



DEPARTMENT OF HEALTH & HUMAN SERVICES

PUBLIC HEALTH SERVICE
NATIONAL INSTITUTES OF HEALTH

FOR US POSTAL SERVICE DELIVERY:

Office of Laboratory Animal Welfare
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Home Page: <http://grants.nih.gov/grants/olaw/olaw.htm>

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Office of Laboratory Animal Welfare
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June 21, 2021

Re: Animal Welfare Assurance
#A4518-01 (OLAW Case G)

Ms. Rana Smith
President and Chief Executive Officer
Chimp Haven, Inc.
13600 Chimpanzee Place
Keithville, LA 71047

Dear Ms. Smith,

The Office of Laboratory Animal Welfare (OLAW) acknowledges receipt of your June 17, 2021 letter, and supporting documents and photographs, reporting the temporary escape of a chimpanzee at Chimp Haven, following up on an initial telephone report on June 9, 2021. According to the information provided, OLAW understands that a juvenile chimpanzee was seen on top of the tall enclosure wall surrounding an outdoor habitat. The animal escape procedures were followed by staff, the escapee ran back to her mother, and tree limbs near the wall were trimmed. The chimpanzee was subsequently seen on the wall again and it was determined that she had used protruding ends of an I-beam in the wall to climb up. These areas were covered with sheet metal and no further escape attempts have been made.

The staff discussed the matter, regular observations of animals are ongoing, and additional cameras will be obtained to expand the observation range in this habitat.

Based on its assessment of this explanation, OLAW understands that the institutional procedures for handling an escaped chimpanzee were successfully utilized to direct a juvenile animal back to its group, additional engineering steps were taken to prevent further escape attempts, and no harm came to either animals or people. We commend you and your staff for the swift and thorough response taken to ensure the welfare of the chimpanzees in your care.

Sincerely,

(b) (6)

Axel Wolff, M.S., D.V.M.
Deputy Director
Office of Laboratory Animal Welfare

Cc: IACUC Chair
Robert Gibbens, D.V.M., USDA-APHIS-AC



June 17, 2021

Director, Division of Compliance Oversight
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RE: Reporting of Adverse Event at Chimp Haven, Assurance **A4518-01**

Dear Dr.'s Morse, Brown and Wolff:

Chimp Haven is writing to report an adverse event, the temporary escape of a young chimpanzee. Carlee is a 4-year-old chimpanzee who currently lives with her mother and seventeen other chimpanzees in one of our multi-acre habitats. On the morning of June 2, 2021, at 7:40am, during the provision of the morning diet, Carlee was observed by an animal care team member walking along the top of one of the 17-21 foot walls surrounding the habitat. As per our standard operating procedures, HUSB-03 Chimpanzee Escape Procedures and HUSB-04 Guidelines for Chimpanzee Escape Recovery Team (CERT) attached, a "Code Green" was called over the radio, and escape protocols were followed to get staff to safety and ensure the safety of the chimpanzees as well. Carlee retreated to her habitat as staff approached with sedation equipment and ran to her mother for safety. Staff performed a double head count and determined that all other members of the group were safely enclosed within the habitat walls. No chimpanzees or people were harmed during this incident.

The entire group was then locked in their indoor bedrooms, which allowed for an inspection of the habitat, to assist us in determining how Carlee was able to gain access to the top of the wall. At the same time, we reviewed camera footage of the area. Unfortunately, while the cameras cover a large area of the habitat, the area where Carlee gained access to the wall was not visible. After inspection of the habitat, it was determined that there were tree limbs that may have aided Carlee in her escape. These limbs were immediately cut down. Once the limbs were cut, the group was released back into the habitat with staff members observing the group. Of note, we have an existing standard operating procedure HUSB-14 Habitat Husbandry, Schedule and Procedures that specifies daily checks for fallen trees and monthly assessment of the growth and integrity of the habitat tree lines.

Staff observed the group, and Carlee specifically, for approximately 5 hours. Carlee did climb the tree that had been trimmed but did not make any additional attempts to leave her habitat.

Later that afternoon, at approximately 2pm, Carlee was observed outside her enclosure again in the same general area on top of the wall and chimpanzee escape procedures were enacted and she again re-entered her habitat of her own volition with no chimpanzees or people being harmed. At this time, staff observed Carlee use a specific I-beam to gain finger and toe holds to climb back into her enclosure. Carlee and her mother were locked inside after this event. .

After Carlee's second breach of the habitat, we realized we should have continued observations until we knew exactly where she was able to exit her enclosure. We made an assumption as to how she was able to leave the habitat and tried to remedy the situation immediately. This second event suggested the I-beams may have been her avenue of escape.

