

Public Health Environmental Health Services

### **INCIDENT RESPONSE REPORT**

### FECAL, VOMIT, BLOOD CONTAMINATION, AND NEAR-DROWNING OR DROWNING

#### Please return completed form to 385 N Arrowhead Ave, San Bernardino, CA 92415, or fax to (909) 387-4323.

Facility Address:       Phone # :         Owner/Operator:       Contact #         Email:       Emergency Contact # :         Classification:       DSwimming PoolSpaWading PoolSpray GroundsOther:	Facility Name:	Date:
Owner/Operator:       Contact #         Email:       Emergency Contact # :         Classification:       □ Symming Pool       □ Spray Grounds       □ Other:         Type of Incident:       □ Formed Stool       □ Diarrheal Stool       □ Vomit       □ Rload       □ Drowning (fata)       □ Near Drowning         Step 1 <ul> <li> <li> <li> </li> <li> <li> </li> <li> </li> <li> <li> </li> <li> <li> </li> <li> </li> <li> <li> </li> <li> <li> <li> <li> <li> </li> <li> <li> <li> <li> <li> </li> <li> <li> <li> <li> <li> <li> <li> <li> <li> </li> <li> <li> </li> <li> <li></li></li></li></li></li></li></li></li></li></li></li></li></li></li></li></li></li></li></li></li></li></li></li></li></li></li></li></li></li></ul>	Facility Address:	Phone # :
Email:       Emergency Contact # :         Classification:       Swimming Pool       Spa       Wading Pool       Spray Grounds       Other:	Owner/Operator:	Contact #
Classification:       □ Swimming Pool       □ Spaa       □ Wading Pool       □ Spray Grounds       □ Other:	Email:	Emergency Contact # :
Step 1 Step 3   * Water of patrons present during the incident:   * Clarity:   Distor   Water Characteristics at the time of closure:   * Clarity:   Clarity:   Disting:   mill:   Divertion:   * Substrite:   * Organuric Acid:   * Organuric Acid:   Yes   * Describe the incident and the steps taken in response to the Incident:   * Organuric Acid:   * Describe the incident and the steps taken in response to the Incident:   * Organuric Acid:   * Opearcibe the incident and the steps taken in response to the Incident:   * Opearcibe the incident and the steps taken in response to the Incident:   * Opearcibe the incident and the steps taken in response to the Incident:   * Opearcibe the incident and the steps taken in response to the Incident:   * Clarity:   * Opearcibe the incident and the steps taken in response to the Incident:   * Opearcibe the incident and the steps taken in response to the Incident:   * Opearcibe the incident and the steps taken in response to the Incident:   * Opearcibe the incident and the steps taken in response to the Incident:   * Opearcibe the incident and the steps taken in response to the Incident:   * Ope	Classification: □ Swimming Pool □ Spa □ Wading Pool □	Spray Grounds D Other:
Step 1 <ul> <li> bate of Incident:: </li> <li> bate of Closure: </li> <li> bate of patrons present during the incident: </li> <li> bate of Closure: </li> <li> bate of Closure: </li> <li> clarity:  </li> <li> Clarity:  </li> <li> Clarity:  </li> <li> Clarity:  </li> <li> Clarity:  </li> <li> Clarity:  </li> <li> Clarity:  Clarity: Describe the incident and the steps taken in response to the Incident: </li> <li> million: million:   Area 1 (shallow/stairs): million:   PPM    Area 3 (middle part):   PPM   Area 4 (sampling spigot)   PPM   Area 4 (sampling spigot)   PPM   Area 4 (sampli</li></ul>	<b>Type of Incident</b> : □ Formed Stool □ Diarrheal Stool □ Vomit □	□ Blood □ Drowning (fatal) □ Near Drowning
<ul> <li>but of intractivity</li></ul>	Step 1	Step 6
<ul> <li>◇ Date of Closure: / / DE</li> <li>○ Cartridge</li> <li>○ Other: Other:</li> <li>Step 2</li> <li>◇ Number of patrons present during the incident:</li> <li>Step 3</li> <li>◇ Water Characteristics at the time of closure:</li> <li>◇ Clarity: □ Clear □ Cloudy □ Slightly cloudy</li> <li>◇ Sanitizer Concentration:</li> <li>□ Free Chlorine PPM</li> <li>□ Bromine PPM</li> <li>□ UV for spray feature reading: mJ/cm<sup>2</sup></li> <li>◇ Evanuric Acid: □ Yes PPM</li> <li>○ N/A</li> <li>Step 4</li> <li>◇ Describe the incident and the steps taken in response to the Incident:</li> <li>△ Serve 1 (shallow/stairs): PPM</li> <li>△ Cartridge □ Cloudy □ N/A</li> <li>◇ Sanitizer Concentrations is achieved throughout the pool water for the entire disinfection time.)</li> <li>◇ Step 4</li> <li>◇ Describe the incident and the steps taken in response to the Incident:</li> <li>△ Cartridge □ Cloudy □ N/A</li> <li>◇ Cyanuric Acid: □ Yes PPM</li> <li>○ Cher:</li> <li>○ Cher:</li> <li>○ Cher:</li> <li>◇ Cyanuric Acid: □ Yes PPM</li> <li>○ N/A</li> <li>◇ Cyanuric Acid: □ Yes PPM</li> <li>○ Cher:</li> <li>○ Cher:</li> <li>○ Cher:</li> <li>○ Cher:</li> <li>○ Cher:</li> <li>○ Cher:</li> <li>○ Cher:</li></ul>	• Date of incluent///	□ Sand
