TO: The Maricopa County Board of Supervisors and the Maricopa County Recorder

FROM: Elections Department Staff and Recorder's Information Technology Staff
SUBJECT: Technical Response to Chain of Custody and Ballot Organization (Item II) and

Election Management System Databases (Item III)

DATE: May 17, 2021

The purpose of this memo is to document the analysis that the Elections Department and Recorder Office's Information Technology Teams performed in response Senate President Karen Fann's letter dated May 12, 2021 (Senate President Fann's Letter). The focus of the analysis was on Item II (Chain of Custody and Ballot Organization) and Item III (Election Management System Database).

The analysis found that Maricopa County did not spoil any evidence and the issues identified in Senate President Fann's Letter are either incorrect or that there is a reasonable and valid explanation that addresses the issue.

The analysis did not cover Item I (Legislative Subpoenas). The Maricopa County Chairman of the Board of Supervisors (Exhibit A-1) and the Maricopa County Sheriff (Exhibit A-2) have already provided public statements explaining the security concerns related to the County's routers.

As for the Dominion password and security token. The County is not in possession of the requested password and security token. In February, the County hired Election Assistance Commission (EAC) Certified Voting System Testing Laboratories to perform an independent audit of the tabulation equipment. These EAC certified firms made the necessary arrangements with Dominion to obtain the necessary security protocols to perform their audits. The County notified Ken Bennet, the Senate's Liaison on 5/03/2021 that we were not in possession of the password and security token.

The results of the Elections Department and Recorder's IT team's analysis are detailed in the sections below and supported by information included in the attached exhibits (B - D).

#### Item II: Chain of Custody and Ballot Organization

The Elections Department teams reviewed the five areas of concern included in the Chain of Custody and Ballot Organization section of Senate President Fann's Letter.

## 1. Chain-of-custody documentation for the ballots

On April 29, 2021, a Chain of Custody Document with included signed manifests and delivery load information was delivered to the Senate Liaison, Mr. Ken Bennett. Each manifest and delivery load was signed by the Senate Liaison, Mr. Ken Bennett on the date that the documents, ballots, and equipment were accepted by the Senate. On April 30, 2021 Senate Liaison, Mr. Ken Bennett returned the signed copy of the chain of custody document (Exhibit B).

#### 2. Boxes, Bags, and Ballot Seals (Ballot Organization)

As demanded in item 15 of the Senate's January 13, 2021 subpoena, Maricopa County delivered the original November 2020 General Election early ballots, Election Day ballots, and provisional ballots on 4/22/2021.

15. Access to all original, paper ballots (including but not limited to early ballots, Election Day ballots, and provisional ballots).

Image 1: Item 15 included in the January 13, 2021 Subpoena

The ballots were delivered to the Senate in sealed boxes, not bags as stated by Senate President Fann's letter. To comply with legal requirements (A.R.S 16-608 and Chapter 9 of Elections Procedures Manual<sup>1</sup>) the Elections Department provides poll workers with black canvas bags (see Image 2 below) and tamper evident seals (see Image 3 below) to return Election Day ballots that were voted and tabulated onsite at a voting location. The poll workers, in bi-partisan teams of two or more, delivered the ballots to the Election Department in the bags affixed with a tamper evident seal on election night.



*Image 2*: Black canvas bag used to transport and temporarily store Election Day ballots.

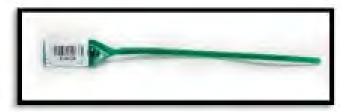


Image 3: Example of temper evident security seal.

In December, after the Statewide Canvass and the subsequent 5-day contest period was concluded, the Elections Department established a team of bi-partisan employees to transfer the contents of the black canvas bags, along with the tamper evident seals that were affixed on the bag to the long-term ballot storage boxes. Multiple voting locations may be included in one long-term storage box. Each location is separated by a piece of hard stock paper.

<sup>&</sup>lt;sup>1</sup> Elections Procedures Manual Chapter 9 – VIII.B. Closing the Voting Location/Election Board Close-Out Duties: 8b – Voted ballots ...sealed in a container with a numbered seal.

#### 3. Ballot Batch Dividers (Ballot organization)

At the central count tabulation center, the Election Department tabulates early ballots and provisional ballots in batches of approximately 200 ballots. After these batches are tabulated, they are immediately placed in a long-term storage box with an Early Voting Report Transmittal form (see Image 4 below) and then sealed. These forms include the transmittal batch number assigned by the early ballot processing board. For ballots tabulated at the central count tabulation center, these forms are placed in-between each batch within the box and serve as an indicator to separate the batches. If Arizona Senate auditors are careful when moving the boxes, these forms will still be located in-between batches and can be used as an aid to identify where each batch ends and the next batch begins.

