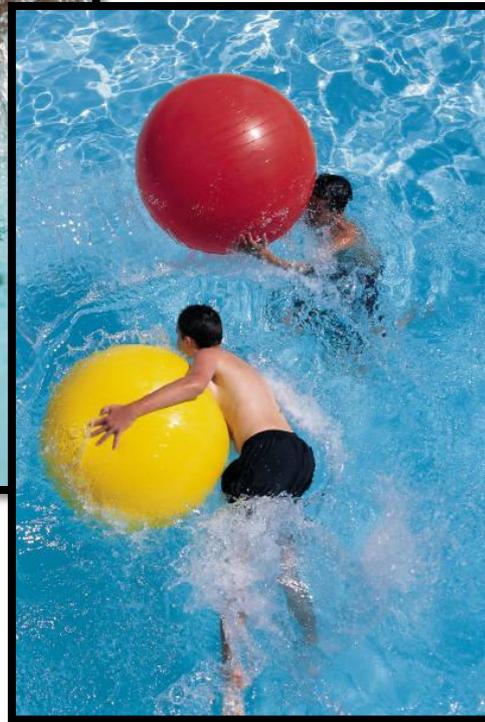
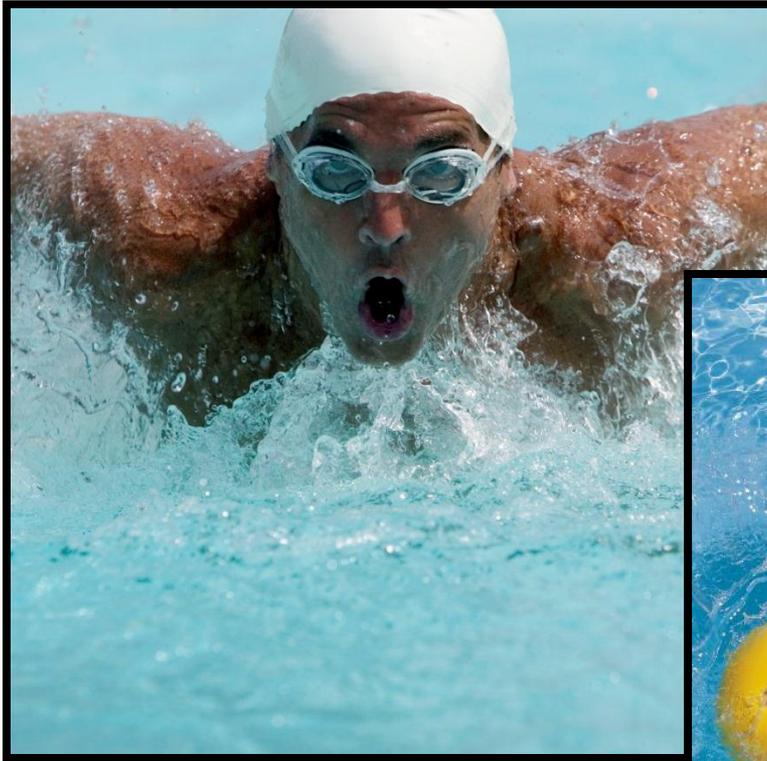


POOL/SPA SCORING SYSTEM



COUNTY OF SAN BERNARDINO
Environmental Health Services
DEPARTMENT OF PUBLIC HEALTH

By James Gutman, REHS
Recreational Health Industry Roundtable
May 7, 2013

OBJECTIVES

- To introduce the new spa/pool scoring system in the County of San Bernardino
- To discuss how the scoring system will be implemented
- To review critical violations that may result in closure of a pool/spa

INTRODUCTION

The Division of Environmental Health Services (DEHS) inspects all public spas and swimming pools in San Bernardino County. A scoring system has been developed for the inspection process and was implemented on May 1, 2013.

MAIN ADVANTAGES OF SCORING SYSTEM

- Helps prevent illness, injury, and drowning by utilizing a risk-based system.
- Provides understandable information to both operators and swimmers regarding the condition of the pool/spa during the last routine inspection.
- Reduces the number of violations into fewer categories e.g. eight (8) former skimmer violations were reduced into one (1) single violation.
- Provides operators with numerical data to track compliance with laws and regulations.