<ul> <li> ★ Time of Closure:</li></ul>	✤ Date of Closure:///	DE
<ul> <li>Time of Closure:</li></ul>		□ Cartridge
Step 2	✤ Time of Closure:	□ Other:
Step 3 <ul> <li>Water Characteristics at the time of closure:</li> <li>Clarity:</li> <li>Clear</li> <li>Cloudy</li> <li>Slightly cloudy</li> </ul> <ul> <li>Sanitizer Concentration:</li> <li>Free Chlorine PPM</li> <li>Bromine PPM</li> <li>Bromine PPM</li> <li>UV for spray feature reading: mJ/cm<sup>2</sup></li> <li>PH at the time of closure:</li> <li>Cyanuric Acid:</li> <li>Yes NA</li> <li>(Note: sanitizer concentrations at re-opening shall be tested at multiple points to ensure the required free chlorine concentration is achieved throughout the pool water for the entire disinfection time.)</li> </ul> Step 4 <ul> <li>Describe the incident and the steps taken in response to the Incident:</li> <li>Marea 1 (shallow/stairs): PPM</li> <li>Area 3 (middle part): PPM</li> <li>Area 4 (sampling spigot) PPM</li> <li>(Note: middle and deep areas does not apply to spa and waders)</li> <li>Cyanuric Acid:</li> <li>Yes PPM</li> <li>No NA</li> </ul>	Step 2 ✤ Number of patrons present during the incident:	♦ Was the filter backwashed?
<ul> <li>Water Characteristics at the time of closure:</li> <li>Clarity:  Clear Cloudy Sightly cloudy </li> <li>Sanitizer Concentration: Free Chlorine PPM Bromine PPM UV for spray feature reading: mJ/cm<sup>2</sup> * pH at the time of closure: Cyanuric Acid:  Yes PPM  NO N/A Step 4 * Cyanuric Acid:  Yes PPM  NO N/A Step 4 * Describe the incident and the steps taken in response to the Incident: Area 2 (deep end): PPM Area 2 (deep end): PPM Area 2 (deep end): PPM Area 3 (middle part): PPM (Note: middle and deep areas does not apply to spa and waders) * Cyanuric Acid:  Yes PPM No N/A No N/A No N/A No N/A No N/A (Note: Sanitizer Concentrations at re-opening shall be tested at multiple points to ensure the required free chlorine concentration is achieved throughout the pool water for the entire disinfection time.) * Cyanuric Acid:  Yes PPM Area 2 (deep end): PPM Area 3 (middle part): PPM Area 4 (sampling spigot) PPM Kote: middle and deep areas does not apply to spa and waders) * Cyanuric Acid:  Yes PPM No N/A No</li></ul>	Step 3	
<ul> <li>Clarity:  Clear Cloudy  Slightly cloudy </li> <li>Sanitizer Concentration: <ul> <li>Free Chlorine PPM</li> <li>Bromine PPM</li> <li>UV for spray feature reading: mJ/cm<sup>2</sup></li> </ul> </li> <li>* DY for spray feature reading: mJ/cm<sup>2</sup></li> <li>* Cyanuric Acid:  Yes PPM  NoN/A </li> <li>Step 4 <ul> <li>Describe the incident and the steps taken in response to the Incident: PPM</li> <li>Describe the incident and the steps taken in response to the Incident: PPM </li> <li>Construct Acid:  Yes PPM </li> <li>NoN/A </li> <li>* If your pool has cartridge filter, was it replaced? </li> <li>Yes NA </li> <li>(Note: For diarrheal stool, Cartridge shall be replaced)</li> </ul> </li> <li>Step 7 <ul> <li>* Water Characteristics after remediation: (Note: sonitizer concentrations at re-opening shall be tested at multiple points to ensure the required free chlorine concentration is achieved throughout the pool water for the entire disinfection time.) <ul> <li>* Sanitizer (Free Chlorine) levels: Area 1 (shallow/stairs): PPM Area 2 (deep end): PPM Area 3 (middle part): PPM Area 4 (sampling spigot) PPM (Note: middle and deep areas does not apply to spa and waders)</li> <li>* Cyanuric Acid:  Yes PPM  No NA</li> </ul> </li> </ul></li></ul>	<ul> <li>Water Characteristics at the time of closure:</li> </ul>	
