

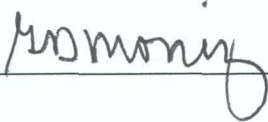
Sign-In Sheet for the January 29, 2004 HSERC Meeting

Name	Organization (If we don't already have this information.)	Phone	Fax	E-mail
C Mantin	HEER	6-4249		
Julie Kushima	SCD	733-4300		jkushima@scd.state.hi.us
Bart Aronoff	DOC - DOT	587-6597		baronoff@health.state.hi.us
Liz Galvez	HEER	6-4249		
Terry Corpus	HEER	6-4249		
Keith Kawaide	HEER	6-4249		
CELESTINE JUNE	SCD	733-4300		cjung@scd.state.hi.us
Ed GOMES	HEER	6-4249		
* Cynthia Pang	CNR HI	473-4689		cynthia.pang@navy.mil
Alan Sugihara	Navy Region HI	471-9721		sugiharaab@pwr.pearl.navy.mil
MIKE CRIPPS	HEER	586-4249		
BENJ L EKIMOT	"	"		
SHARON LEONIDA	"	"		
KEN LESPENANCE	SCD			

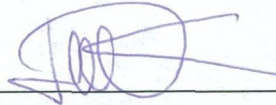
**Sign-In Sheet for HSERC Members
Or their Voting Representatives**

January 29, 2004

Gary Moniz
Chief of Enforcement
Department of Land and Natural Resources
Department of Land and Natural Resources

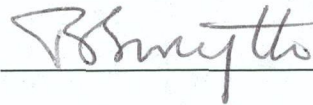


James Decker
Division Manager
Occupational Safety and Health Division
Department of Labor and Industrial Relations



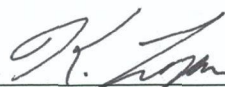
Geneieve Salmonson
Director
Environmental Quality Control Office
Environmental Quality Control Office

Thomas J. Smyth
Business Services Division
Dept. of Business, Economic Dev. & Tourism
Business, Economic Development & Tourism



Chris Takeno
Hazardous Materials Officer
Department of Transportation
Department of Transportation

Edward Teixeira
Vice Director
Civil Defense Division
Department of Defense



KENNETH LESPERANCE
BY PROXY

ED TEIXEIRA

CAME LATE TO MEETING

**Sign-In Sheet for HSERC Members
Or their Voting Representatives**

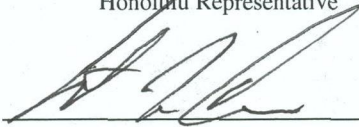
January 29, 2004

Environmental Coordinator
UH Environmental Center
University of Hawaii Environmental Center

Robert A. Boesch
Pesticides Program Manager
Pesticides Branch, Department of Agriculture
Board of Agriculture

John Bowen
Hawaii Representative/LEPC Chair
Consultant & Instructor in Hazardous Materials
Hawaii Representative

Captain Carter Davis
Honolulu Representative/LEPC Chair
Honolulu Fire Department
Honolulu Representative



Clifford Ikeda
Kauai Representative/LEPC Chair
Kauai Civil Defense
Kauai Representative



Scott Kekuewa
Maui Representative/LEPC Chair
Maui Fire Department
Maui Representative



Joe Blackburn. for S.K.

Laurence K. Lau
Deputy Director, Environmental Health
Department of Health
Department of Health



Glenn Lockwood
Manager, Emergency Services
American Red Cross
American Red Cross

LINDA LINGLE
GOVERNOR OF HAWAII



CHIYOME L. FUKINO, M.D.
DIRECTOR OF HEALTH

STATE OF HAWAII
DEPARTMENT OF HEALTH

P.O. BOX 3378
HONOLULU, HAWAII 96801

In reply, please refer to:
HEER OFFICE

HAWAII STATE EMERGENCY RESPONSE COMMISSION
MEETING #54

Thursday, January 29, 2004 from 9:00 a.m. to 12:00 p.m.
Department of Health
919 Ala Moana Boulevard, Room 215
Honolulu, Hawaii 96814

AGENDA

- | | | |
|----------|---|---|
| 1) 9:00 | Call to Order
Opening Remarks
Approval of Minutes from Mtg #53
"Interoperability" of Communication of First Responders | Laurence K. Lau, Deputy Director for Environmental Health |
| 2) 9:15 | LEPC Updates | John Bowen, Hawaii LEPC Representative
Clifford Ikeda, Kauai LEPC Representative
Scott Kekuwa, Maui LEPC Representative
Carter Davis, Oahu LEPC Representative |
| 3) 9:45 | Bioterrorism Program | Bart Aronoff, MPH, Manager, Bioterrorism Preparedness Program, Department of Health |
| 4) 10:30 | Role in Terrorism for the SERC/LEPC | Laurence K. Lau, Deputy Director for Environmental Health |
| 10:45 | Break | |
| 5) 11:00 | EPA Update | Mike Ardito, EPA Region IX |
| 6) 11:15 | Kauai LEPC Membership Update
& Approval | Clifford Ikeda, Kauai LEPC Representative |
| 7) 11:30 | HMEP Training Classes and Exercises | Clem Jung, SCD |
| 8) 11:45 | Other Business | |
| 9) 12:00 | Schedule next HSERC meeting | |

Beryl Ekimoto

From: "Denis Shimamoto" <dshimamoto.HEER.EMD>
To: Beryl Ekimoto <bekimoto.HEER.EMD>
Date sent: Wed, 14 Apr 2004 06:27:23 -1000
Subject: (Fwd) Re: Draft Minutes

----- Forwarded message follows -----

Denis,

No comment or changes.

Thanks,

Ed

At 09:46 AM 4/2/2004 -1000, you wrote:

>Attached are the draft minutes of the January 29, 2004 HSERC meeting. If

>there are

>any corrections, please let Beryl know by April 30, 2004 so corrected

>draft minutes will

>be available for the May 13, 2004 HSERC meeting. Aloha.

>

>*** PDC's eSafe content filter scanned this email for malicious content ***

>*** IMPORTANT: Do not open attachments from unrecognized senders ***The

>following section of this message contains a file attachment

>prepared for transmission using the Internet MIME message format.

>If you are using Pegasus Mail, or any other MIME-compliant system,

>you should be able to save it or view it from within your mailer.

>If you cannot, please ask your system administrator for assistance.

>

> ---- File information -----

> File: 54FMIN.DOC

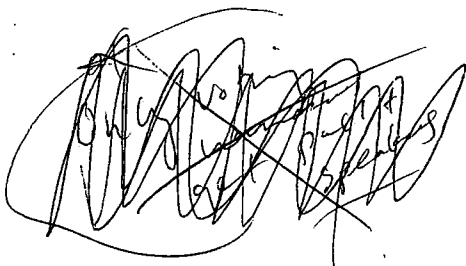
> Date: 2 Apr 2004, 9:37

> Size: 68096 bytes.

> Type: Unknown

----- End of forwarded message -----

Denis Shimamoto, HSERC Coordinator
HEER Office 586-4694 fax 586-7537



From: "Laurence Lau" <LKLau@mail.health.state.hi.us>
To: "Denis Shimamoto" <dshimamoto@eha.health.state.hi.us>,
"Keith Kawaoka" <kkawaoka@eha.health.state.hi.us>
Subject: HSERC Agenda, 1-29
Date sent: Mon, 19 Jan 2004 12:17:25 -1000
Organization: Hawaii State Dept. of Health

Keith, Dennis:

Any recommendations on what I should say about the HSERC/LEPC role in terrorism at the 1-29 meeting? (I really should read the draft agenda.)
I thought the consensus of the group was to leave things as is.

LKL

Date sent: Fri, 16 Jan 2004 07:59:43 -1000
To: "Denis Shimamoto" <dshimamoto@eha.health.state.hi.us>
From: cjung@scd.state.hi.us (Clement Jung)
Subject: Re: HSERC Agenda
Copies to: Ken Lesperance <klesperance@scd.state.hi.us>

Denis,

Yes. I will also introduce Ken Lesperance.

Also, did Stan Deuz received the four checks for the LEPC's?

Thanks, Clem

At 07:15 AM 1/16/2004 -1000, you wrote:

>Hi Clem. Do I put you on the HSERC agenda for "HMEP Training Classes and
>Exercises"? Let me know this morning. ASAP Aloha.Denis Shimamoto HSERC
>Coordinator HEER Office 586-4694 fax586-7537

From: "Laurence Lau" <LKLau@mail.health.state.hi.us>
To: "Denis Shimamoto" <dshimamoto@eha.health.state.hi.us>
Subject: Re: Agenda Items
Date sent: Mon, 5 Jan 2004 22:01:50 -1000
Organization: Hawaii State Dept. of Health

Denis:

I thought you retired!

Agenda: I'd like to give a brief status report on communications issues.

LKL

----- Original Message -----

From: "Denis Shimamoto" <dshimamoto@eha.health.state.hi.us>
To: <jebowen@gte.net>; <blackburj001@hawaii.rr.com>;
<hazmat@hawaii.rr.com>; <cikeda@kauaigov.com>; <lnakai@co.honolulu.hi.us>;
<cmartin@eha.health.state.hi.us>; <ardito.michael@epamail.epa.gov>;
<kkawaoka@eha.health.state.hi.us>; <klau@mail.health.state.hi.us>;
<kekuewas001@hawaii.rr.com>; <enishikawa@chevrontexaco.com>;
<pangcy@hawaii.navy.mil> Sent: Monday, December 29, 2003 2:38 PM Subject:
Agenda Items

> Happy New Year. If you have any agenda items for the January 29, 2004

HSERC

> meeting, please let me know by January 15, 2004. Aloha.

Date sent: Wed, 07 Jan 2004 09:57:19 -0800
From: Ardito.Michael@epamail.epa.gov
Subject: Re: Agenda Items
To: Denis Shimamoto <dshimamoto@eha.health.state.hi.us>

Denis,
I will try to email you an EPA update for the Jan. 29, 2004 HSERC meeting.

Happy New Year!

Mike Ardito

Denis Shimamoto
<dshimamoto@eha.health.s To:
jebowen@gte.net, blackburj001@hawaii.rr.com,
tate.hi.us>
hazmat@hawaii.rr.com, cikeda@kauaigov.com,

lnakai@co.honolulu.hi.us,
cmartin@eha.health.state.hi.us,
12/29/2003 04:38 PM Michael
Ardito/R9/USEPA/US@EPA,
kkawaoka@eha.health.state.hi.us,

lkiau@mail.health.state.hi.us,
kekuewas001@hawaii.rr.com,
enishikawa@chevrontexaco.com,
pangcy@hawaii.navy.mil cc:

Subject: Agenda Items

Happy New Year... If you have any agenda items for the January 29, 2004 HSERC meeting, please let me know by January 15, 2004. Aloha.

From: "Kauai LEPC" <klepc@kcda.state.hi.us>
To: <dshimamoto@eha.health.state.hi.us>
Subject: Agenda Item
Date sent: Wed, 14 Jan 2004 13:11:06 -1000

If not too late ... place following agenda item:

Kauai LEPC Member Update Approval

Thanks



A handwritten signature in black ink, appearing to read "Clifford L. Shumata".

Kauai Local Emergency Planning Committee
c/o Kauai Civil Defense Agency
3990 Kaana Street 100
Lihue, HI. 96766
Bus: (808) 241-1800
Fax: (808) 241-1860
klepc@kcda.state.hi.us

Outgoing mail is certified Virus Free.
Checked by AVG anti-virus system (<http://www.grisoft.com>).
Version: 6.0.560 / Virus Database: 352 - Release Date: 1/8/2004

From: "Bart Aronoff" <baronoff@health.state.hi.us>
To: "Denis Shimamoto" <dshimamoto@eha.health.state.hi.us>
Subject: RE: HSERC Meeting
Date sent: Mon, 15 Dec 2003 11:40:19 -1000
Organization: Bioterrorism Preparedness & Response Branch

I've put it on my calendar. See you then, if not before.

~Bart

|-----Original Message-----

|From: Denis Shimamoto [<mailto:dshimamoto@eha.health.state.hi.us>]

|Sent: Monday, December 15, 2003 11:12 AM

|To: Bart Aronoff

|Cc: Doris Lam

|Subject: HSERC Meeting

|
|Hi Bart. The next HSERC meeting will be held on January 29,
|2004. Please let me know if you can make this meeting.

|Aloha.Denis Shimamoto HSERC Coordinator HEER Office 586-4694
|fax586-7537
|

Beryl Ekimoto

From: "Scott Kekuewa" <KEKUEWAS001@hawaii.rr.com>
To: "Beryl Ekimoto" <bekimoto@eha.health.state.hi.us>
Subject: Re: your contract
Date sent: Wed, 10 Mar 2004 09:54:27 -1000

Beryl,
Is Denis talking about our HMEP project? If so, currently we are awaiting bids from contractors which is due by March 15th and a contractor will start work beginning April 1st. If this is not what he is talking about, I need help
thanks,
Scott

----- Original Message -----

From: "Beryl Ekimoto" <bekimoto@eha.health.state.hi.us>
To: "Scott Kekuewa" <KEKUEWAS001@hawaii.rr.com>
Sent: Tuesday, March 09, 2004 10:55 AM
Subject: your contract

> denis called me today and said to make sure you execute your contract
>
> ok, take care
> b
>

3/9/04 it is the one -
be finished on
time
next deadline -
same as last
year's deadline.

Beryl Ekimoto

From: "Scott Kekuewa" <KEKUEWAS001@hawaii.rr.com>
To: "Beryl Ekimoto" <bekimoto@eha.health.state.hi.us>
Subject: MOA for HMEP Grant
Date sent: Wed, 3 Mar 2004 20:41:05 -1000

Hi Beryl,

Need your help again, The MOA for the HMEP Grant 2004 needs to be signed by Laurence Lau, Ed Teixeira, and Michael Vincent (Deputy Attorney General, State of Hawaii). Can I mail the document to you to get the signatures? Has anybody been named to take Denis's position yet? Also, can you tell me when the next SERC meeting is? Thank you for all your assistance with this and the other matter (the check). If you have any questions, please feel free to call me at the Kahului Fire Station (808)270-7911 or you can call me on my cell (808)357-0332.

Thanks Again,

Scott

Call
Denis!

3/8/04

Maui 2004
MOA - ✓
Signed in 2003

3/9/04
Execute contract



**STATE OF HAWAII
DEPARTMENT OF HEALTH**

HAZARD EVALUATION AND EMERGENCY RESPONSE OFFICE

DATE: 2/20/04

NO. OF PAGES: 3
(Includes Cover Sheet)

TO: SCOTT KEKUEWA - MAUI LEPC CO-CHAIR
COMPANY: MAUI FIRE DEPT.

TELEPHONE: (808) 270-7911 **FAX:** (808) 270-7917

FROM: BENNY L

TELEPHONE: (808) 586-4249 **FAX:** (808) 586-7537

SUBJECT:

Dennis came by while I was out
of the office - He left me
a message to fax there to
you + trace it.
Call if you have questions

LINDA LINGLE
GOVERNOR OF HAWAII



CHIYOME L. FUKINO, M.D.
DIRECTOR OF HEALTH

STATE OF HAWAII
DEPARTMENT OF HEALTH
P.O. Box 3378
HONOLULU, HAWAII 96801-3378

In reply, please refer to:
File: EHA/HEER Office
2004-018

January 16, 2004

Scott Kekuewa
Maui LEPC Co-Chair
Maui Fire Department
200 Dairy Road
Kahului, Hawaii 96732

Dear Mr. Kekuewa:

Enclosed is check No. S 0062300 in the amount of \$7,600.00. This is the balance of funds for your HMEP Planning Grant Project for FY 03.

If you have any questions, you may call me at (808) 586-4249.

Curtis Martin

A handwritten signature in black ink, appearing to read "Curtis Martin", written over a horizontal line.

Emergency Response, Preparedness
And Prevention Coordinator

S 0062300 ◀ CHECK
NUMBER

000026

STATE OF HAWAII

REMITTANCE ADVICE

DATE 01/08/2004 TO MAUI LEPC

VENDOR
CODE 000026780700

INVOICE NUMBER	INVOICE DATE	REMITTANCE DATA	AMOUNT
2003-003	0822/2003	HMEP GRANT 04216009	7,60000
DBRN: 4V0456 DEFENSE			TOTAL 7,60000

NOTE: FOR ANY INQUIRY ON THIS PAYMENT, PLEASE CONTACT THE STATE AGENCY IDENTIFIED ABOVE.

0106248

THE BACK OF THIS CHECK CONTAINS A SECURITY MARK - DO NOT ACCEPT WITHOUT HOLDING AT AN ANGLE TO VERIFY SECURITY MARK

S 0062300

★STATE OF HAWAII★
HONOLULU, HAWAII

000026

59-101/1213

VOID ON
JUNE 1, 2005DATE
MONTH DAY YEAR
01 08 2004

PAY▶

EXACTLY
DOLLARS CENTS
\$*****7,600.00

*****SEVEN THOUSAND SIX HUNDRED AND 00/100 DOLLARS

PAY TO THE ORDER OF

MAUI LEPC
200 DAIRY RD
KAHULUI HI 96732-2978MAIN BRANCH
First Hawaiian Bank
HONOLULU, HAWAIIFor and Charge Same To
SPECIAL FUND
Fiscal Year 2003-2004

VOUCHER: 019589 DEPARTMENT: G

Russ K. Sat

⑈440062300⑈ ⑆121301015⑆ 01⑈088947⑈

Bioterrorism Preparedness & Response Program



Focus Areas

- Preparedness, Planning & Readiness
- Surveillance & Epidemiology
- Laboratory (Biological)
- Laboratory (Chemical)
- Health Alert Network/ IT
- Risk Communication & Health
- Education & Training

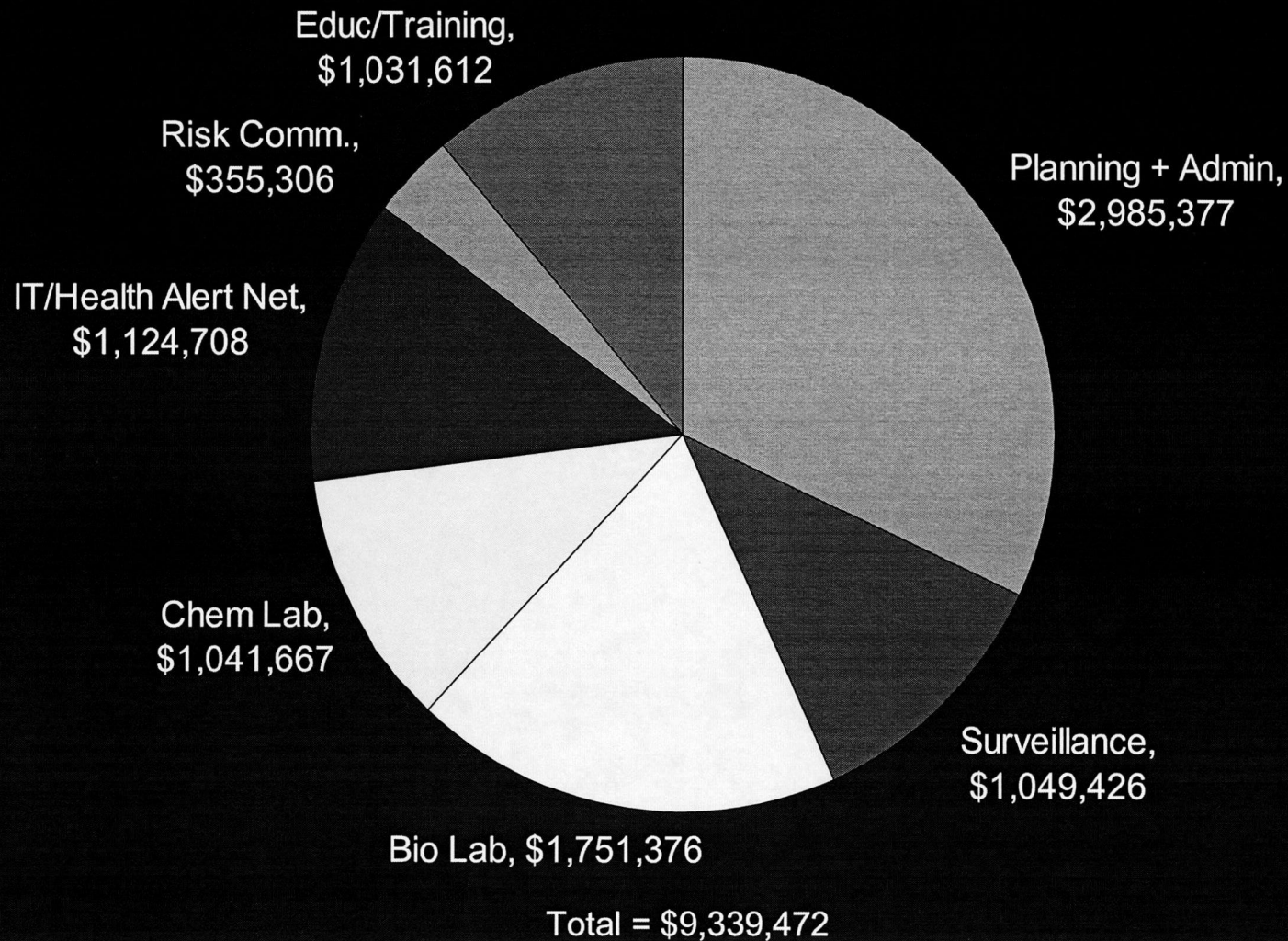


Purpose

- To prepare for a rapid and efficient response to bioterrorism, other outbreaks of infectious disease, and other public health emergencies.