MAIN ADVANTAGES OF SCORING SYSTEM

(continued)

- The format of the report is more user-friendly.
- The new report is a valuable tool for operators to easily track areas of concern.
- The numerical scoring system allows operators to assess the safety of their pool/spa and monitor progress from inspection to inspection.
- It provides an opportunity for operators and DEHS to work together to reduce hazards and provide safer pools/spas to the community.

INSPECTION FREQUENCY

Most spas and swimming pools in San Bernardino County are inspected twice a year. During the routine inspection, the Community Environmental Health (CEH) inspector will document violations that are observed at the recreational health facility.

Note: Pool surveys by PSEs are not routine inspections and will not affect scores.



INSPECTION REPORT



All violations observed during a routine inspection will be listed on the inspection report. Violations have been reduced to fewer categories for the new scoring system. **Points will only be deducted one time per violation category regardless of the number of violations listed under the same category.** Reports will be emailed to operators.

VIOLATION POINT VALUES

- Each violation on the report is associated with a point value.
- Point values are based on the overall risk of the violation.
- With the exception of an AB 1020 violation, critical violations are weighted at 4 points each while noncritical violations are weighted at 2 points each.
- A routine inspection begins with a total of 100 points. The overall score lowers with each violation that is listed on the report.

IMPLEMENTATION OF THE SCORING SYSTEM

- The overall score will be included on the inspection report.
- There currently is no requirement to post scores or grading placards at the pool/spa site.
- Pool/spa closures are related to critical violations only and not the overall score.
- The score is updated during a routine or re-score inspection.

INSPECTION REPORT

Public Health
Permits
POOL/SPA PROGRAM
INSPECTION REPORT

SIGNATURE	
REINSPECTION DATE 11/03/2013	PERMIT EXPIRATION 12/31/2013
REHS	
PROGRAM IDENTIFIER: Spa	
SERVICE: 001 - Inspection - Routine	
RESULT: 03 - Corrective Action / No Follow up Required	
ACTION: 01 - No Further Action Required	

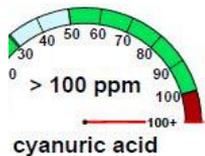
POOL/SPA

or facilities which must be corrected. The
s notice, to show cause why the permit to

Additional reinspection at a charge of \$61.25

92

SCORE



temperature (F)	104.3
observed flow (gpm)	No Data
required flow (gpm)	74
volume (gal)	2,225
area (sq ft)	113
occupancy	11

pm. Ensure the cyanuric acid does not exceed

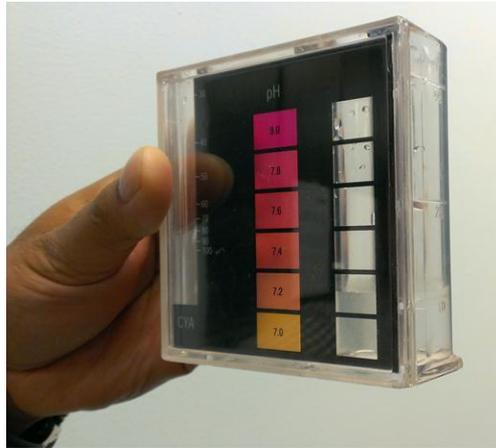
The overall score will appear on the official inspection report after a routine inspection.

REASONS FOR CLOSURE

- A public spa/pool may be closed if it is being operated in a manner which creates an unhealthful, unsafe, or unsanitary condition, and will not be reopened until corrections are made.
- Pools and spas must meet all standards for clarity, disinfection, pH, safety, and bacteriology.
- CRITICAL VIOLATIONS constitute immediate closure if the violations cannot be corrected while the inspector is onsite.



Water Quality – Critical – Lack of Disinfectant (4 Points)



This violation is used when the free available chlorine level is below 0.5 ppm. This violation is also used if the approved disinfectant, other than chlorine, is below the required minimum level.