<ul> <li>Sanitizer Concentration:</li> <li>Free Chlorine PPM</li> <li>Bromine PPM</li> <li>UV for spray feature reading: mJ/cm<sup>2</sup></li> <li>* pH at the time of closure:</li> <li>* Cyanuric Acid: □ Yes PPM □ No □ N/A</li> <li>Step 4</li> <li>* Describe the incident and the steps taken in response to the Incident:</li> <li></li></ul>	❖ Clarity: □ Clear □ Cloudy □ Slightly cloudy	<ul> <li>❖ If your pool has cartridge filter, was it replaced?</li> <li>□ Yes</li> <li>□ No</li> <li>□ N/A</li> </ul>
<ul> <li>Step 7</li> <li>Step 7</li> <li>Step 7</li> <li>Water Characteristics after remediation: (Note: sanitizer concentrations at re-opening shall be tested at multiple points to ensure the required free chlorine concentration is achieved throughout the pool water for the entire disinfection time.)</li> <li>Step 4</li> <li>Step 4</li> <li>Step 5</li> <li>Step 7</li> <li>Step 1</li> <li>Step 4</li> <li>Step 5</li> <li>Step 4</li> <li>Step 4</li> <li>Step 4</li> <li>Step 4</li> <li>Step 4</li> <li>Step 5</li> <li>Step 4</li> <li>Step 4</li> <li>Step 4</li> <li>Step 5</li> <li>Step 7</li> <li>Step 7</li> <li>Step 6</li> <li>Step 7</li> <li>Step 6</li> <li>Step 1</li> <li>Step 1</li> <li>Step 1</li> <li>Step 2</li> <li>Step 4</li> <li>Step 5</li> <li>Step 7</li> <li>Step 7</li></ul>	* Capitizar Concentration	(Note: For diarrheal stool, Cartridge shall be replaced)
<ul> <li>Bromine PPM</li></ul>		Step 7
□ UV for spray feature reading: mJ/cm <sup>2</sup>	□ Bromine PPM	Water Characteristics after remediation:
<ul> <li> * pH at the time of closure:</li></ul>	□ UV for spray feature reading: mJ/cm <sup>2</sup>	(Note: sanitizer concentrations at re-opening shall be tested at
<ul> <li>Cyanuric Acid:  <ul> <li>Yes PPM</li> <li>No</li> <li>N/A</li> </ul> </li> <li>Step 4 <ul> <li>Describe the incident and the steps taken in response to the Incident:</li> <li> Area 2 (deep end):</li> <li> PPM</li> <li>Area 3 (middle part):</li> <li> PPM</li> <li>Area 4 (sampling spigot)</li> <li> PPM</li> <li>(Note: middle and deep areas does not apply to spa and waders)</li> <li>Cyanuric Acid:  <ul> <li>Yes PPM</li> <li>No</li> <li>N/A</li> </ul> </li> </ul></li></ul>	✤ pH at the time of closure:	multiple points to ensure the required free chlorine concentration is achieved throughout the pool water for the entire disinfection time )
Step 4       Area 1 (shallow/stairs): PPM	❖ Cvanuric Acid: □ Yes PPM □ No □ N/A	Sanitizer (Free Chlorine) levels:
Step 4       Area 2 (deep end): PPM	· · · · · · · · · · · · · · · · · · ·	Area 1 (shallow/stairs): PPM
Describe the incident and the steps taken in response to the Incident:   Area 3 (middle part): PPM   Area 4 ( sampling spigot) PPM   (Note: middle and deep areas does not apply to spa and waders)   Cyanuric Acid: Yes   PPM No   NA	Step 4	Area 2 (deep end): PPM
Area 4 (sampling spigot) PPM	• Describe the incident and the steps taken in response to the Incident:	Area 3 (middle part): PPM
Cyanuric Acid: □ Yes PPM □ No □ N/A		Area 4 ( sampling spigol) PPM (Note: middle and deen areas does not apply to spa and waders)
		(Note: madie and acep areas abes not apply to spa and waters)
		❖ Cyanuric Acid: □ Yes PPM □ No □ N/A
· • phi reading.		✤ pH reading:
Step 5 Step 6	Ston 5	Step 8
Water Characteristics during remediation:	<ul> <li>Water Characteristics during remediation:</li> </ul>	• Date of Re-opening///
<ul> <li>Free chlorine concentration was raised to PPM and maintained for hours</li> <li>Time of Re-opening:</li> </ul>	Free chlorine concentration was raised to PPM and maintained for hours	✤ Time of Re-opening:
<ul> <li>Cyanuric acid reading: PPM</li> <li>Step 9</li> <li>Name of the pool operator in charge in responding, and resolution of the incident</li> </ul>	Cyanuric acid reading: PPM	<ul> <li>Step 9</li> <li>Name of the pool operator in charge in responding, and resolution of the incident</li> </ul>
* pH reading :       Print Name:	✤ pH reading :	Print Name:
(Note: pH shall be kept at 7.5 or lower)	(Note: pH shall be kept at 7.5 or lower)	
↔ Water Temperature: °E	↔ Water Temperature	Contact # :
(Note: pool shall be kept at 77 °F or higher)	(Note: pool shall be kept at 77 °F or higher)	