2003-2004 Budget



Preparedness, Planning & Readiness

- Strategic Direction, Coordination & Assessment
 - Establish a process for strategic leadership, direction, coordination, and assessment.
 - Assess public health system capacities to aid and improve planning, coordination, and implementation.
 - Recruit, retain, and fully develop public health leaders and managers with current knowledge and expertise in advanced management and leadership principles.



Preparedness, Planning & Readiness

- Planning for Preparedness & Response
 - Develop and exercise a comprehensive public health emergency preparedness and response plan.
 - Coordinate state, local, and regional preparedness with federal response assets.
 - Ensure that public health systems have optimal capacities to respond to bioterrorism, other infectious disease outbreaks, and other public health threats and emergencies.



Preparedness, Planning & Readiness

- Strategic National Stockpile Preparedness
 - Prepare for SNS deployment through
 - Development of a plan
 - Training
 - Periodic exercises



Surveillance & Epidemiology

- Develop a highly functioning, mandatory reportable disease surveillance system, to rapidly detect a terrorist event.
- Rapidly and effectively investigate and respond to a potential terrorist event, other infectious disease outbreak, or public health emergency.



Laboratory (Biological)

- Develop and implement a statewide program to provide rapid and effective laboratory services.
- Ensure adequate and secure laboratory facilities, reagents, and equipment to rapidly detect and correctly identify biological agents likely to be used in a bioterrorist incidents, as a member of the Laboratory Response Network.



Laboratory (Chemical)

- Develop a plan, that directs how public health, food testing, environmental testing, and other laboratories will respond to a chemical terrorism incident.
 - roles and responsibilities,
 - surge capacity,
 - integration with other department-wide emergency response efforts,
 - protocols for the safe transport of specimens by air and ground, and
 - mechanism for reporting.



Laboratory (Chemical)

- Establish secure laboratory facilities, reagents, and equipment
 - inductively coupled plasma mass spectrometry
 - gas chromatography mass spectrometry
- Capacity to rapidly detect and measure Level-Two chemical agents
 - cyanide-based compounds,
 - heavy metals,
 - lewisites)
- Clinical specimens



Health Alert Network/ IT

- Ensure effective communications connectivity among
 - public health departments,
 - healthcare organizations,
 - law enforcement organizations, and
 - other emergency response partners
- as evidenced by:
 - continuous, high speed connectivity to the Internet;
 - routine use of e-mail for notification of alerts and other critical communication; and
 - a directory of public health participants (including primary clinical personnel), their roles, and contact information covering all jurisdictions



Health Alert Network/ IT

- A method of emergency communication for participants in public health emergency response that is fully redundant with e-mail.
- Ongoing protection of critical data and information systems and capabilities for continuity of operations.
- Secure electronic exchange of clinical, laboratory, environmental, and other public health information in standard formats between the computer systems of public health partners.



Health Alert Network/ IT

- Provide or participate in an emergency response management system to aid the deployment and support of response teams, the management of response resources, and the facilitation of inter-organizational communication and coordination.
- Ensure full information technology support and services.



Risk Communication & Health

- Establish baseline information about the current communication needs and barriers within individual communities
- Identify effective channels of communication for reaching the general public and special populations during public health threats and emergencies.



Risk Communication & Health

- Identify develop, and pretest communication concepts, messages, and strategies to prepare to provide needed health/risk information to the public and key partners during a terrorism event



Education & Training

- Deliver appropriate education and training to key public health professionals, infectious disease specialists, emergency department personnel.
- Identify and train public and private health professionals in advance to mobilize and respond during a public health emergency.
- Evaluate the effectiveness of training, and the incorporation of lessons learned from performance during bioterrorism drills, simulations, and events.





Questions?



West Nile Virus The Threat to Hawaii

January 16, 2004

West Nile Virus (WNV)

- Classified a *flavivirus*, it was first isolated in 1937 from a woman in the West Nile District of Uganda
- Also known as an *arbovirus* because it is spread by mosquitoes
- In the same virus family as Japanese Encephalitis

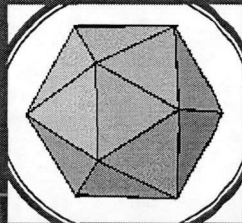
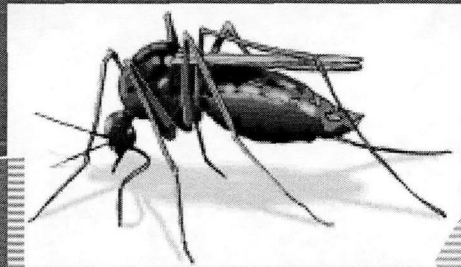
West Nile Virus (WNV)

What is It?

- **In the 1950's it was found to be a cause of severe brain disease and death in Israel**
- **In the 1990's horse and human epidemics were documented in temperate climates associated with disease in bird flocks and cycles of rain**

West Nile Virus: Basic Transmission Cycle

Enzootic (Maintenance/Amplification)



Amplifying
hosts

Epidemic



Incidental hosts

Epizootic



West Nile Virus

A Disease of Birds

- **WNV is a bird disease, and birds are the "Primary Reservoir"**
- **Some birds have a high case fatality rate, others have mild disease – susceptibility of Hawaii endangered birds unknown but could wipe them out**
- **Mammals, including humans, do not transmit – "dead end"**

West Nile Virus

The Vector Mosquitoes

- Level of virus in bird's blood (viremia) must be sufficient to transmit the virus to the mosquito
- *Culex* species most common mosquito vectors, others including *aedes albopictus* competent as well

West Nile Virus

Human Disease

- **Most people who get the infection, won't get ill**
- **20% of those infected have "flu" for a few days**
- **About 1/150 infected will have serious brain or nerve disease**

West Nile Virus

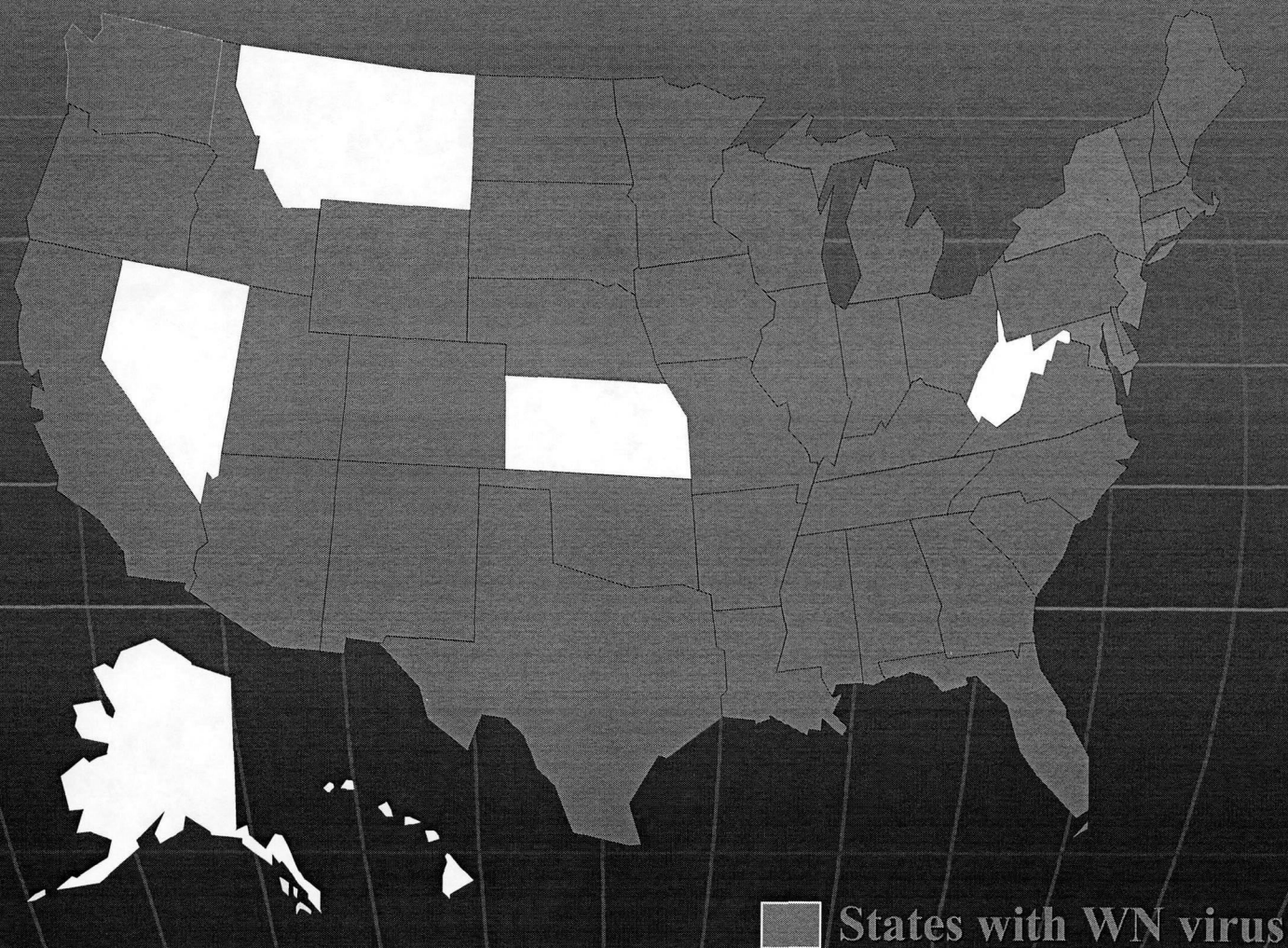
Human Disease

- **Elderly felt to be higher risk but all ages can have severe disease**
- **Immune compromised at greater risk**
- **Rate of severe disease and death is higher when WNV enters a new geographic area...why?**

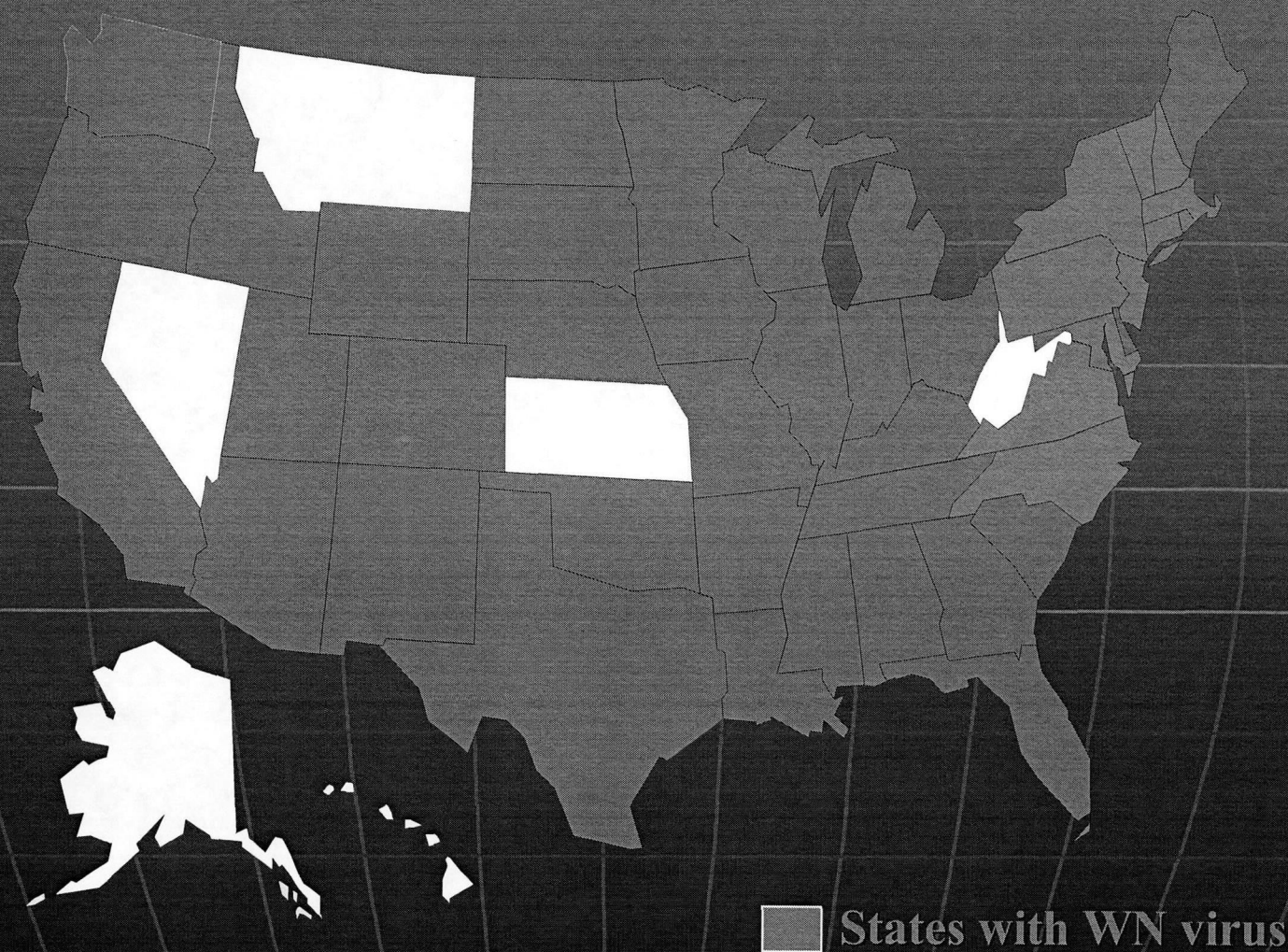
West Nile Virus (WNV)

- **First in the Western Hemisphere
August 1999 in New York City –
62 cases and 7 deaths**
- **Antibody tests in the area of NYC
where the cases occurred
revealed over 2% of people were
infected, most didn't know it**