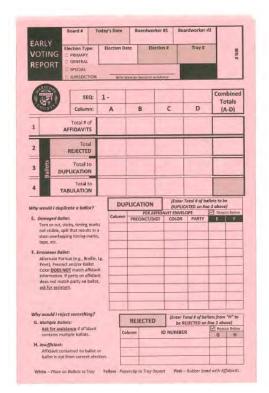


Image 3: Example of Early Voting Transmittal Slips

#### 4. Storage of Ballots (Ballot Organization)

As required by statute, the Elections Department seals each box of ballots for long-term storage. The County takes great care to ensure ballots are stored and transported securely. When ballots are transported, even short distances, tamper evident tape or tamper evident seals are added as a security precaution. Due to the security protocols (e.g., highly restricted badge access and 24-hour camera surveillance) at the central count tabulation center and vault, sturdy clear packaging tape is used. Tamper evident tape is unnecessary because the early ballots never leave the vault until after the statewide canvass and the 5-day contest period has concluded.

Because Election Day ballots are cast in voting locations and transported to the Elections Department, we use tamper evident seals and tape. As described in Item II.2 above, Election Day ballots are temporarily stored in sealed black canvas bags. Transferring the ballots from the canvas bag to a long-term storage box requires transport from a secure storage cage to the central count tabulation center and vault. Even though the ballot storage cage and vault are only a short distance of less than 100 feet, we add this security precaution to ensure that the boxes are not tampered with during transport.

The ballots tabulated at the central count tabulation center are immediately placed in long-term ballot storage boxes and stored in the secure ballot vault. The vault is one of the most secure areas within the Elections Department and has highly restricted access and numerous overhead security cameras. The boxed are sealed with standard clear sturdy packing tape. While in the custody of the Elections Department and with the exception of the batches of ballots used for the Hand Count, these ballots never leave the custody of the central count tabulation center.

The long-term storage boxes that include batches of early ballots selected by the political parties to be included in the hand count are affixed with tamper evident tape. This extra security measure is provided because these batches of ballots are removed from the vault during the hand counted performed by the pollical parties. The Election Day ballots are transferred to the bi-partisan hand count boards in the sealed black canvass bags described in section II.2 above. The hand count boards confirm the tamper evident tape and seals have not been modified prior to beginning the hand count procedures.

To maintain the integrity of the ballots during transport to the Senate, the Elections Department ensured: (1) each vehicle was driven by two team members of different political parties, (2) the storage containers were locked, (3) the storage container and locks had a tamper evident seals affixed, and (4) the delivery trucks were escorted by the Sheriff's Office. Confirmation that the tamper evident seals were intact and unmodified was confirmed by Senate staff prior to accepting custody of the ballots.

5. Duplicated Ballots and Early Voting Transmittal Slips (Ballot Organization)

There are two places where duplicate ballots are recorded. Early Voting Transmittal Slips are used by bi-partisan early processing boards for ballots that are obviously damaged. Hand-written tabulator logs are used during the tabulation process when a ballot won't run through the central count tabulator. To have an accurate count of ballots processed and ballots pulled for duplication, BOTH the slips and the logs must be reviewed.

To ensure an accurate and thorough accounting of ballots as they are transferred from early processing board to the central count tabulation center, the Elections Department uses Early Voting Transmittal Slips. These slips originate as part of a three-part carbon copy form. The remaining slip copies of the form are used for other tracking purposes. The Early Voting Transmittal Slips are completed by bipartisan early ballot processing boards and accompany early ballots batches sent to the central count tabulation center.

The central count tabulation team use the transmittal slips to verify the amount of ballots sent from the early ballot processing boards reconciles with the total ballots received. The forms document several items including (1) the date the batch of ballots was processed by the early processing boards, (2) the

board workers that processed the ballots, (3) the batch number (tray number), and (4) the following ballot subtotals and totals.

- Total number of affidavits
- Total ballots rejected (e.g., ballot not from current election, multiple ballots in one affidavit)
- Total damaged ballots sent to duplication (e.g., torn ballot, coffee spill)
- Total ballots sent to tabulation

When processing early ballots, there are instances where the boards find voted ballots returned from the voter with obvious damage (e.g., coffee stains, tears, tape) or other obvious situations (e.g., red ink) that would prevent the ballot from being read by a tabulator. In these situations, the early ballot processing boards log the number of ballots for that specific batch on the line "Total to Duplication". This results in a decrease in the total amount of ballots that are sent directly to tabulation.

