

**May 2, 2017**

**Regular Meeting**

**Board of Supervisors**

**Item #6 -Department /  
Commission Reports**

**Sandra Pearce, Public  
Health**



# Miles of Smiles

Eastern Sierra Unified School District  
March 27-30, 2017



### Oral health screening results:

- 51 children** I. No obvious decay, however a routine dental check-up every six (6) months is advised.
- 19 children** II. Needs to see a dentist for possible fillings and/or other concerns.
- 6 children** III. Severe dental problems and should see a dentist as soon as possible.
- 0 children** IV. Needs emergency dental treatment and should see a dentist immediately.

**76 children received preventive dental care and a referral to a dentist.**

### Oral health preventive services provided:

- 47 children  
165 sealants** Received sealants on one or more permanent molars.  
Placed on permanent molars.
- 72 children** Received topical fluoride placement on tooth surfaces.
- 79 children** Received one-to-one instruction on oral hygiene & dental goodie bags.
- 282 children** Received oral health education at a school assembly.

Offered through: Eastern Sierra Unified School District  
Services, Support and Training by: UCLA School of Dentistry  
Coordinated by: Mono County Health Department



*Sandra Pearce-PH*

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**Item #8d - Letter from  
Donna Simensen re  
TROD**

Hi Neighbor!

We are Jeff & Donna Simensen. We are writing this letter to let you know that my husband and I are in the process of renting out our "Little Cottage", located at (332 Kingsley) as a short term rental (vacation home). We are very responsible people and we would like to insure you that we will provide a safe and respectful place for all involved that stay at our "Cottage", as well as to insure you, as our neighbor, that your privacy will be respected. We will always communicate with our guests. We want this to be a pleasant experience for all, and most importantly, we do understand how important it is to continue to have a good relationship with all of you. Please show your support, Thank you

Will Feller

Sherry L. Sorenson

Michael G. G.

Ann J. J.

Ben Reynolds

Denise Elliott

Alvin G.

H. Simper

John J.

Kenut Jore

Tina & John Ginger

Elizabeth Petrenak

Benny Knudsen

Jeffrey R. Wase

Ch. Fische Wiese

329 Kingsley St.

184 Twin Lakes Rd.

313 Kingsley St

135 Kingsley St.

5 MEADOWVIEW DR

287 Kingsley St.

425 MAIN ST

773 MAIN ST BRIDGEPORT

753 MAIN ST BRIDGEPORT

8230 HWY 315

245 Kingsley

245 Kingsley

324 Kingsley

twin Lakes Rd

64 Twin Lakes Road

339 Kingsley

339 Kingsley

**May 2, 2017**

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**Item #9b - Elections  
Equipment Workshop**