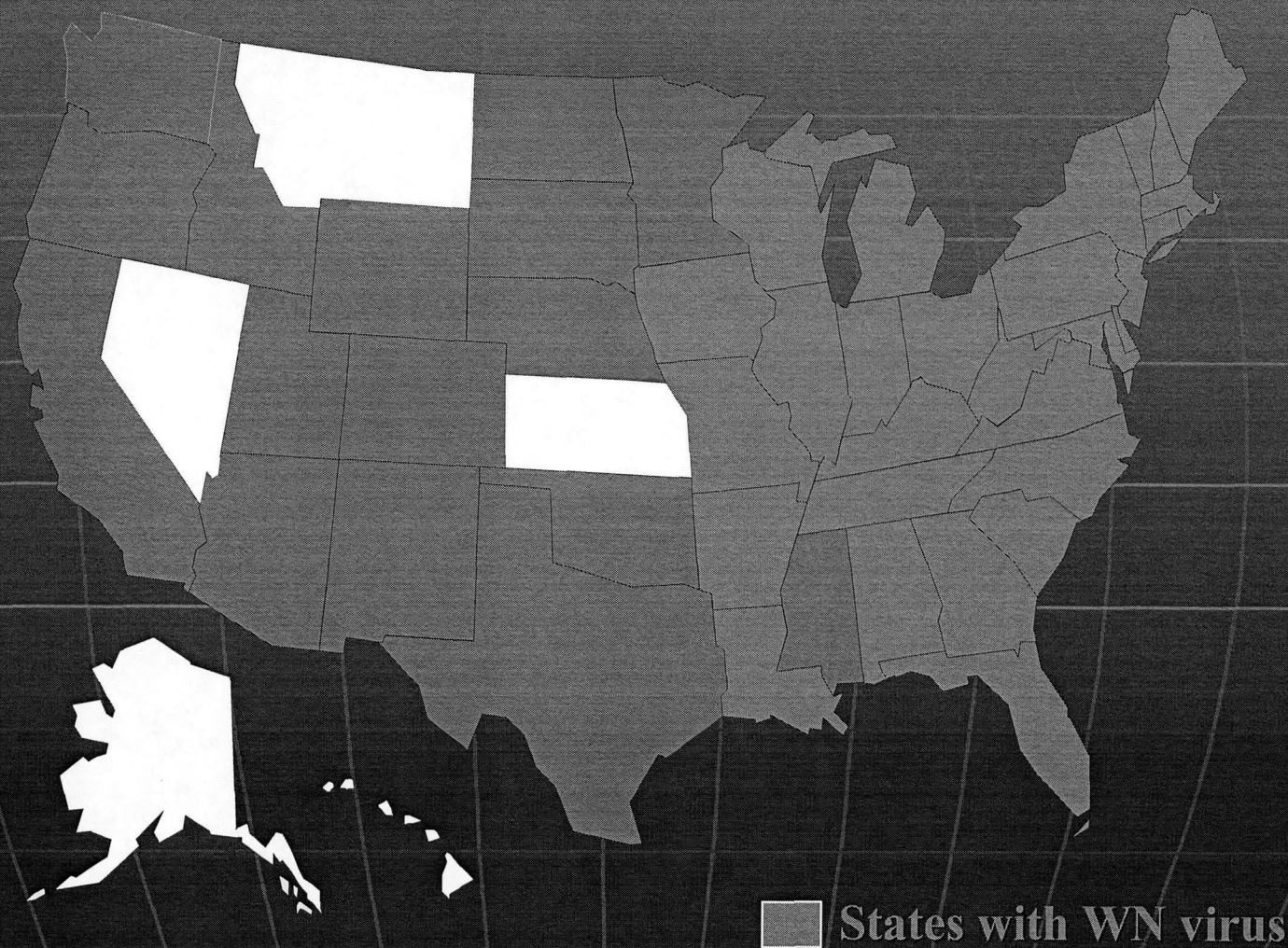
Distribution of West Nile Virus, 1999



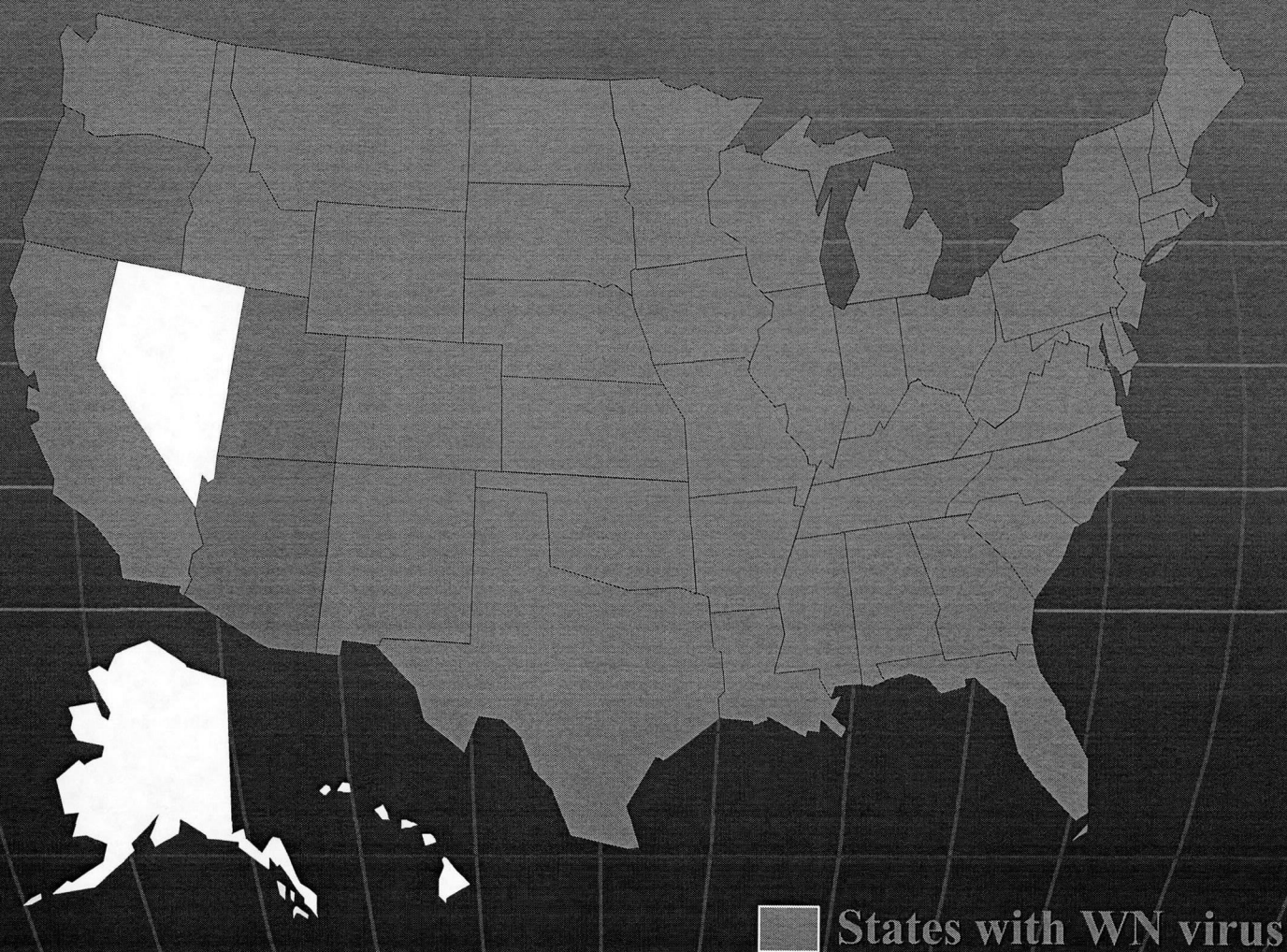
Distribution of West Nile Virus, 2000



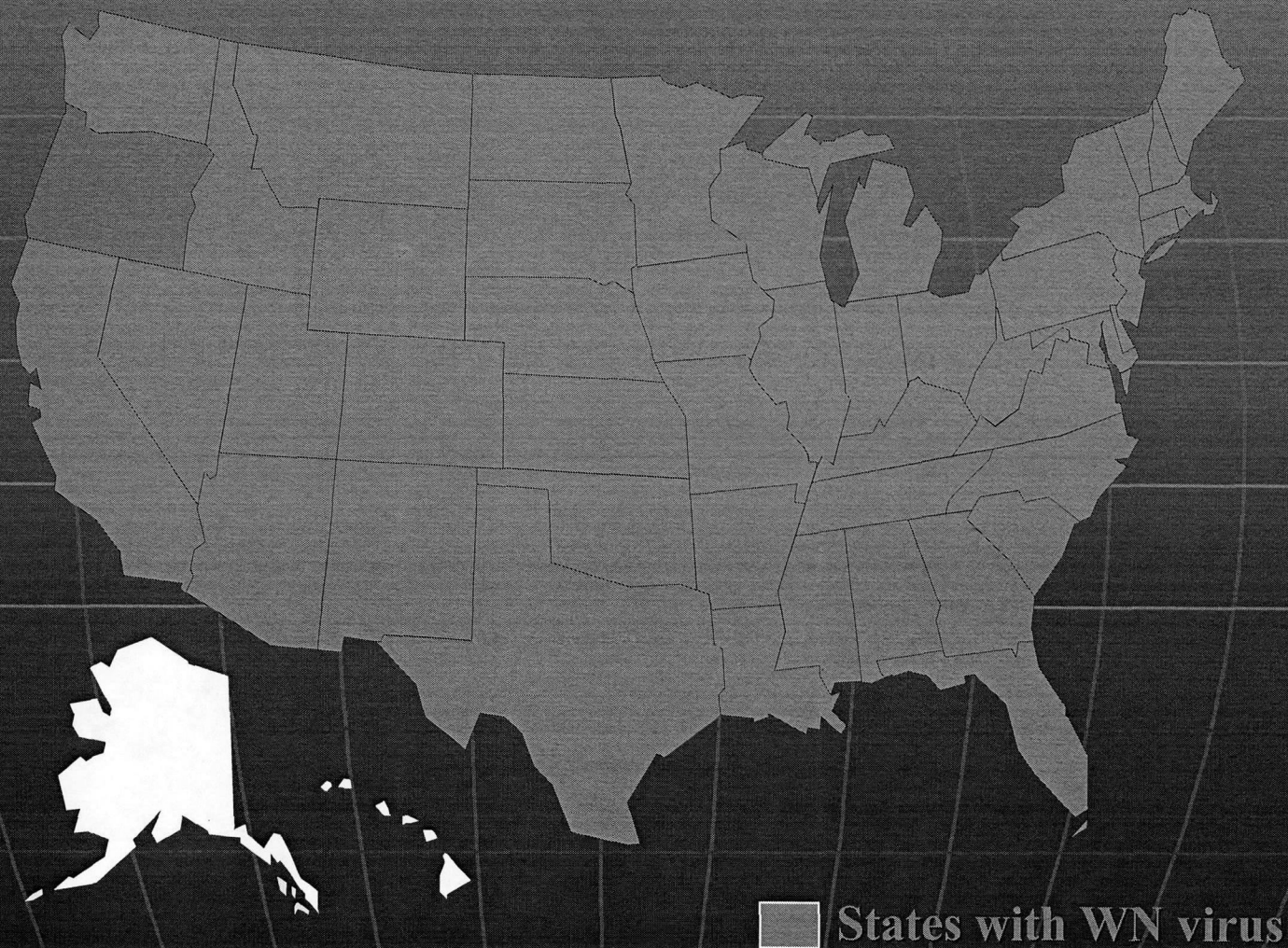
Distribution of West Nile Virus, 2001



Distribution of West Nile Virus, 2002



Distribution of West Nile Virus, 2003



What has been the U.S. Impact of WNV?

- **December 16, 2003 CDC reported:**
 - **8,912 human cases of WNV**
 - **30% meningitis or encephalitis**
 - **211 FATAL**
- **Serious effects on bird and horse populations**

West Nile Virus Human Health Impacts

- **Once WNV disease is in the community, infection can be caused by:**
 - **Blood product transfusion**
 - **Organ transplantation**
 - **Mother to fetus**
 - **Breast-feeding**
 - **Occupational exposure**

WNV – Where is it Now?

- It has spread to the Caribbean – “The tropics provide all the necessary components (i.e., high temperatures, dense avian populations, and large numbers of mosquitoes) to maintain an enzootic focus.” From article in Emerging

Infectious Disease, July 2003

- Once established in Hawaii, it could be a year-round threat

On Hawaii's Doorstep

- Working Group on WNV hosted by U.S. Fish and Wildlife Service
- Many Federal, State and Community entities working on prevention, surveillance and response
- Conference January 7th and 8th with CDC and other experts will produce recommendations

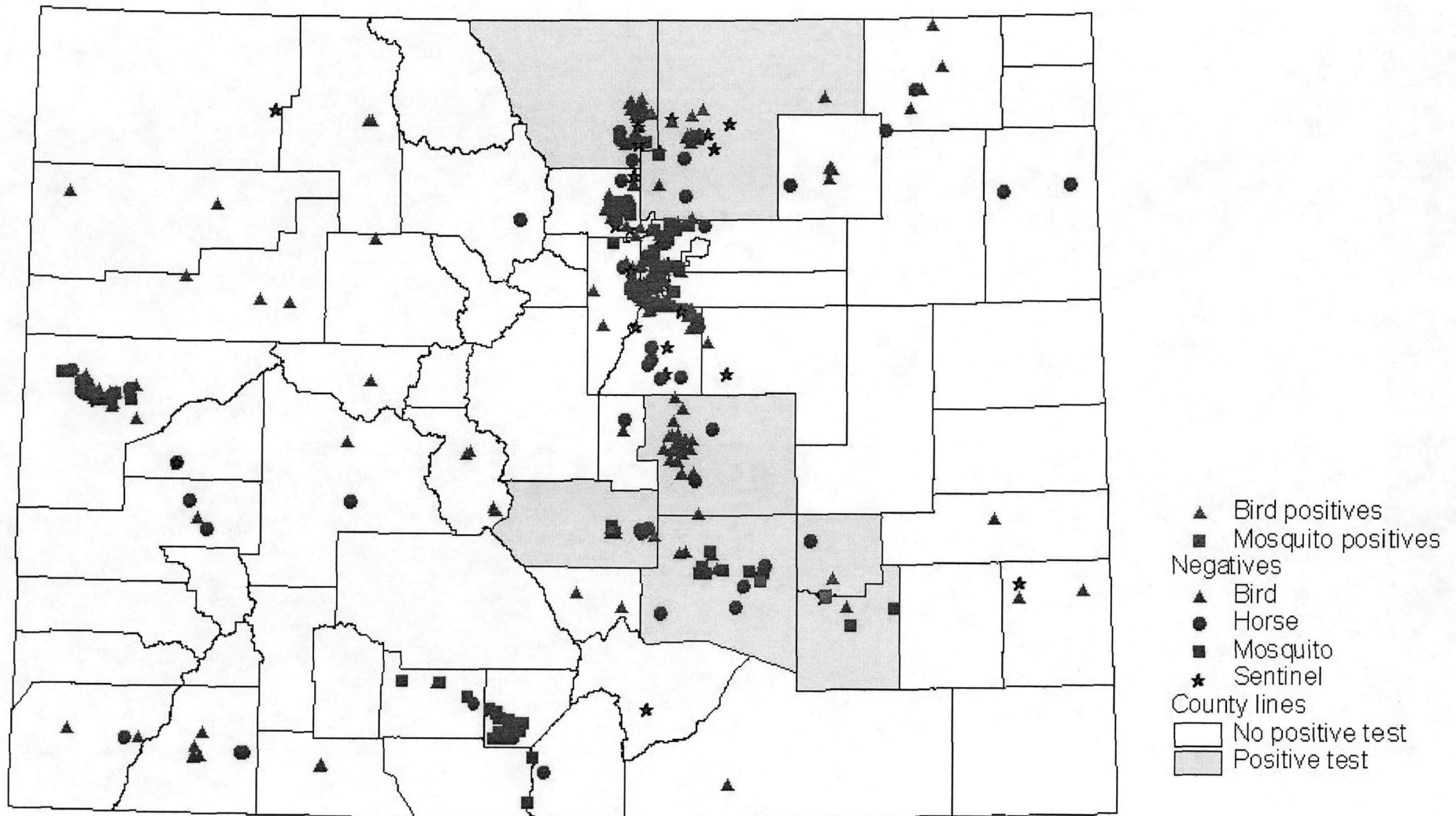
WNV Human Cases, Colorado, 2003

- **2833 human cases**
- **54 deaths**
- **162 positive blood donors, 36 pregnant women, 10 breast-feeding**
- **856 hospitalized cases = \$22.2 million**
 - **Not calculated**
 - **Missed work, rehab, long term disability**



