with current administrative policies
5-601.9	Non-GFCI protected electrical receptacles within 20 feet of the inside wall of the AQUATIC VENUE;	see 5-601	Consistent with current administrative policies
	Failure to maintain GFCI protection for underwater lighting as required;	see 5-601	Consistent with current administrative policies
5-601.11	Absence of all required lifesaving equipment on DECK;	see 5-601	Consistent with current administrative policies
5-601.12	AQUATIC VENUE bottom not clearly visible;	see 5-601	Consistent with current administrative policies
5-601.13	Total absence of or improper depth markings at an AQUATIC VENUE;	see 5-601	Consistent with current administrative policies
5-601.14	Plumbing CROSS-CONNECTIONS between the drinking water supply and AQUATIC VENUE water or between sewage system and the AQUATIC VENUE including filter backwash facilities;	see 5-601	Consistent with current administrative policies
5-601.15	Failure to provide and maintain an ENCLOSURE OR BARRIER to inhibit unauthorized access to the AQUATIC FACILITY OR AQUATIC VENUE when required;	see 5-601	Consistent with current administrative policies
5-601.16	Use of unapproved chemicals or the application of chemicals by unapproved methods to the AQUATIC VENUE water;	see 5-601	Consistent with current administrative policies
5-601.17	Broken, unsecured or missing submerged suction outlet covers in the AQUATIC VENUE;	see 5-601	Consistent with current administrative policies

	PROPOSED 2017 SOUTHERN NEVADA HEALTH DISTRICT AQUATIC FACILITY REGULATIONS	CURRENT - NEVADA ADMINISTRATIVE CODE 444	TYPE OF OR REASON FOR CHANGE
5-601.	18 Gates that are not self-closing and self-latching and/or enclosure breaches or gaps;	see 5-601	Consistent with current administrative policies
5-601.		see 5-601	Consistent with current administrative policies
5-601.	20 Any other item determined to be an IMMINENT HEALTH HAZARD by the HEALTH AUTHORITY.	see 5-601	Consistent with current administrative policies
5-7	Issuing Report and Obtaining Acknowledgment of Receipt		
5-701	Inspection Conclusion		
5-701. (A) (B)	1 At the conclusion of the inspection, the HEALTH AUTHORITY shall: Review a copy of the completed inspection report, and any corresponding notice to correct violations with the PERMIT HOLDER or the facility representative; and Obtain a signed acknowledgement of receipt on the report. If an electronic report, the acknowledgement may be by other means.	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	Consistent with current administrative policies
5-701. (A) (1)	Refusal to Sign Acknowledgement Should the PERMIT HOLDER or facility representative refuse to sign the acknowledgment, the HEALTH AUTHORITY shall inform the refusing party that: Refusal to sign an acknowledgment does not nullify the inspection report or the PERMIT HOLDER'S obligation to correct the violations noted in the inspection report within the time frames specified. An acknowledgment of receipt does not constitute an agreement with findings. The refusal will be documented on the report and placed in the AQUATIC VENUE'S file.	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	Consistent with current administrative policies
(B) (C)	Provide a copy of the inspection report to the PERMIT HOLDER or facility representative.		
