



CDC's Role in the Safe Movement of Biologics and Vectors: At the Port of Entry

**Kendra Stauffer, DVM, Dipl ACVPM
Zoonoses Team Lead, Veterinary Medical Officer
Quarantine and Border Health Services Branch
Division of Global Migration and Quarantine**

**Federal Partners Import Permit Regulations Webcast
December 4, 2019**

Outline

- What happens at the port of entry
- Other (than biologicals) CDC-regulated imports with permit requirements
- CDC's interaction and collaboration with other governmental authorities
- Common entry issues
- Examples of what not to do
- Tips for importing biologics and vectors safely



Photo credit: CDC quarantine stations

What Happens at the Port of Entry

CDC's Quarantine and Border Health Services Branch (QBHSB) Mission

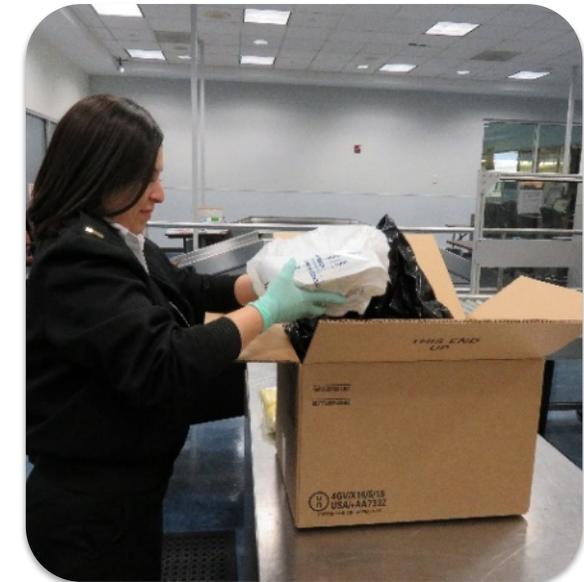
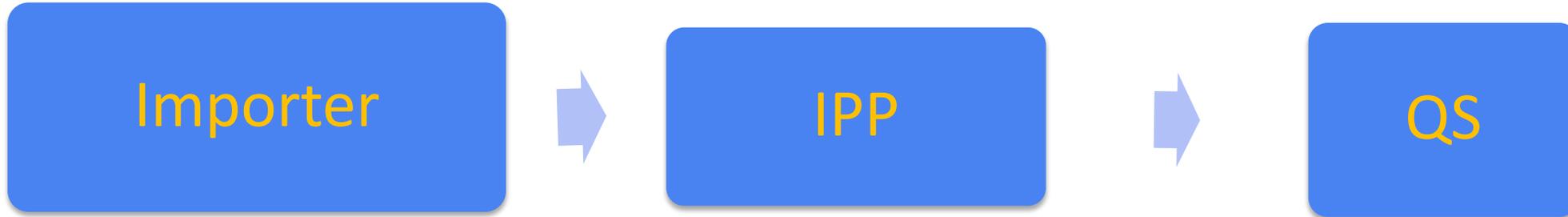


Protect the public's health at US borders and beyond.

QBHSB accomplishes this mission by:

- **Preparing** for response to communicable diseases
- **Enhancing** federal, state/territorial, international, and industry **partnerships**
- **Enforcing** public health **regulations**
- **Responding** to travel-related communicable diseases
- **Supporting and providing technical assistance with** public health at domestic and international borders
- **Communicating with** the public and partners
- **Training** staff, federal, state/territorial and international partners, and industry

Import Permit Program (IPP) and Quarantine Station (QS) Staff at Ports of Entry



<https://www.cdc.gov/cpr/ipp/index.htm>

Other CDC-Regulated Imports with Permit Requirements

CDC-Regulated Animals and Animal Products



CDC-Regulated Animals – Dogs and Cats



Photo credits: iStockPhoto

- Focus is on canine rabies virus variant (dog rabies)
- **Permit required for dogs from high-risk restricted countries (currently Egypt)**
- Rabies vaccination certificate needed for dogs from countries that have high risk of dog rabies
- Cats do not need rabies vaccination certificate
- Dogs and cats must appear healthy on arrival
www.CDC.gov/dogtravel

CDC-Regulated Animals – Turtles and Civets



Permit issued for science, education, or exhibition

- *Salmonella* spp. outbreak in children in 1975
- Applies to ≥ 6 turtles with shell length smaller than four inches
- Severe acute respiratory syndrome (SARS) outbreak in 2003
- Applies to all members of the family Viverridae