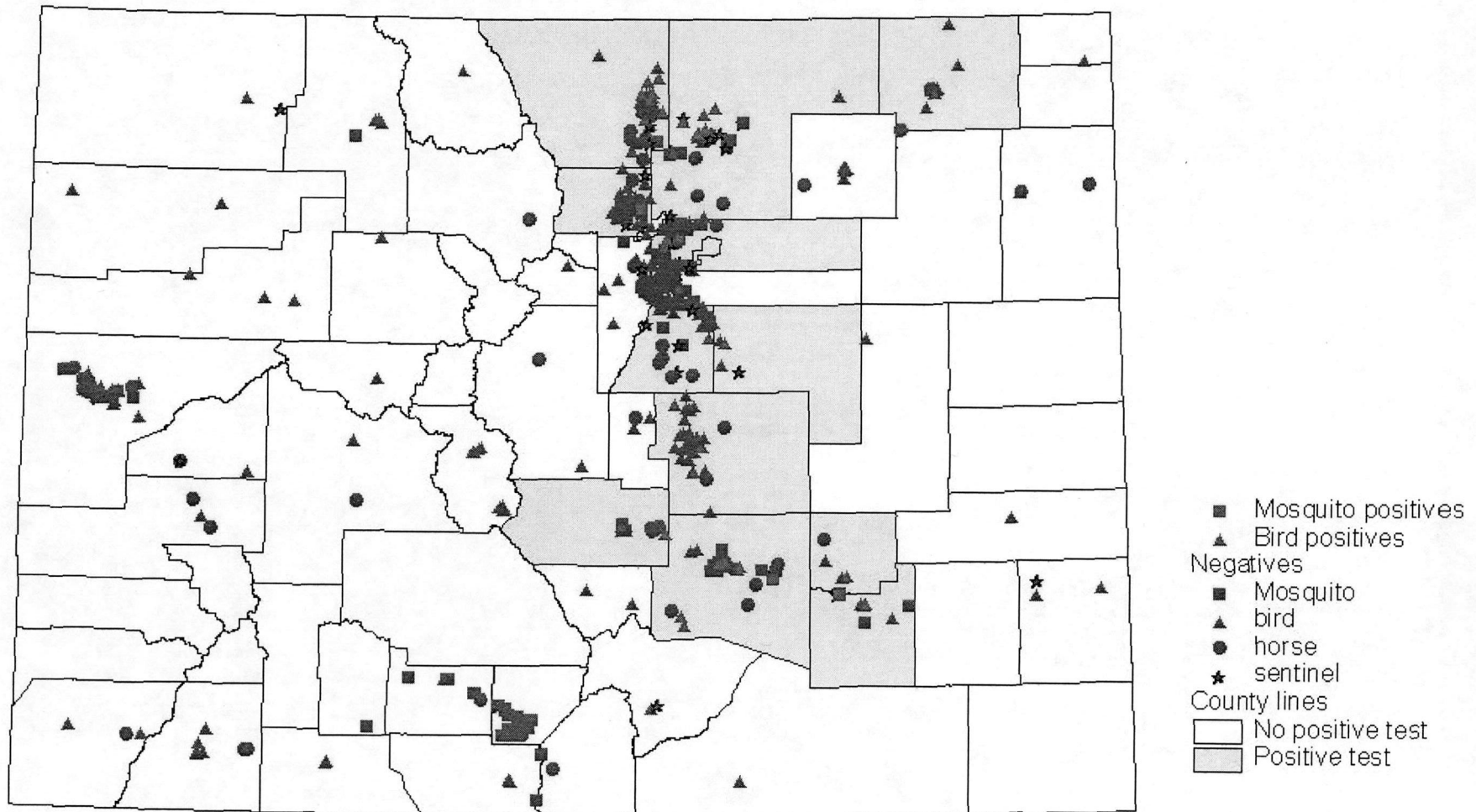
Colorado West Nile Virus Surveillance

Updated July 10, 2003



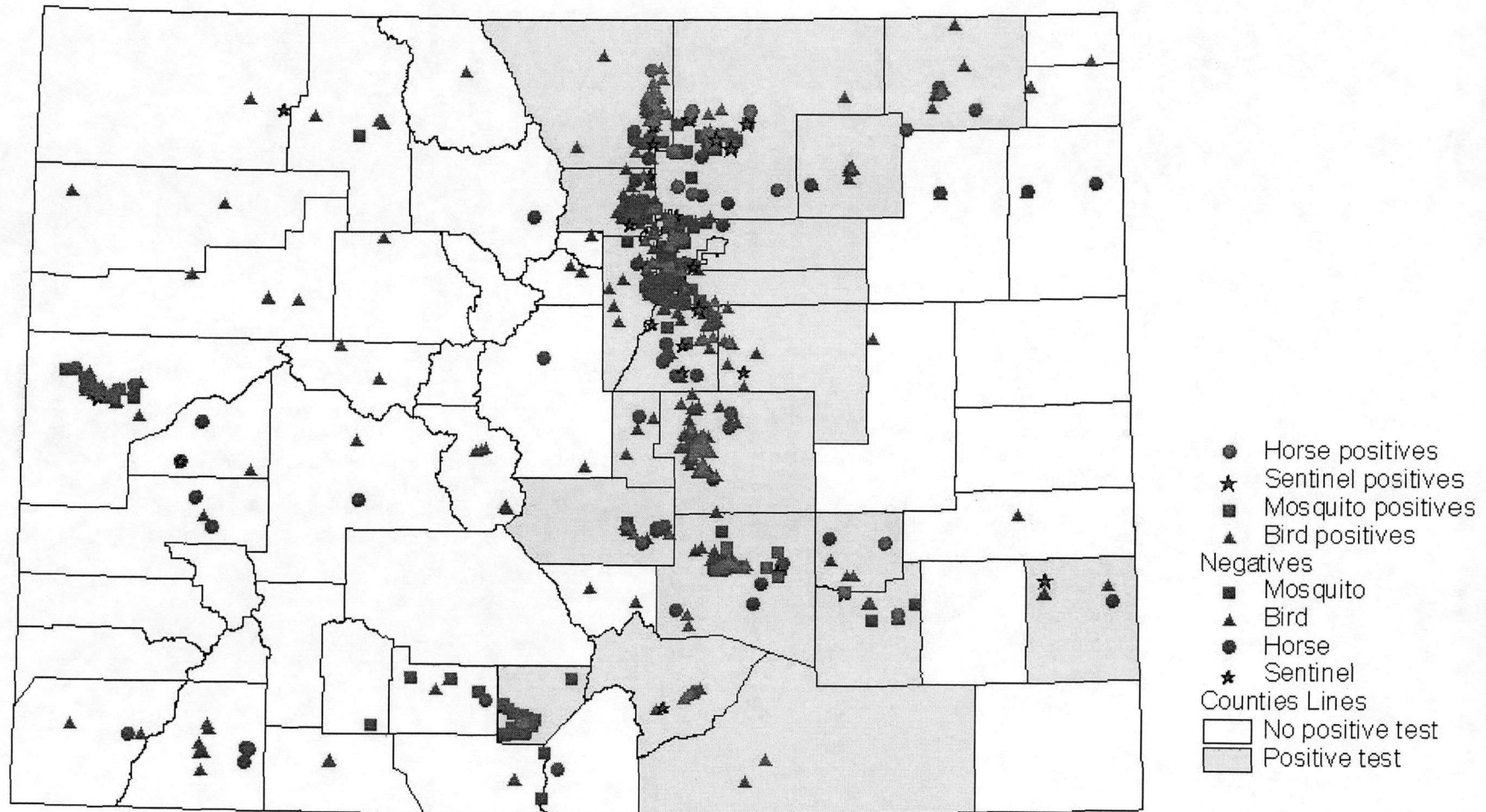
Colorado West Nile Virus Surveillance

Updated July 15, 2003



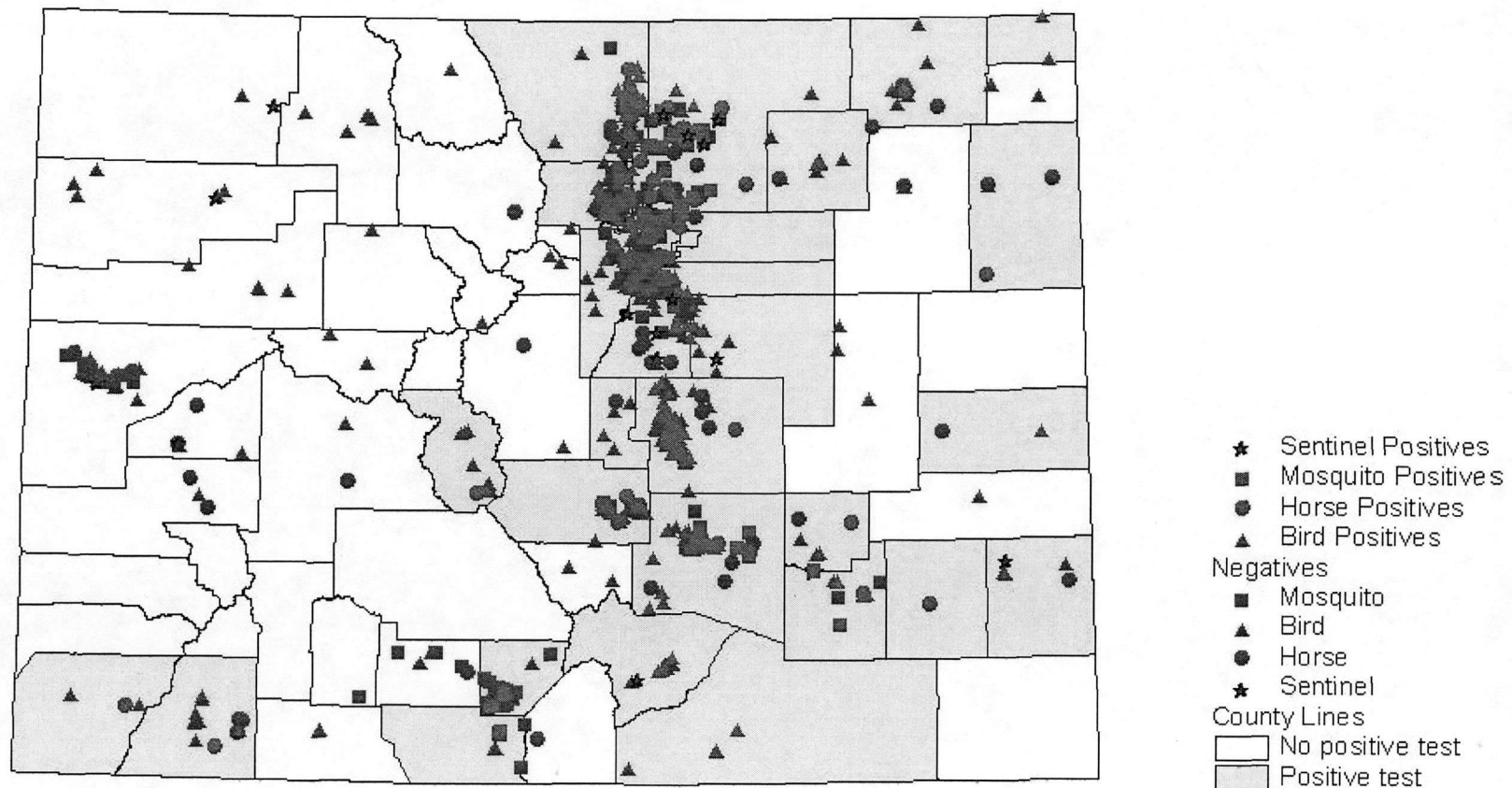
Colorado West Nile Virus Surveillance

Updated July 22, 2003



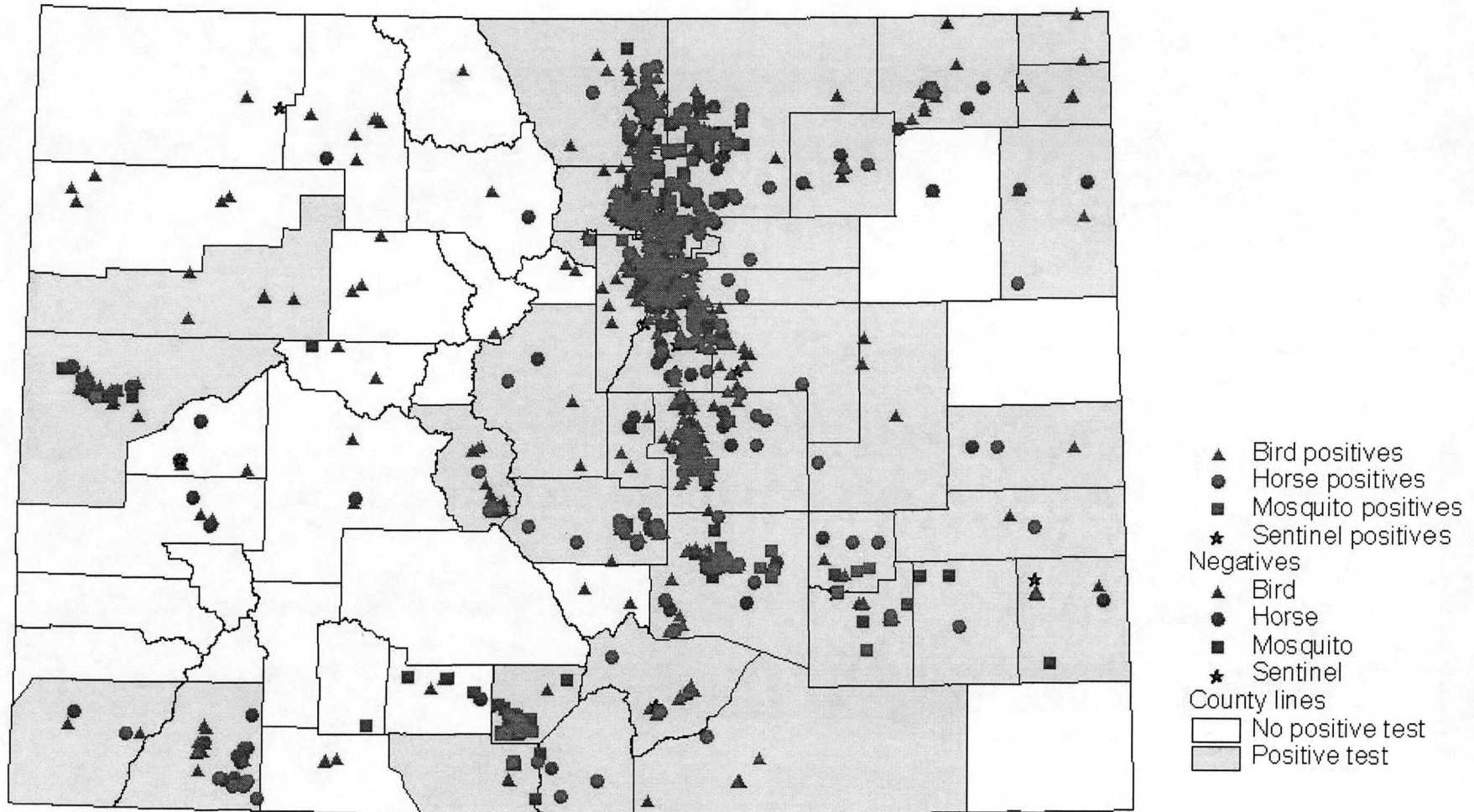
Colorado West Nile Virus Surveillance

Updated July 30, 2003



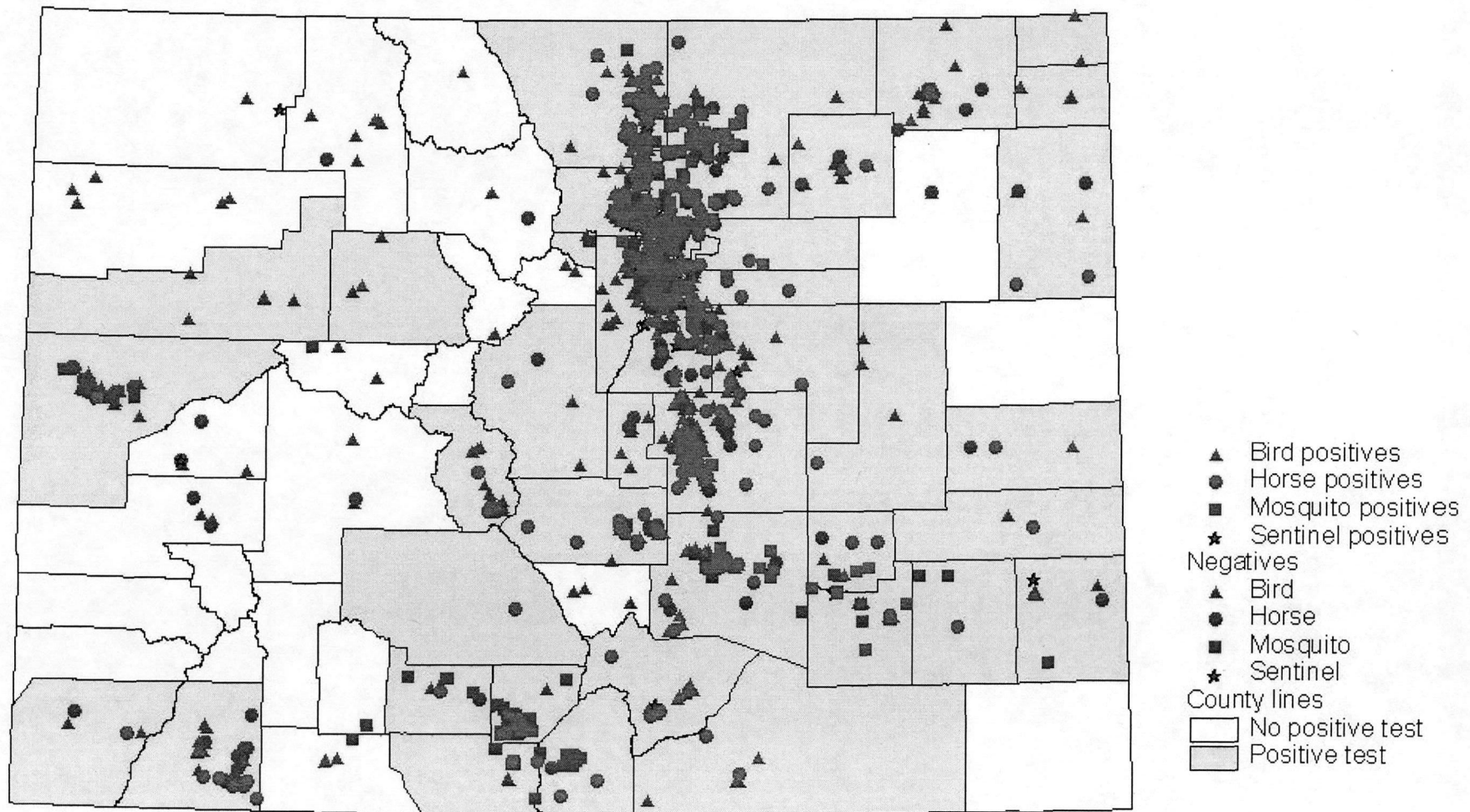
Colorado West Nile Virus Surveillance

Updated August 8, 2003



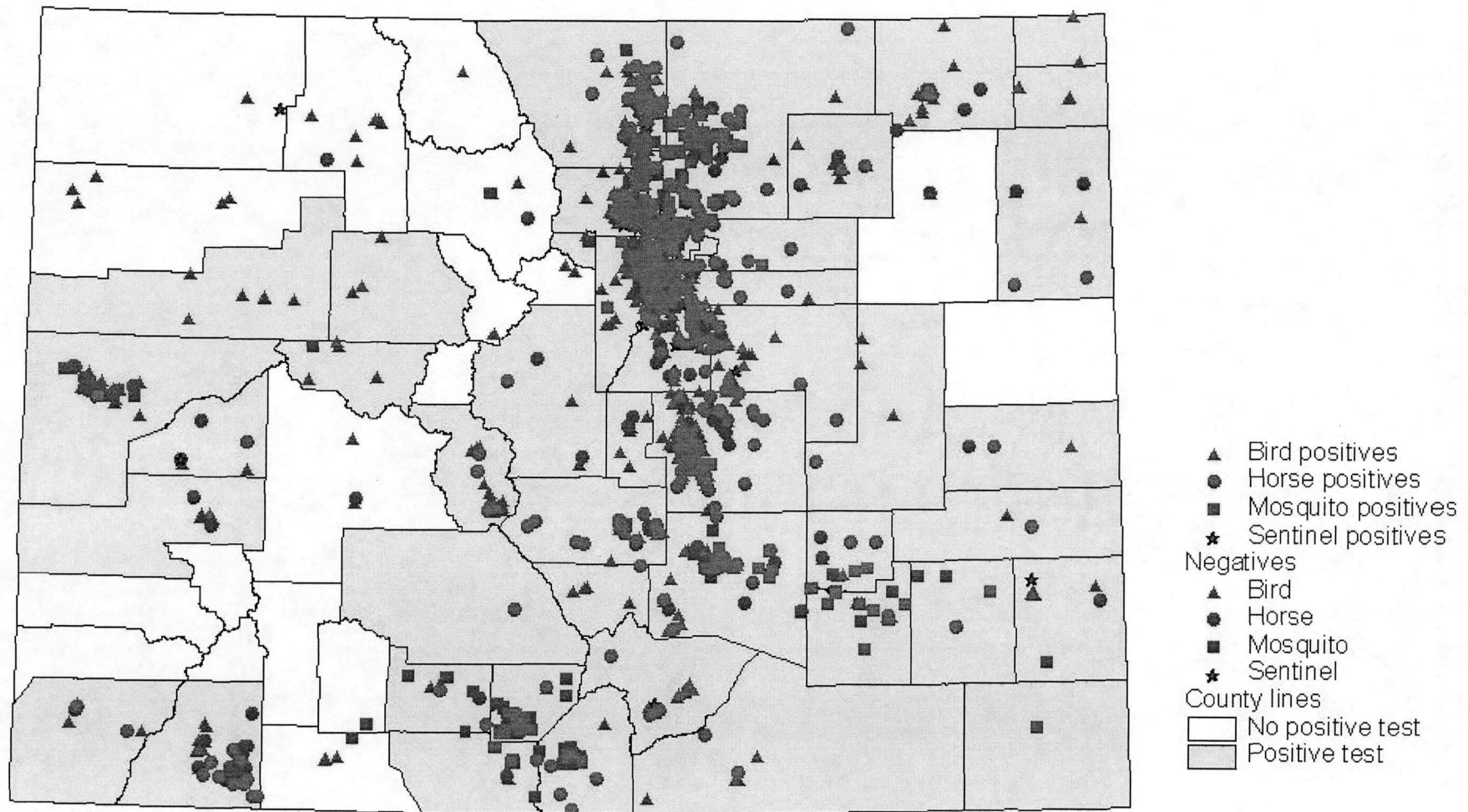
Colorado West Nile Virus Surveillance

Updated August 14, 2003



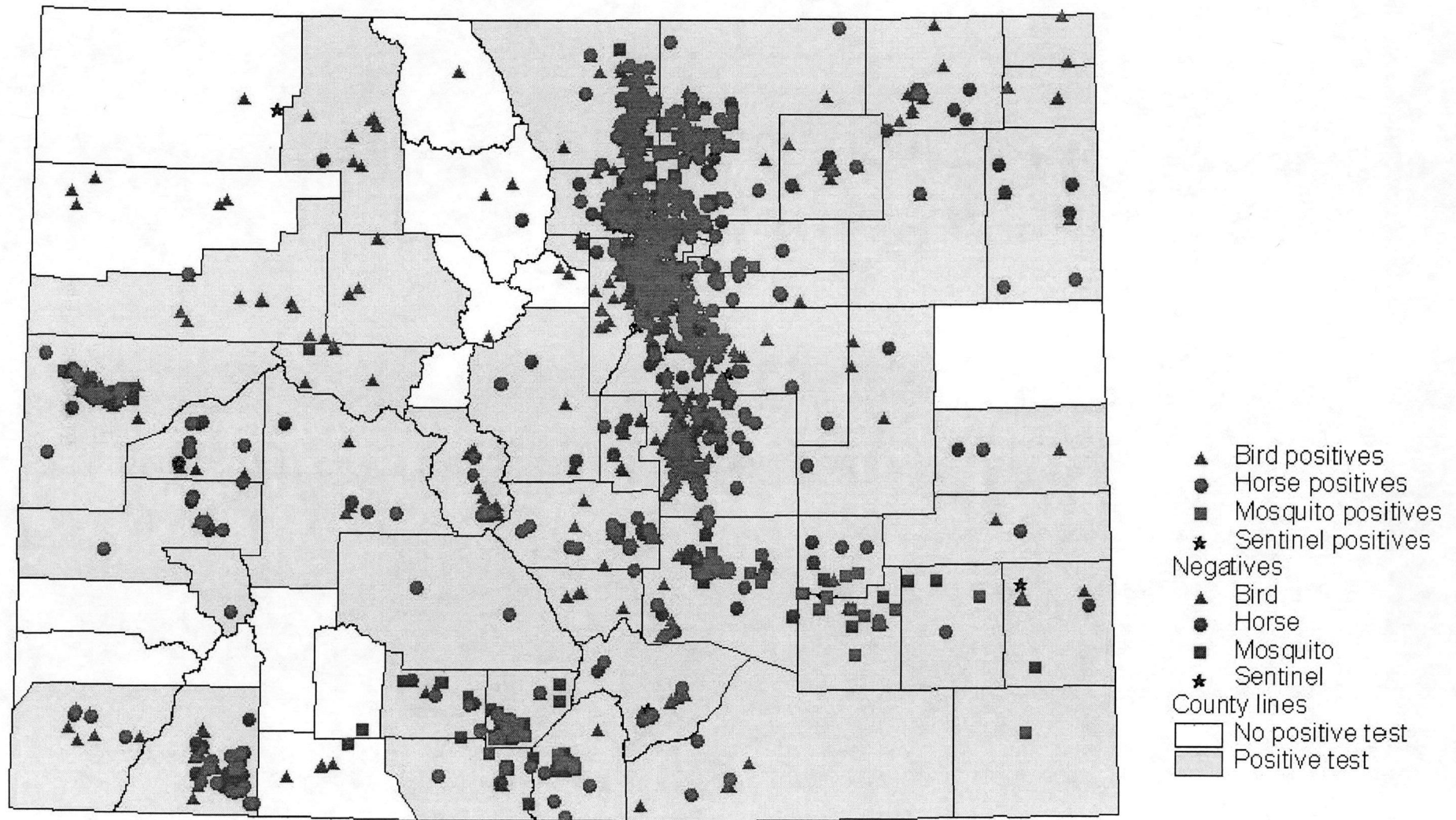
Colorado West Nile Virus Surveillance

Updated August 20, 2003



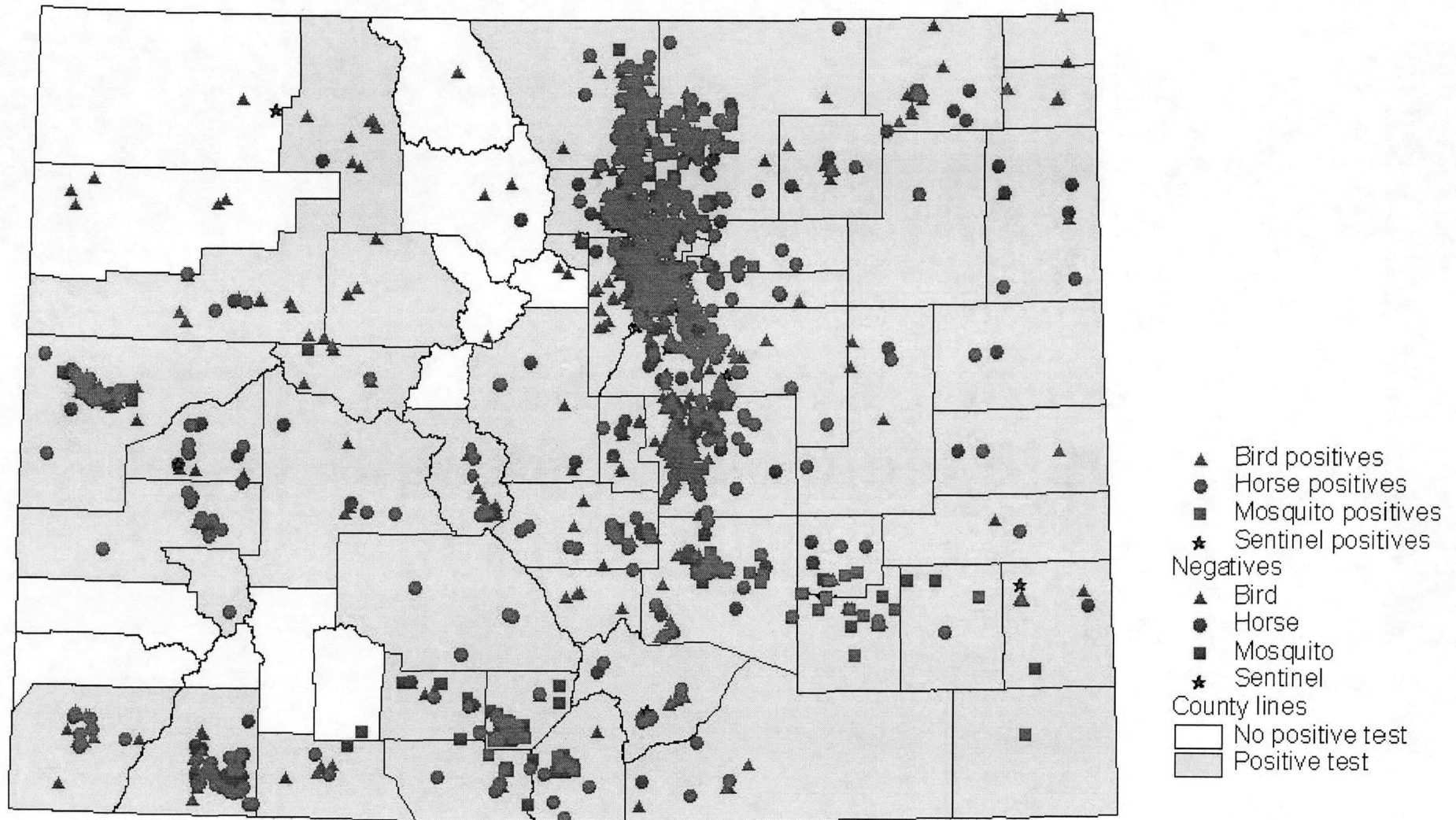
Colorado West Nile Virus Surveillance

Updated August 29, 2003



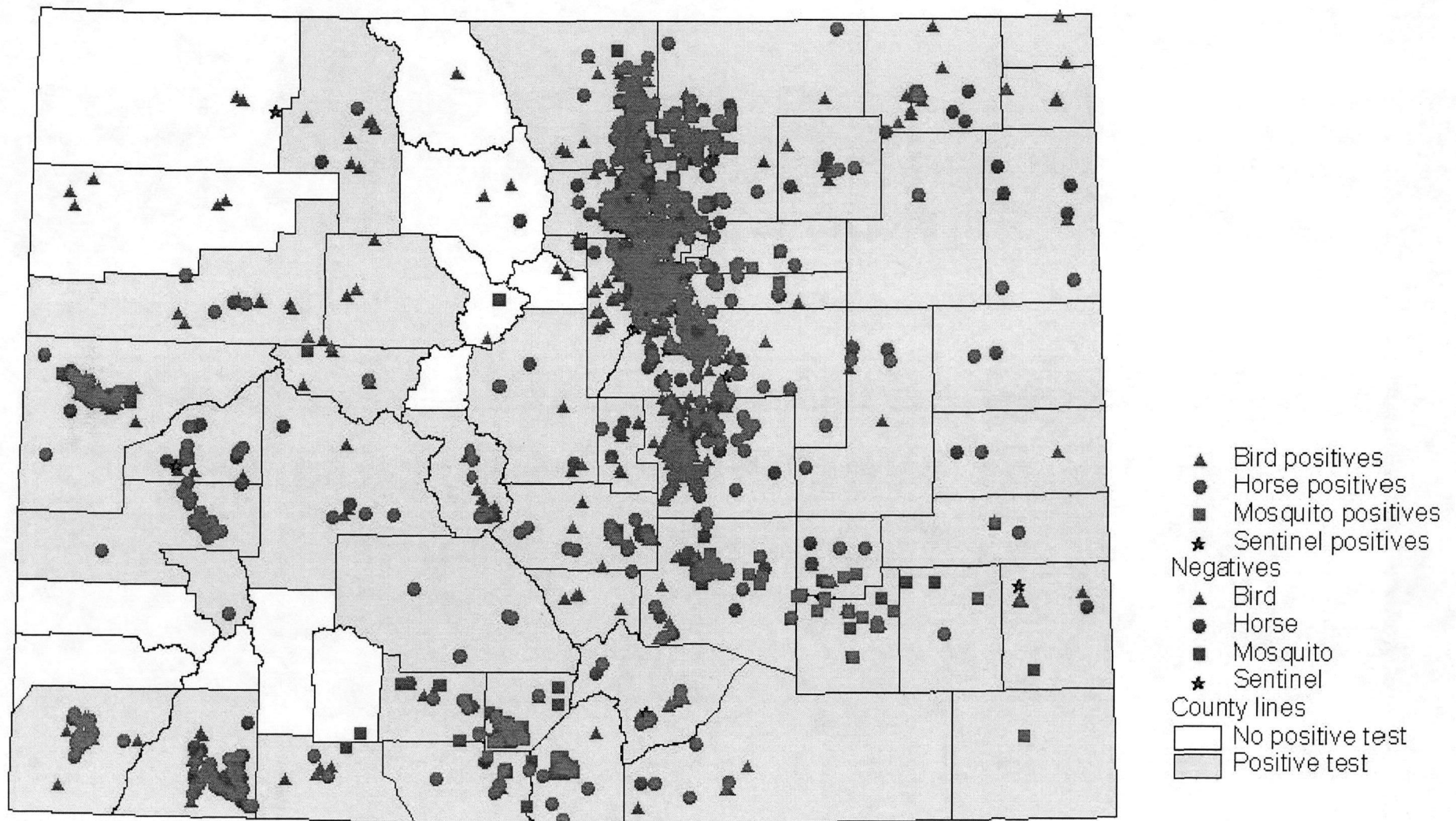
Colorado West Nile Virus Surveillance

Updated September 5, 2003



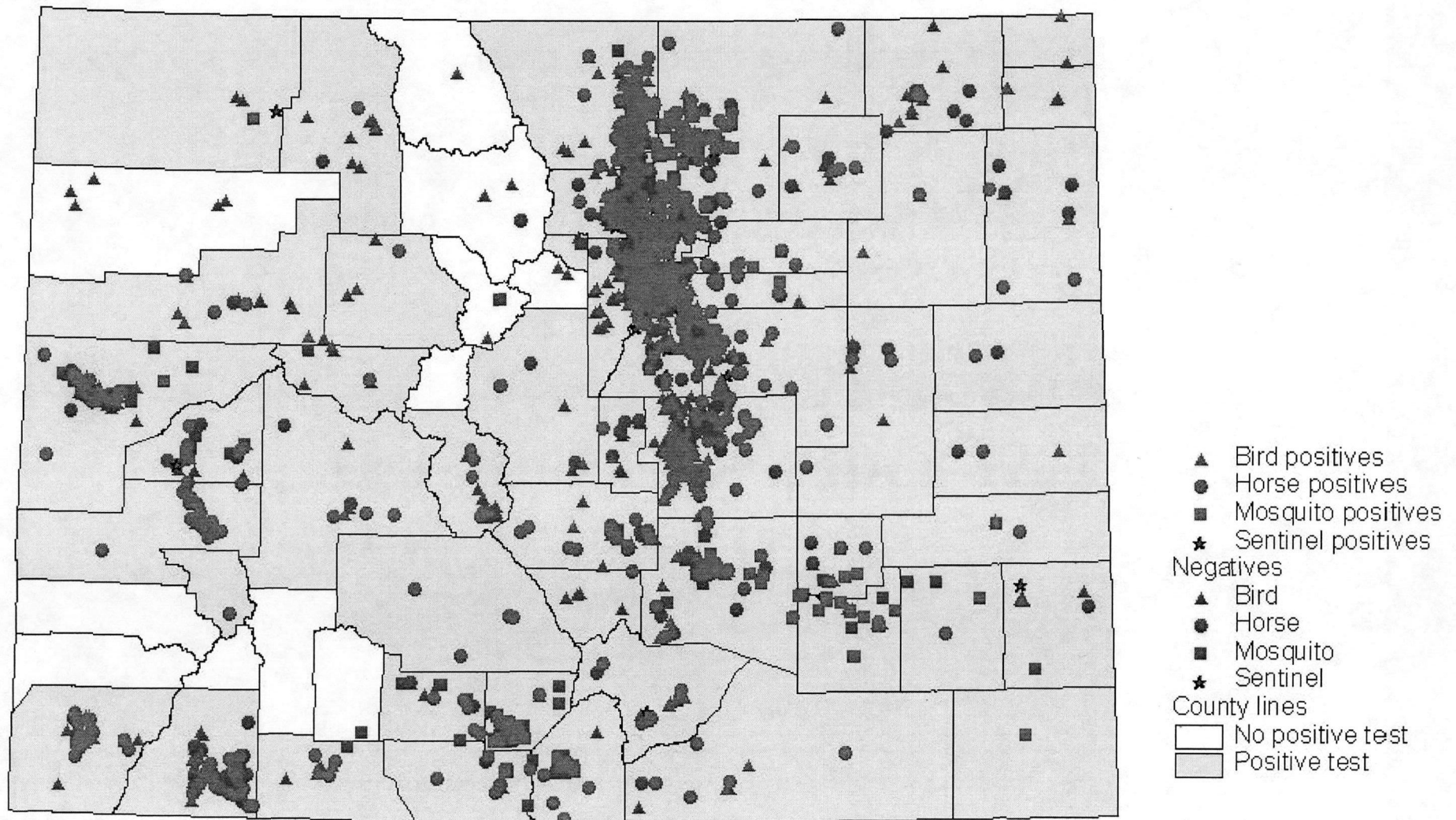
Colorado West Nile Virus Surveillance

Updated September 12, 2003



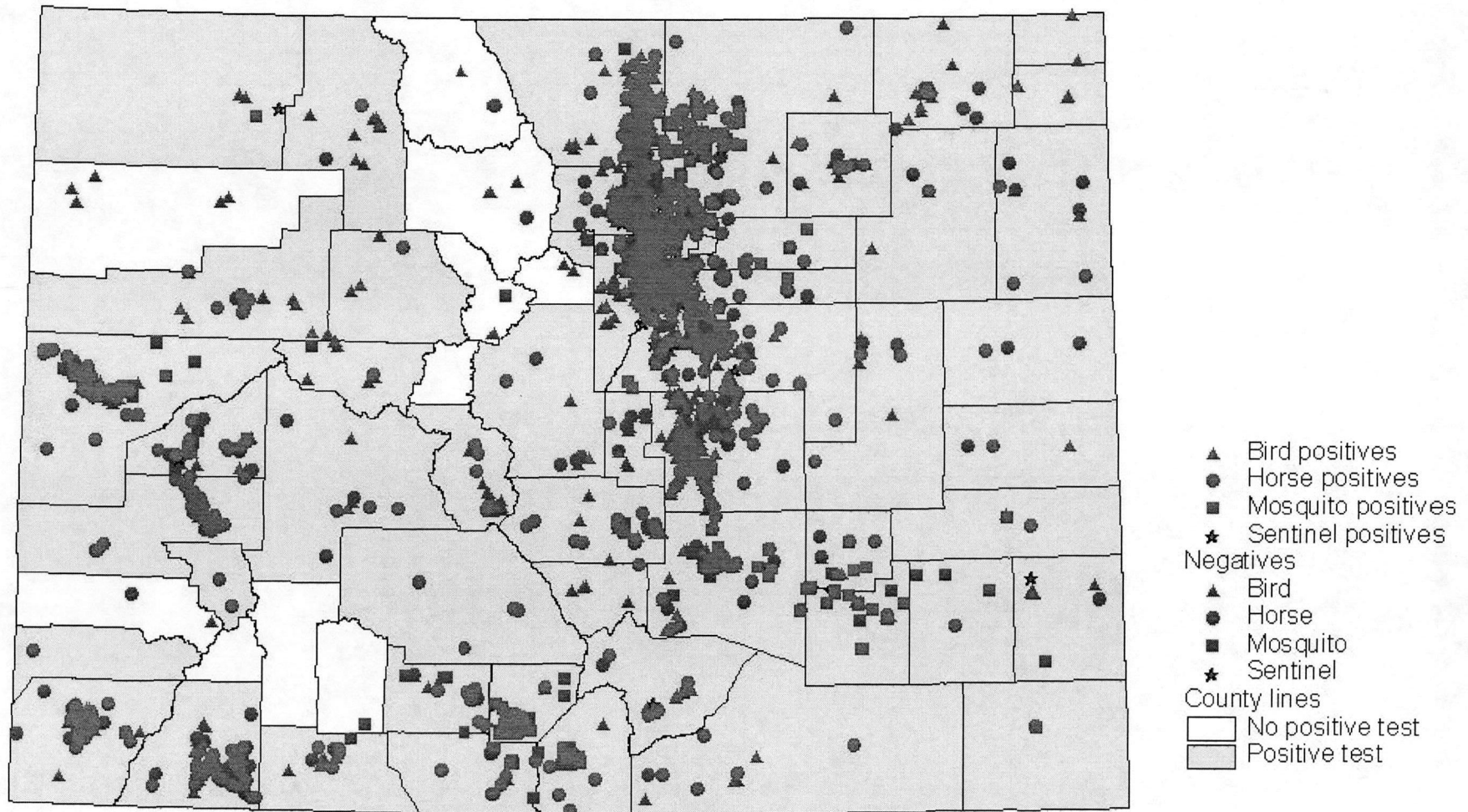
Colorado West Nile Virus Surveillance

Updated September 18, 2003



Colorado West Nile Virus Surveillance

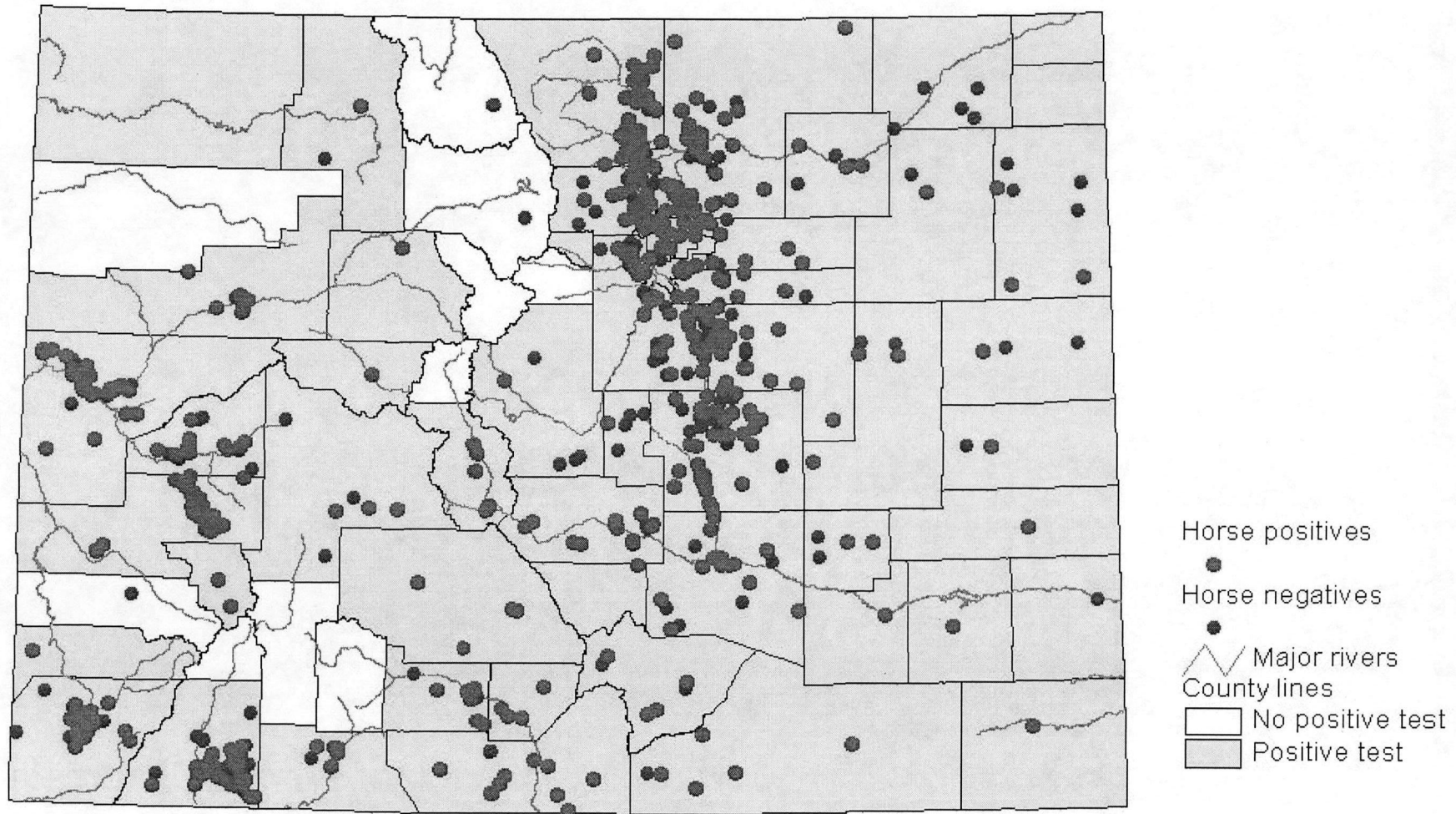
Updated October 15, 2003



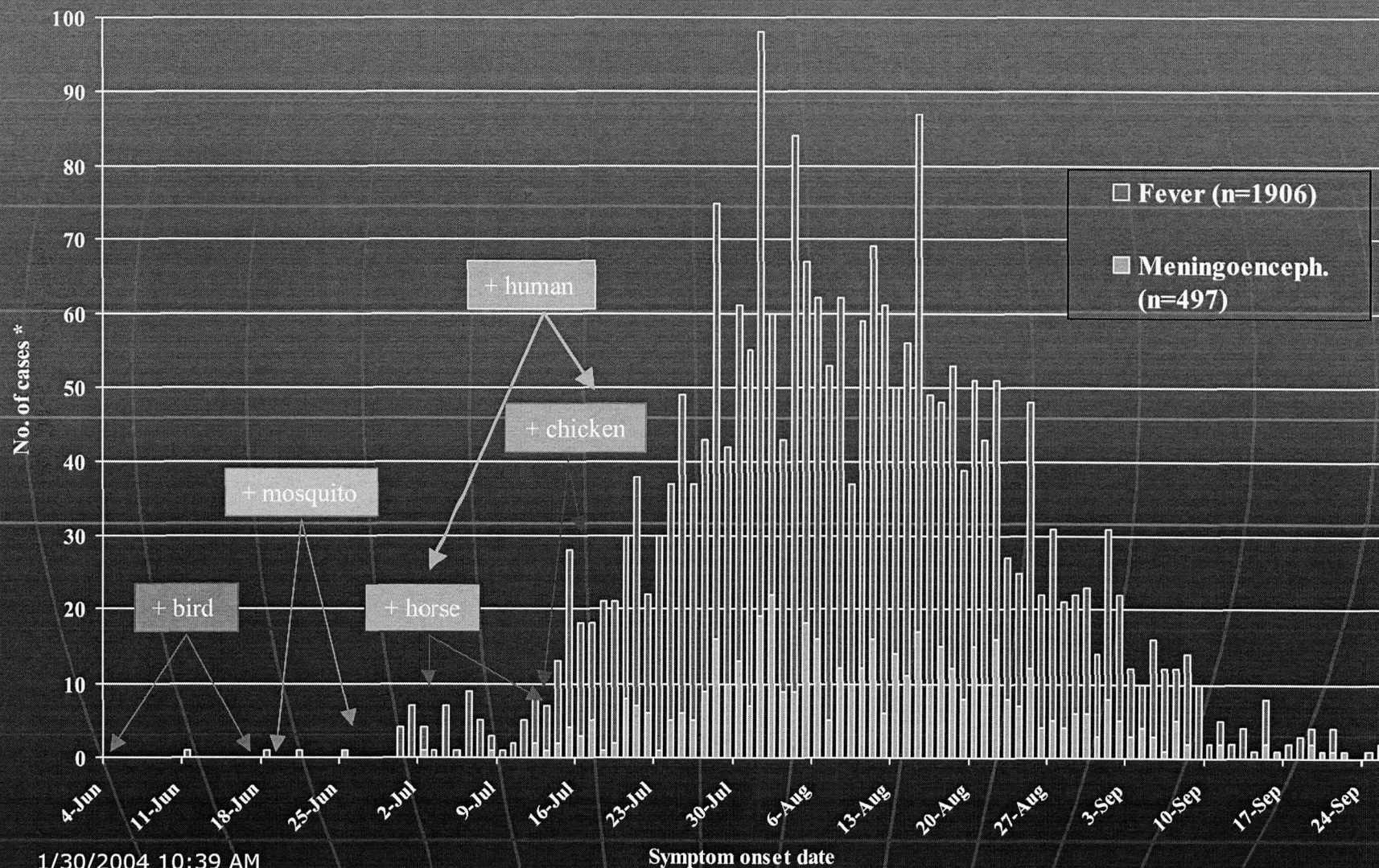
Colorado West Nile Virus Surveillance

Horse Testing

Updated October 15, 2003



Distribution of Onset Dates of Human West Nile Virus Cases: Colorado, 2003



Will WNV come to Hawaii?

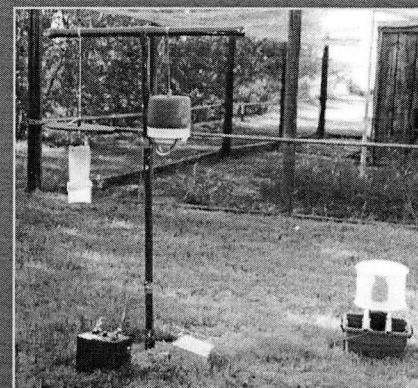
- **Entry must be by air or sea**
- **Mosquito/Bird by cargo travel?**
- **Bird travel ?**
- **Horse or Human travel?**

Prevention

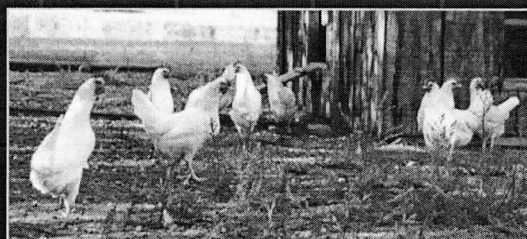
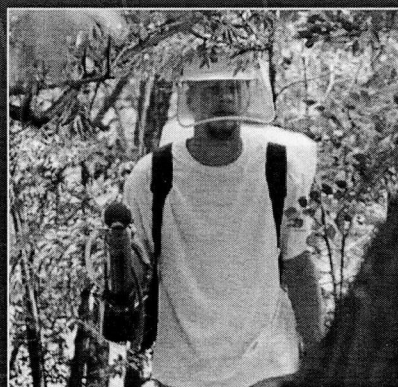
- Study existing data and collect data on mosquito populations and their response to control measures
- Institute mosquito control measures for air and sea transports to Hawaii – i.e. cargo insecticides
- Create and maintain data system for disease control, vector control, lab and health providers to share info

Prevention

- Increase mosquito suppression around air and sea ports
- Increase traps around ports, test mosquitoes trapped for WNV
- Lab must be able to do mosquito and bird WNV test with quick results
- Legal and material needs for emergency mosquito control if WNV detected



