

SHASTA COUNTY, CALIFORNIA
2022 PRIMARY ELECTION FINDINGS AND OBSERVATIONS
By Jeffrey O'Donnell, CIO, Ordros Analytics
July 10th, 2022

SUMMARY

On June 7th, 2022, the state of California held its primary elections. Examination of several of the published results for races held in Shasta County has revealed potentially serious questions and evidence of anomalies which should be fully investigated before the results are certified.

DATA UTILIZED

The 2022 primary election results were analyzed using the following information:

- a. The Cast Vote Record received from the Shasta County Elections office
- b. Published "Statement of Cast Votes" documents from the Shasta County website.
- c. Results of "Vote Drops" provided by the Elections office on the evening of June 7th.

ONE: USE OF SOFTWARE WITH KNOWN SECURITY VULNERABILITIES

Shasta County uses Dominion Voting Systems Democracy Suite. A forensic report published on March 22, 2022¹, shows that software on the Dominion Election Management Server performed unauthorized reprocessing and recounting of over 25,000 ballots in the November 2020 election and over 8,000 ballots in the April 2021 election in Mesa County, Colorado. Until this serious vulnerability is verifiably removed from Dominion Voting Systems software, Democracy Suite should not be used by any county.

¹ <https://ordros.com/mesacountyreport3.pdf>

ONE: SORTING OF ABSENTEE BALLOTS

Analysis of the Cast Vote Record shows that the mail-in votes were sorted by precinct before they were scanned in, resulting in nearly each batch of ballots contained ballots from just one precinct. Sorting of the mail-in ballots in this way is an exceedingly rare (and in some states unlawful) occurrence, and why the county chose to do so is a question which should be answered.

Specifically, of the 886 mail-in batches (44,175 total ballots) processed, only two batches from tabulator 1013 (72 total ballots) and 182 batches from tabulator 1014 (949 total ballots) show ballots from multiple precincts. The remaining 702 mail-in batches (43,154 total ballots) show only one precinct represented.²

TWO: NUMBER OF ABSENTEE BALLOTS

On June 10th, 2022, County clerk Cathy Darling Allen issued a press release (included at the end of this report) which stated that their office had in its possession 15,969 unprocessed mail-in ballots and stated that more may arrive by June 14th, 2022. The second page listed 28,935 absentee ballots processed.

If all 15,969 unprocessed mail-in ballots were eventually counted, and no more arrived, this would have led to a total of 44,904 total mail-in ballots. The Cast Vote Record has record of only 44,175 mail-in ballots, 729 ballots short. Once again, as additional ballots could have been received by June 14th, this disparity is likely higher.

While it is possible that some of these mail-in ballots were rejected for signature or other issues, this would indicate a rejection rate of over 4.5%.

THREE: DISTRICT ATTORNEY RACE ANOMALIES

Erik Jensen and Stephanie Bridgett were the two candidates in the Shasta County District Attorney primary election. According to both the County's Statement of Votes Cast and the Cast Vote Record, the results were as follows:

² Several batches had all ballots but one being from the same precinct. Because these are likely either voters voting outside of their precinct or sorting errors, these are included in the category of "batches with ballots from all the same precinct".