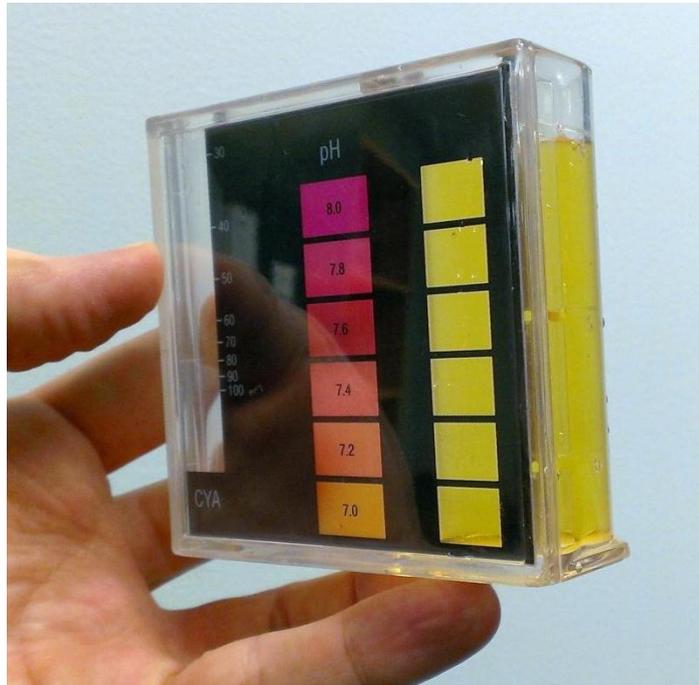
Water Quality – Critical – High Disinfectant Level (4 points)

This violation is used when:

- The free available chlorine level exceeds 10.0 ppm
- The disinfectant, other than chlorine, exceeds the maximum level
- The combined chlorine level exceeds the maximum level



Water Quality – Critical – pH High/Low (4 points)



This violation is used if the pH is below 7.0 or above 8.0.

Water Quality – Critical – Clarity (4 points)

This violation is used if the water clarity is such that the bottom drain (aka “main drain”) or any suction outlet is not visible.



Image Source: <http://issacresap.blogspot.com>

Water Quality – Critical – Bacteriological Conditions (4 points)

This violation is used if water sample results indicate the bacteria levels in the spa/pool water exceed the allowable limits. This may only apply to mineral springs that have a flow-through system or DEHS has required bacteriological testing.



Image Source: <http://www.ci.valdez.ak.us>

Temperature – Critical – Spa Water Requirement (4 points)

This violation is used if the spa water temperature exceeds 104°F (note: $\pm 2^\circ\text{F}$ thermometer accuracy).



Safety – Critical – Unsafe/Hazardous Conditions (4 points)



Image Source: <http://www.nachi.org>

This violation is used if a serious hazard is present during the inspection. This includes, but is not limited to, sharp objects in the pool, underwater light fixtures with water inside, exposed electrical wires, GFCI broken or missing, etc.

Safety – Critical – Patron Health

(4 points)

This violation is used if a swimmer or guest in the spa / pool area is observed with a contagious illness or infection. Upon use of this violation, the ill / contagious individual will be excluded from the spa/pool area.

Employee – Critical – Employee Health (4 points)

This violation is used if an employee working in the pool area is observed with or known to have a communicable disease. Upon use of this violation, ill employees will be excluded from working in the spa/pool area.

Enclosure – Critical – Enclosure Drowning Hazard (4 points)

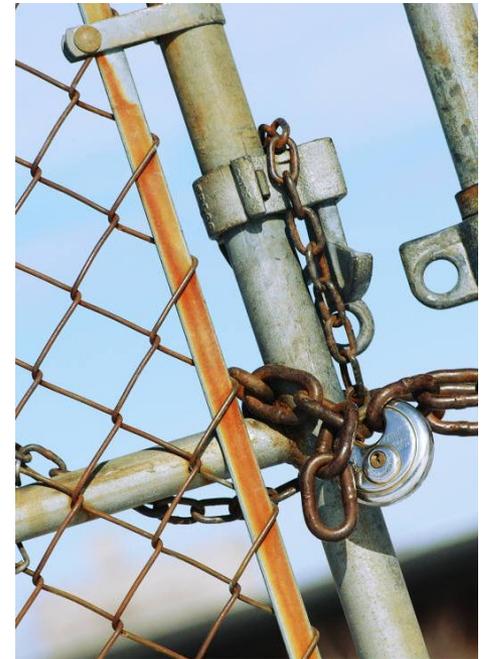


Image Source: <http://www.srh.noaa.gov>

This violation is used if an enclosure violation is present such that a small child could enter the spa/pool area without assistance.