However, there may be instances where an early ballot processing board does not identify a damaged ballot that needs to be duplicated. This could be for a variety of reasons (e.g., the early ballot was printed at early voting center slightly askew or printed off-center, a subtle mark made by the voter in a timing mark). In these instances, those damaged ballots are sent to be duplicated directly from the central count tabulation center. To maintain the integrity and consistency of the data on all three copies of the three-part Early Voting Transmittal Slip, the Elections Department uses a separate set of tabulator logs to track when a damaged ballot is sent to duplication from the central count tabulation center.

After a review of the Early Voting Transmittal Slip and our tabulator logs (Exhibit C), we have confirmed that the Senate's variances for batches 2104, 9276, 9278, 6359 were the result of a damaged ballots being sent to be duplicated because they could not be read by the tabulator.

		Elections Departn	nent
Batch	Early Voting Transmittal Slip Total	Tabulator Log Total (Exhibit C)	Ballots Sent to Duplication from Central Count (Tabulator Log)
2104	200	200	2
9276	200	200	35
9278	200	200	13
1643	200	200	0
6359	197	197	10

However, our tabulator logs show that our central count tabulation center did not send any damaged ballots to duplication for batch 1643. The Early Voting Transmittal Slip and the tabulator logs both show that there

# MARICOPA COUNTY

## Elections Department



were 200 ballots included in the batch. This is also consistent with our practice of not creating early ballot batches of more than 200 ballots.

Note: For the November 2020 General Election, there were fewer than 18,000 damaged ballots (less than one percent of the total ballots. A court concluded (Ward V. Jackson, CV2020-015285) that Maricopa County's duplication process was accurate and determined there was no misconduct, fraud, or no effect on the outcome of the election. The Arizona Supreme Court upheld this ruling.

#### Item 3: Election Management System Databases

Election Officials from the Elections Department, the Recorder's Office IT Team along with assistance from subject matter experts from the Office of Enterprise Technology reviewed the screenshot provided in Senate President Fann's letter and the incorrect assumption that the entirety of the database directory from the D: Drive and the main database for the election had been spoiled or deleted. The analysis below confirmed that the original database folder on the "EMSPrimary" server was not deleted or otherwise tampered with during packaging and delivery to fulfill the Arizona Senate's subpoena.

#### 1. Significance of April 12, 2021 and D: Drive Directory Files

On April 12, 2021, the Recorder Office's IT Team, shut down the server to be packed up and made ready for delivery to the Senate. At no point was any data deleted when shutting down the server and packing up the equipment. The screenshot shows the program used by the Senate was R-Studio Data Recovery Technician. It shows a modified date of 4/12/2021 (see Image 4 and Exhibit D) which corresponds to when the server was shut down. Microsoft SQL (MSSQL) Services will often change the "metadata" (additional data on files such as creation date, access date, modified date, owner, etc) on MSSQL database files based on MSSQL actions that are needed to run the databases. The modified dates on the files are identical for all files included in the screenshots (see Image 4) because that is when the MSSQL services were shut down, causing the server to update the metadata on all the files to the MSSQL services shutdown time.

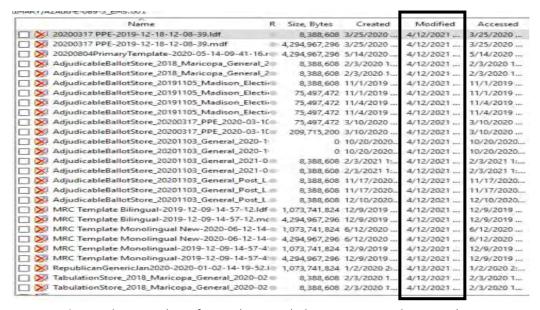


Image 4: Screenshot of R-Studio provided in Senate President Fann's Letter

We tested the functionality of the R-Studio program by creating new databases on a test system. In every instance when the SQL services were started and shut down, the database file metadata was modified to that date and time of the system state change. This testing confirms the April 12, 2021 modification dates correspond to when the "EMSPrimary" server was turned off and services halted.

#### 2. Scan Configuration Files and Databases

It appears the Senate performed the R-Studio scan on the subpoena servers RAID storage array drive, referenced on the "EMSPrimary" server as the D: Drive. RAID storage array configurations maintain data integrity in the event of a hard drive failure and are standard in most enterprise servers. Although the R-Studio Data program has many useful features, it is important for the auditors to configure the scans and parameters properly to create viable results. If scan parameters are misconfigured, file associations may not be followed and may be missed entirely. When creating "forensic clones" of RAID arrays, it is critical to understand the source servers parameters for the RAID array's data to be successfully reproduced.

