New Jersey Public Recreational Bathing
Rule Changes 2018

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New Jersey Public Recreational Bathing Rule Changes 2018

HISTORY
History

- PRB Rule readopted with amendments in 2009
- Fall of 2009, The Department convened a group of interested parties
- BEACH (Beaches Environmental Assessment and Coastal Health Act of 2000), and Baker Acts (Virginia Graeme Baker Pool and Spa Safety Act, December 19, 2007)
• Amend every subchapter of N.J.A.C. 8:26

• Improve syntax and grammar

• Redefine terms

• Technical and substantive changes

• Recodifications
SUBCHAPTER 1.

PURPOSE, SCOPE AND DEFINITIONS
Subchapter 1. DEFINITIONS

“Aquatic activity area”
- contains aquatic play equipment

“Aquatic play equipment”

Rope Ladders

Slides

Devices designed to shoot, spray, dump water

https://www.tripadvisor.com/LocationPhotoDirectLink-g45086-d638307-i150116334-Be st_Western_Plus_Kelly_Inn_Suites-Billings_Montana.html


https://www.goldstar.com/venues/west-chicago-il/turtle-splash-park-tickets
Subchapter 1. DEFINITIONS

“Aquatic recreation facility”

- Surf pool
- Wave pool
- Lazy river
- Spray park

- DCA may get involved in enforcement
- Spray parks – under PRB*
Subchapter 1. DEFINITIONS

“DSAMs”
- Department sanctioned analytical methods
- Added new lab testing methods

“Design professional”
- licensed architect or professional engineer
- “All documents sealed and certified by a design professional”
“Health club”

- Newly added under “Specially Exempt”
- May be exempt if:
  - Restricted to guest use only
  - No one under 16 years of age allowed
  - Water depth <5ft
  - Pool is NOT shared with another entity

- Swimming lessons OK
  - To persons other than guests
  - To persons under 16 years of age
  - Must have LG and FA personnel
“Non-bathing beach”

- NOT designated as a bathing beach
- used for “primary contact recreation” aka surfing, diving - activities with high ingestion risk
- Not covered by PRB rule
“Public recreational bathing place facility”

- Includes any beach ADVERTISED, PUBLISHED, DESIGNATED as public
- Does NOT include non-bathing beach and/or private rec bathing facility

Subchapter 1. **DEFINITIONS**

- **“Spray park”**
  - Water is sprayed on participants
  - the water is recirculated
  - the water may or may not have depth
  - **ALL** covered by PRB rule even if licensed with DCA

NEW

http://www.naturalstructures.com/aquatics_spray_parks_parks.shtml

https://sesameplace.com/philadelphia/water-park
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SUBCHAPTER 2.

ADMINISTRATION
Subchapter 2. ADMINISTRATION

Plan Review

Both New and Alterations:
- Plans to be submitted to LHA and CO at the same time
- Certified by a design professional
- Local COs* must approve BEFORE HA*
- CANNOT begin construction until approved by CO and HA

New construction:
MAX 90 days for approval

Alterations:
MAX 30 days for approval

*CO – Code Official
*HA – Health Authority
Subchapter 2. ADMINISTRATION

Operational Checklist

- Completed by owner/TPO
- **Seasonal**: 21 days before opening
- **Year-round**: 30 days before expiration of approval certificate
Subchapter 2. ADMINISTRATION

Inspections

- BEFORE: as often as necessary

- NOW:
  - Seasonal: 1/season
  - Year-round: 2/year

*Changed*

https://pinnaclepoolservices.com/atlanta-pool-inspections/
Subchapter 2. ADMINISTRATION

Approvals

- May be in any format (license, permit, checklist)
- Must approve/disprove within 10 days of inspection
- Must renew each year (12 months or every season)
- TPO fills out the Checklist for routine renewals

New facility – on site pre-op inspection
Operator Inspection

- TPO visits 1x week
- Reviews records, ensures compliance
- Visits are documented
- Documents kept on site

http://www.vipools.net/home-buyers-inspection.php
New Jersey Public Recreational Bathing Rule Changes 2018

SUBCHAPTER 3.