Enclosure – Critical – Gates Drowning Hazard (4 points)

This violation is used if a gate/door violation is present such that a small child could enter the spa/pool without assistance.



Equipment – Critical – Non-Functioning Recirculation System (4 points)



Image Source: <http://www.thefiberglasspooldepot.com>

This violation is used when the recirculation system does not function (nonoperational) yet the spa or pool is open for use.

Structure – Critical – Suction Outlets (4 points)

This violation is used if a suction outlet cover is missing, broken, unapproved, or in some way not able to prevent a suction hazard.

Note: Suction outlets include “main drains” and equalizer outlets.

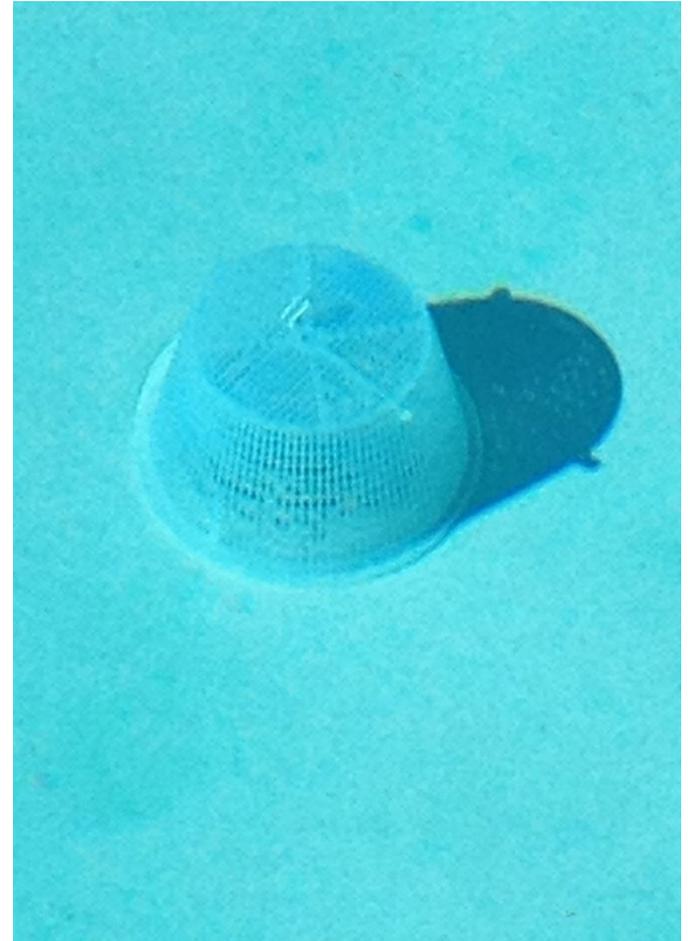


Image Source: <http://davidvielmetter.com>

AB 1020 – Critical - Non-Compliant Pool/Spa

(0 points)

This violation is used if a pool/spa is not in compliance with AB 1020. This includes all pools and spas (open, closed, and drained).

RECAP

- The format of the report is more user-friendly.
- Violations have been consolidated into fewer categories.
- The system is risk-based to assess pool/spa safety and help prevent illness, injury and drowning.
- The new report is a valuable tool for operators to easily track areas of concern.
- The numerical scoring system allows operators to assess the safety of their pool/spa and monitor progress from inspection to inspection.
- It provides an opportunity for operators and DEHS to work together to reduce hazards and provide safer pools/spas to the community.

QUESTIONS?