On the following morning, June 3rd, additional trees were trimmed and removed, and they attached thin metal sheeting over some of the I-beams in the walls that jutted out, slightly, and may have possibly provided a hand hold for Carlee's tiny fingers. Please see attached photos.

On June 4th, the group was given access to the habitat and staff observers rotated throughout the day. For safety's sake, Carlee and her mother were locked in overnight, when we had limited staff to observe. We continued these observations from June 4th through June 7th. As of June 7th, Carlee and her mother remained with their group day and night. After June 7th, staff performed hourly checks on the group through June 11th. Carlee has made no further attempts to leave her habitat. As of June 12th, Carlee and her group continue to be observed at least every 4 to 6 hours as per existing protocols.

Chimp Haven is committed to keeping both the staff and the chimpanzees safe. We held a staff debriefing on Monday, June 7th to discuss what we learned from these events and potential additional alterations to the habitat enclosure to keep Carlee safely enclosed. On June 9th, we consulted with Guardian Alarm Systems and received a quote to potentially install five additional cameras to enhance visibility in this habitat.

Dr. Raven Jackson-Jewett notified our USDA representative, Dr. Tomlinson and I notified our NIH representative, Sheri Hild, of Carlee's escape and our efforts to ensure that she stays safely contained.

Please let me know if you require any further information.

Sincerely,

(b) (6)

Rana Smith
President and CEO, Institutional Official
rsmith@chimphaven.org

CC: Chimp Haven SCCC/IACUC, AAALAC accredit@aaalac.org

13600 Chimpanzee Place

Keithville, LA, 71047

(b) (6)

chimphaven.org





STANDARD OPERATING PROCEDURE

Title: **Chimpanzee Escape Procedures**

Number: **HUSB – 03**

Date Adopted: 05/01/05

Last Revision Date: 12/28/2020

Revised By:

(b) (6)

Michelle Reininger
Colony Director

Approved By:

(b) (6)

Rana Smith
President and Chief Executive Officer

SCOPE: This procedure applies to all Chimp Haven personnel and other visitors on site.

PROCEDURE:

Considerations:

1. The persons most likely to be attacked by escaped chimpanzees are individuals unfamiliar to the chimpanzee (e.g. those people who are not around the chimpanzees on a daily basis) or individuals who give provocation by shouting, gesturing, squirting with a hose, or throwing things at the escapees.
2. A chimpanzee escape is accompanied by great excitement within the colony, which draws the attention of the staff. Chimpanzees usually make a sound (alarm bark) when they observe another chimpanzee outside of their normal housing areas. Those personnel familiar with that should investigate to determine if an escape has or has not occurred.
3. Most escaped chimpanzees will remain in the immediate area if left alone and not provoked by panicky people shouting at them, chasing them, or physically threatening them. If the chimpanzee is left alone it will often reenter a bedroom of building of his/her own accord when a door is opened. The presence of animals in adjacent bedrooms is sometimes enough to entice the chimpanzee to enter an enclosure, but usually the fear the animal experiences at being outside the familiar environment is sufficient to make it enter a bedroom or building after a short period of time on the outside. The use of food as a lure is rarely successful.

Response Procedures:

1. **Seek Personal Safety.** Personnel first noting the escape should immediately get inside a building or other safe area. Efforts should be made to seek shelter in the specified safe areas identified by signage (Building A Vet Laboratory, Building A Office (b) (4) McGrath Vet Clinic, Maintenance Shop, Haven House, Building B Vet Clinic, Building C Vet Clinic, or Building D Vet Clinic.) Other areas may be utilized if the travel to a specific area is too dangerous.
2. **Notify others and confirm your safety.**

- a. During regular work hours, the air horn should be sounded immediately. This should be followed by hand held radio transmission of the air horn and "CODE GREEN" along with the location and identity of the individual or group escaped, if known. Repeat the radio transmission. If no radio is available, use a telephone and notify the on site veterinarian, Colony Director, and front desk personnel. Personnel throughout the facility should then proceed to the nearest air horn if safe to do so and sound it in the event there is someone on site without a radio.

Administrative personnel will call any members of the CERT (Chimpanzee Emergency Response Team) who are not within radio communication and alert both the Nature Park and Veteran's Cemetery.

Once in a safe area, staff must contact the administrative personnel via radio (channel 2) or on the phone (x5780). One staff member should report all personnel present within their respective safe room. Supervisors report to administrative personnel any individuals who are not working that day. Administrative personnel should confirm that they have received the transmission.