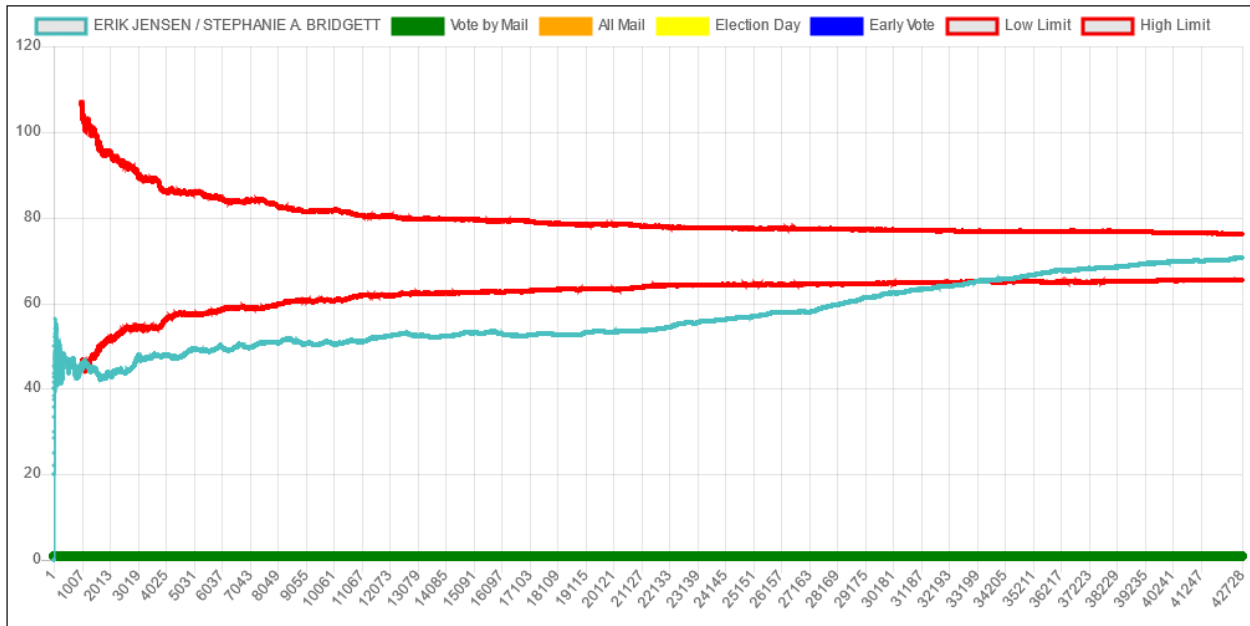
Stephanie A. Bridgett	27,662
Erik Jensen	22,023

Using the Cast Vote Record, the results of this race were charted viewing on the mail-in votes. Mail-in votes have shown a repeatable pattern of random arrival (i.e., the precinct-level makeup of the mail-in ballots on any given day should be roughly equivalent to any other day, meaning that the *results* for any day should also be roughly equivalent.

Shasta County, as stated above, sorted most of their absentee ballots into precinct batches, which will have some effect on the randomness, however the batch sizes were small (an average of 50 ballots per batch) and an analysis of the precinct distribution showed a random pattern. This randomness, due to a corollary of the “Law of Large Numbers” (also known as the “coin flip” law), should cause the results of the mail-in ballots to “stabilize” as more and more votes are counted.

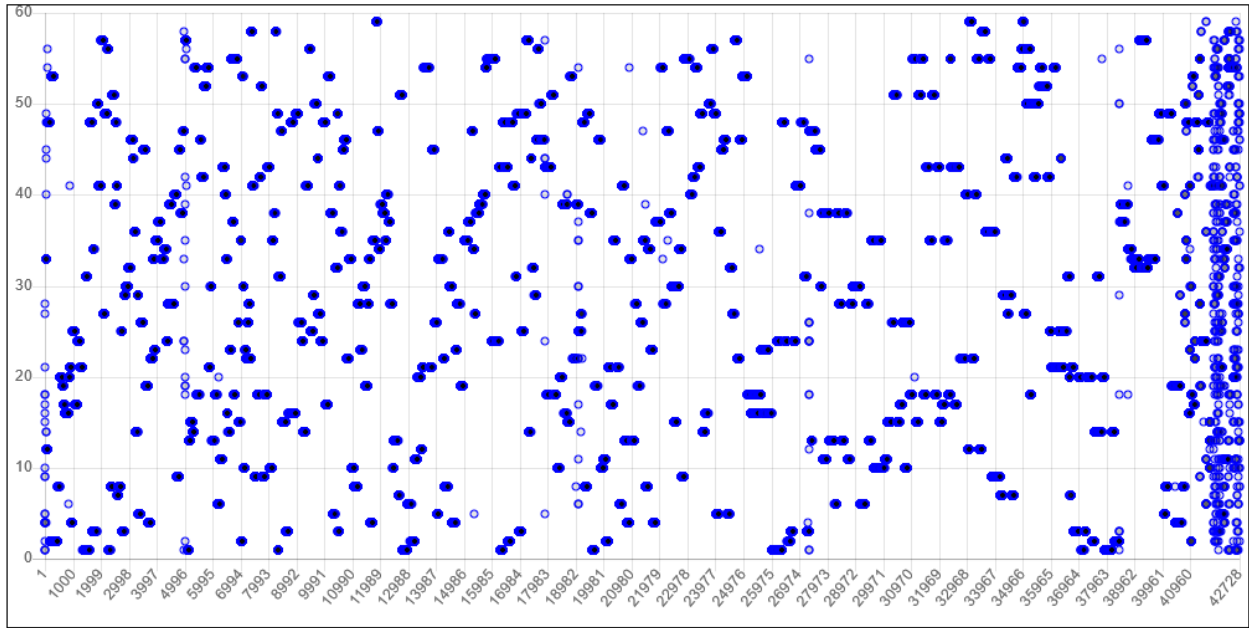
The analysis uses a ratio metric – at any point in the counting the number of votes received by one candidate is divided by the number of votes received by the other candidate, and that is multiplied by 100. For example, a ratio of 100 would indicate that both candidates have the same number of votes. A ratio of 200 or 50 would indicate that one candidate had twice as many votes at that point, and so on.