Additional Comments:	

#### Title 22 California Code of Regulations Section 65546

# A. In responding to a fecal, vomit, blood contamination, near drowning or drowning incident, the pool operator shall perform the following disinfection procedures:

- 1. When a fecal, vomit, blood contamination, near drowning, or drowning incident occur, the pool operator shall immediately close the affected public pool to pool users. If the public pool is one of multiple pools that use the same filtration system, then all the interconnected public pools shall be closed to pool users. No one shall be allowed to enter the public pool(s) until the disinfection procedures have been completed.
- 2. The pool operator shall remove contaminating material and discharge the contaminating material directly to the sanitary sewer or other approved wastewater-disposal process in accordance with State or local requirements. The pool operator shall clean and disinfect the item used to remove the contaminating material.
- **3**. The pool operator shall ensure that the pH of the public pool water is at 7.5 or lower.
- 4. The pool operator shall measure and maintain the public pool water temperature at 77 °F (25 °C) or higher
- **5**. The pool operator shall ensure that the filtration system is operating while the public pool reaches and maintains the required free-chlorine concentration during the disinfection process.
- **6.** The pool operator shall disinfect the public pool water as follows:
  - a. If the contaminating material is a formed stool or vomit, the pool operator shall maintain the free- chlorine concentration in the pool at 2.0 PPM (or 3.0 PPM for spa, wading, & spray feature) for at least 25 minutes.
  - b. If the fecal material is a diarrheal stool, the pool operator shall raise the free-chlorine concentration in the pool to 20.0 PPM and maintain that concentration for at least 12.75 hours. If that public pool water contains a chlorine stabilizer such as cyanuric acid, the pool operator shall lower the pH to 6.5 and raise the free-chlorine concentration to 40.0PPM and maintain that concentration for at least 30 hours.
  - c. If the contaminating material is blood, the pool operator shall check the free-chlorine concentration in the public pool at the time of the incident. If it is below the required minimum free-chlorine concentration, the pool operator shall immediately close the public pool until the required minimum free- chlorine concentration is achieved.
- 7. The pool operator shall test the free-chlorine residual at multiple points to ensure the required free-chlorine concentration is achieved throughout the pool water for the entire disinfection time.
- 8. The pool operator shall replace any affected cartridge filter <u>(not required for formed stool)</u> and shall backwash noncartridge filters after the disinfection process have been completed. The pool operator shall ensure the effluent is discharged directly to the sanitary sewer or other approved wastewater disposal process in accordance with State or Local Requirements. The pool operator shall not return the filter backwash water to the pool. The pool operator shall replace the filter media if necessary.
- **9**. The pool operator shall not allow pool users back into the public pool until the disinfection process has been completed and the free-chlorine concentration and pH have returned to normal operating ranges in accordance with section 65529 and 65530.

# B. The pool operator shall immediately document each fecal, vomit, blood contamination, drowning or near drowning incident and maintain records in accordance with section 65523 as follows:

- **1**. The date and time of the incident, the affected pool, the available free- chlorine concentrations, pool temperature, and pH at the time of the incident, and facts about the circumstances and cause of the incident. The information shall also be documented after the pool operator has completed the disinfection process and again when reopening the pool to pool users.
- **2**. Whether the fecal stool was formed or diarrheal
- 3. The procedures followed in responding to the contamination incident
- 4. The number of pool users in the public pool and the length of time between the occurrence, detection, and resolution of the incident.