- b. During non-regular work hours, a CERT member may or may not be on site. In the event there is no CERT member on site, use a telephone to call the members of CERT and provide them with the location and identities of chimpanzee(s) escaped. Confirm the safety of staff with the CERT member contacted as well as the member of DART (Designated Advance Rifle Team) members on site. Chimp Haven maintains a team of individuals that devote a greater percentage of their time to being prepared for escape events. This team is referred to as DART. In the event of an emergency, members of this team should be prepared to respond as directed by the CERT.
 - c. If you cannot reach a telephone without risk of attack from the escapee(s), find a safe place to wait until it is safe to exit and seek better shelter.
 - d. For an escape during Discovery Days or when other large groups of visitors are on site, be sure to sound the air horn over the radio and announce "CODE GREEN" on both channels (1 & 2) being monitored, ensuring that security personnel, CERT members, and Discovery Day staff are informed. Personnel throughout the facility should then proceed to the nearest air horn and sound it in the event there is someone on site without a radio. Staff working at Chimpanzee Discovery Day should confirm the safety of staff, volunteers, and visitors to the CERT.
3. **Secure the Safety of Others.** Visitors, interns, students, volunteers, or any other individuals on site who are unfamiliar and untrained in necessary procedures must be assisted to find safety. These individuals should be escorted to a safe room or escorted off site. Exterior gates should be secured so that no other people enter the sanctuary property. Discovery Day security volunteers will be briefed on their role in case of a chimp escape during an event 15 minutes prior to the event by a designated member of Chimp Haven staff. Under no circumstances should non-staff be involved in the capture of a chimpanzee(s).

For an escape during Chimpanzee Discovery Days or when other large groups of visitors are on site across the moat, follow these procedures:

- Security and/or staff should calmly and quickly move visitors back to their cars in the parking lot, inform them to stay inside their car with the windows rolled up and escort them off the property if safe to do so.
- Individuals who do not have a vehicle in the public parking area (e.g. volunteers, staff) should go to an enclosed area or an enclosed vehicle.
- No one should proceed to the main sanctuary area unless they are asked to assist with the recapture of the chimpanzee by the CERT. Travel from the moat area to the main sanctuary for CERT, DART, or other required personnel should be done via enclosed vehicle. A covered vehicle will be transferred to the moat area and will remain for the entirety of the event. Maintenance will be available to assist the physically challenged in getting to safety.

4. **Follow Directions of CERT.** Do not attempt to recapture the animal(s) by yourself. No attempts should be made to herd animals by use of vehicles, shouts, or gestures. If inside a vehicle, do not leave your vehicle. The first member of the CERT to arrive on the scene will take responsibility for the capture procedures. During work hours, this will be a member of Vet staff. The person in charge will declare themselves the "CERT CHIEF" and they will appoint a "COMMUNICATOR".

- The CERT Chief will communicate with the members of CERT & DART who are engaged in the recapture of the escaped chimpanzee(s). This communication will occur on Channel 1.
- The Communicator must have access to TWO radios – one tuned to Channel 1 and the other to Channel 2. The Communicator serves as a relay between the CERT Chief and the rest of staff.
- No one who is not actively involved in the recapture of the escaped chimpanzee(s) should communicate via Channel 1.
- The Communicator will notify the CERT Chief when all personnel are accounted for so that the effort to recapture escapees may commence.

Animal care staff not part of the CERT may monitor the escaped chimpanzees from a safe distance, preferably from inside an enclosed vehicle, or via remote cameras. If safe and practical, animal care staff should secure any doors that resulted in the escape to keep other chimpanzees from escaping. Depending on the number of animal care staff present, a member of the CERT may ask animal care staff to:

- Survey the scene with a second care staff member in an enclosed vehicle.
- Run all chimpanzees from play yards into their bedrooms and lock them in. Then open security doors and the outside doors to play yards, so that the escapees may be herded or enticed into these areas.
- Conduct an animal inventory to determine the identities of escaped chimpanzee(s).

- Prepare emergency sedation dosages in tranquilizer darts for the CERT if it is safe to proceed to the veterinary clinics.
 - Secure and prepare recovery areas for chimpanzees in the event sedation is required. Movement of chimpanzees requires two care staff members that are familiar with the groups and may only be performed once the scene is surveyed to ensure safety of personnel.
5. **Capture of Escaped Chimpanzee(s) by CERT.** The CERT may use a number of methods to secure the chimpanzee(s), including:
- a. Deploying the DART to chemically immobilize the escaped chimpanzee, utilizing a .22-cartridge dart rifle.
 - b. Coaxing chimpanzees back into the safety corridor, building, or bedroom.
 - c. Should patience and enticement efforts fail, a CO₂ fire extinguisher may be used effectively in herding chimpanzees toward a secure location.
 - d. Capture equipment may also be used by trained staff not on the DART for short or long-distance administration of tranquilizer darts via capture pistol or pump rifle (see Tranquilizing SOP). Trained personnel who are familiar with the animal can administer the drug from the protection of a vehicle or building if the animal is out-of-doors, or from behind the secondary security barriers if the animal is confined to a corridor. Capture equipment is stored in the vet clinics of Buildings A, B, C, D, and the McGrath building. All Animal Care and Maintenance personnel are trained in the proper use of tranquilizing equipment in the event of an escape.
6. **Chimpanzee Inventory.** An animal inventory should be conducted after the escaped chimpanzee(s) have been secured to insure that all residents are accounted for.
7. **Notification of Recapture.** Once the escapee(s) have been secured and all residents inventoried, the CERT should notify all staff over the radio that all is clear.