There are several indicators on the R-Studio screenshot that the auditors did not properly reconstruct the "EMSPrimary" servers RAID array. This could result in the R-Studio Data Recovery Technician program not being able to accurately translate the parameters of server's RAID array partition schema. This is evident in four different ways.

- A. First The Dominion EMS application uses three different database files to function during an election period.
  - o ElectionStore
  - o TabulationStore\_Electionname\_Date
  - o AdjudicableBallotStore Electionname Date

If the entire D: Drive Database directory was deleted, as Senate President Fann's letter stated, there would be additional deleted databases in the R-Studio list from the screenshot provided (see Image 4 above). The ElectionStore database is not present in the alphabetical ordered screenshot. The fact that the ElectionStore database is not included on the screenshot indicates the screenshot is not representing the complete partition schema within the D: Drive database folder on "EMSPrimary".

B. Second - The R-Studio log section of the screenshot (see Image 5) shows signs of significant partition degradation based on improperly configured parameters in the (assumed) reconstruction of the RAID storage array.



Image 5: Screenshot of R-Studio log section provided in Senate President Fann's Letter



C. Third -Additionally, there are two database files named "AdjudicableBallotStore\_20201103\_General\_2020-1" showing 0 bytes in the R-Studio screenshot (see Image 4). This is an indication of a corrupted data retrieval process. Deleted Microsoft SQL database files would have a size associated with them even if the database's contents were deleted. This corrupt file observation is also supported by the same R-Studio log section of Senate President Fann's screenshot by showing the program's inability to properly reconstruct the RAID storage array's partition mapping and subsequent file associations (see image 6)

1 File	5/10/2021	12:52:41 PM	(Fileld: 131074) Closing attribute: parsed allocated size (33554432) differ from stored one (67108864)
5ystem	5/10/2021	12:53:24 PM	File enumeration was completed in 44 sec
File	5/10/2021	12:53:30 PM	[Fileld: 3542548495] Closing attribute: parsed allocated size (4194304) differ from stored one (8388608)
File	5/10/2021	12:53:41 PM	[Fileld: 3542548495] Closing attribute: parsed allocated size (4194304) differ from stored one (8388608)
1) File	5/10/2021	12-53-41 PM	Filedd: 3542220824T Closing attribute: parsed allocated size (2147483648) differ from stored one (4294967296)

Image 6: Screenshot of R-Studio provided in Senate President Fann's Letter

D. Fourth - R-Studio also utilizes the red "X" icon descriptor to indicate three different file states. The red "X" indicates the presence of a deleted file, a corrupted file or a missing (unreachable) file. It is a mistake to assume the red "X" signifies the deletion of a file within a corrupted partition directory.

Additionally, the "EMS Primary" server was originally created on August 6, 2019. The Recorder's IT staff confirmed that backups of the "EMS Primary" server that was delivered to the Senate still show this same creation date. This is evident that the original database folder on the "EMSPrimary" server was not deleted or otherwise tampered with during packaging and delivery to fulfill the Arizona Senate subpoena.

#### 3. Dominion EMS Application Archival Policy and Procedures

In the January 15, 2020 published version of the "Democracy Suite Use Procedures" guide, Dominion outlines the proper utilization of database archival processed to maintain the healthy operation of the Dominion EMS system. Section "12.6.3.3" outlines the archival and restoring process. The Elections Department and Recorder's IT Teams performs actions that are in compliance with guidelines to create archival backups of the full Dominion EMS system databases that would support restoration. Section "12.7" provides guidance on the justifiable moving of election databases to backup storage devices upon setup of a new election. "The purpose of moving election databases and results from RTR [Results Tally & Reporting] is to clear results from a previous election before starting a new election." It is a legitimate practice to move database files within the Dominion EMS application to backup storage devices prior to creating new election configurations to allow efficient operation during each election cycle.

In accordance with the standard database archival processes, the data files (MDF file type) were moved to a backup hard drive in February to ensure the server had sufficient space to perform the statutory mandated March Jurisdictional Election. When this occurred, the SQL Log Files (LDF file type) demanded by the Subpoena were retained on the primary server. These files were not removed and were stored on the server when it was provided to the Senate on 4/21/2021.