I have run hundreds of thousands of simulations using the expected mail-in voting patterns and that has provided an upper and lower possible variability of this ratio at any number of votes given the final ratio. The following chart shows the ratio of candidate Jensen’s votes to candidate Bridgett’s votes as the mail-in votes were counted:



The blue line shows the ratio, while red lines define the upper and lower extremes we should expect with mail-in ballots. As the ratio does not even touch the lower red limit until after 33,000 ballots are counted, this shows that candidate Bridgett's votes may have been artificially increased (or candidate Jensen's artificially decreased) before that 33,000-ballot point. This observed pattern is comparable to the one seen in Mesa County in November 2020, where the unauthorized reprocessing occurred.

This chart shows the precincts included in the counting at any point, and it demonstrates the near-random distribution which is assumed by the above method.



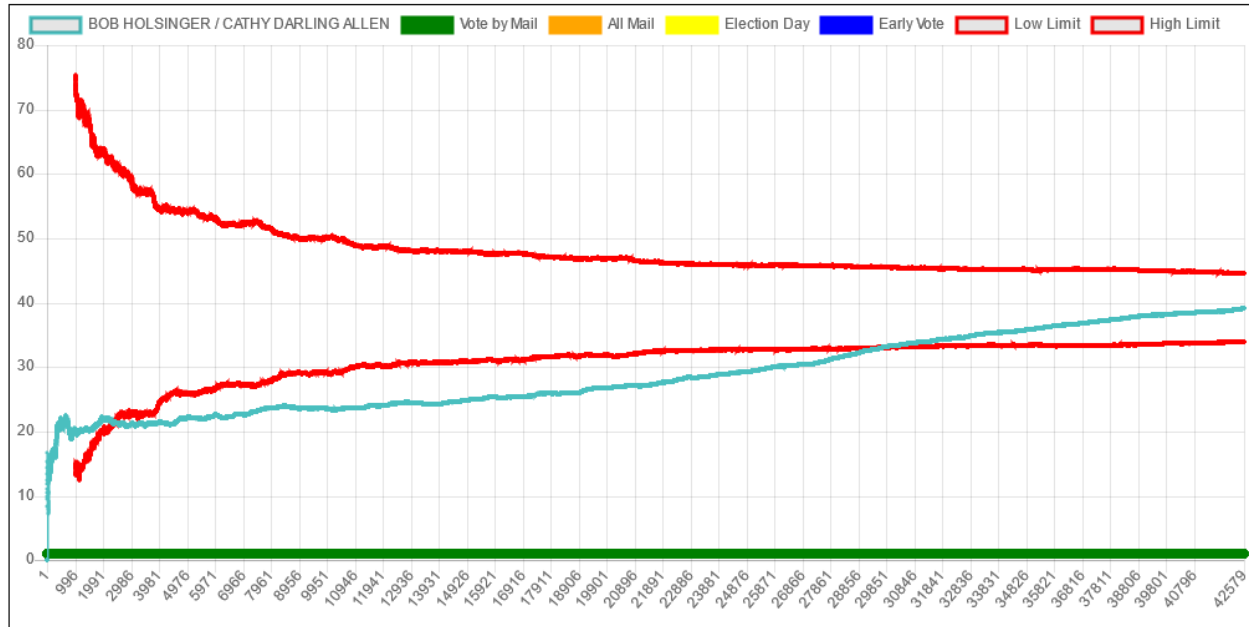
The horizontal axis shows the number of ballots counted, while the vertical axis represents each precinct in the county. The sorting of precincts is evidenced by the discrete patterns – only at the end does a truly “mixed” precinct pattern emerge.