Special Instructions

Chimpanzee Leaves Chimp Haven Property

Should escaped chimpanzee(s) leave the Chimp Haven property, the DART, under the direction of the CERT Chief should follow at a distance, remaining inside a vehicle. The CERT should alert local law enforcement and direct them on appropriate action, including seeking assistance in securing the chimpanzee. The CERT may also contact the Veteran's Cemetery and the Eddie Jones Nature Park personnel to alert them to the situation.

Imminent Danger to People

If all procedures are followed, potential danger to personnel should be minimized and escaped chimpanzee(s) can be quickly recaptured. In the event of attack by a chimpanzee or imminent danger to any person, follow these procedures:

1. Call for assistance.
2. Avoid chimpanzee by running behind structures or into enclosures or buildings.
3. If attacked by a chimpanzee, crouch into a fetal position, protecting face, neck, and extremities.

4. A CO₂ extinguisher can be used to divert an attack or stop an attack. These extinguishers are found throughout the facility and are marked "Not for Fire".
5. Local law enforcement may be directed to shoot an escaped chimpanzee that is attacking a human.

Staff Training

1. Chimp Haven will provide escape drills on a regular basis focusing on different situations. The drills will either be partial, which will focus on specific aspects of a chimpanzee escape, or full, which will encompass the alert, response, and recovery of the chimpanzee. Immediately after each drill, either a meeting will be held or input requested via e-mail from all staff members to review the actions of the CERT and staff in an effort to reinforce and refine procedures.
2. Dart gun training will take place quarterly, on two separate days, in order to provide the opportunity to practice and become proficient in the use of the pump rifle and pistol. All animal care staff are required to attend one session per quarter. Administrative and Maintenance personnel are encouraged to attend at least one session per year.
3. DART members train at an increased frequency to hone skills and periodic competitive testing will be performed for new/existing staff in an effort to maintain optimal skill levels on the team.



STANDARD OPERATING PROCEDURE

Title: Guidelines for Chimp Escape Response Team (CERT)

Number: HUSB – 04

Date Adopted: 01/01/06

Date Revised: 12/28/20

Revised By:

(b) (6)

Michelle Reininger
Colony Director

Approved By:

(b) (6)

Rana Smith
President and Chief Executive Officer

SCOPE: These procedures apply to members of the CERT (Chimpanzee Escape Response Team) or anyone temporarily appointed to assist the CERT

PROCEDURE:

The events immediately following a chimpanzee escape are dependent upon how many individuals are present at the sanctuary at the time of the escape. Once an air horn is sounded or an escape is called, personnel are to seek shelter, announce "CODE GREEN" over the radio on Channel 1, repeat, and/or contact a member of the CERT. On Chimpanzee Discovery Days, the sounding of the air horn and the announcement should also be done on Channel 2 for notification of the Discovery Day staff.

CERT Responsibilities: Upon receiving a call regarding a chimpanzee escape the following questions need to be asked: (Initial instructions should be taken from the first CERT member reached by phone. The first member to reach the sanctuary to reach the sanctuary would give directions for capture and becomes the Chief for the operation.)

1. Where are you?
2. Are you safe?
3. Are any other personnel or visitors present?
4. Where is the chimp? (may or may not be known at the time of the call)
5. Who is the chimp? (may or may not be known at the time of the call)
6. Where are the rest of the chimps?

The instructions given by CERT are dependent upon the staffing at the sanctuary.

One Animal Care person on site:

Personnel are not to pursue or track the animal alone. Rather, they should assist CERT in preparation for the recovery of the animal. CERT member should request the following assistance if applicable:

1. Contact and inform the rest of CERT and DART (Designated Advance Rifle Team). Contact and inform the Park Ranger and the Veteran's Cemetery. Phone numbers are located on the employee phone list.
2. Place notification sign on the entry door of the building you are in for incoming personnel and blow air horn as they exit their cars.
3. Prepared radios and locks for use when additional personnel arrive.
4. Prepare rifles and darts.

Two or more Animal Care personnel on site:

In addition to the items listed above, personnel may provide the following additional assistance if requested by the CERT:

1. Sound the air horn.
2. Contain the rest of the animals in a secure area in order to utilize enclosures for guiding the chimp back to the colony. This is dependent upon the location of the escaped chimpanzee.
3. Track the chimpanzee at a safe distance in an enclosed vehicle with a mobile telephone and a hand-held radio.
4. Sit in an enclosed vehicle at the gate to assure no traffic other than CERT enters. Personnel should provide radios to arriving CERT members.
5. Prepare the gate with the Code Green sign and place additional radios in the mailbox for incoming CERT and DART.