A Fully Integrated Control Program



Colorado Mosquito Control Costs

- Varies depending on agency and methods
- Rural Mosquito Abatement District (100 sq/miles)
 - \$315,000 annual budget
- Contract cost for county mosquito control
 - \$500,000 primary contract
 - \$280,000 supplemental funds
- Aerial spray in one county
 - \$293,000 – planes, pesticide, personnel
 - \$ 7,000 – telephone notification
 - Personnel costs

Colorado WNV Surveillance Costs

Laboratory and Field Supplies

Year	Budget	Lab costs
2000	\$90,000	\$59,000
2001	\$90,000	\$48,000
2002	\$190,000	\$97,000
2003*	\$300,000	\$141,000
Total	\$670,000	\$345,000

Colorado

Other Cost Considerations

- Fight the Bite Colorado education campaign
 - Pamphlets, posters, wallet cards
 - \$83,000 prevention
- Maintenance of websites
- Caller hotline
 - \$20,000 month
 - 7/22 – 10/31 received 12,000 calls
 - General information, dead bird reports

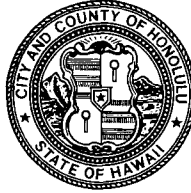
Colorado Lab Testing Costs

- VecTest field dipstick screening test
 - \$10 / specimen
 - WNV only, does not include personnel time
- RT – PCR testing for 3 viruses (WNV, WEE, SLE)
 - \$57/ specimen
- Human IgM antibody test (serum or CSF)
 - \$49 / specimen
- These cost do NOT include indirect costs

HONOLULU LOCAL EMERGENCY PLANNING COMMITTEE
CITY AND COUNTY OF HONOLULU

650 SOUTH KING STREET • HONOLULU, HAWAII 96813
PHONE: (808) 523-4121 • FAX: (808) 524-3439

JEREMY HARRIS
MAYOR



RECEIVED
DEPARTMENT OF HEALTH

2004 APR 27 P 3:34

HEER OFFICE

CHAIR
CARTER DAVIS

COORDINATOR
LELAND NAKAI

April 26, 2004

Ms. Beryl Ekimoto
Hawaii State Emergency Response Commission
Hawaii State Department of Health
919 Ala Moana Blvd, Room 206
Honolulu, Hawaii 96814-4912

Dear Ms. Ekimoto:

The four LEPCs have discussed the apportionment of HEPCRA funds for FY 05 based on figures provided by Denis Shimamoto, and have decided on the following breakout, calculated on a \$3,000 base amount and the remainder on reporting percentages:

Honolulu	$\$46,815 \times 42.6\% + 3,000 = \$22,943$
Big Island	$\$46,815 \times 28.22\% + 3,000 = \$16,211$
Maui	$\$46,815 \times 16.46\% + 3,000 = \$10,706$
Kauai	$\$46,815 \times 12.72\% + 3,000 = \$ 8,955$

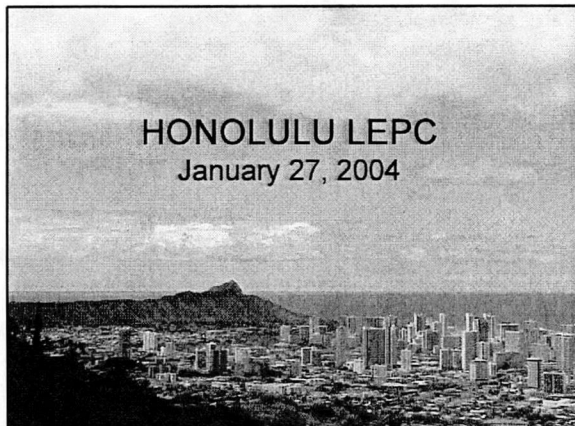
Recommend that this breakout be considered at the next meeting of the HSERC on May 13, 2004.

