

# **Station 11** **Pet Shelter**

## **Section 11**

### **Station 11** **Pet Shelter**

#### **Purpose**

This station will provide monitoring, decontamination, temporary shelter and basic care for evacuee pets.

All vehicles will pass through a vehicle portal monitor. If the vehicle is contaminated, it is assumed the occupants are contaminated. **Vehicle Portal Monitor staff will issue shoe covers and surgeon gloves to the occupants of the contaminated vehicle and provide a map to Vehicle Decontamination and the Pet Shelter.**

**The occupants of contaminated vehicles must place shoe covers on their feet and gloves on their hands before they drop off pets at the Pet Shelter. They will leave their vehicle at Vehicle Decontamination and enter the shuttle bus back to the reception center.**

#### **Animals from clean vehicles**

Animals from clean vehicles are left in those vehicles until the evacuees return from registration.

In case of severe weather conditions: (Heat greater than 70F degrees or cold less than 20F degrees) The animal disaster team will set up a clean animal care center in the East Hall of the Rogers High School. Its entrance is on the north side of the High School. Pet owners may leave their pets there while in the Reception Center. A family (evacuee) member may stay with the pet while the other family members are in the Reception center process.

# Pet Shelter

## Overview: Traffic Control1)

This station is located in the Vision Transportation Company facility a mile west of the reception center. The building also houses the vehicle decontamination facility for the reception center. Evacuees with contaminated animals will drop off their contaminated animals and cars and then take a shuttle bus back to the reception center.

Animals are dropped off at the registration desk (Area 1). Owners will cage their animal for monitoring. Evacuees may pick up their pet after they have processed through the Reception Center.

## Section 11

### Traffic Control1 - Companion Animal Animal Processing Station Members

Below is the minimum number of staff needed to operate this station.

Animal Processing

<b>Agency</b>	<b>Position</b>	<b>Number of Staff</b>
MNADC	Station Leader/Radio Operator	1
MNADC	Monitor	2
VET Corp	Registration	2
VET Corp	Decon Holding Area	2
VET Corp	Decontamination	4
MNADC	RPS	1
VET Corp	Care and Sheltering	2

# **Station 11**

## **Start-up Procedures**

### **All Station Workers**

#### **Section 11.0**

##### **Traffic Control1 Pet Shelter All Station Workers**

- A)** Report to the DHS Director of Reception Center Operations at the Facility Management at Incident Command, if you have not already done so.
  - i.** Get briefed and get your station and position assignment. Review your station procedures and layout maps.
  - ii.** Place a name tag on your chest.
  - iii.** Pick up all necessary supplies from Station 9.
- B)** Report to Traffic Control1 and check in with the Station Leaders. Set up Traffic Control1 via attached diagram.
- C)** Station Leader will inform Incident Command via the hand held radio when the station set up is complete.

---

#### **Note:**

Always wear dosimetry at chest level. Read the DRD dosimeter at least every half hour. If it goes off scale or is greater than 150mR, go immediately to the Radiological Protection Specialist or, if unavailable, radio "Radiological Support" for assistance.

---

- D)** After the Station set up is complete, the Recorders, RPS, Monitors and Animal Decontaminators put on their anti-contamination (Anti-Cs) in the following order.
  - i.** Tyvek suits
  - ii.** Inner cotton liner gloves;
  - iii.** Outer surgical gloves;
  - iv.** Outer shoe covers (yellow boots).
- E)** Obtain your dosimetry from your RPS. All staff will wear both a DRD and a TLD.
- F)** At the end of each shift, brief your replacement on procedure changes or modifications and report to the main part of the Reception Center.
  - i.** Report first to Station #5 for monitoring to ensure you are not contaminated;
  - ii.** Then turn in your dosimetry to Radiological Support;
  - iii.** Check out at Incident Command to be rescheduled for your next shift.
- G)** If you are a part of the last shift for this emergency, close down Traffic Control1 and the facility using the procedures listed in Section XII.