5-702	Resuming Operations		
5-702.	1 If operations are discontinued pursuant to Section 5 herein, as the PERMIT HOLDER shall obtain approval from the HEALTH AUTHORITY before resuming operations.	NAC 444.302 Suspension or denial of operating permit. (NRS 439.200, 444.070, 444.080, 444.100)  1. The health authority may order a suspension of an operating permit and may order the owner or operator of a public bathing or swimming facility or natural bathing place to prohibit any person from using it if the health authority finds:  (a) A failure of the equipment, structure, area or enclosure of the facility or bathing place which jeopardizes the health or safety of the persons using or operating it.	REWORDED TO PROVIDE LANGUAGE AND FORMAT CONSISTENCY

Ī	PROPOSED 2017 SOUTHERN NEVADA HEALTH DISTRICT AQUATIC FACILITY REGULATIONS	CURRENT - NEVADA ADMINISTRATIVE CODE 444	TYPE OF OR REASON FOR CHANGE
5-702.2	Prior to opening for use, the QUALIFIED OPERATOR shall demonstrate to the health authority any IMMINENT HEALTH HAZARDS have been corrected.	(b) That the facility or bathing place lacks properly functioning equipment or proper material for recirculating, treating or testing the water used for swimming or bathing.  (c) A lack of required supervisory personnel or required lifeguards.  (d) That the operator of the facility or bathing place is not maintaining the required water quality.  (e) That the operator does not possess a valid operating permit.  NAC 444.262 Supervision and maintenance of facilities.  2. Every public bathing or swimming facility must be maintained under the supervision of a qualified operator who is responsible for the sanitation and safety of the facility and for the maintenance of its equipment and records.  3. The operator must demonstrate to the health authority that he or she is familiar with the function, operation and maintenance of the equipment in the facility and is capable of maintaining the water	REWORDED TO PROVIDE LANGUAGE AND FORMAT CONSISTENCY
	Facilities documented by the HEALTH AUTHORITY to be operating under conditions of an IMMINENT HEALTH HAZARD and were issued an immediate closure, shall pay applicable fees and pass a reopening inspection with no additional closure violations remaining.	chemistry within the required limits.  NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	Consistent with current administrative policies
5-8	Summary Suspension, Reinstatement and Revocation		
5-801	Summary Suspension Reinstatement of Suspended Permit		
5-801.1	The HEALTH AUTHORITY may suspend PERMITS for failure of the PERMIT HOLDER to comply with the requirements of these Regulations.	NAC 444.304 Order for closure; revocation of suspended permit. (NRS 439.200, 444.070, 444.100)  1. If the health authority orders the closing of a public bathing or swimming facility or natural bathing place, the health authority shall issue a written order to the owner or operator of the facility or bathing place, or his or her representative, stating with particularity the reason for the order of closure along with his or her finding that the	REWORDED TO PROVIDE LANGUAGE AND FORMAT CONSISTENCY

<u> </u>	PROPOSED 2017 SOUTHERN NEVADA HEALTH DISTRICT AQUATIC FACILITY REGULATIONS	CURRENT - NEVADA ADMINISTRATIVE CODE 444	TYPE OF OR REASON FOR CHANGE
		condition giving rise to the order represents a serious threat to the public health and safety.  2. The order must state that the facility or bathing place is to be closed immediately and must specify the corrective action necessary before the facility or bathing place may be reopened for use.  3. The order must be served upon the owner, operator, representative or a person in charge of the facility or bathing place. The person on whom the order is served shall close the facility or bathing place immediately and shall prohibit any person from using it.  4. If the order is served upon a person whose operating permit is suspended, the health authority may take appropriate action to revoke the operating permit unless the operator:  (a) Closes the facility or bathing place immediately; and	
5-801.2	If conditions exist at a pool which presents an IMMINENT HEALTH HAZARD, the HEALTH AUTHORITY may, upon written notice, immediately suspend the operating PERMIT and	(b) Takes any corrective action required by the order within the time therein specified.  See above	
5-801.3	order the immediate closure.  The suspension shall be effective upon receipt of written notice by the RESPONSIBLE PERSON, QUALIFIED OPERATOR, or other person in charge. The order of suspension statement on the inspection report constitutes written notice.	See above	
5-801.4 (A)	The order of suspension must include the following statements:  The PERMIT is immediately suspended and all operations shall be immediately discontinued:	See above	
(B) (C) (D) (E)	The reasons for summary suspension with specific reference to NRS Chapter 444 and these Regulations; The type of imminent threat to public health that caused the violation; The person to whom a request for re-inspection may be made; The PERMIT holder may request a hearing within five (5) business days of the summary suspension.		