Please contact me or Mr. Leland Nakai, LEPC Coordinator, at 527-5397 if you have any questions or require further clarification.

Sincerely,

A handwritten signature in black ink, appearing to read "Carter Davis", is written over a horizontal line.

Carter Davis
Chair, Honolulu LEPC



HONOLULU LEPC

January 27, 2004

HONOLULU LEPC

January 27, 2004

- Call to Order
 - Introductions
 - Approval of 12/3/03 Meeting Minutes
- Old Business
 - 2nd Quarter FY 04 Budget Report

HONOLULU LEPC

January 27, 2004

- 2nd Qtr Budget Report
 - Balance – 9/30/03 \$ 11,314.00
 - Expenditures
 - Hazmat Explo, Meeting Notice \$ 2,714.31
 - Payment to Dixon Risk Services \$ 16,000.00
 - FY 04 Tier II Funds \$ 26,831.00
 - Balance – 12/31/03 \$ 19,430.30

HONOLULU LEPC

January 27, 2004

- HSERC Meeting, 12/4/03
 - HSERC Chair – Interoperability Issues
 - Discussions with State Departments & Agencies
 - DAGS has lead
 - To report on progress
 - LEPC Updates
 - Big Island – no report

HONOLULU LEPC

January 27, 2004

- HSERC Meeting, 12/4/03
 - LEPC Updates
 - Maui - Meeting on 10/22; reviewed budget, HMEP Grant, Hazcat Kit, purchase of LCD projector
 - Kauai - C. Ikeda reported that Kauai is still searching for a new Fire Chief
 - Oahu – L. Nakai provided a summary of the 12/3 meeting

HONOLULU LEPC

January 27, 2004

- HSERC Meeting, 12/4/03
 - Retention of Hazmat personnel
 - Training Schedule adjusted
 - Hawaii to host 2004 training
 - Maui will host 2005 training
 - Incentive for retention is being addressed

HONOLULU LEPC

January 27, 2004

- HSERC Meeting, 12/4/03
 - Role of LEPC/SERC
 - All LEPCs felt that adequate structures are in place to deal with terrorism
 - SCD – WMD incidents begin as a Hazmat incident
 - Areas for improvement: plan review, training, exercising, greater involvement, communications

HONOLULU LEPC

January 27, 2004

- HSERC Meeting, 5/29/03
 - Homeland Security Presentation, Ed Teixeira
 - EPA Update, Mike Ardito/Kay Lawrence
 - CHER-CAP & EPA Grants Program
 - Assist LEPC Outreach efforts & Cameo training
 - Region Conference in May/June 2005

HONOLULU LEPC

January 27, 2004

- HSERC Meeting, 5/29/03
 - Maui HMEP Grant Project
 - ArcView GIS Project, \$9.5K
 - Five sites
 - Satellite imagery, aerial photos, facility ID & chemicals, site plans, fire protection devices, access points
 - On CD, stand alone information

HONOLULU LEPC

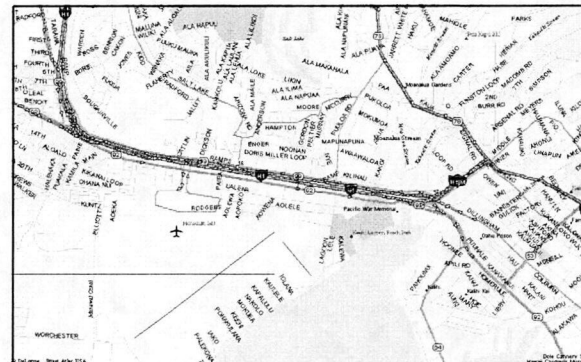
January 27, 2004

- HSERC Meeting, 5/29/03
 - Honolulu HMEP Grant Project
 - Update on Chem/Bio Sampling Training
 - HMEP Training
 - No \$\$ for Awareness training
 - Hazmat Tech training support
 - EPA can assist with Hazmat Tech refresher training
 - Next meeting, January 29, 2004

HONOLULU LEPC

January 27, 2004

- Airport Area Project
 - Airport Industrial/Mapunapuna areas
 - Vulnerability assessments for chemical facilities
 - \$20,000 project approved by HSERC
 - January 2004 start
 - September 2004 completion



Airport Area Project

HONOLULU LEPC
January 27, 2004

- Hazmat Training Issues

Mr. Clem Jung

Ken Lesperance takes clients place

(Wynn class)

*July 29 + 30 (Kauai)
Table Top Exercise*

HONOLULU LEPC
January 27, 2004

- CLEAN UPDATE

Mr. Jim Vinton

*Maui (X + 4 day) -
table top ex. after Kauai*

HONOLULU LEPC
January 27, 2004

- Risk Management Program
 - Implemented in June 1996
 - Covered sources
 - 5 yr accident history
 - Offsite consequence analysis
 - Prevention program
 - Emergency response program
 - Submit Risk Management Plan by June 1999
 - Re-submit every 5 yrs or when changes occur

HONOLULU LEPC
January 27, 2004

- Risk Management Program
 - Proposed Changes
 - Re-submit plan w/in 6 months of accident
 - Emergency contact changes provided w/in 1 month
 - Off-site consequence information not required in executive summary
 - Emergency contact email address
 - Reason for RMP submission
 - Contractor information

Suicide Banking - Anniston 1 HMEP provides training course

HONOLULU LEPC
January 27, 2004

- Risk Management Program
 - Hawaii does not have delegated RMP authority, would require State law
 - Currently looking at partial delegation
 - HEER role
 - Conduct inspections
 - Provide results to EPA
 - No authority to assess penalties

HONOLULU LEPC
January 27, 2004

- Hazmat Sample Kit
 - Prepared with HEER Office assistance
 - Provided to Hazmat units

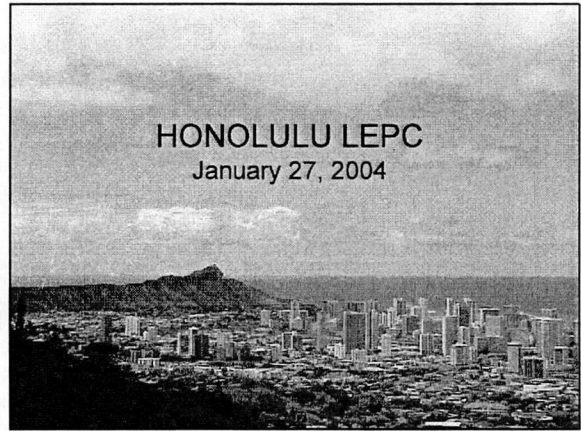
*updated kit replaces old one.
(teach screen technology)*

*Refresh → Refreshment (4rk with) do background before placing another sample on screen
(no air sampling done on kit)*

HONOLULU LEPC
January 27, 2004

- Other Business
 - Recognition of LEPC members
 - Schedule Next Meeting

HONOLULU LEPC
January 27, 2004



**HONOLULU LOCAL EMERGENCY PLANNING COMMITTEE MEETING
JANUARY 27, 2004
OAHU CIVIL DEFENSE AGENCY**

Chair Carter Davis called the meeting to order at 9:03 A.M.

I. INTRODUCTIONS/REMARKS/ADOPTION OF MINUTES

C. Davis welcomed everyone and gave introductory remarks. Attendees (list attached) then introduced themselves. The minutes of the December 3, 2003 meeting were approved as written.

II. OLD BUSINESS

LEPC BUDGET REPORT, 2ND QUARTER, FY04

Balance - 9/30/03	\$11,314.11
• Expenditures	
Hazmat Explo, Meeting Notices	\$ 2,714.81
Payment to Dixon Risk Services	\$16,000.00
• Funds	
FY 04 Tier II Funds	\$26,831.00
Balance - 12/31/03	\$19,430.30

III. NEW BUSINESS

HSERC MEETING, 12/4/03

L. Nakai briefed the members on the December 3rd meeting of the HSERC. Larry Lau stated that he is working on the issue of interoperability with State Departments and Agencies, and that the Department of Accounting & General Services has the lead on the issue. He will provide periodic reports to the HSERC.

Maui LEPC met on October 22, 2003. They reviewed their budget, HMEP Grant Project, the new Hazcat Kit, and discussed a purchase of an LCD projector. Kauai reported that the county is still looking for a new fire chief. C. Davis mentioned that Kauai has since hired a new fire chief. L. Nakai reviewed topics from the December 3rd LEPC meeting and there was no report from Hawaii County.

The Chair received an update on the subject of retention of hazmat personnel. The training schedule for Hazmat Technician training has been altered, to help alleviate Hawaii County's shortage. Hawaii County will host the 2004 training, and

Maui will host training in 2005. C. Davis mentioned that the Fire Council addressed the issue of providing incentives for hazmat technicians, but after discussion with the counties, the Council felt that each county should determine possible incentives for retention of their hazmat personnel. C. Davis went on to explain the Hawaii County situation, where the formation of a new hazmat unit in West Hawaii is further exacerbating the hazmat personnel issue.

The role of the LEPC & SERC was discussed. All the LEPC's felt that adequate structures were in place to deal with terrorism. Ed Teixeira reminded the HSERC that WMD incidents begin as Hazmat incidents, and that LEPCs are fully involved in planning and preparedness for such incidents. Areas recognized for improvement were: plan review, training, exercises, increase involvement, and improved communications.

Ed Teixeira then gave a comprehensive overview of the State of Hawaii Homeland Security Program. L. Nakai recommended that this might be a good presentation for a future LEPC meeting. C. Jung suggested a letter of invitation to Mr. Teixeira. Mike Ardito and Kay Lawrence then provided the HSERC an EPA update. CHER-CAP, EPA Grant programs, CAMEO training and LEPC outreach assistance, and future EPA Regional Conferences were discussed.

Maui gave a presentation on their HMEP grant project. Their project studied 5 facilities using ArcView GIS. This \$9.5K project included aerial photos, satellite imagery, site plans, fire protection devices, and site access points. The data is available on CD and offers first responders a stand-alone system that they can access from field locations. The Honolulu LEPC then followed with a presentation on the Honolulu Harbor Area Project. HSERC members were particularly interested in the linkage to Cameo/Marplot/Aloha.

C. Jung announced to the HSERC that there are no training funds for Hazmat Awareness training in 2004, and that future hazmat training funds could no longer be expected from State Civil Defense. He stated that departments must budget for all future required hazmat training. The available training dollars are going towards Hazmat Technician training. Kay Lawrence stated that EPA could assist with Hazmat Technician refresher training.

The next HSERC meeting will be scheduled for January 29, 2004.

AIRPORT AREA PROJECT

L. Nakai then provided an update on the Airport Area Project. This \$20,000 project will assess facilities in the Honolulu International Airport and the Mapunapuna industrial areas. The project has started in January 2004 and will be completed by September 2004.

HAZMAT TRAINING ISSUES

C. Jung introduced Ken Lesperance who will be replacing Clem in the near future. Hazmat training funds are limited, since Urban Search and Rescue has priority for Emergency Management Planning Grant (EMPG) training dollars. These funds

currently support one Hazmat Technician Refresher course per neighbor island. C. Davis mentioned that HFD did in-house refresher training this year for their Hazmat Technicians, and invited outside agencies to participate in the training. C. Jung hopes to utilize EPA trainers to assist with these refresher courses in the future. A Big Island field exercise is scheduled for August. Kauai is scheduled for a tabletop exercise in 2005 and a field exercise in 2006. A Suicide Bombing course is being developed, and HPD will participate in the Beta test of the program.

HAZMAT SAMPLE KIT

C. Davis demonstrated the new Hazmat ID SensIR device. This completely sealed device will allow sample analysis in the hot zone while transmitting the results wirelessly to personnel in the cold zone. The hazmat sample kit developed in collaboration with the HEER On Scene Coordinators was described. A simplified sampling protocol should facilitate taking samples and preserving the chain of evidence.

C.L.E.A.N. UPDATE

J. Vinton provided an update of C.L.E.A.N. activities. C.L.E.A.N. is still actively working with HPD to develop an evacuation plan for Campbell Industrial Park, but Sergeant Danny Ford and Captain Lefcourt have not been able to address this evacuation plan due to work constraints. The evacuation plan will be mentioned in the update to the Emergency Resources Guide, and work will continue with HPD. Another potential project involves supporting HFD training of hazmat technicians by sponsoring their attendance at the Continuing Challenge. Funding for Continuing Challenge attendance will potentially be provided to the LEPC for this training event. The project to update the Emergency Resources Guide in 2004 is progressing. The census of CIP facilities is completed and contacts and phone numbers are being verified.

J. Vinton then mentioned another potential project to assist HFD with Search and Rescue training, with a focus on specialized situations in CIP. T. Seelig asked if C.L.E.A.N. might assist with finding a location to establish a rubble pile for training, and C. Jung also asked about the possibility of providing rubble material. J. Vinton stated that these might be considered by C.L.E.A.N. at their next meeting. J. Vinton and E. Nishikawa will be discussing the potential Search and Rescue project with C. Davis and L. Nakai.

J. Vinton announced that he has agreed to continue with C.L.E.A.N. as their contractor on a month-to-month basis for this year, and will continue to provide updates in future LEPC meetings.

RISK MANAGEMENT PROGRAM

L. Nakai provided an update on the Risk Management Program (RMP). He gave a quick review of the current program and proposed changes by EPA. These changes include: a re-submission of the plan within 6 months of an accident;

emergency contact changes within one month; the deletion of off-site consequence discussion in the executive summary; emergency contact email addresses; the reason for plan submission; and information about contractors who wrote the plan.

Hawaii does not have delegated RMP authority, which would require a new State law, but is looking at partial delegation. Currently the DOH HEER office can conduct inspections and provide the results to EPA, but lacks the authority to assess fines and penalties.

IV. OTHER BUSINESS/OPEN DISCUSSION

A. Keith announced that he will conduct tours of HECO facilities in March, and that interested personnel should contact L. Nakai. Dates and details will follow.

C. Davis presented Certificates of Appreciation to Bruce Hisanaga and Clem Jung for their contributions to the LEPC. Bruce has retired from the DOE, but is continuing on a contractual basis for the near future. Clem will be moving to another position within State Civil Defense. Carter thanked both of them for participation with the LEPC.

V. SCHEDULE NEXT MEETING

The next LEPC meeting will be scheduled in May before the next HSERC meeting. The meeting adjourned at 10:30 A.M.

Respectfully Submitted,



Leland A. Nakai
LEPC Coordinator

Attachments

**HONOLULU LOCAL EMERGENCY PLANNING COMMITTEE MEETING
JANUARY 27, 2004
OAHU CIVIL DEFENSE AGENCY**

ATTENDANCE LIST

VOTING MEMBERS:

Carter Davis	HFD
Leland Nakai	OCDA
Roy Yamamoto	HAH
Andy Keith	HECO
Lope Salvatierra	Enterprise Services
Rick Stercho	ARC
Earl Nishikawa	Chevron
Charles Lee	Department of Transportation
Ted Metrose	Tesoro
Melvin Tokuda	Department of Agriculture
Paul Epstein	HPD
Ed Correa	BWS
Bruce Hisanaga	DOE

NON-VOTING MEMBERS:

Beryl Ekimoto	HEER
Perry Ayers	MCBH
Lynne Nakamoto	USAGHI Environmental
Jim Vinton	C.L.E.A.N.
Dan Fullenwider	Gas Company
Stan Chock	Gas Company
Annie Lam	Tesoro
Melvin Tsutsumi	HFD
Walter Oda	HFD
Terry Seelig	HFD
Roy Murakami	HFD
Clem Jung	State Civil Defense
Ken Lesperance	State Civil Defense
Doug Aton	Oahu Civil Defense Agency
David Fanning	Defense Depot Pearl Harbor
Chris Lee	USCG
Dennis Poma	ACSI/HAFB



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION IX
75 Hawthorne Street
San Francisco, CA 94105

U.S. EPA Update for Hawai'i SERC Meeting on December 4, 2003

LEPC/RMP Workshop on December 5 in Honolulu

EPA is co-sponsoring a one-day workshop about the chemical Risk Management Program and is tailoring it to representatives of the LEPCs in Hawai'i. There are only 15 slots statewide for the class scheduled for this Friday, December 5 at the Hawai'i Department of Health.

Emergency Prevention and Preparedness Regional Meeting and Award for Honolulu LEPC

EPA conducted a regional Emergency Prevention and Preparedness conference on Nov. 20-21 at the Orleans Hotel in Las Vegas, NV (that followed the mid-year NASTTPO meeting and the major part of the HazMat Explo workshop). The Honolulu LEPC received recognition during an awards ceremony. Honolulu LEPC Chair Carter Davis and LEPC Coordinator Leland Nakai accepted one of the five plaques for the EPA's Regional Leadership Awards for Emergency Prevention and Preparedness.

Information from Department of Homeland Security / FEMA

The language for the CHER-CAP exercise acronym has been slightly changed. It now means: Community Hazards Emergency Response Capability Assurance Process Program.

Update on Chemical Site Security Inspections

Even though the U.S. Senate on October 23, 2003 approved a bill to require chemical manufacturers, producers and users to submit vulnerability assessments and security plans to the Department of Homeland Security, Congress adjourned without acting on the proposed requirements.

However, according to news reports, the Department of Homeland Security (DHS) plans to move forward and inspect thousands of chemical facilities in the coming year regardless of what action Congress takes on pending legislation.

DHS has prepared a document called *Report of Common Vulnerabilities to Terrorism at Chemical Facilities* that DHS has been distributing to the chemical industry, law enforcement officials and state homeland security officials.

New EPA Administrator Mike Leavitt

In November 2003, Mike Leavitt, the former governor of Utah became the new administrator for the U.S. EPA. This week, Administrator Leavitt began outlining his vision for the agency in his first 500-day action plan. Drawing from an environmental philosophy called Enlibra, a word derived from Latin roots that means "to move toward balance" – Leavitt explained that the eight principles of Enlibra form the prism through which he views environmental issues.

EPP Program Contact for EPA Region 9 (Pacific Southwest Region)

For more information about U.S. EPA's Emergency Prevention and Preparedness program for Hawai'i, please contact Mike Ardito at (415) 972-3081 or by email at ardito.michael@epa.gov



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION IX
75 Hawthorne Street
San Francisco, CA 94105

***U.S. EPA Update for Hawaii SERC Meeting
in Honolulu on January 29, 2004***

Chemical Sector Protection Authority Given to Department of Homeland Security

The Bush Administration issued a Homeland Security Presidential Directive #7 on Dec. 17, 2003 that formally removed EPA's authority over protecting critical infrastructure in the chemical sector and transferred the responsibility to the Department of Homeland Security.

EPA will maintain its authority and lead security role over the drinking water supply systems as required by the Bioterrorism Act of 2002.

EPA responded to the 9/11 attacks by developing programs intended to help secure industrial facilities, particularly chemical plants and other sources of hazardous substances. The Department of Homeland Security will lead the federal government's efforts in the coming year to prevent and respond to terrorist attacks involving toxic substances.

Presidential Directive Requires More Coordination of Preparedness Exercises

In addition to requiring a "national domestic all-hazards preparedness" goal in Homeland Security Presidential Directive #8 (also issued on Dec. 17, 2003), it requires that "Federal departments and agencies in consultation with State and local governments shall establish and maintain a comprehensive training program to meet the national preparedness goal."

The training program includes specific or all-hazards emergency response exercises.

Federal Risk Management Program (RMP) Resubmittals Due to EPA in June 2004

The five-year resubmittal due date for Risk Management Program facilities is June 21, 2004. The proposed regulations were published in the Federal Register on July 31, 2003 on pages 45124 to 45132. Final federal guidance is expected in February 2004.

NASTTPO Annual Meeting

The 2004 annual meeting of the National Association of SARA Title Three Program Officials (NASTTPO) will be held in Portland, Maine the week of April 12 - 16.

2004 International HazMat Spills Conference

EPA Region 6 along with EPA's Office of Emergency Prevention, Preparedness and Response in Washington, DC has announced that the 17th annual International Hazardous Materials Spills Conference will be held in San Antonio, TX on May 4 - 6. For registration and/or more information, please go to www.hotzone.org

Regional Emergency Prevention and Preparedness Conference 2004

The next "annual" regional Emergency Prevention and Preparedness conference is tentatively scheduled for the week of Nov. 29, 2004 in conjunction with HazMat Expo 8 which will be held in Las Vegas.

Printing Bug in Tier2 Submit 2003

EPA would like to make you aware of a printing "bug" in the Tier2 Submit 2003 software package. This problem does not affect data entered into Tier2 Submit 2003 software, but does result in inaccuracies with one of the two formats of the printed version of the report. Specifically, the printing "bug" affects data regarding the physical state of a reported chemical (i.e., solid, liquid or gas) in the "Original Style Paper Report" format. The "Complete Paper Report" format is not affected by the printing "bug." For chemicals reported as a solid, the "Original Style Paper Report" shows the chemical as both a solid and a liquid. For chemicals reported as a liquid, the "Original Style Paper Report" does not show the physical state. Chemicals reported as a gas are accurately represented in the "Original Style Paper Report."