# **Station 11**

## **Station Leader Procedures**

### **Animal and Evacuee Processing**

#### **Section 11.1**

##### **Traffic Control<sup>1</sup> Pet Shelter Station Leader Duties**

#### **11.1 Station Leader Duties**

There is one Station Leader for this station. Station Leaders will:

- A)** Control your area of this station.
- B)** Brief the Station team about the Station's operation. Ensure that the station members read procedures before they begin each shift.
- C)** Relay information to other Station Leaders and Facility Incident Commander via the hand-held radio.
- D)** Familiarize yourself with the monitoring process and observe and correct the monitoring procedures at their station as needed.
- E)** Request radiological assistance from the Radiological Protection Specialist (RPS) or the Lead Radiological Protection Specialist at Radiological Support Radiological Support.
- F)** Direct questions about the Reception Center operation to the Director of Reception Center Operations at Incident Command.
- G)** Maintain order at their station:
  - Keep talking to a minimum:
    - to allow Monitors to hear their instruments;
    - to allow staff to provide animal care instructions and directions;
  - Keep station workers from milling around:
    - to maintain the clean/dirty separation of the station;
    - to keep walk ways clear;
    - to keep animals calm.
- H)** Enforce the Reception Center rules concerning:
  - **NO** smoking, eating, drinking, chewing while on duty.
- I)** Observe and correct contamination control among station workers.

# **Station 11**

## **Animal Processing Registration Procedures**

### **Section 11.2**

**Traffic Control1      Pet Shelter**  
**Animal Processing    Area #1**

#### **11.2 Registrar's Duties: Area #1 - Information (see floor plan map)**

There should be at least two people in this position. Fill out the "Companion Animal Survey and Decontamination" form, Part 1 for each animal that is brought into the decontamination facility. Ensure that the form goes with the animal.

##### **A) Registrar's Procedures: Area #1 – Information**

- i.** Observe cross-contamination techniques. Evacuees will have surgical gloves on to assist with limiting cross-contamination.
- ii.** Wear Anti-C clothing (Tyvek, inner cotton liner gloves and outer surgical gloves, yellow boots).
- iii.** Greet each individual as they enter the facility.
- iv.** Complete the "Companion Animal Survey and Decontamination" form, Part 1 for each animal.
- v.** Label the identification bands with owner name and name of pet. Place identification bands on each animal.
- vi.** Direct the owner to cage the animal. Assist as needed and direct the owner to return to the Reception Center for personal monitoring.

# Station 11

## Animal Processing

### Monitor Procedures

#### Section 11.5

#### Traffic Control1 Pet Shelter

#### Animal Processing Area #4 – Animal Monitoring

#### 11.5 Monitor Duties: Area #4 – Animal Monitoring

Monitor companion animals using the hand-held Ludlum 3 instruments or the pet portal monitor. The pet portal monitor will not be available for the first 24 hours of an incident. Staff safety is paramount. At no time, place yourself or other staff in danger. Do not attempt to monitor an animal that is vicious or is out of control.

Complete Companion Animal Survey and Decontamination form, Part 2 for each animal using information from monitoring techniques A or B of this section.

#### A) Monitor Procedures Caged Animals (Pet Portal Monitor)

- i. Work in teams of two.
- ii. Wear appropriate safety equipment and Anti-C clothing (Tyvek suit, inner cotton liner gloves, outer surgical gloves and yellow boots).
- iii. Place the caged animal in the portal monitor.
- iv. Allow the portal monitor to complete its measurement.
- v. Record the readings on the form.
  - If the animal isn't contaminated, have it taken to the Clean Animal Claim Area.
  - If the animal is contaminated (**Contamination limit is 300CPM + Background - less than this is not considered contaminated**), inform the animal decontamination staff and bring the animal to the entrance of the Animal Decontamination area. Have the animal decontamination staff move animal into the decontamination area.
- vi. After monitoring each animal the monitoring team must monitor themselves to ensure that they are not contaminated.
  - If you are not contaminated, continue monitoring animals.
  - If you are contaminated, proceed to Area #3 – Animal Decontamination to remove Anti-Cs. After removal, proceed to Area #4 and get re-monitored to ensure that you are not contaminated.

If you are not clean, proceed to Reception Center Station #5. If you are not contaminated put back on a new set of Anti-Cs (Tyvek suit, inner cotton liner gloves, outer surgical gloves and yellow boots) and return to Area #3.