CDC-Regulated Animals – Nonhuman Primates, Bats, African Rodents



- Live animals – require permit; only for science, education, exhibition
 - *Nonhuman primates and bats are vectors or carriers for many serious human diseases*
 - *African rodents – since 2003 monkeypox outbreak*



CDC's Interaction and Collaboration with Other Governmental Authorities

Federal Governmental Regulatory Agencies

Animal Importation



United States
Department of
Agriculture Animal
and Plant Health
Inspection Service

- Livestock and equine health
- Animal welfare

- Zoonotic diseases of public health concern

Animal Health

Public Health



- CITES *
- Conservation
- Exotics

Wildlife Health

Border Security

Enforcement at ports
of entry



*Convention on International Trade in Endangered Species of Wild Fauna and Flora

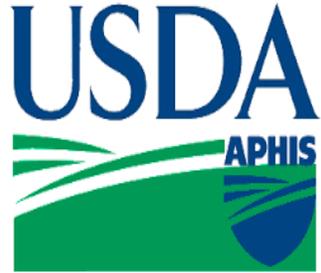
Dog Importation Example: CDC and APHIS



Photo credit: CDC quarantine station

Federal Governmental Regulatory Agencies

Animal Importation



United States
Department of
Agriculture Animal
and Plant Health
Inspection Service

- Livestock and equine health
- Animal welfare

Animal Health

- Zoonotic diseases of public health concern

Public Health



- CITES *
- Conservation
- Exotics

Wildlife Health

Border Security

Enforcement at ports
of entry



*Convention on International Trade in Endangered Species of Wild Fauna and Flora

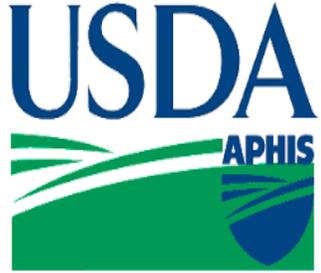
Nonhuman Primate Importation Example: CDC and USFWS



Photo credit – CDC quarantine stations

Federal Governmental Regulatory Agencies

Animal Importation

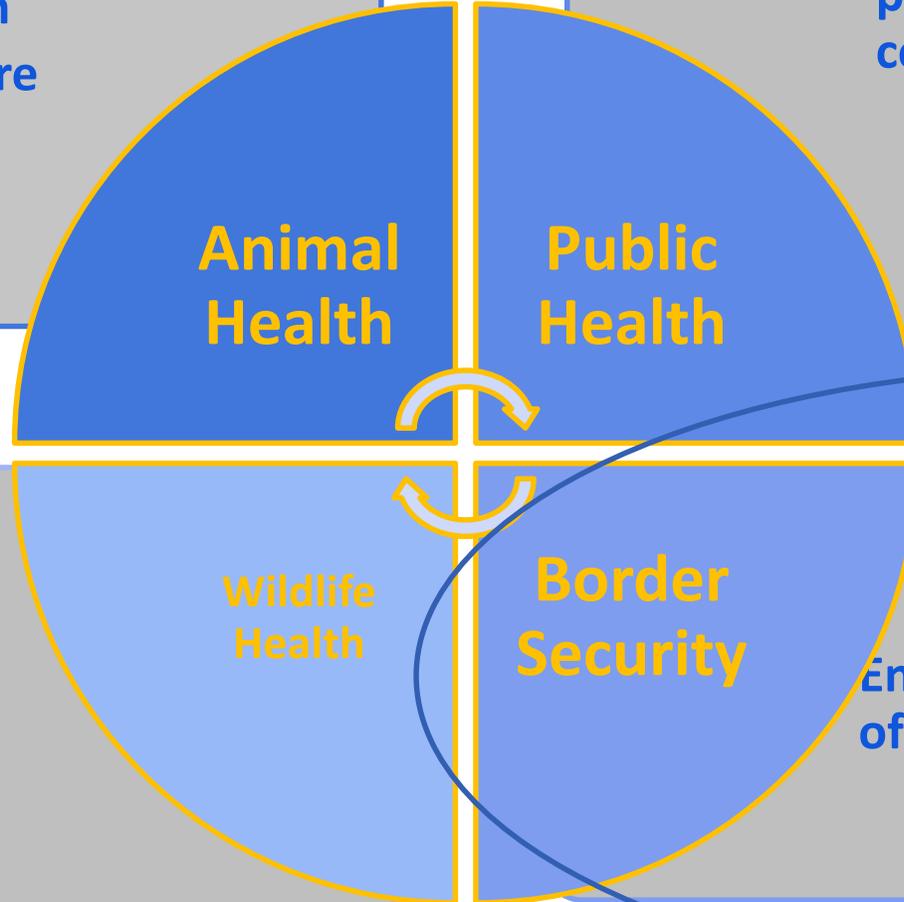


United States
Department of
Agriculture Animal
and Plant Health
Inspection Service



