



**Investigation Summary**

Reporting ID	Investigation Summary Number	OSHA-36 Number	OSHA-36 Establishment Name
0950621	202491890	361685951	Raging Waters
Event Date	08/15/11	Event Time	02:11 pm
Type of Event	chlorine exposure		

Inspection Number/ Establishment Name	314572256 Palace Entertainment LLC dba Raging Waters of Sac
Injured/Deceased Name	Elba Ortiz
Sex:	F. Female
Age:	21
Injury:	C. Nonhospitalized
Nature:	21 Other
Part of Body:	28 Lung
Source of Injury:	09 Chemical liquids or vapors
Event Type:	08 Inhalation
Environmental Factor:	07 Gas, vapor, mist fume, dust, etc. condition
Human Factor:	09 Safety devices removed or inoperative
Task:	A Regularly Assigned
Substance Code:	0640 - CHLORINE
Occupational Code	435 - WAITERS AND WAITRESSES - <i>Food &amp; Beverage Service</i>

Inspection Number/ Establishment Name	314572256 Palace Entertainment LLC dba Raging Waters of Sac
Injured/Deceased Name	Yekatrina Sytsevich
Sex:	F. Female
Age:	18
Injury:	C. Nonhospitalized
Nature:	21 Other
Part of Body:	28 Lung
Source of Injury:	09 Chemical liquids or vapors
Event Type:	08 Inhalation
Environmental Factor:	07 Gas, vapor, mist fume, dust, etc. condition
Human Factor:	09 Safety devices removed or inoperative
Task:	A Regularly Assigned
Substance Code:	0640 - CHLORINE
Occupational Code	426 - GUARDS AND POLICE, EXCLUDING PUBLIC SERVICE <i>lifeguard lead</i>

**Abstract:**

On 15 August 11, at approximately 1411 hrs, two employees and 17 guests of Festival Fun Parks, LLC dba Raging Waters of Sacramento located at 1600 Exposition Blvd., Sacramento, CA 95815 were transported to various hospitals throughout the Sacramento area treated and released within a few hours. The injured employees and guests while using the Breaker Beach Wave Pool experienced respiratory problems resulting from potential chlorine overexposure. The accident was reported to DOSH by Sacramento Fire Department Captain Chao Augustine, on 15 August 11 at 1810 hrs.

The accident occurred when the filtering motor stopped circulating the water (due to a broken motor shaft) in the wave pool and the pool cleaning chemicals accumulated in the system. Upon discovering the pump failure, a second filtering

pump was brought online resulting in excessive release of sodium hypochlorite and hydrochloric acid into the wave pool.  
The circumstances leading to this incident are being investigated by Cal/OSHA and DOSH Amusement Rides Division.

CSHO Signature:		Date:	8/31/14
DM Signature:		Date:	2/13/12
RM Signature:		Date:	