FOUR: COUNTY CLERK RACE ANOMALIES

Bob Holsinger and Cathy Darling Allen were candidates for County Clerk in the 2022 Shasta County primary. The result of that election is reported as follows:

Bob Holsinger	15,657
Cathy Darling Allen	33,828

An analysis of their race also shows that the pattern of mail-in voting did not fall within the expected parameters.



The ratio of Holsinger to Allen votes does not reach the lower extent of the expected value until just before 33,000 votes. Once again, this shows a possible addition of invalid votes or removal of legitimate votes.

SUMMARY

Based upon these findings and observations, it is my expert opinion that there is sufficient evidence to warrant a delay in the certification of the election results until the following steps can be completed:

1. A hand recount of all ballots in the county
2. A canvass of selected precincts
3. A forensic evaluation of the Dominion Election Management Server in order to determine if unauthorized manipulation occurred.
4. An evaluation of the ICE and ICC tabulator "slog"s.
5. An evaluation of the county's Voter Roll/Voter History before and after the primary election.

Jeffrey O'Donnell

REFERENCE ONE: JUNE 10th PRESS RELEASE



SHASTA COUNTY COUNTY CLERK / REGISTRAR OF VOTERS Elections

www.co.shasta.ca.us

NEWS RELEASE

FOR IMMEDIATE RELEASE

Date: June 10, 2022
Contact: Cathy Darling Allen, County Clerk/Registrar of Voters

Cathy Darling Allen, Shasta County Clerk and Registrar of Voters wishes to inform the public and the media about the recent results update.

<https://results.enr.clarityelections.com/CA/Shasta/113948/web.285569/#/summary>

A special thanks to our community members that have reached out to show support of our team and the work we are doing. You are a reminder as to why we love serving our community and it is bringing hope back into our office. We truly appreciate it!

Second Estimated Unprocessed Ballot Report

This report is an estimated count of unprocessed ballots that we have in our office. It is just that, an estimate. We are still processing these ballots, including verifying the signature and the eligibility of the voter. There may be ballots added to this count or removed as necessary, as we receive valid post marked ballots from the post office through June 14, 2022.

VBM	15969
Provisional	202
CVR Provisional	28
Other	99

(Includes unprocessed ballots that are damaged, need to be remade, or require further review)

Total Unprocessed 16298

As a reminder, our next expected results report will be Friday June 10, 2022 at 5:00 pm. We thank you all for your understanding as we process all eligible ballots for this election.

Questions should be directed to elections@co.shasta.ca.us.