SWIMMING POOLS AND WADING POOLS
Subchapter 3. SWIMMING POOLS and WADING POOLS

Construction

- Follow New Jersey Uniform Construction Code (UCC) for construction, design, signage, safety, materials
- 2015 International Swimming Pool and SPA Code (ISPSC)
- Suction Entrapment Avoidance (ANSI/APSP-7)
- Other Sections re-codified under Operational Requirements (decks and walkways, diving stands, etc.)
Subchapter 3. SWIMMING POOLS and WADING POOLS

- **Wading pools**

  ![NEW](image)

  Single main drain **PROHIBITED**
  (new pools)

  - Existing pools – must have an auto shutoff

  - Exception: gravity flow drain

  http://www.prweb.com/releases/2011/12/prweb9044558.htm
Subchapter 3. **SWIMMING POOLS** and **WADING POOLS**

- **Rope drops, cliff jumping, aquatic play equipment**

No cliff jumping, rope drops, aquatic play equipment **at heights > 15 ft**

[Image of people cliff jumping]
Subchapter 3. SWIMMING POOLS and WADING POOLS

- **Disinfection**
  - Gas chlorination prohibited

- **Location/construction requirements**
  - Apply to all pools built after September 7, 2010

- **VGB Act**
  - All existing pools must be compliant

*Changed*
Subchapter 3. SWIMMING POOLS and WADING POOLS

• Aquatic recreation facilities

  ○ ALL construction requirements of Subchapter 3 apply
    Exceptions: barriers, depth of wading pool

  ○ Requirements of *N.J.A.C. 5:14A-12, Water Amusement Rides (DCA)* apply
SUBCHAPTER 5.

WATERFRONT SAFETY
Subchapter 5. WATERFRONT SAFETY

• Specially Exempt

  o CANNOT be exempt:
    - If there is a functional diving board, water slide or other high risk equipment

  o New sign to include hours of operation

• Specially exempt health clubs

  o Defibrillators required

  o Sign: No one under 16 allowed

*Changed*
Subchapter 5. WATERFRONT SAFETY

- **Pool Director**
  - pool > 2,000 sq ft - **POOL DIRECTOR TRAINING** by Jan 16, 2019

- **LG Ratios**
  - Less than 2,000 sq ft and less than 60 bathers - 1LG
  - More than 2,000 sq ft - 2 LGs

- **Zone of Protection Plan**
  - Area under supervision of a lifeguard
  - Must overlap between lifeguards

*Changed*
Subchapter 5. WATERFRONT SAFETY

- **Pool Supervision**
  - LG – No cell phone use!
  - **NEW**
    - No texting, reading, or music

- **Platforms when:**
  - Pool >2,000 sq ft
  - >5 ft deep
  - Diving areas
  - *Alternatives allowed*
Subchapter 5. WATERFRONT SAFETY

• Pool Supervision (cont’d)
  ○ Aquatics Supervision Facility Plan
    ... 
    + Location of emergency shutoff
    + Hours of operation
    + Water testing schedule & recordkeeping
    + Zone of protection plan
    + Policies for floats and water toys
Subchapter 5. WATERFRONT SAFETY

- **Emergency Equipment**
  - AED where lifeguard is present
  - Throw lines that reach across the pool
  - Post the address of the pool next to emergency phone #s list
  - No telescoping poles and plastic hooks allowed
First Aid Kit Contents