- Livestock and equine health
- Animal welfare

- Zoonotic diseases of public health concern



- CITES *
- Conservation
- Exotics

Enforcement at ports
of entry



*Convention on International Trade in Endangered Species of Wild Fauna and Flora

Customs and Border Protection



Photo credits – CDC Quarantine Stations

Federal Governmental Regulatory Agencies

Animal Importation

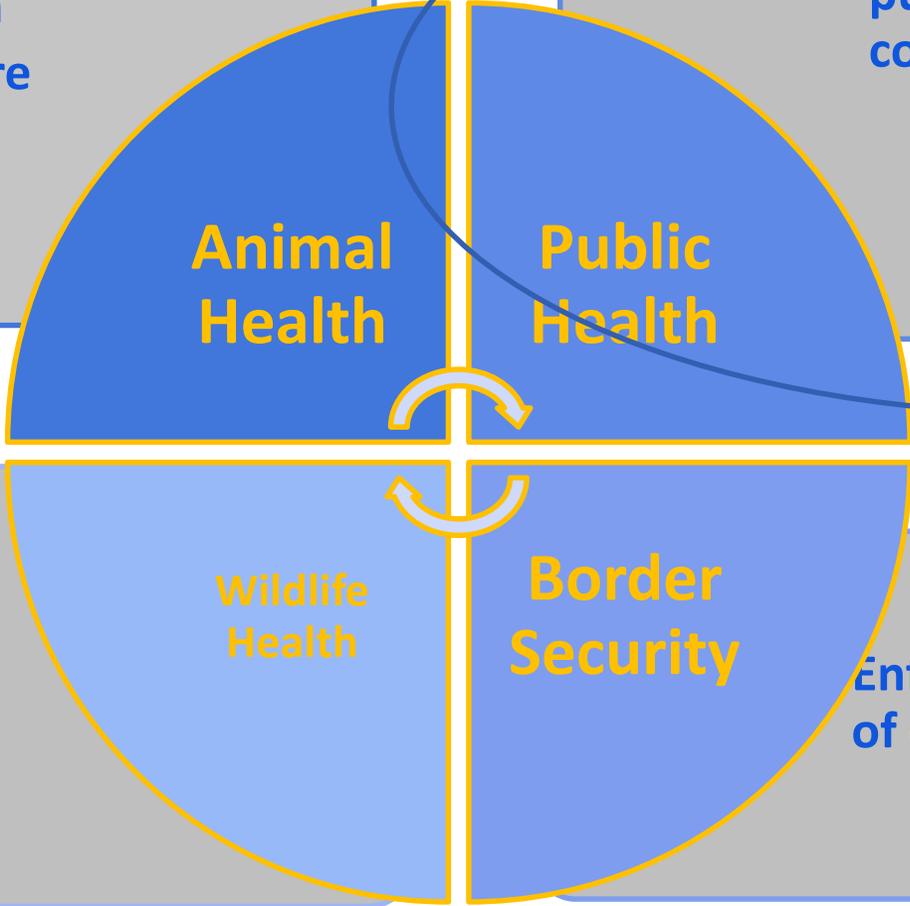


United States
Department of
Agriculture Animal
and Plant Health
Inspection Service