#### Exhibit A

Exhibit A-1 – Official statement released on May 7, 2021 from the Maricopa County Chairman of the Board of Supervisors



## Statement from Chairman Jack Sellers on the Threat of New Subpoenas

Today the attorney for the Arizona Senate President once again threatened the Board of Supervisors with subpoenas to compel us to come to the Senate and explain what we have already made clear. The physical routers commanded in the January subpoenas route network traffic across 50 different County departments, not just the Elections Department. Those routers contain some information that is confidential; some is related to classified law enforcement activities; and access to this map of the County network could potentially allow someone to intercept sensitive data entrusted to us.

In addition to these concerns, we have learned providing the physical routers will cripple County operations and cost as much as \$6 million if we must replace the routers while the Cyber Ninjas have them. We explored providing virtual images of the routers, but the security issues mentioned above remain the same.

We have provided eight terabytes of data, ballots and election equipment as commanded by the subpoenas. Our efforts to cooperate while following the law have been rewarded with accusations, untruths, and threats. The Maricopa County Board of Supervisors takes its election oversight role seriously and will continue to defend the democratic process. Please see our attorney's official response to the Senate.

#### Exhibit A (Continued)

Exhibit A-1 – Official statement released on May 7, 2021 from the Maricopa County Sheriff

The Senate Republican Caucus' audit of the Maricopa County votes from last November's election has no stopping point. Now, its most recent demands jeopardize the entire mission of the Maricopa County Sheriff's Office. We are talking about confidential, sensitive and highly-classified law enforcement data and equipment that will be permanently compromised.

The current course is mind-numbingly reckless and irresponsible. I look forward to briefing them on the horrendous consequences of this demand and the breadth of its negative impact on public safety in this County.

The integrity of classified data, private information and law enforcement specific material would immediately be vulnerable and exposed, regardless of the steps promised by a private vendor who states otherwise.

No evidence or information exists to indicate these items of information offer greater value to an ongoing audit process than to the public safety obligations of the Maricopa County Sheriff's Office and our law enforcement community. Access to this information would adversely affect the Maricopa County Sheriff's Office ability to protect critical evidence, data shared between law enforcement agencies, protected private information and individual passwords, all of which could be used to the detriment of citizens and law enforcement infrastructure.

Transparency and accountability should always be the foundation of a democracy. But when these words are misrepresented, it defies the fragile balance that exists between freedom and order and all that we believe in. The people we swore to serve must understand what is at stake when elected officials act in a partisan manner at the sacrifice of others.

I have committed to act with respect for my Oath of Office, the integrity required to be deserving of the Office, in protection of the people I serve and in support of those who sacrifice their lives on behalf of public safety.

It is my hope that additional education of the exposure of this data and equipment will compel the Senate Republican Caucus to take a more responsible course of action.

Respectfully, Sheriff Paul Penzone



#### **Exhibit B**

### Exhibit B - Chain of Custody Document signed by Senate Liaison, Mr. Ken Bennett on 4/30/2021.

#### CHAIN OF CUSTODY DOCUMENTATION

On April 21, 2021 and April 22, 2021, the Maricopa County Elections Department delivered to the custody and control of the Arizona Senate certain materials (the "Delivered Materials") in response to the Arizona Senate's January 12, 2021 subpoenas. The Delivered Materials were fully documented in Manifests and Load Descriptions, which were signed by representatives for the Arizona Senate and Maricopa County upon-delivery to the Arizona Senate. A copy of the signed Manifests and Load Descriptions were provided to both the Arizona Senate and Maricopa County. The signed Manifests and Load Descriptions are attached as Exhibit 1 to this Chain of Custody Documentation and are incorporated herein by reference as the authoritative and operative description of what materials constitute the Delivered Materials that are the subject of this Chain of Custody Documentation.

By his signature below, Scott Jarrett, the Co-Director of the Maricopa County Elections Department, hereby acknowledges that the Delivered Materials were within the custody and control of Maricopa County or its elected officers at all times from the November 3, 2020 general election until the moment in time that they were transferred to the custody and control of the Arizona Senate.

By his signature below, Ken Bennett, the Senate Liaison, hereby acknowledges the receipt of the Delivered Materials from Maricopa County into the custody and control of the Arizona Senate.

THE ARIZONA SENATE

This Chain of Custody Documentation may be signed in counterparts.

Dated this 29 day of April, 2021. Dated this 30th day of April, 2021.