**Shannon Kendall / Nate  
Greenberg**

# Mono County Elections Equipment Workshop

May 2, 2017

**Nate Greenberg**

Information Technology Director

**Shannon Kendall**

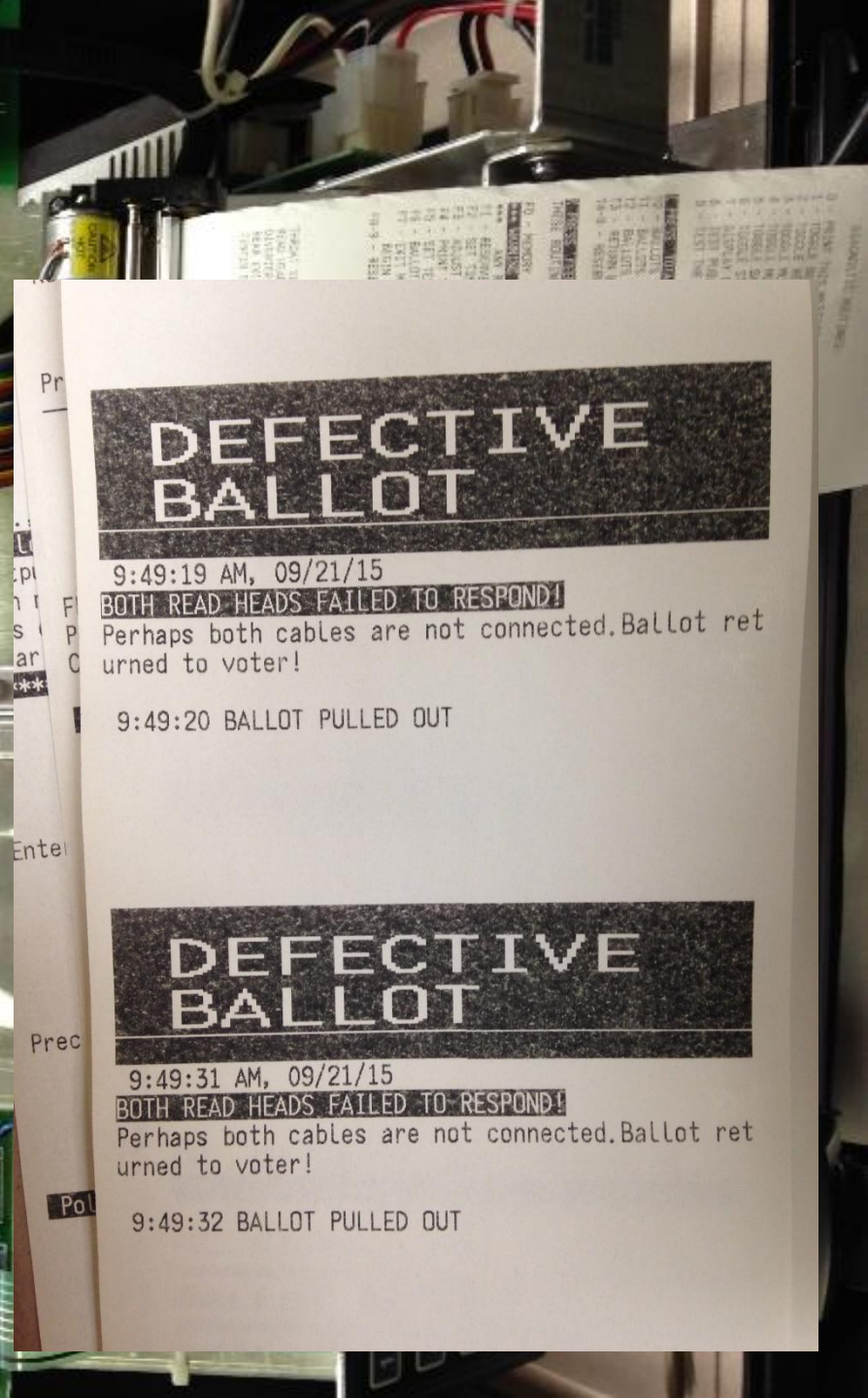
Registrar of Voters – Mono County



# ISSUES

- The existing, outdated election equipment has been in use since 2004, using 1990's technology at best.
- Various equipment failures have been experienced recently, including ballot feeder problems, memory card and reader issues, and the inability to locate and purchase replacement parts.





# DEFECTIVE BALLOT

9:49:19 AM, 09/21/15

**BOTH READ HEADS FAILED TO RESPOND!**

Perhaps both cables are not connected. Ballot returned to voter!

9:49:20 BALLOT PULLED OUT

# DEFECTIVE BALLOT

9:49:31 AM, 09/21/15

**BOTH READ HEADS FAILED TO RESPOND!**

Perhaps both cables are not connected. Ballot returned to voter!

9:49:32 BALLOT PULLED OUT





RECORD SERIAL  
GENERAL STATEMENT of Assets Cash  
DATE 1/10  
BY ALB...  
DATE 1/2002  
BY ALB...  
QUILL  
SERIAL 732030000

BANKERS BOX

# GENERAL TECHNICAL ISSUES

- Machines were throwing errors because scan heads were misaligned, or there were other issues with machines
  - Each Insight has two scan heads (top & bottom)
    - Would take multiple feed attempts in some cases to get a proper read
- Current system for tallying and running reports (WinEDS) is dated
  - Crashes, throws errors, and requires constant troubleshooting
  - Cannot be easily worked with by non-technical staff (requires hands-on IT)
- Do not have any more spare machines
  - Don't have the capacity to add additional polling places or precincts
  - This is problematic if machines break /fail & machines in circulation are seeing a lot of use
  - Newly added precinct gobbled up remainder of physical hardware
  - Were using one Insight machine for multiple Vote by Mail / Absentee precincts to make it go smoother, but not quicker

# PHYSICAL HARDWARE ISSUES

- Edge Machines
  - Were old when we bought them years ago
  - Only have eight (8) certified by the State (no spares)
  - In order to program EDGE Machines
    - Need a PST keyboard (discontinued ??)
  - Wheels are falling off Edge Machines
  - These machines were not built to last
- Insight machines
  - Bottoms are falling off
    - Security & stability of machines (machine is not really sealed)
    - General falling apartness
  - Service needs to be performed & parts replaced by Dominion service techs
    - Scan heads need to be replaced
    - Costly in time and materials