- Livestock and equine health
- Animal welfare

- Zoonotic diseases of public health concern



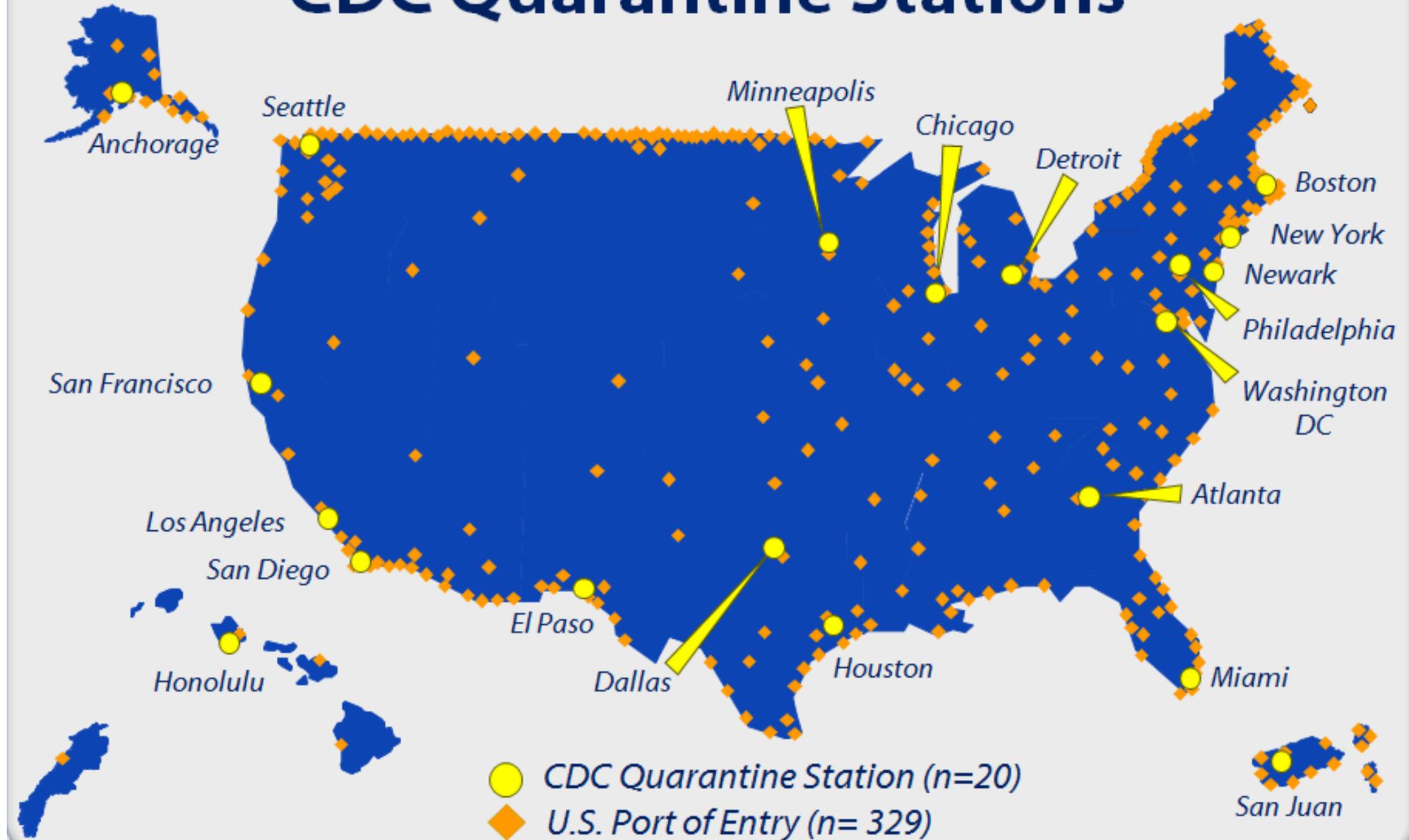
- CITES *
- Conservation
- Exotics

Enforcement at ports
of entry

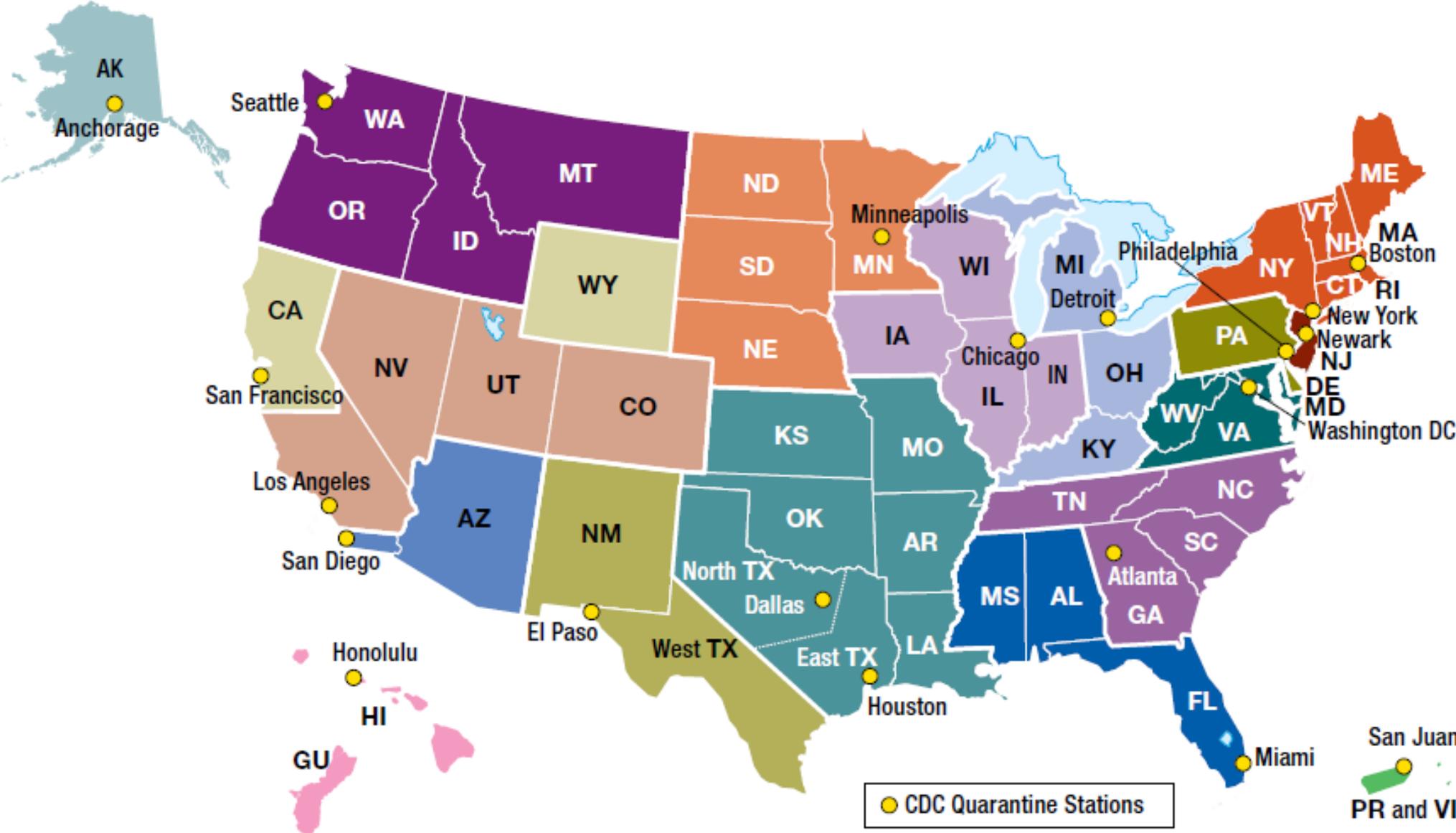


*Convention on International Trade in Endangered Species of Wild Fauna and Flora

U.S. POE and CDC Quarantine Stations



CDC Quarantine Stations



Common Entry Issues

Documents

DEPARTMENT OF HEALTH AND HUMAN SERVICES
PUBLIC HEALTH SERVICE

Centers for Disease Control and Prevention
Office of Health and Safety, MS A-46
Atlanta, Georgia 30333
TEL: 404-718-2077; FAX: 404-718-2093; Email: importpermit@cdc.gov



Permit to Import Infectious Biological Agents, Infectious Substances, and Vectors

In accordance with 42 CFR Section 71.54 of the Public Health Service Foreign Quarantine Regulations, cited on the bottom of this permit, permission is granted the permittee to import into any port under control of the United States, or to receive by transfer within the United States, the material described in Item 1 below.

PHS PERMIT NO.: 20181126-0000A

