

# Monterey Bay Aquarium AZA Accreditation Animal Escape and Recapture Drill

<b>Drill Type:</b>	Animal escape/recapture <b>Chuckwalla escape</b>	<b>Date</b>	6/29/2016
		<b>Conducted:</b>	8:30 AM

<b>Type of Drill:</b> Live Action –	<b>Notification / Alert Method:</b> (check all that apply)	<b>Participants:</b> (check all that apply)
<input type="checkbox"/> Live Action <input type="checkbox"/> Table Top <input type="checkbox"/> Fire / Evacuation <input type="checkbox"/> Human Injury <input type="checkbox"/> Severe Weather <input checked="" type="checkbox"/> Animal Escape Recapture <input type="checkbox"/> Dive Emergency <input type="checkbox"/> Lock Down <input type="checkbox"/> Work Place Violence <input type="checkbox"/> Active Shooter <input type="checkbox"/> Bomb Threat <input type="checkbox"/> Electrical Supply Interruption <input type="checkbox"/> Other:	<input type="checkbox"/> Audible/ Visual Alarm <input type="checkbox"/> Everyone E-mail <input type="checkbox"/> Everyone Voice-mail <input type="checkbox"/> Hand-Held Two Way Radio <input type="checkbox"/> Word of mouth <input type="checkbox"/> Other:	<input type="checkbox"/> All Building Occupants <input checked="" type="checkbox"/> Work Force <input type="checkbox"/> Guests- numbers: _____ <input type="checkbox"/> Volunteers <input type="checkbox"/> Contractors <input type="checkbox"/> Daily Crisis Managers <input type="checkbox"/> Executive Crisis Managers <input type="checkbox"/> Fire Department <input type="checkbox"/> Police Department <input type="checkbox"/> Department Staff Only <input checked="" type="checkbox"/> Team Specific: Husbandry/Security <input type="checkbox"/> Other:

**Incident Command System Used?** Yes / No

**Staff present for drill:**

(Husbandry) – Animal recapture	(Husbandry) – Animal recapture
(Husbandry) – Crowd control	(Husbandry) – Crowd control
(Husbandry) – Observer	(Husbandry) – Observer
(Husbandry) – Observer	(Husbandry) – Observer
(Husbandry) – Observer	(Husbandry) – Observer
(Husbandry) – Observer	(Husbandry) – Observer
(Husbandry) – Observer	(Husbandry) – Observer
(Security) – Crowd control	(Security) – Crowd control
(Security) – Chuckwalla spotter/evaluator	(Security) – Chuckwalla operator/evaluator
(Security) - Evaluator	

**Scenario** (If necessary attach separately): While on rounds in the Viva Baja exhibit, a Security Officer has noticed one of the chuckwallas has managed to escape its enclosure and is now located on the rock work adjacent to the exhibit. The Security Officer immediately calls the Husbandry department via two way radio to notify them of the issue.

<b>List Below Names of Evaluation Team Members:</b>	<b>Date of Evaluation:</b>	6/29/2016
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# Monterey Bay Aquarium AZA Accreditation

## Animal Escape and Recapture Drill: Goals and Outcomes

List Drill Goals and or Desired Outcomes:	List Drill Outcomes and Degree of Goal Achievement
<ol style="list-style-type: none"> <li>1. Security/GE staff able to keep visual of animal until husbandry staff arrival.</li> <li>2. Husbandry staff arrive on scene within 3 min.</li> <li>3. Husbandry staff able to successfully recapture the chuckwalla within 5 min.</li> <li>4. Security/GE staff arrive on scene for crowd control within 2 min.</li> <li>5. Husbandry staff arriving on scene knows where the nearest recapture kit is located (intro, snake, tarantula, and desert community service areas).</li> <li>6. Husbandry staff is knowledgeable of post recapture protocols (Take animal to [DVS] for exam).</li> </ol>	<ol style="list-style-type: none"> <li>1. Goal achieved: After notifying husbandry staff of escape via two way radio visual of the animal was maintained until recapture was complete.</li> <li>2. Goal achieved: (<i>Animal Recapture 1- AR1</i>) and (<i>Animal Recapture 2- AR2</i>) arrived on the scene in under 1 minute.</li> <li>3. Goal achieved: After arriving on scene (<i>AR2</i>) assisted in keeping visual of the animal while (<i>AR1</i>) retrieved the recapture kit from the tarantula service area and recapture was completed in under 2 minutes.</li> <li>4. Goal achieved: PSOs (<i>Crowd Control 1- CC1</i>) and (<i>Crowd Control 2 – CC2</i>) arrived on scene in 35 seconds and were prepared to provide crowd control if needed.</li> <li>5. Goal achieved: Upon arrival on scene (<i>AR1</i>) immediately went to the tarantula service area to retrieve the nearest recapture kit.</li> <li>6. Goal achieved: (<i>AR1</i>) and (<i>AR2</i>) both were aware of the need to take the animal to (<i>Director of Veterinary Services - DVS</i>) for a post recapture physical exam/diagnostics.</li> </ol>
<b>Drill Start Time/ Alarm Sounded:</b> 0830	<b>Time Drill Concluded:</b> 0833