If notification has not been put on the gate, the first CERT or DART members to arrive places the notification upon arrival to inform additional staff. The placement of radios in the mailbox outside the gate for other arriving staff should immediately follow. Personnel approaching the gate once notification has been placed will retrieve a radio from the mailbox to gather additional information or to gain permission to enter.

The first CERT member to arrive becomes the Chief and is responsible for the operation and direction of the staff when full staff is not present. If full staff is present, a member of the veterinary team is priority to serve as Chief. The Chief will also designate a "Communicator" to be the main communicator between administrative staff, other staff members on site, and the Chief.

Full Staff on site:

Once a chimp escape has been realized, the air horn should be sounded over the radio followed by radio transmission of "CODE GREEN" and repeated. If personnel are not equipped with an air horn, radio transmission should be initiated and the air horn will be sounded from an office. Once an air horn is sounded, staff should repeat the sound with the air horn from their area, if safe to do so.

*Air horn locations: Conference Room, Front Desk (Building A), 1st floor entry hallway of animal buildings, enrichment kitchens, break rooms, vet procedure rooms, animal wings, intro rooms, maintenance shop, Food Storage, Coypu housing, and Haven House.

ROLES AND RESPONSIBILITIES:

Administrative Personnel: Confirm safety of all volunteers, students, and staff. (This should be done by phone or on radio Channel 2. CERT transmission will be on radio Channel 1.) Further responsibilities include monitoring cameras, informing the ranger, and informing the Veteran's Cemetery. Notify the Communicator on Channel 2 when the safety of all individuals on site is confirmed, if the safety of any individual is not confirmed, or if shelter is being sought in areas other than designated safe areas. Assist front desk personnel and Administrative Director. Lock upstairs doors. Go to safe area.

Care Staff:

1. Secure your work area and report to the nearest safe area in the vet clinic of the building you are working in (Building A, B, C, D, or McGrath).
2. Confirm safety to Front Desk personnel or designated individual via phone (x5780) or by radio on Channel 2.
3. If travel to one of the safe areas is not advisable, temporary shelter in the habitat or corral buildings should be sought, followed by notification of your location to administrative personnel. The CERT will work toward transferring you to a main safe location, depending on the situation.
4. Be ready to assist with shifting animals, preparing food treats and lures, making darts, or participating in the herd/capture of the chimpanzee(s) depending on the situation and as requested by CERT.
5. Once clearance has been given by the CERT confirming the security of the outside of the building, care staff personnel should proceed cautiously with a CO₂ extinguisher into the wings of the buildings relating to the escape, making sure to look through the windows to evaluate the safety of moving forward. Head counts should be performed to confirm there are no other escapees. Findings should be reported by a single person to the Communicator on Channel 2. At that point, attempts may be made to shift animals to secure areas for herding or recovery in the event sedation is required. Please make sure locks are double-checked when shifting. These specific areas will depend on the location of the break and the ability to shift animals. One care staff member should be designated to relay the information to the Communicator.

Maintenance: Retrieve van, truck, or other enclosed vehicles and bring to a location requested by CERT. Prepare the vehicles with 5lb. CO₂ extinguishers. Take one enclosed vehicle to the front gate and secure the gate with a lock and chain if safe to do so. Place "CODE GREEN" notification sign on the gate. Be prepared to participate in the herd and recapture of the chimpanzees.

Vet Staff:

1. Respond as Chief of the CERT.
2. Retrieve the sedation boxes and prepare sedation apparatus.
3. Assess location of chimpanzee and develop plan for capture.
4. Communicate with Communicator on location and plan. Participate in the herd/capture of the chimpanzee(s).
5. Request assistance from members of staff who participate on the DART and are prepared to act in the event of an emergency.

Animal Care Management: Assure that interns and visitors are safe and participate in the herd/capture of the chimpanzee(s) as trained and determined by the CERT Chief.