1. DESCRIPTION OF MATERIAL

ISSUED DATE: 11/26/2018 EXPIRATION DATE: 11/26/2019
Isolates of Candida species.
Jane Doe (404) 000-0000

2. PERMITTEE
(NAME, ORGANIZATION, ADDRESS AND CONTACT INFORMATION)

CDC
1600 Clifton Rd
Atlanta GA 30333

3. SOURCE OF MATERIAL
(NAME, ORGANIZATION, ADDRESS, COUNTRY)

John Doe
Public Health Office
123 Street
Toronto Ontario Canada

4. TYPE OF PERMIT AND INSTRUCTIONS FOR USE

MULTIPLE IMPORTATIONS WITHIN THE U.S.
A. Record of each importation shall be maintained on permanent file by permittee.

B. USDA/APHIS may require additional permits for materials from animals, materials exposed to animal products/byproducts, and agents that are infectious to animals or plants. U.S. Fish and Wildlife Service may require additional permits for materials from endangered animals.

5. CONDITIONS OF ISSUANCE ITEMS APPLICABLE WHEN CHECKED

PACKAGING MUST CONFORM TO 49 CFR SECTIONS 171-180.
WORK WITH THE AGENT(S) DESCRIBED SHALL BE RESTRICTED TO AREAS AND CONDITIONS MEETING REQUIREMENTS IN THE CDC/NIH PUBLICATION "BIOSAFETY IN MICROBIOLOGICAL AND BIOMEDICAL LABORATORIES."