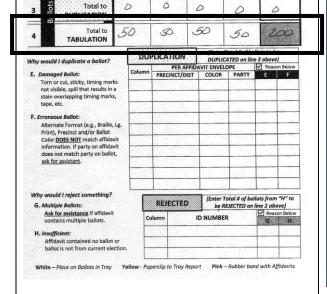
MARICOPA COUNTY

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#### **Exhibit C**

#### Batch 2104 Early Voting Report Total (Left Image) • 200 Ballots Sent to Tabulation Tabulation Logs (Right Image) 200 Ballots Received from EV Processing 2 Ballots Sent to duplication, tabulated in separate batch • 198 Ballots tabulated in batch 2104 Today's Date | Boardworker #1 | Boardworker #2 10-20-20 M. Faccone & Cunning **E**ARLY **Election Type:** VOTING PRIMARY 9 11-3-20 GENERAL REPORT SPECIAL JURISDICTION Combined 101-50 151-20 1-50 51-100 SEQ: Totals C D Column: (A-D) Total # of 50 50 50 50 200 **AFFIDAVITS** 0 0 Q 0 0



REJECTED

NERAL ELECTION OVEMBER 3, 2020	EV BATCH #	EV COUNT	BTC BATCH #	TOTAL BALLOTS	TO DUPE
1377	1539	200	203	7 2000	
	1671	200	204	200	
	1609	199	206	200	
	1611	200	207	1200	
	1706	185	268	1185	
	1596	197	209	5 96	
	1556	200	210	~ 200	
	1620	200	21	1 201	
	179	200	2/2	Zeod	
	1765	200	214	200	
	1511	199	25	199	
	1638	198	2/6	198	
	1673	199	2/7	199	
	1690	199	218	- 199	
	1725	200	219	200	
	1612	199	221	199	
	1701	200	222	200	
	1720	200	223	1 200	
	1736	200	234	v 200	
	1931	199	225	- 199	
	1657	199	226	199	
	17.55	199	227	199	
	1735	700	228	V 200'	
	1795	199	220	1 199	
	1703	200	231	1 200	
	1591	200	272	V 200	
	2104	200	234	1 198	2
	1874	199	236	V 198	
	1883	200	7337	1 200	1
	1446	201	2439	v 200	
	1842	200	2339	V 200	
	759	199	2340	V 199	
	2100	199	2341	V 199	
	1844	200	2542	V 200	
	2)122	260	243	V 200	T
	1964	199	245	199	1
	1865	200	246	200	
	1900	200	247	V 200	
	1784	200	248	N 200	
	1842	200	249	V 200	
	1805	200	250	199	
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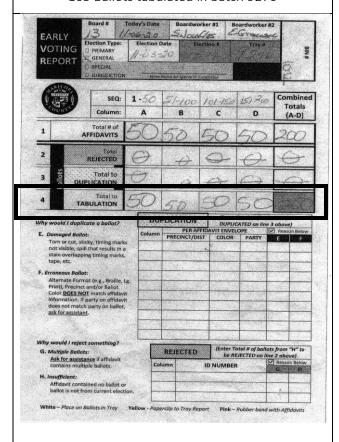
## Batch 9276

## Early Voting Report Total (Left Image)

• 200 Ballots Sent to Tabulation

## Tabulation Logs (Right Image)

- 200 Ballots Received from EV Processing
- 35 Ballots Sent to duplication, tabulated in separate batch
- 165 Ballots tabulated in batch 9276



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GENERAL ELECTION NOVEMBER 3, 2020	EV BATCH #	EV COUNT	BTC BATCH #	TOTAL BALLOTS	TO DUPE	
	8973	196	2/3	196		
	8996	199	214	199		395
	9052	198	215	197		154
	9069	199	216	199		14/
	8972	200	217	200	-	918
	9106	195	218	195		138
BeW	8537	200	20.0	199	1	
0.14	9097	98	221	198	-	150
	9059	198	202	198		179
	9017	200	223	200		OF
	9003	111	224	111		220
	9054	198	225	198		248
	9193	195	225	195		and the
	9845	198	221	198		288
	9000	200	128	200		30
BEW	8555	198	229	160	36	300
BEW	9276	200	231	165	35	170
- 100	9385	1911	250	197		1579
	9273	197	233	197		398
	9241	198	234	198		4/8
BEX	9277	900	235	162	38	434
	9307	190	236	196		454
	9393	200	237	200		474
	9567	199	238	198	0	514
	9429	98	239	198		534
	9338	199	240	190	2	550
	9331	198	242	198	-	570
	वपाप	197	243	19		590
	9575	67	344	67		597
	9572	196	245	Jalo		616
	9343	199	246	197	2	636
	9431	200	247	200		656
	9416	198	248	197		67
	9418	200	249	200		696
811	4304	198	250	196	2	715
BW	9302	200	256	199	1	735
BIN	9315	197	252	196	25	759
BeW	9312	200		198	0	79
Bew		198	254		2	1000
BeW	9378	200	356	198	a	631
ENE W		0 - 0	7		120	25
	9502	199	358	198		150
	944	200	259	197	3	20
	177.0					0.1
1 H2 H3 H4 C1 C2		ALS FOR THIS	PAGE:	8913 LOTS: 908	167	_