METHOD OF SEARCH:

- Items to have contained on capture vehicles include radios, cell phone, fire extinguisher (CO₂), air horns, food treats, keys, PPE, and sedation tools.
- If the location of the chimpanzee and the method of escape are unknown, the team will need to start the search by first identifying the escape route.
- If the method of escape is known, the search should begin in that area and proceed to any nearby food, trash, or animal areas via an enclosed vehicle.
- Each search team should consist of 2-3 people – a member of DART, a member of vet staff, and a member of care staff is preferred in each vehicle. Some personnel may play dual roles (i.e. member of care staff who is on the DART). One person should be designated to speak on the radio to avoid confusion.
- Attempts may be made to safely herd the chimpanzee into an empty enclosure (play yard or habitat) before sedation is considered. Each animal's health, behavior, and surrounding environment must be assessed and together will determine the course of action. The below scenarios are therefore generalizations to consider rather than definitive methods of capture:
 - a. **Habitat Escape:** Attempts will be made to shift chimpanzees inside from the habitat and then herd the escaped animal inside the habitat. Plan B would include shifting animals out of the nearest play yard and then lure/herd the chimpanzee into that area.
 - b. **Corral Escape:** Attempts will be made to shift chimpanzees inside from the corral and then herd the escaped animal inside the corral. Plan B would include shifting animals out of the nearest enclosed area and then lure/herd the chimpanzee into that area.
 - c. **Courtyard Escape:** Entrance into the safety cages at the end of each wing would be attempted and secondary to that would be any enclosed area where personnel were not present.
 - d. **Jungle Gym:** Attempts will be made to shift the remaining animals inside and then herd the animal(s) inside the Jungle Gym. Plan B includes entrance into the enclosed safety cage at the end of Wing 3, followed by sedation.
 - e. **Chimpanzee in/over the Moat:** No attempt to jump in the water should be made by personnel. A life preserver will be thrown to the chimpanzee for flotation. The capture team will monitor from an enclosed vehicle and will be prepared to first herd the animal around the moat if it exits the water on the human side. An enclosed vehicle will follow around the perimeter and be prepared to keep a visual on the chimpanzee should it run into the woods, always maintaining a safe distance.
 - f. **Chimpanzee up a tree:** Attempts will be made to lure the animal.
 - g. **Discovery Day Escape:** Security guards and Discovery Day staff will herd people to the center of the moat and out toward the parking lots after receiving "CODE GREEN" notification. Radio transmission will continue on Channel 2. Visitors will be asked to sit in their cars with the windows rolled up. Any non-essential staff to the recovery of the chimpanzee or individuals without cars will remain in the storage

shed or Best Friends hut, until they can be transferred safely to another safe area. The shed should be locked from the inside when being used as a safe area. CERT members will access enclosed vehicles at the moat and respond to the situation.

- Confirmation of Safety: Once Discovery Day area has been cleared of visitors and the staff is secure, the safety of visitors and staff should be transmitted by a designated individual from the Discovery Day staff on Channel 2 to the Communicator. A separate individual will confirm the safety of animal care staff at the building. The Chief of CERT will designate an individual as the Communicator. That individual will confirm the safety of animal care staff to CERT on Channel 1.
- h. If attempts to herd/lure the chimpanzee are unsuccessful, the animal is to be sedated. At this point, the DART is deployed by the CERT. If more than one team has been organized for the recovery effort, detailed contact should be made between teams in order to avoid injury to chimpanzee or personnel.
 - i. Upon sedation, determination of a safe approach to the animal should be made by the Veterinarian or by the Chief of CERT in consultation with the Veterinary Technician in the absence of the Veterinarian.

Items to Remember:

An escaped chimpanzee will generally be very nervous outside his/her enclosure and will often stay in the immediate vicinity seeking familiarity. Speak slowly and at a normal tone when communicating by radio between teams or to other staff members. As your adrenaline will probably be in full gear, this may require a conscious effort.

When giving directions to the CERT or other personnel, the Chief should ask if the directions are understood, and if there are any questions. As the safety of personnel is dependent upon everyone's actions, it will be imperative that instructions are made clear and are understood.

During an escape where the chimpanzee is inside the building, every attempt should be made to safely close secondary doors even with the bolt of one lock as this could prevent an even worse situation from occurring.



PROCEDURES

Policy Title: **Habitat Husbandry, Schedule, and Procedures**

Number: **HUSB-14**

Date Adopted: **1/06**

Date revised: **3/5/18**

Written by:

Approved by:

(b) (6)

(b) (6)

Amy Fultz
Director of Behavior and Research

Rana Smith
President and Chief Executive Officer

SCOPE:

This policy applies to all Chimp Haven, Inc. animal care personnel and provides procedures for maintaining and cleaning the outdoor habitats.