Shasta
Shasta 2022 Primary
June 7, 2022
Summary Report #5

	Registered Voters	Turnout	Secretary of State	
			(68 of 68 precincts reported)	
Total Registration and Turnout	112,358	35,718	JAMES "JW" PAINE	3,942 11.58%
All Mail		253	RACHEL HAMM	6,497 19.09%
Early Vote		2,109	MATTHEW D. CINQUANTA	335 0.98%
Election Day		4,421	RAUL RODRIGUEZ JR.	994 2.92%
Vote by Mail		28,935	GARY N. BLENNER	554 1.63%
			ROB BERNOSKY	9,726 28.58%
			SHIRLEY N. WEBER	11,981 35.21%
			Total	34,029
Governor			Controller	
			(68 of 68 precincts reported)	
(68 of 68 precincts reported)			LANHEE CHEN	20,997 62.34%
MICHAEL SHELLENBERGER	884	2.51%	MALIA M. COHEN	3,645 10.82%
FREDERIC C. SCHULTZ	87	0.25%	STEVE GLAZER	2,558 7.59%
WOODROW "WOODY" SANDERS III	55	0.16%	RON GALPERIN	2,312 6.86%
REINETTE SENUM	271	0.77%	YVONNE YIU	3,127 9.28%
LONNIE SORTOR	161	0.46%	LAURA WELLS	1,043 3.10%
ARMANDO "MANDO" PEREZ-SERRATO	122	0.35%	Total	33,682
JAMES G. HANINK	45	0.13%	Treasurer	
SHAWN COLLINS	688	1.95%	(68 of 68 precincts reported)	
HEATHER COLLINS	153	0.43%	JACK M. GUERRERO	15,422 45.31%
ANTHONY "TONY" FANARA	104	0.29%	MEGHANN ADAMS	787 2.31%
SERGE FIANKAN	26	0.07%	ANDREW DO	6,063 17.81%
LUIS JAVIER RODRIGUEZ	171	0.48%	FIONA MA	11,762 34.56%
LEO S. ZACKY	327	0.93%	Total	34,034
BRADLEY ZINK	26	0.07%	Attorney General	
JENNY RAE LE ROUX	934	2.65%	(68 of 68 precincts reported)	
DAVID LOZANO	105	0.30%	ANNE MARIE SCHUBERT	3,216 9.41%
RONALD A. ANDERSON	178	0.50%	NATHAN HOCHMAN	7,810 22.85%
GAVIN NEWSOM	10,450	29.63%	DAN KAPELOVITZ	524 1.53%
ROBERT C. NEWMAN II	310	0.88%	ROB BONTA	10,394 30.41%
BRIAN DAHLE	17,848	50.61%	ERIC EARLY	12,239 35.80%
JOEL VENTRESCA	233	0.66%	Total	34,183
MAJOR WILLIAMS	568	1.61%	Insurance Commissioner	
RON JONES	105	0.30%	(68 of 68 precincts reported)	
ANTHONY TRIMINO	1,206	3.42%	NATHALIE HRIZI	442 1.31%
DANIEL R. MERCURI	149	0.42%	ROBERT HOWELL	10,906 32.27%
CRISTIAN RAUL MORALES	62	0.18%	GREG CONLON	9,357 27.69%
Total	35,268		VERONIKA FIMBRES	533 1.58%
Lieutenant Governor			RICARDO LARA	7,517 22.24%
			MARC LEVINE	3,178 9.40%
(68 of 68 precincts reported)			VINSON EUGENE ALLEN	857 2.54%
CLINT W. SAUNDERS	3,650	10.62%	JASPER "JAY" JACKSON	386 1.14%
WILLIAM CAVETT "SKEE" SAACKE	588	1.71%	ROBERT J. MOLNAR	621 1.84%
DAVID HILLBERG	405	1.18%	Total	33,797
ANGELA E. UNDERWOOD JACOBS	8,988	26.15%		
DAVID FENNELL	9,260	26.94%		
ELENI KOUNALAKIS	10,392	30.23%		
MOHAMMAD ARIF	289	0.84%		
JEFFREY HIGHBEAR MORGAN	801	2.33%		
Total	34,373			

Data Refreshed: Friday, June 10, 2022 4:25 PM

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Summary Report #5

State Board of Equalization, 1st District

(68 of 68 precincts reported)		
NADER SHAHATIT	3,059	9.08%
TED GAINES	22,993	68.22%
JOSE S. ALTAMIRANO	4,560	13.53%
BRADEN MURPHY	3,092	9.17%
Total	33,704	

United States Senator

(68 of 68 precincts reported)		
CHUCK SMITH	4,681	13.85%
JOHN THOMPSON PARKER	275	0.81%
ALEX PADILLA	10,306	30.50%
ENRIQUE PETRIS	173	0.51%
OBAIDUL HUQ PIJADA	60	0.18%
DOUGLAS HOWARD PIERCE	566	1.67%
MYRON L. HALL	472	1.40%
TIMOTHY J URSICH	222	0.66%
JAMES "HENK" CONN	149	0.44%
DON J. GRUNDMANN	58	0.17%
ELEANOR GARCIA	147	0.43%
ROBERT GEORGE LUCERO, JR	586	1.73%
SARAH SUN LIEW	276	0.82%
DAPHNE BRADFORD	133	0.39%
JAMES P. BRADLEY	2,182	6.46%
AKINYEMI AGBEDE	148	0.44%
JON ELIST	1,071	3.17%
PAMELA ELIZONDO	130	0.38%
DAN O'DOWD	322	0.95%
CORDIE WILLIAMS	3,259	9.64%
DEON D. JENKINS	34	0.10%
CARLOS GUILLERMO TAPIA	123	0.36%
MARK P. MEUSER	8,422	24.92%
Total	33,795	

US Senate - Short

(68 of 68 precincts reported)		
ALEX PADILLA	10,355	30.87%
MYRON L. HALL	1,394	4.16%
TIMOTHY URSICH JR.	898	2.68%
DAPHNE BRADFORD	609	1.82%
JAMES P. BRADLEY	4,657	13.88%
JON ELIST	2,087	6.22%
DAN O'DOWD	671	2.00%
MARK P. MEUSER	12,877	38.38%
Total	33,548	