<table>
<thead>
<tr>
<th>Items required</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Adhesive compress strips (band-aid type)</td>
<td>50</td>
</tr>
<tr>
<td>Sterile gauze dressings (sponge 3 x 3&quot;)</td>
<td>5</td>
</tr>
<tr>
<td>Sterile gauze dressings (sponge 4 x 4&quot;)</td>
<td>5</td>
</tr>
<tr>
<td>Sterile gauze roller bandage (3” wide)</td>
<td>5</td>
</tr>
<tr>
<td>Sterile eye dressing pads</td>
<td>5</td>
</tr>
<tr>
<td>Triangle bandages</td>
<td>4</td>
</tr>
<tr>
<td>Waterproof tape (1 inch x 5 yards)</td>
<td>1</td>
</tr>
<tr>
<td>Bandage scissors</td>
<td>1</td>
</tr>
<tr>
<td>Tweezers (4 ½”)</td>
<td>1</td>
</tr>
<tr>
<td>Instant cold pack</td>
<td>1</td>
</tr>
<tr>
<td>Disposable latex, vinyl or nitrile gloves (pair)</td>
<td>5</td>
</tr>
<tr>
<td>Liquid hand soap</td>
<td>1</td>
</tr>
<tr>
<td>Antiseptic wipes (box)</td>
<td>1</td>
</tr>
<tr>
<td>Disposable protective face shield</td>
<td>5</td>
</tr>
<tr>
<td>Disposable protective gown</td>
<td>5</td>
</tr>
<tr>
<td>Pocket resuscitation mask</td>
<td>1</td>
</tr>
<tr>
<td>First aid guidebook</td>
<td>1</td>
</tr>
</tbody>
</table>

**Items required**

<table>
<thead>
<tr>
<th>Items required</th>
<th>Quantity Required</th>
</tr>
</thead>
<tbody>
<tr>
<td>Adhesive compress strips</td>
<td>&lt;2,000 Ft², 2,000-5,000 Ft², &gt;5,000 Ft²</td>
</tr>
<tr>
<td>Sterile gauze dressings (sponge 3 x 3&quot;)</td>
<td>25, 50, 100</td>
</tr>
<tr>
<td>Sterile gauze dressings (sponge 4 x 4&quot;)</td>
<td></td>
</tr>
<tr>
<td>Sterile gauze roller bandage (3” wide)</td>
<td></td>
</tr>
<tr>
<td>Sterile gauze roller bandage (1” wide)</td>
<td>4, 8, 15</td>
</tr>
<tr>
<td>Sterile gauze roller bandage (3” wide)</td>
<td></td>
</tr>
<tr>
<td>Sterile eye dressing pads (box)</td>
<td>1, 1, 1</td>
</tr>
<tr>
<td>Triangle bandages</td>
<td>2, 4, 6</td>
</tr>
<tr>
<td>Waterproof tape (1&quot; x 5 yards)</td>
<td>1, 1, 1</td>
</tr>
<tr>
<td>Bandage scissors</td>
<td>1, 1, 1</td>
</tr>
<tr>
<td>Tweezers</td>
<td>1, 1, 1</td>
</tr>
<tr>
<td>Blanket</td>
<td>1, 1, 1</td>
</tr>
<tr>
<td>Liquid hand soap or hand sanitizer</td>
<td>1, 1, 1</td>
</tr>
<tr>
<td>First Aid Treatment Policies</td>
<td>1, 1, 1</td>
</tr>
</tbody>
</table>

*Changed*
Subchapter 5. WATERFRONT SAFETY

- **New signs: Bather rules**
  - Plastic pants
  - “swimming” diapers allowed
  - Include water toys and floats use in Aquatic Facility Plan

*Changed*

Wading pool & Spray park supervision

- **New signage**
  Parents or guardians are required to supervise their children at all times
  No children are allowed in the wading pool (spray park) without adult supervision

- **Wading pools in aquatic rec facilities**
  - all of the 5.2 *Swimming Pool Supervision* requirements apply
Subchapter 5. WATERFRONT SAFETY

- **Water Slides**
  - Clear view and rapid access from the LG station
  - Some may need to provide extra supervision based on certain factors
  - Water slide & landing areas are delineated
Subchapter 5. WATERFRONT SAFETY

Bathing Beach Supervision

- **Beach supervisor**
  - Visit 1/week
  - look for hazards
  - review records
  - ensure compliance

- **Lifeguards**
  - Ocean & bays:
    - 1LG for every 300 ft
  - Other bathing beaches:
    - 1 LG for <100 ft
    - 2LGs for every 300 ft

- LGs - No cell phone use!
Subchapter 5. WATERFRONT SAFETY

• **Bathing Beach Supervision (cont’d)**

  - **Aquatics Supervision Facility Plan**
    
    ...  
    
    + Map known hazards  
    + Hours of operation  
    + Schedule of operational activities (i.e. recordkeeping)

  - AED when 500+ swimmers or LG is present

  - Post the address of the beach on emergency phone #s list
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SUBCHAPTER 6.