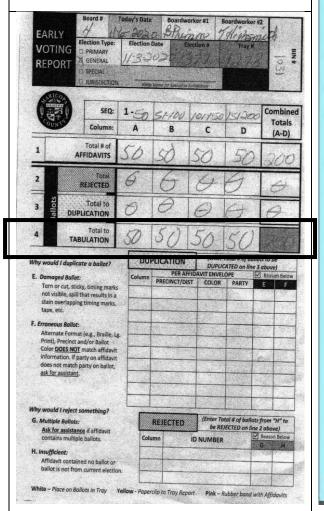
## Batch 9278

## Early Voting Report Total (Left Image)

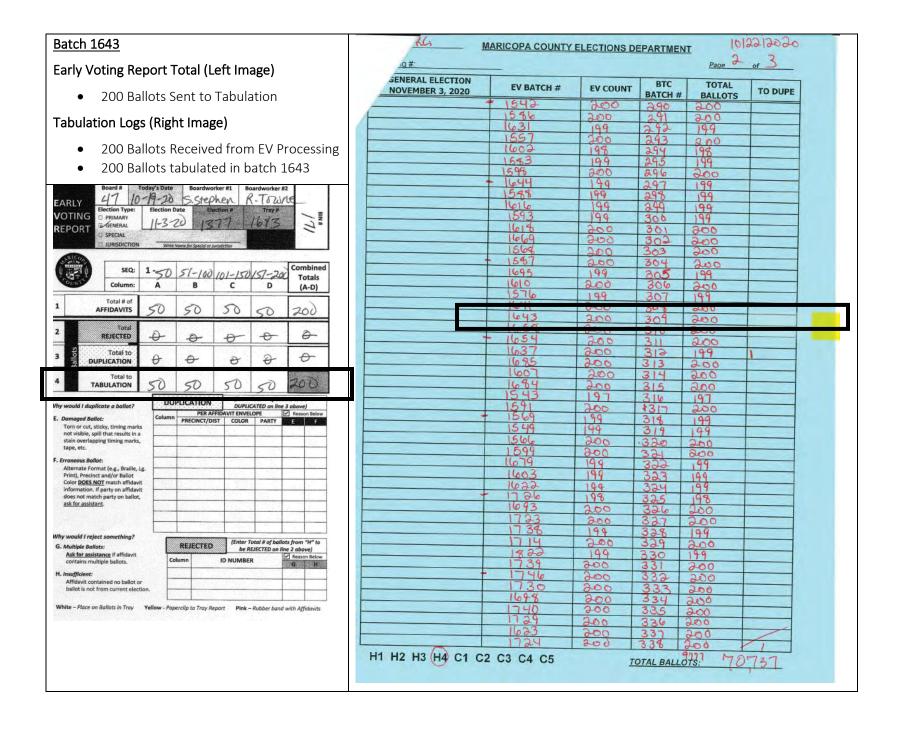
• 200 Ballots Sent to Tabulation

## Tabulation Logs (Right Image)

- 200 Ballots Received from EV Processing
- 13 Ballots Sent to duplication, tabulated in separate batch
- 187 Ballots tabulated in batch 9278