- B) Monitor Procedures Un-caged Animals (Hand-held Ludlum 3's)**
- i.** Work in teams of two monitors. One monitor should restrain the animal while the other monitor does the monitoring. Results should be called out to and recorded by the Recorder who is accompanying the animal.
  - ii.** Wear appropriate safety equipment and Anti-C clothing (Tyvek suit, inner cotton liner gloves, outer surgical gloves and yellow boots).
  - iii.** Control the animal so the hand-held survey meters can be used.
  - iv.** Start at the head and work back. Check the feet last. Monitor the animal using a slow, straight line motion over the animal. Keep the probe within 1" of the animal. Move the probe at a 2"- 3" per second rate over the animal.
  - v.** Have the recorder that is following the animal through the monitoring process record the readings on the form.
    - If the animal isn't contaminated, have it taken to the Area #6 - Clean Animal Claim Area.
    - If the animal is contaminated (**Contamination limit is 300CPM + Background**), inform the animal decontamination staff and bring the animal back to the entrance of the Animal Decontamination area. Have the animal decontamination staff move the animal into the decontamination area.
  - vi.** If unable to decontaminate the animal, bring it to Area #5 - Contaminated Animals. Consult with the owner and a member of FEMA Region V, Veterinary Medical Assistance Team (VMAT) on additional decontamination procedures.
  - vii.** After monitoring each animal the monitoring team must monitor themselves to ensure that they are not contaminated.
    - If you are not contaminated, continue monitoring animals.
    - If you are contaminated, proceed to Area #3 – Animal Decontamination to remove Anti-Cs. After removal, proceed to Area #4 and get re-monitored to ensure that you are not contaminated. If you are not contaminated put back on a new set of Anti-Cs (Tyvek suit, inner cotton liner gloves, outer surgical gloves and yellow boots) and return to Area #4 to monitor.

If you are contaminated, proceed to Main Reception Center Station #5.

# **Station 11**

## **Animal Processing**

### **Decontamination Procedures**

#### Section 11.7

Traffic Control1 Pet Shelter

Animal Processing Area #3 – Animal Decontamination

#### **11.1 Decontamination Staff Duties: Area #3 – Animal Decontamination**

The decontamination staff will attempt to decontaminate animals using simple decontamination techniques. These techniques include washing the animal with mild soap and water. Do not attempt the decontamination of a dangerous animal.

##### **A) Decontamination Procedures**

- i.** Work in teams of two.
- ii.** Wear appropriate safety equipment and Anti-C clothing (Tyvek suits, face shields, inner cotton liner gloves, outer surgical gloves and yellow boots).
- iii.** Shampoo Decontamination
  - Shampoo the animal behind the enclosed area with mild soap and light scrubbing. Heavy scrubbing may drive the particles deeper or lead to inflammation that will allow for the absorption of particles. Dry the animal as much as possible before sending it to Area #4 – Animal Monitoring.
- iv.** If unable to decontaminate the animal, bring it to Area #5 - Contaminated Animals. Consult with the owner and a member of FEMA Region V, Veterinary Medical Assistance Team (VMAT) on additional decontamination procedures.

# **Station 11**

## **Animal Processing**

### **Clean Animal Claim Area Registration**

#### **Section 11.8**

##### **Traffic Control1 Pet Shelter Animal Processing Area #5**

#### **11.8 Registration Staff Duties: Area #7 – Animal Pickup**

Reunite uncontaminated animals with evacuees. Confer with evacuees whose animals were not able to be decontaminated.

##### **A) Registration Procedures**

- i.** Reunite owners with appropriate animals. Verify (with a picture ID) that the owner's name matches identification band on pet.
- ii.** Complete Part 4 of the "Companion Animal Survey and Decontamination" form.
- iii.** Inform evacuees whose animals were not able to be decontaminated that their animals are in the Area # 5 - Contaminated Animals. Inform them that a Veterinary Medical Assistance Team has been contacted and is en-route to assist with decontamination.

# **Station 11**

## **Radiological Protection Specialist Procedures**

### **Section 11.13**

#### **Traffic Control1**

#### **Pet Shelter**

#### **11.13** Radiological Protection Specialist Duties

RPS will provide radiological support to Station 11, i.e., survey meter operational testing and distribution, contamination control and advice, and decontamination assistance.

#### **A)** General Procedures

- i.** Zero and distribute dosimetry before you perform operational checks and distribute the survey instruments. Full dosimetry (one dosimeter and a TLD per person) is issued to everyone at Station 11.
- ii.** Obtain Background Radiation Level/Contamination Limit signs for your station.
- iii.** Establish Background Radiation Levels as soon as your station is set up. If needed, update all "Contamination Limit" signs at this time and every half hour at dosimetry checks. Use only China markers on contamination limit signs.
- iv.** Observe the monitoring activities taking place.
- v.** Observe contamination control techniques. Ensure that outer surgical gloves are changed often and that detector covers do not become contaminated. If the covers become contaminated, have them changed.
- vi.** Respond to facility worker questions regarding monitoring procedures, contamination control, etc. If additional information is needed, call the Lead RPS via the Radio Operator.
- vii.** If a dosimeter indicates radiation exposure, determine if it is working correctly by cross-checking the dosimeter readings of the other emergency workers at the station.
- viii.** If the dosimeters indicate a radiation exposure, implement contamination control measures.
- ix.** Assist in other center activities as requested by the Lead RPS.
- x.** If the background levels of the waste rise to 300 CPM, notify the Station Leader to have someone come to remove the contaminated waste. Check the background levels of the waste before it is picked up.
- xi.** Assist with the disassembly of the portal monitors and survey meters and return them to their boxes