# PHYSICAL HARDWARE ISSUES

- Memory Pack Programmer/Reader
  - Only have one and have been unable to get an additional
  - Have had to do maintenance on it in the past
  - If it fails, we cannot read memory packs and process results electronically
  -
- Air Gap PC
  - Old Operating System (Windows XP)
  - Getting compatible Anti-Virus solution is challenging
  - Difficult & time consuming to refresh the PC each election cycle

# ELECTION TECHNICAL SUPPORT

- IT staff is hands on starting 6 – 8 weeks out
- Requires approx. 300h of one IT staff person to get setup
  - Impacts overall IT operations by reducing staff count
  - No backup for single staff person (Jami Jerrett) & cross training is difficult/takes time
  - High stress situation (timelines, public scrutiny, lack of backup, etc.)
  - Vendor support exists but is tied up with several other jurisdictions
- IT staff responsible for opening, closing polls, and transporting results to Bridgeport on day-of
- IT staff responsible for tallying and reporting and end of day
  - Final canvassing and closing out of election can take weeks



# BENEFITS OF A NEW SYSTEM

- Replaces outdated technology
- Coordinated training on a modern system will get all staff on a level-playing field
  - Minimal staff (only 1 in IT) know the technical aspects of the system and cross-training is difficult
  - Reduce the amount of IT assistance and allow us to provide support for setup/troubleshooting for more complex issues - not every aspect of election
- Timing is important!
  - Currently have a window of time in which we can receive, train on, and get to know new equipment outside of major election cycle

# RESPONSIBILITY

- Elections are a mandated function of the Registrar of Voters.
- Dependable elections equipment is crucial to ensure an election that is efficient, reliable, up-to-date, and upholds public trust in the results.



# DOMINION VOTING

- Dominion Voting is the **ONLY** election equipment vendor to offer new equipment that has been certified by the State of California.
- Mono County has a 30 year working relationship with Dominion Voting.



# THE EQUIPMENT

- Dominion's Imagecast Central and Evolution Elections equipment are our picks for the future of Mono County Elections.



# THE EQUIPMENT (CON'T)

Options are either an outright purchase or an 8-year lease:

Purchase: \$212,850

- Increase in appropriations for purchase of equipment in amount of \$212,850; recommended to be transferred from contingency fund which has a balance of \$362,487.
- Alternatively, the County's Economic Stabilization Fund could be used.

Lease: \$53,505.19 per year for 8 years; total price \$428,041.50

- First payment to be funded out of contingency fund; remaining payments out of Election Budget using current operating revenue.



# California Voter's Choice Act

- SB 450 would authorize Mono County to conduct all-mail elections as of January 1, 2020, with vote center and equipment requirements plus other considerations.
- The new elections equipment will satisfy the State's requirements for this method, should Mono County decide to participate.

# In Closing

- We could still potentially have a local election prior to the June Primary. This is unknown at this time.
- We don't feel comfortable pushing old equipment through another election, big or small.
- If we act now, we have time to get trained on the new machines, have confidence in them and not worry about malfunctions.
- New equipment will also help foster voter trust and confidence at the polls.
- Can't afford any type of issue with any future election, equipment or otherwise.

**QUESTIONS?**

**May 2, 2017**

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**Item #9c - Information  
Technology Security  
Review**

**Nate Greenberg / Kirk  
Hartstrom**

# Mono County Information Security Update

May 2, 2017

**Nate Greenberg**

Information Technology Director

**Kirk Hartstrom**

Communication Manager





## INITIATIVE 3

### INFRASTRUCTURE RESILIENCY AND SECURITY

#### INITIATIVE 3:

## INFRASTRUCTURE RESILIENCY and SECURITY

#### DEFINITION

Our organizations utilize technology every day to perform regular job duties. Our workforce needs assurances that these resources are dependable and secure. Systems need to function without interruption, be present during emergency situations, and capable of handling data in a secure manner.

#### GOAL

Implement technology according to industry standards and in an Enterprise fashion, enabling our workforce to perform their jobs while simultaneously providing safeguards around data integrity and security.