GENERAL ELECTION	EV BATCH #	EV COUNT	BTC	TOTAL	TO DUPE	1
NOVEMBER 3, 2020	100,007,07,007,00		BATCH #	BALLOTS	TO DOTE	
	8973	196	2/3	196		200
	9052	199	214	197	1	第2
	9069	199	216	199	-	791
	8972	200	217	200		991
	9106	195	218	195		9186
	9116	198	219	198	lane.	1384
BEW	8537	200	200	199		1583
	9097	98	221	198		1979
	9059	198	202	198		1979
	9077	200	223	300		9179
	9003		204	Ill		2290
	9054	198	225	198		2488
	9845	195	326	195	-	2683
	2000	200	128	200		3281
Belei	9278	300	230	187	13	34
Paga	9385	100	120	197	72	2727
	9273	197	233	197		3793
	9241	198	234	198		4/87
BEX	9277	200	235	162	38	4349
-	9307	1910	236	196		4545
	4393	200	237	200		4349
	9567	199	238	198	0	LIGHT
	9424	98	239	198		5/4/
	9338	199	240	199		5340
	9221	171	241	169	2	5509
	9321	198	245	198		5707
	वपाप	197	243			5971
	9575	196	245	196	1	6167
	9343	199	246	197	2	6364
	9431	200	247	200		656Y
	9416	(98	248	197	1	6564 6761
	9418	200	249	200		6961
8114	4304	[Gg	250	196	2	7157
2W	9302	200	251	199	1	7356
BIN	9316	97	252	178	25	7528
BeW	9312	198	253	196	7	1/00
Bew	9486	200	254	198	2	7932
BOW	949	200	255	198	12	2310
BeW	93/3		367	200	128	18578
	9302	999	357	198		5711
	9498	200	259	197	.3	8318
	~		7			
		ALS FOR THIS		8913	167	



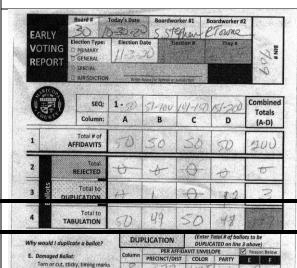
## Batch 6359

## Early Voting Report Total (Left Image)

- 197 Ballots Sent to Tabulation
- 3 Ballots Sent to duplication, tabulated in separate batch

## Tabulation Logs (Right Image)

- 197 Ballots Received from EV Processing
- 10 Ballots Sent to duplication, tabulated in separate batch
- 187 Ballots tabulated in batch 6359



Why would I duplicate a ballot?	DUPLICATION			allots to be ne 3 above)		
	Column		AVIT ENVELO	Reason Belov		
E. Damaged Ballot:	Column	PRECINCT/DIST	COLOR	PARTY	E	F
Torn or cut, sticky, timing marks not visible, spill that results in a	B	372	WHIT		W	
stain overlapping timing marks,	0	358	WHI	10		1
tape, etc.	D	4836	FUR		1	
F. Erroneous Ballat:	65 20 70	Maria de Salaria	Bollotti	2010/03/57	1250553	Contract of
Alternate Format (e.g., Braille, Lg.						SEV.
Print), Precinct and/or Ballot	100000					
Color DOES NOT match affidavit				00000		All of
information. If party on affidavit does not match party on ballot,	1000	V. S. Z. S.		585 S. W.	1000	
ask for assistant.						
	\$165.016			Sales and	100	100
				100000	1874.	5
Why would I reject something?	P				The Villa	
G. Multiple Ballots:		REJECTED		tal # of bal IECTED on		
Ask for assistance if affidavit contains multiple ballots.	Col	umn II	NUMBER		✓ Reas	on Belo
H. Insufficient:				A STANLOWS		9.7.5
Affidavit contained no ballot or					100	
ballot is not from current election.		SECTION SECTION	1000			100
					Sec. Sen	
White - Place on Ballots in Tray Yel	S-102-25-24-15-1	rclip to Tray Report	AND DESCRIPTION	Market St.	Comments.	A

GENERAL ELECTION NOVEMBER 3, 2020	EV BATCH #	EV COUNT	BTC BATCH #	TOTAL BALLOTS	TO DUPE	
	5991	199	224	1919		
	5887 5880	199	225	199		399
	5880	198	226	19.8		59E
	6143	200	227	200		394
	6158	200	22.8	200		119
	600	200	229	200	_	120
	5889	200	230	199		1391
	5926	200	231	200	-	595
	5969	198	232	198		199
	5987	198	234	198		218
	5748	190	235	194	1	727
	5094 5094	194	236	199		237
	5011	199		198		277
	6355	198	237	197	1	296
	6504	199	239	199		277 296 316
	10471	200	240	199	1	336
	6479	200	241	200		354
	6429	199	242	199	10	356
	(0425	198	243	198		246
	6356	155	244	155		396
	6333	पिष्ठ	245	198		431
	6302	199	246	199		1516
	6324	198	247	198		47/4
	6328	200	248	199		491
	01224	197	349	197		Silo
	6332	300	250	200		491 5116 531
	C VI TO	17.0	36	100		200
	6369	197	252	187	10	<u> </u>
	2/15/2	1100	0.00	720		34
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		1				
	A United States			5895	14	

#### Exhibit D

# Exhibit D: R-Studio Screenshot provided in the Senate President Fann's Letter along with Recorder's Office IT Team's Analysis