GENERAL SANITATION, MAINTENANCE, AND OPERATIONS
Bathrooms & Dressing rooms

- Must be provided at ALL PRB facilities

**Constructed prior to 1986:**
- OK if no dressing rooms
- Bathrooms may be portable

**Constructed prior to 2010:**
- w/in 50 ft of pool/SPA
- at the entrance to the beach
- 1 bathroom minimum
- Portable OK
- Except: condo where all residences are within 100ft
### Operational Requirements (pools)

**Turn-over rates**

*waiver eligible (~bather load, passing lab samples, meet old rates)*

<table>
<thead>
<tr>
<th>Pool</th>
<th>6 hrs</th>
<th>8 hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wading pool</td>
<td>1 hr</td>
<td>2 hrs</td>
</tr>
<tr>
<td>Hot tub/SPA</td>
<td>30 mins</td>
<td>30 mins</td>
</tr>
</tbody>
</table>
Operational Requirements (pools) cont’d

- Pumps running 24/7
- *Don’t have to meet turnover rates at night

- **CLOSE DOWN** the pool if suction outlet covers are missing/broken/can be removed by hand

- **DAILY** inspection of suction outlet and main drain covers
• Chemical controllers
  ○ Written PM plan on site (as per manufacturer)
    ▪ describes how feeders maintain concentration
    ▪ Accuracy of controller and sensors
  ○ ORP chart on site
  ○ ORP and pH validated by manual test DAILY
  ○ Keep records!
  ○ To replace 2-hour test requirement:
    ▪ Manual DPD test 2x day + document
    ▪ Chemical controller data readily available (downloaded/printed)
Chemical controller
Subchapter 6. GENERAL SANITATION, MAINTENANCE and OPERATIONS

- Diving stands, boards, slides and floats meet NJUCC
- Surfaces smooth, easily cleaned, free of cracks

- Color, pattern, or finish does not obscure the presence of objects or surfaces within the pool

http://www.atchuup.com/most-amazing-swimming-pools/
New Jersey Public Recreational Bathing Rule Changes 2018

SUBCHAPTER 7.

SAMPLING AND WATER QUALITY
Subchapter 7. SAMPLING AND WATER QUALITY

• **Microbiological sampling**

  DSAMs

  o Most current approved analytical methods
  o Used by NJDEP
  o Approved by the United States Environmental Protection Agency (USEPA)

  o Maintained at < 50° F (10° C) while being transported

https://www.sanair.com/how-are-water-samples-gathered-and-sent-to-a-lab-for-testing/
Subchapter 7. SAMPLING AND WATER QUALITY

- **Processing of samples**
  - 8 hours to get to the lab
  - Lab must notify State and local HA and operator within 1 hour if sample is unsatisfactory
  - Written report within 1 business day
  - Resample within 24 hours
  - CCMP sampling – notify State DEP and DOH immediately
Subchapter 7. SAMPLING AND WATER QUALITY

• pH and chlorine analysis
  o ANSI1 and ANSI2 for chlorine/disinfectant levels
  o Maximum increased from 4 ppm to 10 ppm

<table>
<thead>
<tr>
<th></th>
<th>Minimum</th>
<th>Ideal</th>
<th>Indoor pools</th>
<th>Outdoor Pools</th>
</tr>
</thead>
<tbody>
<tr>
<td>Free chlorine residual (parts per million (ppm))</td>
<td>1.0</td>
<td>2.0-4.0</td>
<td><strong>10.0</strong></td>
<td><strong>10.0</strong></td>
</tr>
<tr>
<td>Combined chlorine (ppm)</td>
<td>None</td>
<td>None</td>
<td>0.2</td>
<td>0.2</td>
</tr>
<tr>
<td>Bromine (ppm)</td>
<td>2.0</td>
<td>4.0-6.0</td>
<td><strong>10.0</strong></td>
<td><strong>10.0</strong></td>
</tr>
<tr>
<td>pH</td>
<td>7.2</td>
<td>7.4-7.6</td>
<td>7.8</td>
<td>7.8</td>
</tr>
</tbody>
</table>

N.J.A.C. 8:26 Appendix C
Microbiological standards for bathing beaches

Fresh waters:
- Based on *Escherichia coli* densities, not *fecal coliforms*
- Standard <320 CFU /100 ml
- USEPA compliant

Marine waters:
- Enterococcus densities

*Changed*
Storm conditions – must post a sign

THE STORM HAS CAUSED RIP CURRENTS TO DEVELOP
DO NOT GO IN THE WATER WHILE THIS DANGEROUS CONDITION EXISTS
WARNING!
Swimming may cause illness.