PROCEDURES:

Materials

Cleaning Equipment and Supplies

- Low Pressure Hose
- Hot Water Pressure washer
- Husbandry supplies
 - Keys for locks
 - Spare Locks (to replace damaged or missing locks)
 - Spray bottle with dilute disinfectant (if sanitizing lixits)
 - Plastic Hand Scraper
 - Plastic shovel
 - Long bottle brush for termite mound cleaning
 - Long-handled Scrub Brush
 - Versatile Scrubbing tool (Doodle Bug Recommended)
 - Rubbermaid trash can
 - Rake
 - Long pins for secondary locking mechanism
 - Trash bags for plastic refuse and enrichment
 - Chain saw for downed trees (to be used by trained maintenance personnel)

Consumables

- Disinfectant
- Dilute disinfectant
- Degreaser

- Enrichment devices (specified by Enrichment Daily Plan)
- Bedding

Personal Protective Equipment

- Gloves
- Eye protection with a dust mist mask for dust particle allergies
- Boots
- Face shield
- Respirator

Safety

Follow Animal Area Entry Procedures for Chimpanzee Housing area (HUSB-01)

Daily Procedures

From outside the enclosure:

1. Check that all locks and gates are secure and free of damage. Replace locks that are missing or damaged. Report missing locks to supervisor.
2. Check that all chute panels are closed and locked
3. Evaluate need for spot cleaning or mowing
4. Check for snakes and other vermin. Report positive findings to Maintenance and Supervisor
5. Check for fallen trees. Report positive findings to Maintenance and Supervisor

Bi-Weekly Procedures

Sanitizing Lixits

1. Spray lixit with dilute disinfectant mixture
2. Scrub off gross debris with lixit scrub-brush.
3. Rinse with fresh water
4. Spray again and let sit for 5 minutes
5. Rinse with fresh water.
6. Check water lixit

Spot Cleaning and Habitat Maintenance

1. Check habitat locks and gates
2. Check habitat for fallen or dead trees and remove or report to maintenance for removal
3. Check habitat for mushrooms, and remove if found (wear disposable gloves)
4. Check walls, mesh and moat area for any maintenance or husbandry needs, including drainage issues
5. Change location of any unsecured items to assess potential pest issues.
6. Use a long handled bottle brush with a dilute bleach solution to clean the pipes of the termite mound. Rinse with water. Place bowl inside the mound to capture the solution and water. Remove bowl when finished
7. Check climbing structures for any maintenance needs
8. Use scraper to remove dried feces, food, and dirt off stationary enrichment devices, walls and any accumulation on ground
9. Using hand rake and shovel to scoop debris/feces into piles and place in Rubbermaid dumpster
10. Rubbermaid dumpster is dumped into approved dump area only (Refer to Trash Disposal

11. Replace enrichments per schedule

Monthly Procedures

Sanitize Concrete/Upper Mesh

Gross Debris removal

1. Collect all hazardous debris (broken or sharp objects)
2. Remove all enrichment devices that are mobile – to be taken outside the enrichment kitchen for recycling
3. Use scraper to remove dried feces, food, and dirt off stationary enrichment devices, mesh and walls.
4. Consolidate all debris with broom and plastic shovel and place in Rubbermaid dumpster