AS THE PERMITTEE, YOUR FACILITY WILL BE SUBJECT TO INSPECTION AT SOME TIME IN THE FUTURE TO CONFIRM THAT THE IMPORTERS BIOSAFETY MEASURES ARE COMMENSURATE WITH THE HAZARD POSED BY THE ITEMS TO BE IMPORTED AND THE LEVEL OF RISK GIVEN ITS INTENDED USE.

ALL MATERIAL IS FOR LABORATORY USE ONLY - NOT FOR USE IN THE PRODUCTION OF BIOLOGICS FOR HUMANS OR ANIMALS.

6. SIGNATURE OF ISSUING OFFICER

Samuel S. Edwin
SAMUEL S. EDWIN, PH.D. DIRECTOR, DIVISION OF SELECT AGENTS AND TOXINS

- CDC Permit to Import Infectious Biological Agents, Infectious Substances, and Vectors

or

- Importer Certification Statement

CDC permit is not the same as USDA Import Permit – you may need both

<https://www.cdc.gov/cpr/ipp/index.htm>

Improper Packaging



Photo credit – CDC quarantine stations

- Condition of CDC import permit is that the importation meets all other federal agency requirements for packaging
- Pictured is a non-adherence to Department of Transportation requirement for proper packaging and transport

Stuart Streck will be talking at 2:45pm about requirements for packaging and transport.

Failure to Declare Biologics or Declare Items Accurately

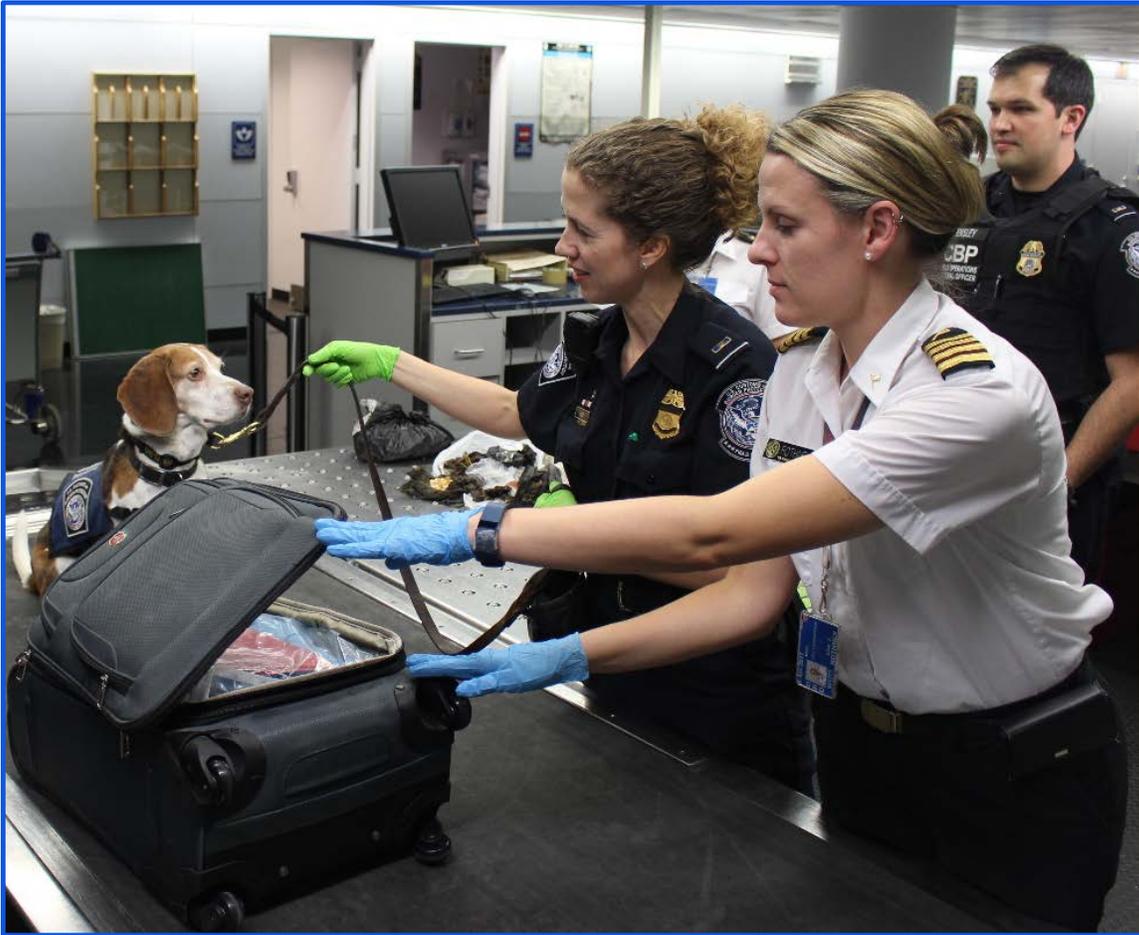


Photo credit – CDC quarantine stations

- Often see packed in suitcase, carry-on bag, or concealed in water bottle
- Must be declared to Customs and Border Protection, and transported in accordance with Department of Transportation and International Air Transport Association requirements
- Must be entered and manifested correctly