DATE OF POSTING:
9/15/10

REASON:
High Bacteria Count

For the latest information call:
Well Board of Health 781-925-222
NO SWIMMING ADVISORY DUE TO HIGH BACTERIA COUNT
HEALTH ADVISORY

PUBLIC IS ADVISED
NOT TO SWIM
THOSE WATERS
DUE TO THE
PRESENCE OF OIL
RELATED
CHEMICALS.
New Jersey Public Recreational Bathing Rule Changes 2018

SUBCHAPTER 8.

ENFORCEMENT PROCEDURES
Local Health Authority inspections

- Review Checklist submitted by TPO
- Decide if need to be inspected before opening
- Approval may be given based on Checklist alone
- Bathing beaches must be inspected prior to opening
- Seasonal pools – 1 operational inspection
Subchapter 8. **ENFORCEMENT PROCEDURES**

- **Satisfactory**
  - substantial compliance

- **Conditionally Satisfactory**
  - one or more violations
  - unannounced reinspection
  - may do a full inspection

- **Unsatisfactory**
  - gross unsanitary or unsafe conditions
  - imminent health and safety hazard
Subchapter 8. ENFORCEMENT PROCEDURES

- **Grounds for CLOSURE**
  - Underwater hazards that have not been identified
Subchapter 8. ENFORCEMENT PROCEDURES

- Grounds for CLOSURE
  - Failure to meet water quality standards
Subchapter 8. ENFORCEMENT PROCEDURES

- **Grounds for CLOSURE**
  - Lack of required supervisory personnel/lifeguards
  - Equipment, structures, areas poorly maintained
NOTICE

UNLAWFUL TO USE THIS SWIMMING AREA/POOL
By order of the Health Officer

The public swimming area/pool at 951 Motel Dr. "Sierra Lodge"
(Address)

__________________________
County of Merced, has been found on the date
to be in violation of the California Health and Safety Code, and is hereby declared to be a Public
Nuisance, Dangerous to Health. It is unlawful to use or permit the use of this swimming area
pool until written permission to do so has been received from County of Merced, Department
of Health, Division of Environmental Health. Direct any questions to (209) 385-4777.

Date 8-4-05  COUNTY OF MERCEDE
HEALTH OFFICER

BY H.G.
Closure of bathing beaches

- **1st microbiological exceedance**
  - Lab and beach operator notify LHA within 1 hour
  - In CCMP areas – LHA notify NJDOH and NJDEP within 30 mins
  - Non-CCMP areas – notify NJDOH within 24 hours
  - Operator posts an ADVISORY sign
  - Post notice of exceedance online and link to CCMP website
  - Resample within 24 hours
  - Operator and LHA do a sanitary survey to ID pollution sources
ADVISORY

A water sample collected from this beach within the past 24 hours indicates bacteria levels over the recreational bathing standard.

Beaches remain open and additional samples have been collected. Resample results will be available tomorrow.

You may view all test results online at www.njbeaches.org or by calling the health department at ____________

Bacteria levels change with the weather, tides, and currents. They are usually highest near storm water pipes, especially during and after rainfall. You can reduce your risk of illness avoiding contact with water in or near storm water pipes.
Subchapter 8. ENFORCEMENT PROCEDURES

Closure of bathing beaches

- 2\textsuperscript{nd} exceedance (resample) - CLOSURE
  - In CCMP area: LHA notify NJDOH & NJDEP within 30 minutes
  - Non-CCMP area: notify NJDOH within 24 hours
  - Within 1 hour operator shall
    - Post CLOSURE sign at all beach entrances
    - Post a beach closure notice online and link to CCMP website

BEACH SHALL REMAIN CLOSED UNTIL
WATER SAMPLE AND SANITARY SURVEY SHOW
WATER QUALITY MEETS THE STANDARD
ADVISORY

A water sample collected from this beach within the past 24 hours indicates bacteria levels exceeding the recreational bathing water quality standard.