As of January 16, 2004, EPA has corrected the Tier2 Submit 2003 software installer available on the EPA Office of Emergency Prevention, Preparedness, and Response (OEPPR) Web site:

<http://yosemite.epa.gov/oswer/ceppoweb.nsf/content/tier2.htm> For facilities that downloaded Tier2 Submit 2003 prior to January 16, 2004, the OEPPR Web site now has instructions on how to download a file that corrects the printing "bug" at: <http://yosemite.epa.gov/oswer/ceppoweb.nsf/content/tier2submitfaq.htm>. This file corrects the printing "bug" without losing any previously entered report data.

State officials and Local Emergency Planning Committee (LEPCs) may wish to contact regulated facilities to request that they download the correction file to assure the accuracy of "Original Style Paper Reports."

Additionally, please distribute this information to all who may have received or will receive potentially affected printed reports, e.g. fire departments.

We apologize for any inconvenience related to this printing "bug." If you have additional questions, please contact the RMP Reporting Center at: (301) 429-5018 (8 a.m. to 4:30 p.m. Monday through Friday, Eastern Time Zone) or via email at: userrmp.usersupport@csc.com.

EPP Program Contact for EPA Region 9

For more information about U.S. EPA's Emergency Prevention and Preparedness program for Hawai'i, please contact Mike Ardito at (415) 972-3081 or by email at Ardito.Michael@epa.gov

MAUI LEPC EMERGENCY PRE-PLAN - An ARCVIEW GIS Project

This is MauiLEPC version 1.3, the first completed version of the Maui LEPC Emergency Pre-plan GIS product. The completion date is October 17, 2003. This work was done for the Maui Local Emergency Planning Committee by Environmental Science International [ESI] under ESI Project Number 103026.

Contact Information:

Mr. Ernest Shih
Environmental Science International
328 Uluniu Street, Suite 204
Kailua, Hawaii 96734
Telephone: (808) 261-0740, fax (808) 261-0749
Email: eshih@esciencei.com

COORDINATE SYSTEM

This version was created in Old Hawaiian UTM Zone 4 (the coordinate system of the State of Hawaii GIS). Although ESI prefers to create the GIS product using the NAD 1983 State Plane Zone 2 system used by Maui County's GIS, the aerial photographs available for the UTM coordinate system are of better quality and have better registration than those currently available for the State Plane Zone 2 system. Later versions of this GIS project may be converted to the State Plane Zone 2 system.

MAUI LEPC SCOPE OF WORK

The objective of this work is to prepare an emergency pre-planning GIS Project for facilities on Maui that have the greatest chemical hazards and therefore pose the greatest chemical risks to the public in the event of an emergency. This project is intended to be installed on the Maui Fire Department laptop computer to provide real-time, readily available site specific information for emergency responders.

SITES OF CONCERN

The following sites are included in this version:

- 1KPP** - Maui Electric Company, Kahului Power Plant, 200 Hobron Lane, TMK: (2)3-7-11:20,
- 2BEI** - BEI Hawaii Maui Facility, 275 Waiko Street, TMK: (2)3-5-02:01
- 3MPC** - Maui Pineapple Co. Ltd., Cannery, 200 Kane Street, TMK: (2)3-7-02:01,20,21,23,25 & 3-8-52:9
- 4TRES** - ThermoTrex, Kihei Commercial Center, TMK: (2)3-9-01:33
- 5UHS** - United Horticultural Supply, 201 Papa Place, TMK: (2)3-8-65:17

DATA IN GIS PROJECT

The GIS Project has the following information:

1. Landsat Satellite Image of the entire island of Maui
2. Aerial Photographs of specific portions of Maui covering the sites of concern
3. Maui Tax Map Key [TMK] data including ownership, TMK number, street address, and area
4. 100 foot contour intervals
5. Major Roads and Streets
6. Facility ID and Chemicals - A hotlink to .pdf files that contain HEPCRA filings and/or any other facility contact and chemical storage information
7. Site Plans - A hotlink to .pdf files that contain all available site plans including: aerial photographs CAD drawings, emergency plans, fire plans, and general site photographs
8. Fire Protection Devices - The location and classification of all FPDs into four classes:
1. Fire Direct Connection, 2. Good Pressure Hydrant, 3. Hose Connection, 4. Low Pressure Hydrant.
All locations have hotlinked photographs showing the devices and their physical settings
9. Kona Wind - The location and classification of egress, ingress, and access points for site access under Kona wind conditions. All features are hotlinked to photographs.

10. *Trade Wind - The location and classification of egress, ingress, and access points for site access under Trade wind conditions. All features are hotlinked to photographs.*

INSTALLATION INSTRUCTIONS

This project has only been tested on a Pentium PC running Windows XP.

To use this project you must have:

1. *ArcView 3.X or higher.*
2. *Adobe 4.0 or higher (installed at: C:\Program Files\Adobe\Acrobat 4.0\Acrobat)*

Copy the entire directory named MauiLEPC3 to your C directory. The path should be (C:\MauiLEPC3).

In the directory named Extensions, find the extensions named GeoLink and HiDatum at

C:\MauiLEPC3\Extensions\.

Copy them into the directory: C:\ESRI\AV_GIS30\ARCVIEWEXT32.

HOW TO USE MAUI LEPC

Using ArcView, open the Project called MauiLEPC3.apr.

You should see two windows (views) side by side. The window on the right-hand side (named Parent 1 Roam Link) is an overview window showing all five sites. The window on the left-hand side (named Parent 1 child 1) has all the detail site information.

SEEING FEATURES AND HOTLINKS

To see the appropriate feature, check the checkbox for the themes containing those features.

To see hotlinks, make sure that the theme containing the feature you are trying to hotlink from is selected. Then use the lightning bolt (hot link) button on the toolbar to activate the lightning bolt cursor. Place the tip of the lightning bolt cursor in the middle of the feature icon and click. The linked file or photograph should appear.

NAVIGATION

You can navigate the each detail site location using one of the following methods:

1. *Geolink Method. Click anywhere in the overview window to make it active. Click the Z button in the tool bar. Click and drag the cursor over the area in the overview window that you want to see in the detail window.*
2. *Find Command. Make the detail window active. Select the theme "Facility ID & Chemicals." Hit {Ctrl+F} or use the find button (binoculars) on the tool bar. Type in any site name or unique portion of site name, such as UHS, or 2BEI. Hit return and your window will move to that location.*
3. *Slow way. Use the grab hand and the zoom-in, zoom-out buttons to navigate from site to site.*

Aloha.

COPY

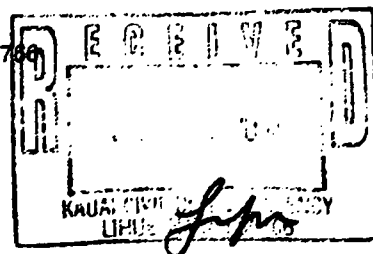
Bryan J. Baptiste
Mayor



Gary K. Heu
Administrative Assistant

OFFICE OF THE MAYOR

County of Kauai, State of Hawaii
4444 Rice Street, Suite 235, Lihue, Hawaii 96766
TEL (808) 241-6300 FAX (808) 241-6177



January 15, 2004

Mr. Lawrence Lau, Chair
Hawaii State Emergency Response Commission
Department of Health
919 Ala Moana Boulevard
Honolulu, HI. 96818

Subject: Kauai LEPC Membership Update

Dear Mr. Lau,

Submitted for your perusal is the current membership list for the Kauai Local Emergency Planning Committee (LEPC). As required under §128E-5 (c) HRS, at least one person represents each of the following groups:

Elected state and county officials	Melvin Rapozo, Councilman
Law enforcement, first aid, health, environmental, hospital, and transportation	Clyde Takekuma, Chief Sanitarian, DOH
Firefighting personnel	Dennis Furushima, Chief, Kauai Fire Dept
Civil defense & emergency management	Clifford Ikeda, Ops Officer, Kauai CD
Broadcast & print media personnel	William Dahle, Manager, KUAI Radio
Community groups not affiliated with emergency service groups	Lisa Beland, League of Women's Voters
Owners & operators of facilities subject to the requirements of EPCRA	Larry G. Rodriguez, Director of Sales Brewer Environmental Industries
Other groups	Cesar Portugal, County Engineer

Thank you.

Sincerely,

A handwritten signature in dark ink, appearing to read "Bryan J. Baptiste".
Bryan J. Baptiste, Mayor



STATE OF HAWAII
DEPARTMENT OF HEALTH
P.O. Box 3378
HONOLULU, HAWAII 96801-3378

In reply, please refer to:
File: EHA/HEER Office

2004-035-MG

To: HSERC Members
From: Marsha Graf *mg*
HEER Office Data Manager
Subject: Tier2 Submit 2002 and 2003 for the 01/29/2004 HSERC Meeting
Date: 01/29/2004

Each County has been supplied with two DSHD 3 1/2 inch diskettes, one for the LEPC and one for the fire department, containing 5 compressed zip files generated by Tier2Submit for import to CAMEO.

Maui Tier2Submit 2002.zip	Maui facilities only. For import to CAMEO FM.
Honolulu Tier2Submit 2002.zip	Honolulu facilities only. For import to CAMEO FM.
Kauai Tier2Submit 2002.zip	Kauai facilities only. For import to CAMEO FM.
Hawaii Tier2Submit 2002.zip	Hawaii facilities only. For import to CAMEO FM.
Tier2Submit 2002.zip	All facilities. For import to CAMEO FM.
Tier2Submit 2003.zip	All facilities. Will not work with CAMEO FM.

The files with 2002 in their names can be imported into CAMEO FM. This year, counties should import either the file containing their county only or Tier2Submit 2002.zip if they would like to view information from the other counties as well.

The file marked 2003 is the file that the HEER Office used to generate this years mail out to covered facilities. It also includes two additional facilities for the County of Hawaii (that were submitted in the 2003 format only).

The HEER Office is currently editing information in Tier2Submit 2003 to reflect submissions for the Reporting Year 2003 and will reissue Tier2Submit 2003.zip when this years filings have all been included. By that time, the EPA should have made available an updated version of CAMEO that will be able to import from Tier2Submit 2003 (CAMEO FM cannot use Tier2Submit 2003 formatted files).

Since each copy of CAMEO is stand alone, if counties add facility information (for example, maps) to their copies of CAMEO, an agreement between the State of Hawaii, Department of Health, HEER Office and counties using CAMEO should be made to provide updates to a master copy of CAMEO.

Questions on importing to CAMEO, downloading CAMEO or using CAMEO should be directed to the EPA. Go to <http://www.epa.gov/ceppo/cameo/contact.htm> for help
If there are questions regarding the integrity of the files or the content of the files, contact Marsha Graf at 1(808) 586-4252 or mgraf@eha.health.sate.hi.us or fax 586-7537.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION IX
75 Hawthorne Street
San Francisco, CA 94105

U.S. EPA Update for Hawaii SERC Meeting in Honolulu on January 29, 2004

Chemical Sector Protection Authority Given to Department of Homeland Security

The Bush Administration issued a Homeland Security Presidential Directive #7 on Dec. 17, 2003 that formally removed EPA's authority over protecting critical infrastructure in the chemical sector and transferred the responsibility to the Department of Homeland Security.

EPA will maintain its authority and lead security role over the drinking water supply systems as required by the Bioterrorism Act of 2002.

EPA responded to the 9/11 attacks by developing programs intended to help secure industrial facilities, particularly chemical plants and other sources of hazardous substances. The Department of Homeland Security will lead the federal government's efforts in the coming year to prevent and respond to terrorist attacks involving toxic substances.

Presidential Directive Requires More Coordination of Preparedness Exercises

In addition to requiring a "national domestic all-hazards preparedness" goal in Homeland Security Presidential Directive #8 (also issued on Dec. 17, 2003), it requires that "Federal departments and agencies in consultation with State and local governments shall establish and maintain a comprehensive training program to meet the national preparedness goal."

The training program includes specific or all-hazards emergency response exercises.

Federal Risk Management Program (RMP) Resubmittals Due to EPA in June 2004

The five-year resubmittal due date for Risk Management Program facilities is June 21, 2004. The proposed regulations were published in the Federal Register on July 31, 2003 on pages 45124 to 45132. Final federal guidance is expected in February 2004.

NASTTPO Annual Meeting

The 2004 annual meeting of the National Association of SARA Title Three Program Officials (NASTTPO) will be held in Portland, Maine the week of April 12 - 16.

2004 International HazMat Spills Conference

EPA Region 6 along with EPA's Office of Emergency Prevention, Preparedness and Response in Washington, DC has announced that the 17th annual International Hazardous Materials Spills Conference will be held in San Antonio, TX on May 4 - 6. For registration and/or more information, please go to www.hotzone.org

Regional Emergency Prevention and Preparedness Conference 2004

The next "annual" regional Emergency Prevention and Preparedness conference is tentatively scheduled for the week of Nov. 29, 2004 in conjunction with HazMat Explo 8 which will be held in Las Vegas.

Printing Bug in Tier2 Submit 2003

EPA would like to make you aware of a printing "bug" in the Tier2 Submit 2003 software package. This problem does not affect data entered into Tier2 Submit 2003 software, but does result in inaccuracies with one of the two formats of the printed version of the report. Specifically, the printing "bug" affects data regarding the physical state of a reported chemical (i.e., solid, liquid or gas) in the "Original Style Paper Report" format. The "Complete Paper Report" format is not affected by the printing "bug." For chemicals reported as a solid, the "Original Style Paper Report" shows the chemical as both a solid and a liquid. For chemicals reported as a liquid, the "Original Style Paper Report" does not show the physical state. Chemicals reported as a gas are accurately represented in the "Original Style Paper Report."

As of January 16, 2004, EPA has corrected the Tier2 Submit 2003 software installer available on the EPA Office of Emergency Prevention, Preparedness, and Response (OEPPR) Web site:

<http://yosemite.epa.gov/oswer/ceppoweb.nsf/content/tier2.htm> For facilities that downloaded Tier2 Submit 2003 prior to January 16, 2004, the OEPPR Web site now has instructions on how to download a file that corrects the printing "bug" at: <http://yosemite.epa.gov/oswer/ceppoweb.nsf/content/tier2submitfaq.htm>. This file corrects the printing "bug" without losing any previously entered report data.

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Additionally, please distribute this information to all who may have received or will receive potentially affected printed reports, e.g. fire departments.

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EPP Program Contact for EPA Region 9

For more information about U.S. EPA's Emergency Prevention and Preparedness program for Hawai'i, please contact Mike Ardito at (415) 972-3081 or by email at Ardito.Michael@epa.gov

LINDA LINGLE
GOVERNOR OF HAWAII



CHIYOME L. FUKINO, M.D.
DIRECTOR OF HEALTH

STATE OF HAWAII
DEPARTMENT OF HEALTH

P.O. BOX 3378
HONOLULU, HAWAII 96801

In reply, please refer to:
HEER OFFICE

HAWAII STATE EMERGENCY RESPONSE COMMISSION
MEETING #52

Thursday, August 21, 2003 from 9:11 a.m. to 10:37 a.m.

Department of Health
919 Ala Moana Boulevard, 5th Floor
Honolulu, Hawaii 96814

Final Meeting Summary
Attendees

Voting

Carter Davis, Oahu LEPC Representative
Laurence Lau, Department of Health
Edward Teixeira, Department of Defense, Civil Defense Division
Glen Lookwood, American Red Cross
Scott Kekuewa, Maui LEPC Representative
John Bowen, Hawaii County LEPC Representative
Charles Hiramoto, Kauai LEPC Representative
Genevieve Salmonson, Environmental Quality Control Office
Robert Boesch, Department of Agriculture

Non-Voting

Denis Shimamoto, Department of Health, Hazard Evaluation and Emergency Response Office
Curtis Martin, Department of Health, Hazard Evaluation and Emergency Response Office
Leland Nakai, OCDA
Mike Cripps, Department of Health, Hazard Evaluation and Emergency Response Office
Clem Jung, State Civil Defense
Tracy Aruga, Hawaii LEPC
David Mendonsa, SDOH-EMSErnest Shih, ESI

1) The meeting was convened at 9:11 a.m. by Laurence Lau.

1.1 Attendees introduced themselves.

1.2 Minutes from meeting #51 were adopted with no changes. (Davis/Bowen)

1.3 "Inter-operability" of communication between first responders

The basic infrastructure must be updated. Each department prefers their own frequency because they do not want to have interference and/or other "chatter" from other first responder interrupting their communication. At present, there are no proposals to address this problem.

The agenda was taken out of sequence due to other commitments of individuals who had agenda presentations.

3) National Transportation Worker Identification Credential (TWIC) System

Ed Teixeira- 1) Under the US Patriot Act an interregnum Federal rule requires the Transportation Security Administration to do security background checks on all truck drivers that transport hazardous materials; 2) Security background checks be done for anyone in the transportation services and its supporting services (e.g. dockworkers); 3) There is a possibility of an increase in the cruise ship business for Hawaii, anticipation of approximately 4 cruise ship docking a week, security of our docks must be examined and analyzed; 4) Security requirements for personnel should be balanced and not too stringent that it prevents people from working.

Carter Davis- 1) Under 49 CFR Part 172, shippers and carriers have new requirements to enhance the security of hazardous materials transported in commerce and they must assure that their employees have security background checks; 2) The offices that deal with shipping container security are: DOT Harbors, Coast Guard, and Customs.

8) Retention of Hazmat Personnel

John Bowen- 1) The Hawaii County Fire Department has lost 8 of 15 hazmat personnel due to retirement and promotion in the last year; 2) There are presently on 3 personnel per shift which is below the personnel requirement to "enter an incident"; 3) Proposes that the HSERC initiate an incentive program to retain Hazmat personnel; 4) This situation should be addressed to the Fire Council and county fire chiefs for review and comment.

Clem Jung- Training classes are rotated between the counties, but they may be prioritized for each island if the need occurs.

Charles Hiramoto- There will be a Fire Council meeting on Maui this Thursday and Friday (8/28-29/03) and he will bring up this concern of the lack of Hazmat personnel to the council.

Mike Cripps- Hazmat is very technical and requires experience. Replacement of a hazmat personnel may require up to a year because of the availability of training classes and a hazmat personnel becomes eligible for promotion within 6 months.

Ed Teixeira- If the County cannot handle a hazmat incident, it becomes a State problem.

John Bowen, Carter Davis, Scott Kekuewa, and Charles Hiramoto will form a working group on the retention and training of hazmat personnel.

6) LEPC Guidebook, Understanding the EPA Risk Management Program (RMP) Rule Workshop

Denis Shimamoto- There is a workshop for LEPC/HSERC members regarding the EPA RMP Rule for December 5, 2003. There are 15 positions, 3 for each LEPC and 3 for the HSERC. Names of attendees must be sent to the HEER Office no later than September 20, 2003. A motion was made to have this workshop on December 5, 2003. (Lockwood/Kekuewa) Unanimously approved.

2) Local Emergency Planning Committee (LEPC) Updates

2.1 Hawaii

John Bowen- 1) Hawaii County is planning to hold an LEPC meeting in late September 2003; 2) Have finalized the pamphlet of a public education program for Hawaii County commercial, industrial, and government entities to explain the State and Federal regulatory compliance requirements for handling hazardous materials and for responding to a hazardous materials emergency at a facility for which it is potentially the responsible party; 3) Distribution of this pamphlet being worked on; 4) There will be an LEPC "tabletop exercise" on August 26, 2003.

2.2 Kauai

Charles Hiramoto- 1) Kauai held an LEPC meeting on May 7, 2003; 2) The "Stinger Kit" will be complete in the near future and training will be provided in its use; 3) A Civil Support Team (CST) exercise was held in the fourth week of July.

2.3 Honolulu

Carter Davis- Gave an update of the August 12, 2003 Honolulu LEPC meeting. 1) They incurred a mailing expense of \$839.40 in the survey of facilities in the harbor area for their Hazardous Materials Emergency Preparedness (HMEP) Planning Grant; 2) Campbell Local Emergency Action Network (CLEAN) Update by Jim Vinton-Tom Shaffer is the new president and they are updating the Campbell Industrial Park Emergency Resources Guide; 3) They are concerned about the drop in the number of TIER II reporting facilities and will be working with the HEER Office on this; 4) At the 2002 State Emergency Response Commission Conference, the roles and responsibilities of the SERC and LEPCs with the Department of Homeland Security require clarification; 5) At the 2003 National Association of SARA Title III Program Officials (NASTTPO) Conference held in Oklahoma City, a review of EPCRA which included a short history of incidents at Bhopal, India and Institute, West Virginia leading to the enactment of EPCRA was given; 6) There was a demonstration of the Travel Infrared Spectrometer which aids in the identification of unknown substances in a response.

2.4 Maui

Scott Kekuewa- Gave an update of the July 30, 2003 Maui LEPC meeting. 1) There was a discussion on the funding to the LEPC and the HMEP Planning Grant; 2) They requested a letter from the HEER Office on the TIER II requirements for facilities to be given out to businesses; 3) 20% of the contract with Environmental Science International on the HMEP Planning Grant project which deals with facility profile of hazmat facilities has been completed; 4) news media representative will be promoting the role of the LEPC; 5) They will be updating the Maui Fire Dept. (MFD) Hazcat testing equipment.

4) HMEP Planning Grant/Training Classes

Clem Jung, State Civil Defense, distributed a schedule of training classes. (Schedule attached) He stated that the SCD web page has the updated list of training classes.