<b>Time Log- List time of key events and notifications.</b> (If necessary, attach command's time stamped activity log)
<p>8:30:50 Drill start: Initial radio call goes out to husbandry staff due to Security Manager (<i>Chukwalla spotter/evaluator</i>) spotting a chuckwalla on the rockwork outside of the exhibit enclosure.</p> <p>8:31:25 PSOs <i>CC1</i> and <i>CC2</i> arrived on scene to provide crowd control if needed</p> <p>8:31:39 First husbandry staff arrived on scene (<i>AR1/AR2</i>). <i>AR2</i> assisted Security Manager with keeping visual of the chuckwalla.</p> <p>8:31:59 <i>AR1</i> retrieves the recapture kit from the tarantula service area.</p> <p>8:32:47 <i>AR1</i> able to recapture chuckwalla with net and place into container for transportation to (<i>DVS</i>) for post recapture examination.</p> <p>8:33:08 End of drill</p>

# Monterey Bay Aquarium AZA Accreditation Animal Escape and Recapture Drill: Vulnerabilities and Improvement Plans

## Identify Deficiencies and Vulnerabilities

1. If an escaped animal were to get higher up on the rockwork or into the cactus planters a taller ladder would be needed to recapture the animal. No such ladder is stored near the vulnerable area.
2. (DVS) noticed a service area door open during the drill. Open service area doors could be an issue if the escaped animal found its way into the service area making spotting and recapture more difficult.



## Identify Mitigation and Plans for Improvement:

1. A nearby location for storage of taller ladders should be identified in case the animal were to get higher up on the rockwork and into the cactus planters.
2. Part of the protocol for when animals escape into the front of the scenes should be to make sure all service area doors in the surrounding area are closed.

## Other Comments:

The husbandry staff responsible for the recapture of the escaped chuckwalla (AR1 and AR2) were on scene within 1 minute and 30 seconds of the radio call starting the drill, AR2 assisted in keeping eyes on the animal, AR1 retrieved the recapture kit located in the tarantula service area, and they were able to complete the recapture in under 2 minutes.

According to (DVS), the post recapture exam of the animal would be an overall physical exam followed by other diagnostic tests necessary depending on the circumstances of the escape and recapture.

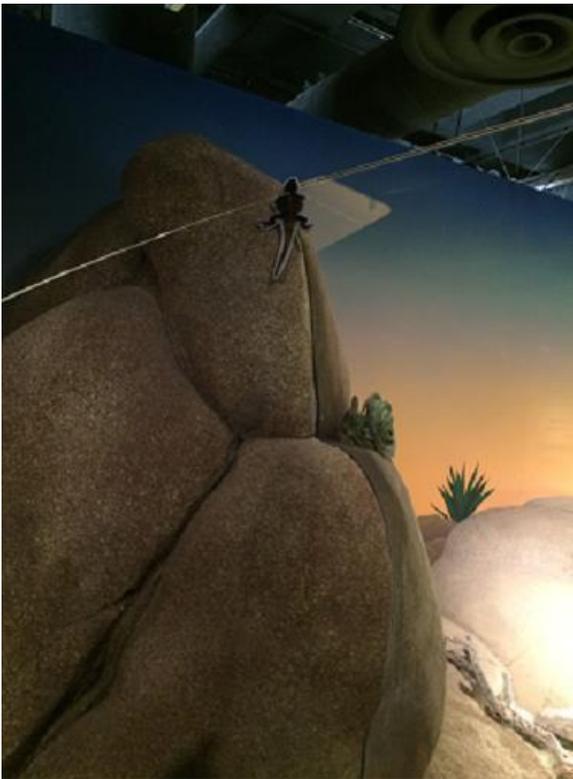
If a chuckwalla were to escape after-hours an attempt should be made to contain the animal using a recapture kit (place container over the animal) and the after-hours on call husbandry staff should be notified.

“There was a door to open to a service area just to the right of entry into the Baja exhibit. Probably should close doors to try to confine the lizard.” – (DVS)

“If there is a big crowd should we attempt to make a human wall like we do for medicals if we have enough staff available?” – (CC2), Security Officer

**List Executive Leadership and other management staff copied on this report and their comments:**

Director of Veterinary Services  
VP of Husbandry  
Director of Husbandry Operations  
Curator of Fish and Invertebrates  
Curator of Fish and Invertebrates  
VP of Guest Experience



Chuckwalla escape route



Chuckwalla successfully netted



Chuckwalla placed into container for transport to Animal Health Lab for exam before being placed back on exhibit