Beaches are CLOSED for swimming and bathing activities and additional samples have been collected. Resample results will be available tomorrow.

If the resample is below recreational bathing water quality standard, the advisory will be removed. If the resample is above the water quality bacteria standard the beach will remain CLOSED.

You may view all test results online at www.njbeaches.org or by calling the health department at ____________

Bacteria levels change with the weather, tides, and currents. They are usually highest near storm water pipes, especially during and after rainfall. You can reduce your risk of illness avoiding contact with water in or near storm water pipes.

DATE, LHA PHONE NUMBER
Closure of bathing beaches

• **Closures due to heavy rainfall**
  - If exceedance because of heavy rainfall – shall be closed until specified by LHA
  - If closed more than 50% of the time over the course of a year after rainfall

  Operator posts a permanent sign:

  ![Warning Sign](image)

  **WARNING!**

  RAINFALL CAUSES THE WATER QUALITY AT THE BEACH TO EXCEED MICROBIOLOGICAL WATER QUALITY STANDARDS. WATER CONTACT MAY CAUSE ILLNESS. NO SWIMMING OR BATHING IS ALLOWED FOR ___ HOURS AFTER THE RAIN HAS STOPPED TO ENABLE THE RAINFALL-CAUSED WATER POLLUTION TO DISSIPATE.
Recordkeeping

- Keep records for 3 years minimum
- Required records:
  - ... 
  - Notifications of unsatisfactory water samples to LHA 
  - Notifications of closings and reopenings 
  - Non-microbiological water contamination events 
  - Floatable debris wash-up events; 
  - Appendix E Checklist for PRB facilities 
  - Appendices C & D Chemical water quality standards
Subchapter 8. ENFORCEMENT PROCEDURES

- Recordkeeping - Geomean
  - CCMP areas – calculated by NJDEP
  - Non-CCMP areas – calculated by LHA
  - Central tendency of a set of numbers
  - Used to normalize the range of bacteria results

  \[
  \text{Geometric Mean} = \sqrt[n]{X_1 \cdot X_2 \cdots X_n}
  \]

  where \( X_1, X_2, \ldots, X_n \) = each data point

  \( n = \text{total # of data points} \)

  - One extreme result does not adversely affect overall seasonal average
  - Report to NJDOH at the end of the season
Example

- Geomean normalizes the one extreme result on July 16
- Excel formula: =geomean(b2:b10)
  - B2 is Column B Row 2
  - B10 is Column B row 10
Bathing beach sample results shall not exceed:

<table>
<thead>
<tr>
<th>Indicator</th>
<th>Maximum Levels</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>GM (cfu/100 mL)</td>
</tr>
<tr>
<td>Enterococci – marine</td>
<td>30</td>
</tr>
<tr>
<td>E. coli – fresh</td>
<td>100</td>
</tr>
</tbody>
</table>

**NOTE:**
- GM - Geometric mean
- Cfu - colony forming units
- WQS - Water Quality Standard

Exceed 30-day rolling Geometric mean
Sanitary survey required and submitted.
All fields on form are mandatory

Problem if exceeds this value
WQS exceedance

1st sample - what to do

1st sample
Exceeds WQS

Resample, issue advisory
Resample and conduct sanitary survey until result is below WQS
(bracket sampling required, beach open)

* Refer to NJAC 8:26-8.8 (a)1-6 for detailed instructions on 1st sample exceedance
**WQS exceedance**

2\textsuperscript{nd} sample - what to do

2\textsuperscript{nd} sample Exceeds WQS

Beach closed and posted. Resample until result is below WQS and conduct sanitary survey (bracket sampling required)

* Refer to NJAC 8:26-8.8 (a) 7 for detailed instructions on 2\textsuperscript{nd} sample exceedance and beach closure
Subchapter 8. ENFORCEMENT PROCEDURES