5) EPA Update

Mike Ardito could not make this meeting, but he submitted a "US EPA Update for Hawaii SERC" handout. (Handout attached)

7) Chemical/Bio Sampling Training for First Responders

Curtis Martin-Honolulu County HazMat Teams will be trained on three separate days from October 21, 22, and 23, 2003. Off-duty HazMat personnel will be attending the training. Each county will coordinate with the assigned SOSOC (Mike Cripps-Hawaii County; Liz Galvez-Kauai; Terry Corpus-Maui; Ed Gomes-Honolulu) for training for their respective county.

9) Other Business

Carter Davis-At the NASTTPO Annual Conference, the roles and responsibilities of the SERC concerning Homeland Security was discussed. Should the LEPC and SERC play a greater role in terrorism and hazardous materials events? Should there be a coordination of hazardous materials events to be incorporated with terrorism events? Should we start to include an all hazardous approach?

Leland Nakai-The Department of Homeland Security has funds for terrorism and if the SERC and LEPC become involved with terrorism, funds may be available to them.

John Bowen-The HSERC and LEPC emergency plans may have to include or "tie in" state/county terrorism plans.

Clem Jung-Training class funds have been "redirected" and prioritized for "terrorism" and "urban search and rescue" training classes. There are no funds available for "awareness" training and there has been a request for more "technician" training classes. HMEP training funds has remained the same, but could be eliminated.

Carter Davis-"Technician" training is seen as priority training.

Mike Cripps-Upon completion of the "40 hour" training, the individual requires an "8 hour" refresher class

within 12 months or he loses his certification. If he does not attend this "8 hour" refresher class, he is then required to attend another "40 hour" training to obtain his certification.

John Bowen-We need additional instructors for these training classes. We would not have to rely on outside instructors; more flexible in class availability and time; and it would be good cross training with other instructors' expertise.

10) Schedule next HSERC meeting

The next HSERC meeting will be on Thursday, December 4, 2003 at 9:00 am.

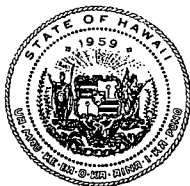
The meeting was adjourned at 10:37 am.

Respectfully Submitted

A handwritten signature in cursive script, reading "Denis M. Shimamoto".

Denis M. Shimamoto
HSERC Coordinator

LINDA LINGLE
GOVERNOR OF HAWAII



CHIYOME L. FUKINO, M.D.
DIRECTOR OF HEALTH

STATE OF HAWAII
DEPARTMENT OF HEALTH

In reply, please refer to:
HEER OFFICE

P.O. BOX 3378
HONOLULU, HAWAII 96801

HAWAII STATE EMERGENCY RESPONSE COMMISSION
MEETING #53

Thursday, December 4, 2003 from 9:02 a.m. to 12:03 p.m.

Department of Health
919 Ala Moana Boulevard, 5th Floor
Honolulu, Hawaii 96814

Draft Meeting Summary
Attendees

Voting

Leland Nakai, Oahu LEPC Representative
Laurence Lau, Department of Health
Edward Teixeira, Department of Defense, Civil Defense Division
Richard Stercho, American Red Cross
Scott Kekuewa, Maui LEPC Representative
Clifford Ikeda, Kauai LEPC Representative
Genevieve Salmonson, Environmental Quality Control Office
Robert Boesch, Department of Agriculture
Gary Moniz, Department of Land & Natural Resources
Masayoshi Ogata, Department of Labor & Industrial Relations
Thomas Smyth, Department of Business, Economic Dev. & Tourism

Non-Voting

Denis Shimamoto, Department of Health, Hazard Evaluation and Emergency Response Office
Curtis Martin, Department of Health, Hazard Evaluation and Emergency Response Office
Mike Cripps, Department of Health, Hazard Evaluation and Emergency Response Office
Clem Jung, State Civil Defense
Michael Ardito, US EPA, Region IX
Ernest Shih, ESI
Paul Dixon, Dixon Risk Services, Inc.
James Decker, HIOSH
Sam Agpawa, US EPA, Region IX
Jeff Eckerd, DOH-NRIHQ
Cynthia Pang, Navy Region Hawaii
Alan Sugihara, Navy Region Hawaii
Jim Vinton, CLEAN

Kay Lawrence, US EPA, Region IX

Clem Jung, SCD

Ann Lam, Tesoro

Terry Corpus, Department of Health, Hazard Evaluation and Emergency Response Office

Elizabeth Galvez, Department of Health, Hazard Evaluation and Emergency Response Office

Ed Gomes, Department of Health, Hazard Evaluation and Emergency Response Office

Beryl Ekimoto, Department of Health, Hazard Evaluation and Emergency Response Office

Kathy Ho, Deputy Attorney General

1) The meeting was convened at 9:02 a.m. by Laurence Lau.

1.1 Attendees introduced themselves.

1.2 Minutes from meeting #52 were adopted with no changes. (Nakai/Boesch)

1.3 "Inter-operability" of communication between first responders

The issue is larger than initially perceived. There is still discussion both inter and intra-departmental. DAGS is the lead on this situation. Chairperson will continue to follow-up.

2) Local Emergency Planning Committee (LEPC) Updates

2.1 Hawaii

No representative from Hawaii County LEPC

2.2 Kauai

Clifford Ikeda-The LEPC chair was on extended sick leave and his alternate retired. They are presently looking for a new fire chief. The interim Chief is Theodore Williams. The next LEPC meeting is planned for Early February 2004.

2.3 Maui

Scott Kekuwa-Gave an update of the October 22, 2003 Maui LEPC meeting. 1) There was a discussion on the fiscal year budget which involved the cost to upgrade the Maui Fire Department Hazcat Testing kit and equipment; to continue the facility profile planning under the Hazard Materials Emergency Preparedness (HMEP) Planning Grant; media campaign to promote the role of the LEPC to the community; to send members to the HAZMAT EXPLO in Las Vegas; exercise equipment for MFD hazmat team; and the requirements of a power point projector. The next Maui LEPC meeting will be on February 11, 2004.

2.4 Honolulu

Leland Nakai- Gave an update of the December 3, 2003 Honolulu LEPC meeting. 1) They sent 5 people to the Continuing Challenge Hazmat Workshop that was held in Sacramento, CA from September 2-5, 2003; a) a report was given by Captain Tsutsumi; b) one benefit was to see all available fire related equipment in one place; 2) An update of the HAZMAT EXPLO which was held in Las Vegas from November 17-21, 2003; a) US DOT requirement for a security plan in the transportation of hazard materials at threshold planning quantity; b) to obtain Dept. of Justice funds, the LEPC must be "all hazards" planning; c) legislation introduced by Senator McCain to increase funding for HMEP grants; d) a computer based Hazmat Operations Refresher Program with pilot studies in 2004 of which the Honolulu Fire Department will participate; e) the National Response Plan (NRP) is an "all hazards" plan integrating all federal plans with emphasis on prevention and awareness; f) there are proposed changes in the Risk Management Program (RMP); g) chemical site security is now with the Department of Homeland Security (DHS); h) site security for water facilities are still with EPA; 3) A CLEAN Update by Jim Vinton was given; a) the new president is Tom Shafer; b) they are updating their resources guide; 4) presentation of the HMEP Planning project (which will be presented later); 5) the Gas Co. presented their project on propane storage.

The subject of the retention of fire hazmat personnel was discussed. Scott Kekuwa stated that he spoke to Maui Fire Chief Carl Kaupalolo regarding the retention of hazmat personnel. Subject is on the "back burner". The

Governor and the Hawaii Fire Fighter Association (HFFA) should be involved in retention. Data is needed on the number of personnel lost, training cost, comparison as to cost of replacement of personnel and to what is the cost needed for retention incentives.

3) Homeland Security

Agenda item deferred to later in the meeting because Ed Teixeira was attending another meeting.

4) Role in Terrorism for the SERC/LEPC

Larry Lau, moderator

1) The HMEP Planning and Training Grants are strictly for hazmat purposes due to its source of funding. 2) We will need a definition of Chapter 128E on whether it could include "all hazards". 3) The LEPC has several "hats" which covers all incidents, but the question is whether the incident is accidental or planned/intentional.

Gary Moniz-In response training, must include as many components as possible. (departments, first responders, etc.)

Jim Decker-There is a need to identify other individuals and support areas. (tertiary components)

Clem Jung-Training starts as hazmat training until cause is determined and it may become a WMD situation.

Each Department should review the State Emergency Response Plan (ERP) and determine what is their role.

Agenda item is deferred for further discussion.

5) EPA Update

Mike Ardito gave an EPA update. (Handout attached)

Kay Lawrence, Chief of EPA Region IX Emergency Prevention and Preparedness Section-Funds are available for training courses (WMD, ICS, etc.). Let her know of any specific needs such as developing a web page for an LEPC. Janice Witul is available for training in CAMEO and TIER 2 Submit.

3) Homeland Security

Vice Director Ed Teixeira, SCD 1) Objectives are to a) prevent terrorist attacks; b) reduce our vulnerabilities to terrorism; c) respond and recover from attacks; 2) Prevention is the first task; 3) Reduce our vulnerabilities; 4) Increased maritime security to be under the US Coast Guard with coordinated support from DLNR, DPS, local police, etc. due to anticipated increase in cruise ship activity in 2004; 5) Gave an update of the "Inaugural Asia-Pacific Homeland Security Summit & Exposition".

6) Maui HMEP Planning Grant Project

Scott Kekuewa, Maui LEPC Co-Chair introduced Mr. Ernest Shih of Environmental Science International that did the project. He gave a brief overview of the project. (Handout attached)

8) HMEP Training Classes and Exercises

Clem Jung-Gave an update of classes. For FY 05, there are no funds for awareness training. There will be 1 class in technician training and 3 classes in refresher training. Kay Lawrence stated that EPA has funds available for the 40-hour training and refresher classes.

7) Update on Chemical/Bio Sampling Training for First Responders

A slide presentation was given. The first session was held on Oahu from October 21-23, 2003. There were twenty attendees per class with personnel from HFD, CST and Federal Fire. The objective was to provide statewide training to Fire Hazmat Teams on the sampling for biological organisms and chemical substances and for hazard categorization (conducting simple tests of an unknown to put it into one of nine classes of hazard classification system for transportation purposes).

Hazmat Teams 1 & 2 were each provided a container of the sampling kit and have been using it in the field.

Training on Kauai is planned for February 2004.

9) Oahu HMEP Planning Grant Project

Paul Dixon of Dixon Risk Services, Inc. gave a brief overview of the project. (Handout attached)

10) Other Business

Clem Jung-There will be a WMD/Hazmat exercise at Konawaena High School on the Island of Hawaii on August 24, 2004. The 2004 Emergency Response Guide book is available.

11) Schedule next HSERC meeting

The next HSERC meeting will be on Thursday, January 29, 2004 at 9:00 am.

Curtis Martin is the Chair Designee if Larry Lau is unable to chair the meeting.

The meeting was adjourned at 12:03 pm.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION IX
75 Hawthorne Street
San Francisco, CA 94105

U.S. EPA Update for Hawai'i SERC Meeting on December 4, 2003

LEPC/RMP Workshop on December 5 in Honolulu

EPA is co-sponsoring a one-day workshop about the chemical Risk Management Program and is tailoring it to representatives of the LEPCs in Hawai'i. There are only 15 slots statewide for the class scheduled for this Friday, December 5 at the Hawai'i Department of Health.

Emergency Prevention and Preparedness Regional Meeting and Award for Honolulu LEPC

EPA conducted a regional Emergency Prevention and Preparedness conference on Nov. 20-21 at the Orleans Hotel in Las Vegas, NV (that followed the mid-year NASTTPO meeting and the major part of the HazMat Explo workshop). The Honolulu LEPC received recognition during an awards ceremony. Honolulu LEPC Chair Carter Davis and LEPC Coordinator Leland Nakai accepted one of the five plaques for the EPA's Regional Leadership Awards for Emergency Prevention and Preparedness.

Information from Department of Homeland Security / FEMA

The language for the CHER-CAP exercise acronym has been slightly changed. It now means: Community Hazards Emergency Response Capability Assurance Process Program.

Update on Chemical Site Security Inspections

Even though the U.S. Senate on October 23, 2003 approved a bill to require chemical manufacturers, producers and users to submit vulnerability assessments and security plans to the Department of Homeland Security, Congress adjourned without acting on the proposed requirements.

However, according to news reports, the Department of Homeland Security (DHS) plans to move forward and inspect thousands of chemical facilities in the coming year regardless of what action Congress takes on pending legislation.

DHS has prepared a document called *Report of Common Vulnerabilities to Terrorism at Chemical Facilities* that DHS has been distributing to the chemical industry, law enforcement officials and state homeland security officials.

New EPA Administrator Mike Leavitt

In November 2003, Mike Leavitt, the former governor of Utah became the new administrator for the U.S. EPA. This week, Administrator Leavitt began outlining his vision for the agency in his first 500-day action plan. Drawing from an environmental philosophy called Enlibra, a word derived from Latin roots that means "to move toward balance" – Leavitt explained that the eight principles of Enlibra form the prism through which he views environmental issues.

EPP Program Contact for EPA Region 9 (Pacific Southwest Region)

For more information about U.S. EPA's Emergency Prevention and Preparedness program for Hawai'i, please contact Mike Ardito at (415) 972-3081 or by email at ardito.michael@epa.gov

Honolulu LEPC
Harbor Area
Hazard Analysis
2003

EHS Hazard Analysis Project
Objectives

- Provide information on Hazardous Materials for the City and County Emergency Operations Plan
- Focused on reportable quantities of Hazardous Materials
- Also included Costco, Home Depot and Weyerhaeuser and other businesses near the Harbor Area

EHS Hazard Analysis Project

- Hazardous Chemicals Identified:
 - Chlorine
 - Ammonia
 - Sulfuryl Fluoride
 - Methyl Bromide
 - Chlorodifluoromethane
 - Carbon Dioxide
 - Flammables

EHS Hazard Analysis Project

- Identify locations with reportable quantities of chemicals/flammables
- Collect Site Information
- Determine Worst Case and Alternative Release Scenarios
- Identify potentially affected areas
- Populate CAMEO and MarPlot with current information

EHS Hazard Analysis Project

- Material quantities
- Location on-site
- Storage or process conditions such as temperature and pressure
- Mitigation systems such as secondary containment, detectors or water sprays

EHS Hazard Analysis Project

- Transportation
 - Many transportation-related facilities
 - Not included under HEPRA
 - Some declined to participate

EHS Hazard Analysis Project

- Release Scenarios
 - One worst case scenario for each toxic substance
 - One alternative release scenario

EHS Hazard Analysis Project

- Worst Case Scenarios
 - Release of the largest container over 10 minutes
 - For flammables – instantaneous release of largest container

EHS Hazard Analysis Project

- Toxic Endpoint Levels of Concern
- Blast overpressure of 1 psi
- EPA RMP rules used as a basis
- Emergency Response Planning Guidelines used (ERPG)

Toxic Materials

	mg/L	ppm	Basis
Ammonia (anhydrous)	0.14	200	ERPG-2
Carbon Dioxide	9.15	10,000	2 x PEL
Chlorine	0.0087	3	ERPG-2
Chloro-difluoromethane (Refrigerant 22)	7.425	1,500	10% IDLH
Methyl Bromide	97.25	25	10% IDLH
Nitric Acid	10.32	4	STEL
Sodium Cyanide	11	10	ERPG-2
Sulfuryl Fluoride (Vikane)	83.6	20	10% IDLH

Identify Businesses to Include

- Primary Sources:
 - HEER Database - SARA Title III Information
 - Proprietary database of business locations
 - Wastewater permitting documentation

Warehouse and Bulk Retail Fires

- May release toxic or hazardous materials with off-site impact
- Many warehouses in the Honolulu Harbor area
- Warehouse fires produce a large plume of dense black smoke.

Warehouse and Bulk Retail Fires

- Fires may grow rapidly and affect other structures
- Unknown conditions for firefighters
 - Sudden chemical release
 - Collapse of structure or high pile storage
 - Aerosol cans or drums may 'rocket'

Warehouse and Bulk Retail Fires

- May release toxic or hazardous materials with off-site impact
 - Flammable liquids stored in plastic containers.
 - Flammable free-flowing dusts.
 - Flammable liquids in steel drums.
 - Aerosol Cans
 - Large amount of plastic and cardboard
 - Timber pallets.

Warehouse and Bulk Retail Fires

- Agricultural Chemicals may release:
 - carbon monoxide
 - hydrogen chloride
 - phosgene
 - chlorine
 - sulfur dioxide
 - nitrogen oxides
 - hydrogen cyanide
 - ammonia
 - and phosphorus oxides.

Warehouse and Bulk Retail Fires

- Large warehouse fire in Phoenix, August 2000
 - Air and smoke samples were taken to evaluate public health impacts
 - The fire included pool chemicals, fertilizers and pesticides.
 - Smoke caused short-term respiratory distress in some residents

Warehouse and Bulk Retail Fires

- Environmental sampling during and after the fire
- No significant deposition of pesticides at any of the residences tested.
- Air samples in the "hot-zone" near the fire found acrolein
- No compounds were found that represented an imminent health threat.

Other Hazards Identified

- Grain storage
 - Potential for dust explosion
 - Estimated hazard distance - up to 900 feet

Other Hazards

- In Westwood LA, 1977, an explosion at a grain elevator facility killed 36 people and injured nine.
- In the 1990's, there was an average of 13 grain dust explosions per year in the US.

Hazard Analysis Results

- 44 sites identified
- 16 hazardous chemical locations
- 36 potential fire/explosion hazards

Potential Future Projects

- Coordination with other Planning efforts
 - US Coast Guard
 - State Harbors Division
 - State Department of Transportation
 - State Civil Defense
 - HEER

Potential Future Projects

- Develop system to update data.
- Potential to use local fire station visits.
- Fire/emergency preplans specific to the site.

12/4/03 HSENC meeting

(1)

9:02 am meeting convened by Larry Lau
Leland, Bob minutes approved
Interoperability of communication - spoke w/
DOT personnel
DAGS is lead will continue to follow up.

LEPC updates -

C.I. Kauai - S/C, looking for new fire chief, Charlie Kuan to
retire, next meeting early February 2004.

Scott Mauna - 10/27/03 thru fiscal year budget & HMAEP Planning grant.
Updated HAZMAT kit, Purchase of Powerpoint for
presentations, & exercise equipment

2/11/04 next meeting

Leland - 12/3 meeting, Continuing Challenge 5 sponsored
to attend, we benefit to see all available equipment
in our area. possible purchase of same equipment.

HAZMAT EXPLOR - DOT requirement for security plan
in transporting of Hazard materials at TPO. To get

DOT money, LEPC must be all hazards planning

- Leg. by Sen McCain to increase for HMAEP grants

- Pilot training project - HFD will participate

- NRP - all hazards plan. prevention & awareness exercises

NIMS

- FEMA is part of DHS.

- CRESNE update - new bus Tom Shafer (sp)

updating resources guide

- HMAEP projects.

- GasCo project on propane storage

effective date
HMA 232
9/30/03

HSEAC mtg
4/03

⑤

Retention of fire HAZMAT Personnel
Smith Hawaii will host 2005 ^{training class} ~~fire class~~ regarding retention
of HAZMAT Personnel on retirement is in back burner.
many incentives, promotion issue many.
Gov. HFFA should be involved in retention.
need some data on losses - # personnel, ^{lost} training cost
dollar amt.

Homeland Security - later

Role in Terrorism for SERC/LEPC -

HAARP Funding is strictly HAZMAT

Chapter 128E default

LEPC has several hats - already covered all

Question is ~~about~~ whether incident is accident or planned.
gaining In response training, must include as many
components (dept, first responders, etc) as possible.

Jim Decker ^{used to} identify other support areas (tertiary)

Clear State ^{has} ~~has~~ training until it is determined to become WMD situation.

Each Dept. Review State ERP & check what is their role.

~~defer~~ defer further discussion

EPA Update - Mike Andrus
(Handouts)

Kay Lawrence

- Provide training resources

WMD, ICS courses

- Let her know of any specific needs

- web page for LEPC

network
agencies
interagency relationships
multi-agency

HSEAC mtg
12/4/03

(3)

Key Lawrence -

- Samie Witul - available for training in CAAED
TIER 2 subunit

Homeland Security ^{Int Director} - Ed ~~Teixeira~~ Teixeira

- Private Business - armed security, cameras
one objective is

- respond & recover from attacks - LEPC roles
should be emphasized on this.

Prevention - 1st task

Main HMEP Planning Grant Project - Scott
(Handout)

~~Update on Chem/Bio Sampling~~

Chem - HMEP Training Classes & Exercises
update of classes.

~~PyOS~~ No money on awareness training
1 technical training
3 refresher training

EPA - refresher & 4th training funds available.

Att update on chemical/Bio sampling Class

HSEAC
12/4/03

④

Oahu HAZEP Planning Grant Project - Lela & Nahani & Paul Dean
(Handout)

Other Business
Done Big Island
(Jury)

8/24/04 @ Kana Waena High School

WMD / HAZMAT exercise

2004 emergency response guide book ~~was~~ are available.

HSEAC.

January 29, 2004

Curtis Martin resigned if Jany can't make it.

adjourned 12:03 pm.

Update on Chemical/Bio Sampling Training for First Responders -
Curtis Martin

- First session held on Oahu 10/21, 22, 23/03

20 attendees per class - personnel from HFD, CST, Federal Fire

- Hazmat Teams 1 & 2 were each provided a container of the sampling kit & have been using it in the field

- Training on Kauai is planned for February 2004

objective:

Provide state-wide training to Fire Hazmat Teams on:

- 1- sampling for biological organisms and chemical substances
- 2- Hazard categorization (conducting simple tests of an unknown to put it into one of nine classes of hazard classification system for transportation purposes)