CBP Senior Operations Manager Kristen Williams will be talking at 2:15pm about requirements

Examples of What Not to Do

Bat Blood from Mexico



Photo credit: CDC quarantine stations

Cholera from Ghana



Photo credit: CDC quarantine stations

H1N1 and H7N9 Influenza from China

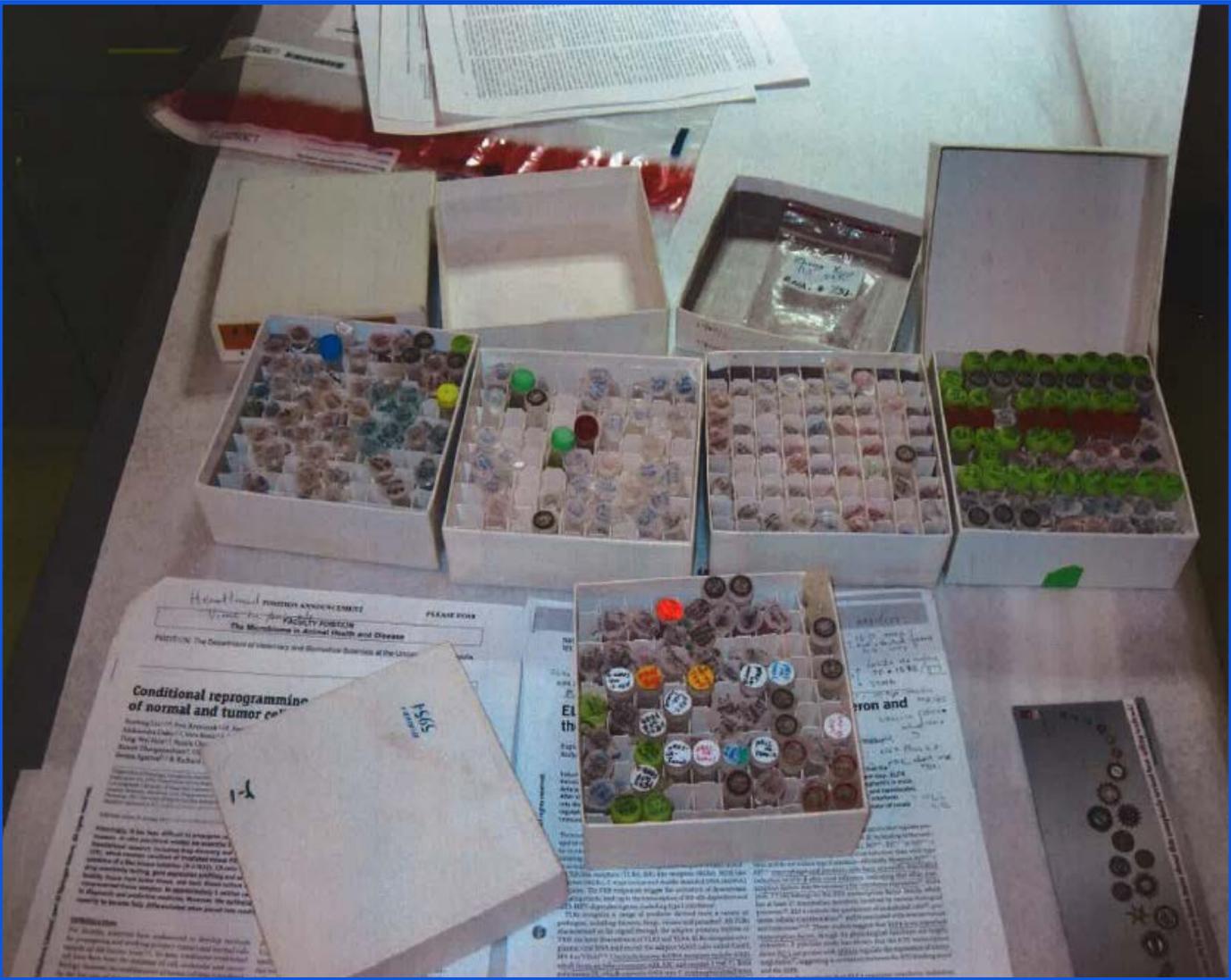


Photo credit: CDC quarantine stations

Human Tissues for Training Abroad



Human Heads from Israel

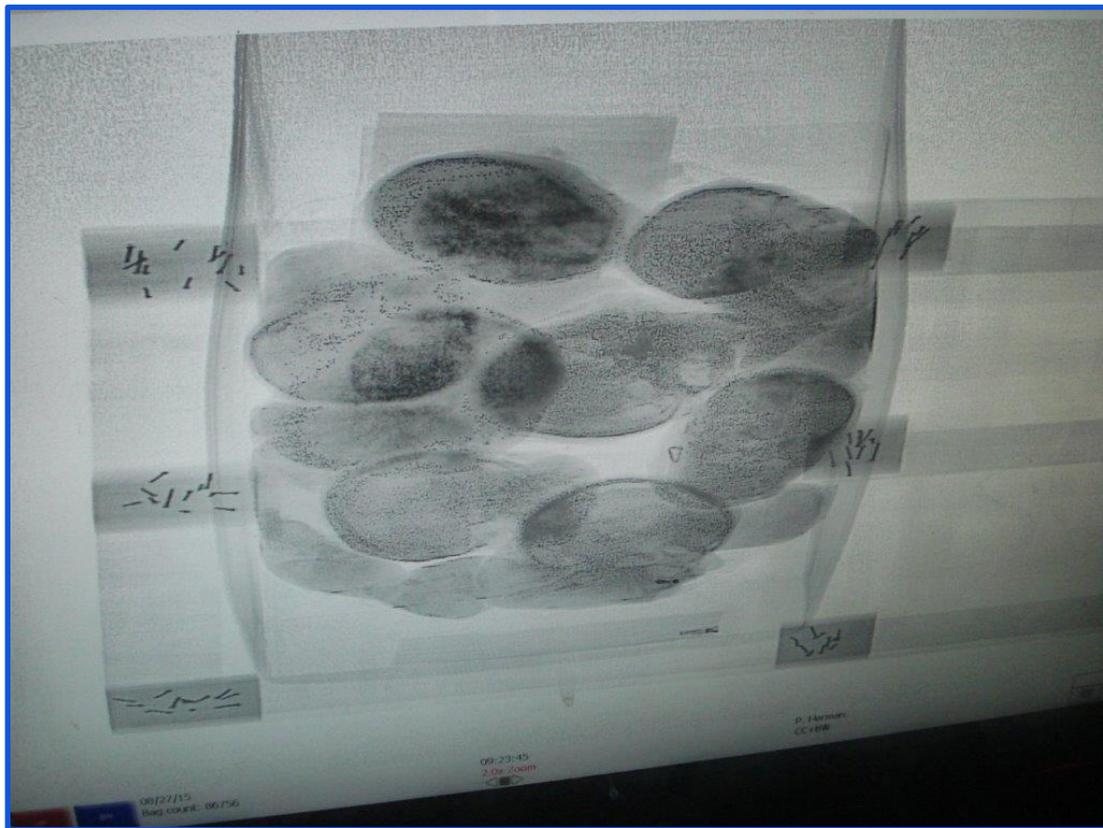


Photo credit: CDC quarantine stations

Tips for Importing Biologics and Vectors Safely

Tips for Importing Biologics and Vectors Safely

- Start preparation early
- Take biologic packaging and transportation training
- Consult the specialists at your company or academic institution who are experts in storing, packaging, and transporting infectious biological agents, infectious substances, and vectors
- Reach out to federal and state agencies that have regulatory oversight for guidance BEFORE you ship
- Read all parts of the permit application and provide supporting documents if needed
- Be transparent to customs officials

Biologics and Vectors Video



Acknowledgments

- CDC quarantine station staff
- CDC Quarantine and Border Health Services Branch, Zoonoses Team
- CDC Division of Select Agent and Toxins, Import Permit Program
- State public health officials
- State animal health officials
- US Department of Agriculture
- US Customs and Border Protection
- US Fish and Wildlife Service

Resources:

DSAT IPP email importpermit@cdc.gov

DSAT IPP phone 404-718-2077

DSAT IPP website www.cdc.gov/cpr/ipp/index.htm

DGMQ Importation website www.cdc.gov/importation/index.html

DGMQ Importation email box cdcanimalimports@cdc.gov

For more information, contact CDC
1-800-CDC-INFO (232-4636)
TTY: 1-888-232-6348 www.cdc.gov

The findings and conclusions in this report are those of the authors and do not necessarily represent the official position of the Centers for Disease Control and Prevention.