U.S. Representative, District 1

(68 of 68 precincts reported)		
MAX STEINER	10,972	31.69%
TIM GEIST	2,454	7.09%
DOUG LAMALFA	20,084	58.00%
ROSE PENELOPE YEE	1,118	3.23%
Total	34,628	

State Assembly, 1st District

(68 of 68 precincts reported)		
JOSHUA BROWN	718	2.11%
MEGAN DAHLE	20,329	59.67%
KELLY TANNER	3,764	11.05%
BELLE STARR SANDWITH	9,260	27.18%
Total	34,071	

State Superintendent of Public Instruction

(68 of 68 precincts reported)		
LANCE RAY CHRISTENSEN	5,038	16.42%
JOSEPH GUY CAMPBELL	1,562	5.09%
JIM GIBSON	3,640	11.86%
AINYE E. LONG	3,188	10.39%
MARCO AMARAL	1,727	5.63%
GEORGE YANG	4,109	13.39%
TONY K. THURMOND	11,419	37.22%
Total	30,683	

Superintendent of Schools

(68 of 68 precincts reported)		
BRYAN CAPLES	13,457	40.61%
JUDY FLORES	19,684	59.39%
Total	33,141	

Supervisor, District 1

(11 of 11 precincts reported)		
KEVIN CRYE	2,592	40.97%
ERIN RESNER	3,145	49.71%
KYMBERLY VOLLMERS	590	9.33%
Total	6,327	

Supervisor, District 5

(12 of 12 precincts reported)		
COLT ROBERTS	671	10.56%
FRANK A. LOBUE	289	4.55%
CHRIS KELSTROM	2,242	35.30%
BARON BROWNING	2,892	45.53%
ALEX MADRIGAL	258	4.06%
Total	6,352	

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Assessor-Recorder

(68 of 68 precincts reported)

LESLIE MORGAN	28,961	100.00%
Total	28,961	

Auditor

(68 of 68 precincts reported)

NOLDA SHORT	27,569	100.00%
Total	27,569	

County Clerk

(68 of 68 precincts reported)

BOB HOLSINGER	9,838	29.18%
CATHY DARLING ALLEN	23,868	70.82%
Total	33,704	

District Attorney

(68 of 68 precincts reported)

STEPHANIE A. BRIDGETT	19,701	58.34%
ERIK JENSEN	14,069	41.66%
Total	33,770	

Sheriff-Coroner

(68 of 68 precincts reported)

JOHN S. GREENE	12,063	35.69%
MICHAEL L. JOHNSON	21,737	64.31%
Total	33,800	

Treasurer-Tax Collector-Public Administrator

(68 of 68 precincts reported)

LORI J. SCOTT	29,410	100.00%
Total	29,410	

REFERENCE TWO: ERRORS REPORTED ON CERTIFICATION DOCUMENT

On June 30th, 2022, County Clerk Allen completed certification documents which listed the following errors which noted on election day. The complete certification document can be found at <https://www.elections.co.shasta.ca.us/wp-content/uploads/2022/07/Final-SOV-06072022.pdf> .

Machine Error – During the closing process, the following machines were slow to close and print required reports. When restarted, the machine recovered as expected.

Precinct	Serial Number	Voting Location	Ballots	Cast	Time
0121120	AAFEBHW0771	777 Cypress Ave, Redding, CA 96001		Yes	8:46 pm
0390560	AAFEBEC0130	9387 Deschutes Rd, Palo Cedro, CA 96073		Yes	8:48 pm

Improper Procedure Followed – During the closing process, the following precincts did not follow proper procedures and removed the compact flash card prior to closing the polls on the machine.

Precinct	Serial Number	Voting Location	Ballots	Cast	Time
0390321	AAFE BHG0188	2500 Shasta View Dr, Redding, CA 96002		Yes	8:49pm
0510015	AAFE BEO0016	2769 Balls Ferry Rd, Randerson, CA 96007		Yes	8:48pm

Given the serious documented issues with Dominion scanners, the reason for the required restarts of the machines in the first two precincts listed as well as the report of any negative effects caused by the improper procedures in the last two precincts listed should be investigated.

REFERENCE THREE

The following charts are provided to show the election results for the two races described above and are included for informational purposes.