Reporting of deaths and serious injuries

Operator reports to LHA

LHA notifies NJDOH

LHA investigates and completes CB-2 **immediately**

LHA submits CB-2 to NJDOH **within five days** of the incident

Use updated CB-2 form

Did the New Jersey Public Recreational Bathing Rule actually change?
## APPENDIX A. Recognized Certifications

- Cardiopulmonary Resuscitation (CPR) Certification
  - American Heart Association
  - American Red Cross
  - American Safety and Health Institute
  - Emergency Care and Safety Institute
  - EMS Safety Services, Inc.
  - National Safety Council
  - First Aid Certification
- First Aid Certification
  - American Heart Association
  - American Red Cross
  - American Safety and Health Institute
  - Emergency Care and Safety Institute
  - EMS Safety Services, Inc.
  - National Safety Council
  - First Aid Certification
- Lifeguarding Certification for Swimming Pools and Lake Bathing
  - American Red Cross
  - Boy Scouts of America (BSA)
  - International Lifeguard Training program
  - International Life Saving Federation (ILSA)
  - Lifeguard-Pro
- National Aquatics Safety Company (NASCO)
  - Starfish Aquatics Institute
  - Young Men's Christian Association (YMCA)
  - Lifeguarding Certification for Ocean and Tidal Waters
  - North Shore Lifesaving Association (NSLA)
  - Ocean Lifesaving Association (OLA)
  - South Jersey Lifeguard Chiefs Association (SJLCA)
  - Triton Water Rescue (TWR) (triathlon specialization)
  - United States Lifesaving Association (USLA)
  - Trained Pool Operators (TPO) Certification
  - American Swimming Pool and Spa Association (ASPSA)
  - Aquatics Training Institute (ATI)
  - Association of Pool and Spa Professionals (APSP)
  - AquaSafe Pool Management, Inc. (ASPM)
  - National Pool and Spa Institute (NSPI)
  - National Recreation and Park Association (NRPA)
  - National Swimming Pool Foundation (NSPF)
  - North Shore Lifesaving Association (NSLA)
  - Starfish Aquatics Institute
  - Young Men's Christian Association (YMCA)
## Appendix B. FIRST AID SUPPLIES

<table>
<thead>
<tr>
<th>Description of Required Items</th>
<th>&lt;2,000 Ft² of Bathing and Swimming Water Area</th>
<th>2,000 to 5,000 Ft² of Bathing and Swimming Water Area</th>
<th>&gt;5,000 Ft² of Bathing and Swimming Water Area</th>
</tr>
</thead>
<tbody>
<tr>
<td>Adhesive compress strips (band aid type)</td>
<td>25</td>
<td>50</td>
<td>100</td>
</tr>
<tr>
<td>Sterile gauze dressings (sponge 2&quot;x 2&quot;)</td>
<td>10</td>
<td>15</td>
<td>25</td>
</tr>
<tr>
<td>Sterile gauze dressings (sponge 2&quot;x 3&quot;)</td>
<td>10</td>
<td>15</td>
<td>25</td>
</tr>
<tr>
<td>Sterile gauze dressings (sponge 4&quot;x 4&quot;)</td>
<td>10</td>
<td>15</td>
<td>25</td>
</tr>
<tr>
<td>Sterile gauze roller bandage (1&quot; wide)</td>
<td>4</td>
<td>8</td>
<td>15</td>
</tr>
<tr>
<td>Sterile gauze roller bandage (3&quot; wide)</td>
<td>4</td>
<td>8</td>
<td>15</td>
</tr>
<tr>
<td>Sterile eye dressing pads (box)</td>
<td>1</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Triangle bandages</td>
<td>2</td>
<td>4</td>
<td>6</td>
</tr>
<tr>
<td>Waterproof tape (1&quot;x 5 yards)</td>
<td>1</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Bandage scissors</td>
<td>1</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Tweezers</td>
<td>1</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Blanket</td>
<td>1</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Instant cold pack</td>
<td>5</td>
<td>5</td>
<td>5</td>
</tr>
<tr>
<td>Disposable protective face shield</td>
<td>1</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Disposable protective gown</td>
<td>2</td>
<td>4</td>
<td>6</td>
</tr>
<tr>
<td>Disposable Gloves (box)</td>
<td>1</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Pocket resuscitation mask</td>
<td>2</td>
<td>4</td>
<td>6</td>
</tr>
<tr>
<td>Liquid hand soap or hand sanitizer</td>
<td>1</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>First Aid Treatment Policies and Procedures</td>
<td>1</td>
<td>1</td>
<td>1</td>
</tr>
</tbody>
</table>
## CHEMICAL WATER QUALITY STANDARDS