5-801.5	THE HEALTH AUTHORITY shall conduct a re-inspection of the AQUATIC FACILITY or AQUATIC VENUE for which the permit was summarily suspended within two (2) business day after receiving notice from the PERMIT holder stating that the conditions cited in the summary suspension order no longer exist.	NAC 444.306 Reinspection. (NRS 439.200, 444.070, 444.100)  1. After the specified corrective action has been taken, the owner or operator or his or her representative shall notify the health authority that the facility or bathing place is ready for reinspection.	REWORDED TO PROVIDE LANGUAGE AND FORMAT CONSISTENCY

<u> </u>	PROPOSED 2017 SOUTHERN NEVADA HEALTH DISTRICT AQUATIC FACILITY REGULATIONS	CURRENT - NEVADA ADMINISTRATIVE CODE 444	TYPE OF OR REASON FOR CHANGE
		2. If upon reinspection the corrective action is	
		approved, the health authority shall order the	
		reinstatement of the operating permit, at which time	
		the facility or bathing place may be opened for use.	
5-801.6	The HEALTH AUTHORITY shall hold a hearing,	NEW REQUIREMENT NOT FOUND IN	NEW
		CURRENT NAC 444	REQUIREMENT
5-801.7	The HEALTH AUTHORITY will permanently revoke a PERMIT unless a request for a hearing is	NEW REQUIREMENT NOT FOUND IN	NEW
	filed with the HEALTH AUTHORITY by PERMIT HOLDER within five (5) business days, the	CURRENT NAC 444	REQUIREMENT
	HEALTH AUTHORITY will permanently revoke a PERMIT after five (5) days following service of		
<b>.</b>	the notice.		
5-802	Suspension and Revocation		
5-802.1	The PERMIT HOLDER may request a hearing within five (5) business days of the summary	NEW REQUIREMENT NOT FOUND IN	NEW
	suspension.	CURRENT NAC 444	REQUIREMENT
5-802.2	The HEALTH AUTHORITY shall hold a hearing, if requested, within ten (10) business days of	NEW REQUIREMENT NOT FOUND IN	NEW
	receipt of the request for hearing.	CURRENT NAC 444	REQUIREMENT
5-802.3	The HEALTH AUTHORITY will permanently revoke a PERMIT, unless a request for a hearing is	NEW REQUIREMENT NOT FOUND IN	NEW
	filed with the HEALTH AUTHORITY by PERMIT HOLDER within five (5) business days.	CURRENT NAC 444	REQUIREMENT
5-802.4	The HEALTH AUTHORITY may, after a hearing, suspend or revoke an AQUATIC FACILITY or	NEW REQUIREMENT NOT FOUND IN	NEW
	AQUATIC VENUE PERMIT for violation of NRS Chapter 444, these Regulations, or an order	CURRENT NAC 444	REQUIREMENT
	issued by the HEALTH AUTHORITY.		
5-802.5	Unless a hearing is requested as required herein, the suspension or revocation order	NEW REQUIREMENT NOT FOUND IN	NEW
	shall take effect 15 calendar days after the date of issuance of the notice of suspension	CURRENT NAC 444	REQUIREMENT
	or revocation.	NEW REQUIREMENT NOT FOUND IN	A 151A /
	A notice of suspension or revocation must include the following:	NEW REQUIREMENT NOT FOUND IN	NEW
(A)	The reasons for the suspension or revocation with reference to the specific provisions of NRS Chapter 444 and these Regulations.	CURRENT NAC 444	REQUIREMENT
(B)	The AQUATIC FACILITY has a right to request a hearing within 15 calendar days after		
(5)	issuance of the notice;		
(C)	The PERMIT shall be suspended or revoked fifteen (15) calendar days after receipt of the		
(-)	suspension or revocation notice and all operations shall cease at that time unless a		
	hearing is requested.		