Sanitizing Structures

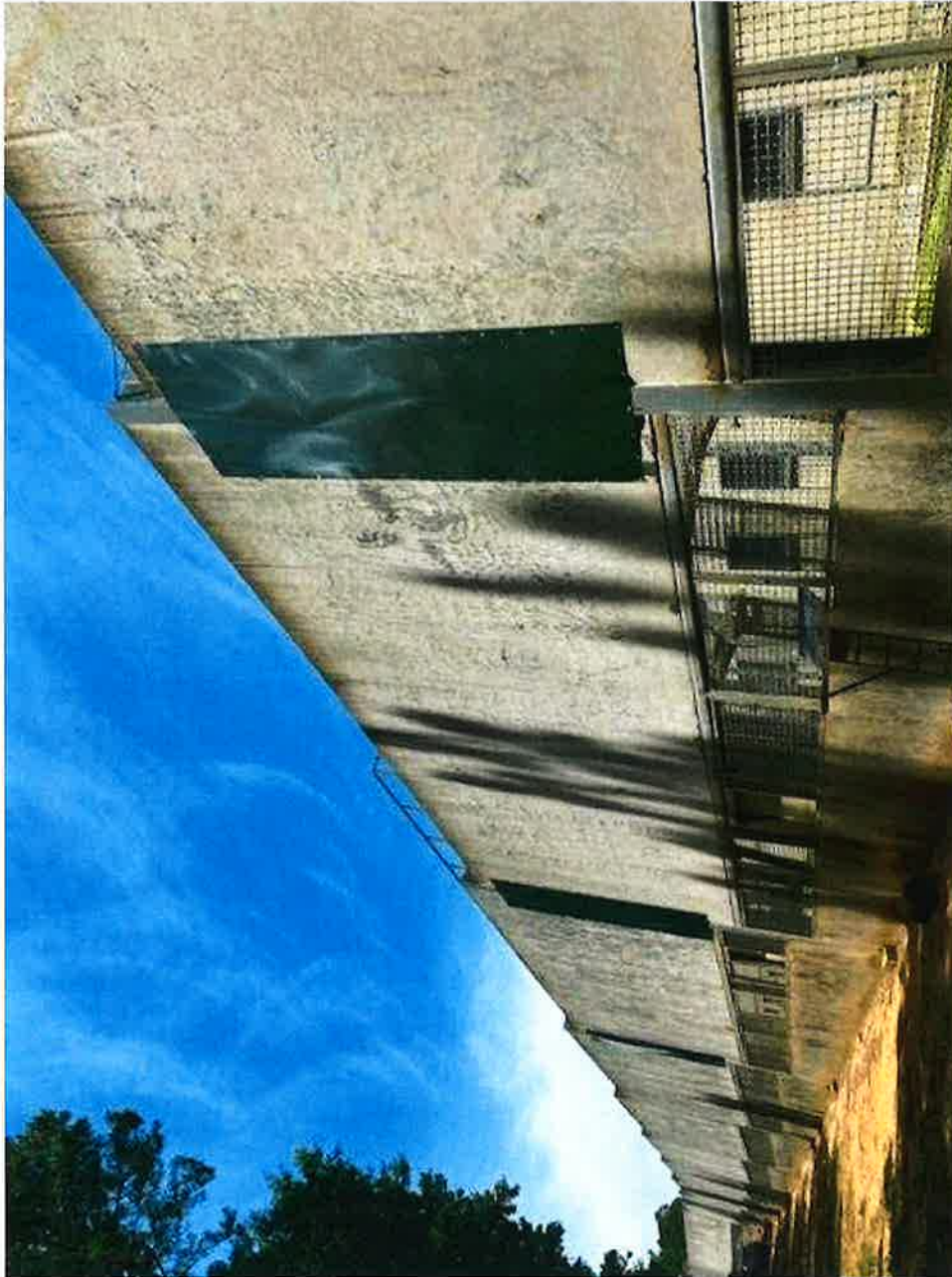
1. Apply disinfectant cleaner to structures, walls, concrete and mesh via foamer
2. Agitate and scrub with scrubber
3. Use long handled brush to scrub wire fencing
4. Use the Hot Water Pressure Washer to remove debris and rinse enclosure after 15 min. of exposure to disinfectant
5. Assess level of sanitization visually – repeat process again if needed
6. Squeegee area dry of standing water from concrete areas
7. Clean drains

Maintenance

1. Lubrication of all locks
2. Assess the growth and integrity of the tree line (maintenance and carestaff)

Every Three Months Procedure

1. Sanitize lixits and do spot cleaning and habitat maintenance as described above
2. Sanitize wire, wood and concrete areas that the chimpanzees may contact
3. Maintenance of mesh panels and walls: Identify and address cracks or weaknesses.









Wolff, Axel (NIH/OD) [E]

From: OLAW Division of Compliance Oversight (NIH/OD)
Sent: Monday, June 21, 2021 7:01 AM
To: Rana Smith
Cc: OLAW Division of Compliance Oversight (NIH/OD)
Subject: RE: Chimp Haven Report of Adverse Event - Assurance A4518-01

Thank you for this report and the supporting documents, Ms. Smith. We will send a response soon.
Axel Wolff

From: Rana Smith <rsmith@chimphaven.org>
Sent: Thursday, June 17, 2021 12:52 PM
To: OLAW Division of Compliance Oversight (NIH/OD) <olawdco@od.nih.gov>
Cc: 'accredit@aaalac.org' <accredit@aaalac.org>; Amy Fultz <afultz@chimphaven.org>
Subject: Chimp Haven Report of Adverse Event - Assurance A4518-01

Dear OLAW Representatives,

Chimp Haven would like to submit the attached Report of Adverse Event for your review regarding the escape of a 4-year old chimpanzee, Carlee. I have also included several husbandry SOP's and photos referenced in the report.

Please let me know if you have any questions or need additional information.

Best wishes,

Rana Smith



Rana Smith | President and Chief Executive Officer
13600 Chimpanzee Place
Keithville, LA 71047
Mobile: (b) (6) | Fax: (b) (6)
chimphaven.org



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Initial Report of Noncompliance

By: (b) (6)

Date: 6/9/21

Time: 9:45

Name of Person reporting: Raven Jackson Hewitt

Telephone #: (b) (6)

Fax #:

Email:

Name of Institution: Chimp Haven

Assurance number: A4518

Did incident involve PHS funded activity? Yes

Funding component:

Was funding component contacted (if necessary):

What happened?

Juvenile chimp escaped twice by using tree
limbs + beam. Was sheered back into pen.

Species involved: Chimpanzee

Personnel involved:

Dates and times:

Animal deaths:

No injuries or adverse effects.

Projected plan and schedule for correction/prevention (if known):

Cut limbs + put extra metal
around beam.

Projected submission to OLAW of final report from Institutional Official:

OFFICE USE ONLY

Case #