- B) Zeroing Self-reading Dosimeter**
- i.** Locate the large plastic bag with marked "Station 11 Dosimeters."
  - ii.** The pistol chargers are in the station kit box.
  - iii.** Follow the directions on the side of the chargers to zero the dosimeters.
  - iv.** Charge the dosimeter to as close to zero as possible without taking too much time. The dosimeters do not have to read exactly zero to be issued to Station 11 staff.
    - Ensure the dosimeters are returned to the same plastic bag they were taken out of. They are matched to a TLD. Don't mix them up.
    - Check the calibration due date on each dosimeter prior to issuing. Ensure that all dosimeters that are issued are within calibration due limits.
  - v.** If not already done, record on the Individual Dosimetry Registration Card the serial numbers from one pocket Direct Reading Dosimeter (DRD) (0 - 200 mR) and one Thermoluminescent Dosimeter (TLD) card for each facility worker reporting to the Station 11. Place the cards and dosimetry in a plastic bag.
- C) Issuing Dosimetry**
- i.** Workers will put only their name and the initial DRD reading on the dosimetry cards.
  - ii.** Record the names of all Station 11 workers issued dosimetry on the Facility Worker Dosimetry Log. Record the initial reading. After each shift, return the Facility Worker Dosimetry Log and dosimetry cards to Radiological Support.
  - iii.** At the end of a shift, ensure that workers report to Radiological Support to return dosimetry.
- D) Survey Meters**

Assemble, perform an operational test and deliver survey meters to your station as described below (procedure for assembly and operational checks are on the following pages). All survey meters are in marked boxes. RPS meters are marked and have speakers and sources. The sources are used for the operational check of your station's survey meters.

<b>Area</b>	<b>Number of Meters</b>	<b>Type Needed</b>
3	1 Meter	Ludlum 3
4	3 Meter	Ludlum 3
Extra	1 Meter	Ludlum 3
RPS	1 RPS Meter	Ludlum 3

**E) Ludlum 3 Survey Meter Operational Check**

The Model 3 Survey meter will detect alpha, beta and gamma radiation. As radiation passes through the pancake probe, ions are produced. The ions create an electric current in the probe, which flows through the cable and into the meter, causing the needle to move. This meter measures in units of counts per minute (CPM). The scale runs from 0-5k where k=1,000.

There are five positions that can be selected on the knob: Off, Bat, x100, x10, x1, and x0.1. In the x1 position the reading is as shown on the scale. Multiply times 100, 10 or .1 for the other settings. When the range selector is on Bat, the needle should be up in the area marked "Bat TEST".

The RESET button is used to reset the needle back to zero when it has gone off-scale (pegged) because of a high reading. The range can then be changed to a less sensitive range.

The Audio "On" "Off" toggle switch determines whether the meter is audible without using headphones. This toggle should always be in the "On" position.

The "F", "S" toggle switch determines how fast the needle will go upscale. When turned all the way to "S" (Slow), the needle response will be slow and when toggled to "F" (Fast), the response will be fast. It is recommended to be in the Fast Mode.

**To operationally check this instrument, perform the following:**

- Turn the range selector to Bat and observe the needle fluctuation. It should deflect to the area marked "BAT TEST".
- Toggle the Audio switch to "On".
- Perform a response check: turn the range selector to x100 and hold the probe over the check source. The needle should move in response to the source. If instrument fails to fall within +/- 20% of the check source, pull the instrument and send it in for calibration.

- Move the range switch through the lower scales until a reading is detected.
- Toggle the “F” “S” switch to “Fast”.
- Depress the RESET button.
- Check calibration date of instrument.
- Transcribe instrument serial number and calibration date to log.
- Instrument is ready for use.

Deliver the meters to the areas described in table above.

- F)** Ludlum 3 Disassembly/Storage
- i. Leave the batteries in the meters.
  - ii. Disassemble the meters (remove cables and headphones).
  - iii. Leave the probe attached to the meter.