5-9	Suspension or Revocation of Qualified Operator or Pool Company Registration		
5-901	The HEALTH AUTHORITY may suspend or revoke the registration of a pool company or	NEW REQUIREMENT NOT FOUND IN	NEW
	QUALIFIED OPERATOR if work of the company or QUALIFIED OPERATOR is performed in such a	CURRENT NAC 444	REQUIREMENT
	manner as to create on-going or egregious unsanitary, unsafe, or unhealthful conditions.	-	
5-902	A pool company or QUALIFIED OPERATOR may request a hearing within five (5) business	NEW REQUIREMENT NOT FOUND IN	NEW
	days of the summary suspension.	CURRENT NAC 444	REQUIREMENT
5-903	The HEALTH AUTHORITY shall hold a hearing, if requested, within ten (10) business days of	NEW REQUIREMENT NOT FOUND IN	NEW
	the receipt of the request for hearing.	CURRENT NAC 444	REQUIREMENT
5-904	The HEALTH AUTHORITY will permanently revoke a pool company or QUALIFIED OPERATOR	NEW REQUIREMENT NOT FOUND IN	NEW
	registration, unless a request for a hearing is filled with the HEALTH AUTHORITY by the pool	CURRENT NAC 444	REQUIREMENT
	company or QUALIFIED OPERATOR within five (5) business days.		

<u>!</u>	PROPOSED 2017 SOUTHERN NEVADA HEALTH DISTRICT AQUATIC FACILITY REGULATIONS	CURRENT - NEVADA ADMINISTRATIVE CODE 444	TYPE OF OR REASON FOR CHANGE
5-905	The HEALTH AUTHORITY will, after a hearing, suspend or revoke a pool company or QUALIFIED OPERATOR for violation of NRS Chapter 444, these Regulations, or an order issued by the HEALTH AUTHORITY.	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT
5-906	Unless a hearing is requested as required herein, the suspension or revocation order shall take effect 15 calendar days after the date of issuance of the notice of suspension or revocation.	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT
5-907	A notice of suspension or revocation must include the following:		
	The reasons for the suspension or revocation with reference to the specific provisions of NRS Chapter 444 and these Regulations;	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT
	The pool company or QUALIFIED OPERATOR has a right to request a hearing within 15 calendar days after issuance of the notice;	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT
5-907.3	The registration shall be suspended or revoked fifteen (15) calendar days after receipt of the suspension or revocation notice and all operations shall cease at that time unless a hearing is requested.	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	NEW REQUIREMENT
5-10	Notice and Service of Notice		
5-1001	A notice issued in accordance with these Regulations is considered properly served if it is served by one of the following methods:	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	Consistent with current administrative policies
5-1001.	The notice is personally served by the HEALTH AUTHORITY to the QUALIFIED OPERATOR or RESPONSIBLE PERSON or the person in charge; and/or	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	Consistent with current administrative policies
5-1001.2	Sending the notice by registered or certified mail, return receipt requested, to the last known address of the AQUATIC FACILITY OWNER.	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	Consistent with current administrative policies
5-1001.3	The HEALTH AUTHORITY shall file a copy of the notice in the PERMIT holder's file.	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	Consistent with current administrative policies
5-1002	Reinstatement		
5-1002.	reinstatement. Such application must include a verified statement declaring that the reason for the suspension or revocation of the PERMIT has been eliminated.	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	Consistent with current administrative policies
5-1002.2	If upon investigation by the HEALTH AUTHORITY, it is determined that all reasons for suspension or revocation have been eliminated and all provisions of these Regulations have been complied with, the HEALTH AUTHORITY shall reinstate said PERMIT.	NAC 444.306 Reinspection.  1. After the specified corrective action has been taken, the owner or operator or his or her representative shall notify the health authority that the facility or bathing place is ready for reinspection.	REWORDED TO PROVIDE LANGUAGE AND FORMAT CONSISTENCY

<u>P</u>	ROPOSED 2017 SOUTHERN NEVADA HEALTH DISTRICT AQUATIC FACILITY REGULATIONS	CURRENT - NEVADA ADMINISTRATIVE CODE 444	TYPE OF OR REASON FOR CHANGE