### Appendix C
Swimming pools
Wading pools
Aquatic recreation facilities

### Appendix D
Hot tubs and SPAs

<table>
<thead>
<tr>
<th></th>
<th>Minimum</th>
<th>Ideal</th>
<th>Maximum</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Free chlorine residual (parts per million (ppm))</strong></td>
<td>1.0</td>
<td>2.0-4.0</td>
<td>10.0</td>
</tr>
<tr>
<td><strong>Combined chlorine (ppm)</strong></td>
<td>None</td>
<td>None</td>
<td>0.2</td>
</tr>
<tr>
<td><strong>Bromine (ppm)</strong></td>
<td>2.0</td>
<td>4.0-6.0</td>
<td>10.0</td>
</tr>
<tr>
<td><strong>pH</strong></td>
<td>7.2</td>
<td>7.4-7.6</td>
<td>7.8</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th>Minimum</th>
<th>Ideal</th>
<th>Maximum</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Free chlorine residual (parts per million (ppm))</strong></td>
<td>2.0</td>
<td>3.0-5.0</td>
<td>10.0</td>
</tr>
<tr>
<td><strong>Combined chlorine (ppm)</strong></td>
<td>None</td>
<td>None</td>
<td>0.2</td>
</tr>
<tr>
<td><strong>Bromine (ppm)</strong></td>
<td>2.0</td>
<td>4.0-6.0</td>
<td>10.0</td>
</tr>
<tr>
<td><strong>pH</strong></td>
<td>7.2</td>
<td>7.4-7.6</td>
<td>7.8</td>
</tr>
</tbody>
</table>
# Appendix E. CHECKLIST FOR PUBLIC RECREATIONAL BATHING FACILITIES

## New Jersey Department of Health
Public Health and Food Protection Program

### CHECKLIST FOR
PUBLIC RECREATIONAL BATHING FACILITIES

<table>
<thead>
<tr>
<th>Municipality</th>
<th>Local Health Authority</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Name of Public Recreational Bathing Facility</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dates of Operation</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PRB Facility Location</td>
<td>Phone Number</td>
<td>Special Ememat</td>
</tr>
<tr>
<td>Owners Name and Address</td>
<td>Phone Number</td>
<td></td>
</tr>
<tr>
<td>Certified Laboratory</td>
<td>Phone Number</td>
<td>Date of Last Sample</td>
</tr>
<tr>
<td>Trained Pool Operator</td>
<td>Email Address</td>
<td>Phone Number</td>
</tr>
</tbody>
</table>

### Codes: X-Compliant P-Pending N/A-Not Applicable

### PAPERWORK
- TPC Certification No. and Exp. Date
- Lifeguard Certifications Current
- First Aid, CPR Certifications Current
- Aquatics Facility Plan
- Water Sample(s) Results
- Laboratory Surveys [N.J.A.C. 8:32-7.11](1)
- Physical Inspections

### GENERAL LAYOUT
- Emergency Phone Numbers
- Pool Nature/Waters Rules Sign
- No Diving Signs
- Caution Chemical Signs
- No Smoking Sign (Chem. Room)
- Depth Markings
- Entrance(s) Secure
- Fenced and Paved Pathway Permitted with LHA Approval
- Diving boards, boats, ladder, stern, all equipment maintained
- Pool chemicals stored, handled and used per manufacturers instructions
- Equipment for continuous disinfection at types pool water and meet N.J.A.C. 8:32-7.23
- Pool Floor (Clean and Visible)
- Surface area (Pool sq)
- Volume (Pool)
- Pool Maximum Pool Rack (Pool)

[CEOH-1](http://www.nj.gov/health/forms/ceoh-1.pdf)