Goal #	Goal	Status
6	Increase physical and digital security for our networks and systems	Ongoing
7	Improve backup and data recovery systems and develop a Disaster Recovery Plan	Complete
14	Provide high quality training for Town and County staff aimed at appropriate use of technology	In Process
20	Increase physical security of sites with proximity locks, cameras, and monitoring systems	Complete + Ongoing

# OTHER SECURITY INITIATIVE ACCOMPLISHMENTS

- Hired a part time security officer
- Instituted a set of security and privacy policies
- Updated and implemented a set of 'customer facing' (ie. staff) policies and standards
- Initiated a new enterprise email hygiene solution
- Filtering known bad internet sites
- Implemented security awareness training & distribution of monthly newsletters
- Performed the National Cyber Security Review (NCSR)
- Participate in a security mentorship program

# ABOUT THE NCSR

- Multi State Information Sharing and Analysis Center (MS-ISAC) developed the *Nationwide Cyber Security Review* (NCSR) in 2013
- Designed to help public agencies self-assess and develop, based on its results, a road map of improvement to increase one's security maturity
- 2014 Obama Administration directive for governments to assess cyber security using the NIST Cybersecurity Framework
- Results presented to Congress each year as a barometer for national cyber resiliency

# NCSR STRUCTURE

- **Identify**- Ability to identify devices, users, systems, process, procedures attached to agency network, used in technology and systems, access to data and information and the proper configuration of such technology that is supported to prevent damage or unauthorized access to agency systems, technology, data, and information.
- **Protect**- Ability to protect technology assets including data and information from any threat to those assets including unauthorized access and prevention of damage to such technology assets, data, and information.
- **Detect**- Ability of agency to detect in real time threats to technology assets and data/information.
- **Recover**- Recover “supports timely recovery to normal operations to reduce the impact from a cybersecurity event.”
- **Respond**- Respond to cyber events appropriately and timely to prevent damage or unauthorized access to agency technology assets including data and information.
- **Recover**- Supports timely recovery to normal operations to reduce the impact from a cybersecurity event.

# NCSR STRUCTURE

	BELOW RECOMMENDED MATURITY LEVEL				RECOMMENDED MATURITY LEVEL		
	1	2	3	4	5	6	7
Score	Not Performed	Informally Performed	Documented Policy	Partially Documented Standards and/or Procedures	Implementation in Process	Tested and Verified	Optimized
Definition	Activities, processes and technologies are not in place to achieve the referenced objective.	Activities and processes may be substantially performed and technologies may be available to achieve this objective, but they are undocumented and/or not formally approved by management.	Organization has taken steps to achieve the associated objective by formalizing it in a policy or business case	Organization has not only taken formal steps to have the objectives documented in policy, but also is in the process of developing documented standards and/or procedures on how to achieve the policy.	Organization has not only taken formal steps to have the objectives documented in policy and standards and/or procedures but also has taken steps to implement them to achieve the objective.  RISK MAY ALSO BE FORMALLY ACCEPTED AT THIS SCORE.	Organization has policy and standards and/or procedures to achieve the objective, and its current implementation is tested and verified against models and real world analysis to establish efficacy and functioning of the controls supporting the objectives.	Organization has policy, standards and/or procedures to achieve the objective, and its current implementation is not only tested and verified but also regularly reviewed, improved and repeated to ensure continued effectiveness of the controls.

# RESULTS

Agency	Identify	Protect	Detect	Recover	Respond
<b>Mono County</b>	<b>4.10</b>	<b>4.03</b>	<b>1.36</b>	<b>2.33</b>	<b>3.02</b>
<b>US Local Agency Average</b>	<b>3.15</b>	<b>3.74</b>	<b>3.1</b>	<b>3.11</b>	<b>3.17</b>
<b>California County Average</b>	<b>2.90</b>	<b>3.54</b>	<b>2.60</b>	<b>3.07</b>	<b>3.42</b>
California - County I	4.81	6.04	3.51	4.56	6.15
California - County B	3.93	5.21	5.26	5.33	5.98
California - County J	3.17	4.83	3.62	5.61	5.44
California - County G	2.21	3.80	2.13	2.67	2.27
California - County F	3.59	3.66	3.22	2.00	3.65
California - County C	2.05	2.18	2.07	2.78	2.80
California - County D	2.01	2.10	2.34	2.56	2.33
California - County E	1.85	1.84	1.11	1.00	1.23
California - County H	1.30	1.68	1.37	1.83	1.31

# WHAT'S NEXT?

- Target lower score areas and known weaknesses
  - Issue of time and money
- FY 2017-2018 Focuses
  - Partnered log and activity monitoring services
  - Dual Factor Authentication
  - Continued end-user training