	Post Revocation Action  Once the PERMIT has been suspended or revoked, as specified in Section 5-8 of these Regulations, the PERMIT holder shall discontinue all activity associated with the AQUATIC VENUE(s) in question. Failure to do so may result in the HEALTH AUTHORITY requesting an injunction from the District Court of Jurisdiction against continued operation by the PERMIT HOLDER.	<ol> <li>If upon reinspection the corrective action is approved, the health authority shall order the reinstatement of the operating permit, at which time the facility or bathing place may be opened for use.         <ol> <li>If upon reinspection the corrective action is not approved, the operating permit remains suspended and the facility or bathing place must be kept closed and out of use until corrective action is approved.</li> </ol> </li> <li>NAC 444.546 Reinspection.         <ol> <li>After corrective action has been taken, the owner or operator or his or her representative shall notify the health authority that the spa is ready for reinspection.</li> <li>If upon reinspection the corrective action is approved, the health authority may order the reinstatement of the operating permit, at which time the spa may be opened for use.</li> <li>If upon reinspection the corrective action is not approved, the operating permit must remain suspended and the spa must be kept closed and out of use until corrections are approved.</li> </ol> </li> <li>NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444</li> </ol>	Consistent with current administrative policies
	Hearings and Appeals		
5-1004.1	All hearings provided for in these Regulations shall be conducted in accordance with the Nevada Administrative Practice Act, NRS Chapter 233B and Health Authority Hearing Officer Regulations.	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	Consistent with current administrative policies
5-1004.2	Nothing herein contained shall be construed as denying the rights of appeal to the courts after administrative remedies as herein above have been exhausted.	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	Consistent with current administrative policies
5-11	Abandonment Process		
	To remove an AQUATIC VENUE from regulatory oversight and have the associated HEALTH PERMIT deleted, all equipment associated with the circulation system must be removed and piping appropriately capped in addition to one of the following:	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	Consistent with current

<u>F</u>	PROPOSED 2017 SOUTHERN NEVADA HEALTH DISTRICT AQUATIC FACILITY REGULATIONS	CURRENT - NEVADA ADMINISTRATIVE CODE 444	TYPE OF OR REASON FOR CHANGE
			administrative policies
5-1101.1	The AQUATIC VENUE shell may be left in place provided it has been punctured to prevent the accumulation of water, an adequate BARRIER is in place and locked, and must be maintained clean, drained, and free of nuisance conditions;	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	Consistent with current administrative policies
5-1101.2	The AQUATIC VENUE is filled with gravel or other fill, the shell perforated to prevent water saturation and subsequent nuisance issues allowing for the BARRIER to be removed; or	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	Consistent with current administrative policies
5-1101.3	The AQUATIC VENUE shell is demolished and removed allowing for the BARRIER to then be removed.	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	Consistent with current administrative policies
	Public Information The HEALTH AUTHORITY shall treat the inspection report as a public document and shall make it available for disclosure pursuant to NRS Chapter 239.	NEW REQUIREMENT NOT FOUND IN CURRENT NAC 444	Consistent with current administrative policies
	Severability Clause Should any section, paragraph, sentence, clause, or phrase of these Regulations be declared unconstitutional or invalid for any reason the remainder of these Regulations shall not be affected thereby.	NAC 444.097 Severability.  If any provision of NAC 444.010 to 444.306, inclusive, is declared unconstitutional or invalid for any reason, the remainder of the provisions of those sections are not intended to be affected thereby.  NAC 444.419 Severability.  If any provision of NAC 444.310 to 444.546, inclusive, is declared unconstitutional or invalid for any reason, the remainder of the provisions of those sections are not intended to be affected thereby.	REWORDED TO MIRROR MAHC