

**RCV Detail Report**  
**City and County of San Francisco**  
**November 3, 2020, Consolidated General Election**

**BOARD OF SUPERVISORS DISTRICT 7****Unofficial results**

Number of positions to elect is 1.

Tabulation status: All Positions Filled

Tabulation time: 11/24/2020 2:15:35 PM

<b>Tabulation Options</b>	
RCV method	IRV
Previous rounds evaluation method	None
Elimination type	Single
Votes to include in threshold calculation	Continuing ballots per round
Fixed precision decimals	0
Use previous tie break decision	False
Exclude unresolved write-ins	True
Declare winners by threshold	False
Uses precincts	True
Pause after round	False
Perform elimination transfer in last round	False
Skip overvoted rankings	False
Assign skipped rankings to the set of exhausted ballots	False
Use first round suspension	False
Include disabled candidate rankings in overvote	False

Ties are resolved in accordance with election law.

# San Francisco

## Round 1

Candidate	Votes	Percentage
JOEL ENGARDIO	9,271	23.57%
KEN PIPER	969	2.46%
VILASKA NGUYEN	8,263	21.01%
BEN MATRANGA	3,414	8.68%
STEPHEN W. MARTIN-PINTO	4,598	11.69%
MYRNA MELGAR	7,881	20.04%
EMILY MURASE	4,934	12.55%
<b>Continuing Ballots Total</b>	<b>39,330</b>	
Blanks	3,970	
Exhausted	0	
Overvotes	124	
Remainder Points	0	
<b>Non Transferable Total</b>	<b>4,094</b>	

**KEN PIPER is eliminated because the candidate had the least amount of votes.**

Elimination transfer for candidate KEN PIPER.

969 ballots have been transferred in the following manner:

Transferred from	Transferred to	Ballots	Fraction	Votes
KEN PIPER	JOEL ENGARDIO	151	1	151
KEN PIPER	VILASKA NGUYEN	141	1	141
KEN PIPER	BEN MATRANGA	167	1	167
KEN PIPER	STEPHEN W. MARTIN-PINTO	231	1	231
KEN PIPER	MYRNA MELGAR	114	1	114
KEN PIPER	EMILY MURASE	77	1	77
KEN PIPER	Exhausted	87	1	87
KEN PIPER	Overvotes	1	1	1

**Round 2**

<b>Candidate</b>	<b>Votes</b>	<b>Percentage</b>
JOEL ENGARDIO	9,422	24.01%
KEN PIPER	0	0.00%
VILASKA NGUYEN	8,404	21.42%
<b>BEN MATRANGA</b>	<b>3,581</b>	<b>9.13%</b>
STEPHEN W. MARTIN-PINTO	4,829	12.31%
MYRNA MELGAR	7,995	20.37%
EMILY MURASE	5,011	12.77%
<b>Continuing Ballots Total</b>	<b>39,242</b>	
Blanks	3,970	
Exhausted	87	
Overvotes	125	
Remainder Points	0	
<b>Non Transferable Total</b>	<b>4,182</b>	

**BEN MATRANGA is eliminated because the candidate had the least amount of votes.**

Elimination transfer for candidate BEN MATRANGA.

3581 ballots have been transferred in the following manner:

<b>Transferred from</b>	<b>Transferred to</b>	<b>Ballots</b>	<b>Fraction</b>	<b>Votes</b>
BEN MATRANGA	JOEL ENGARDIO	968	1	968
BEN MATRANGA	VILASKA NGUYEN	336	1	336
BEN MATRANGA	STEPHEN W. MARTIN-PINTO	767	1	767
BEN MATRANGA	MYRNA MELGAR	672	1	672
BEN MATRANGA	EMILY MURASE	489	1	489
BEN MATRANGA	Exhausted	347	1	347
BEN MATRANGA	Overvotes	2	1	2

**Round 3**

<b>Candidate</b>	<b>Votes</b>	<b>Percentage</b>
JOEL ENGARDIO	10,390	26.71%
KEN PIPER	0	0.00%
VILASKA NGUYEN	8,740	22.47%
BEN MATRANGA	0	0.00%
STEPHEN W. MARTIN-PINTO	5,596	14.39%
MYRNA MELGAR	8,667	22.28%
<b>EMILY MURASE</b>	<b>5,500</b>	<b>14.14%</b>
<b>Continuing Ballots Total</b>	<b>38,893</b>	
Blanks	3,970	
Exhausted	434	
Overvotes	127	
Remainder Points	0	
<b>Non Transferable Total</b>	<b>4,531</b>	

**EMILY MURASE is eliminated because the candidate had the least amount of votes.**

Elimination transfer for candidate EMILY MURASE.

5500 ballots have been transferred in the following manner:

<b>Transferred from</b>	<b>Transferred to</b>	<b>Ballots</b>	<b>Fraction</b>	<b>Votes</b>
EMILY MURASE	JOEL ENGARDIO	1170	1	1,170
EMILY MURASE	VILASKA NGUYEN	1070	1	1,070
EMILY MURASE	STEPHEN W. MARTIN-PINTO	550	1	550
EMILY MURASE	MYRNA MELGAR	1961	1	1,961
EMILY MURASE	Exhausted	743	1	743
EMILY MURASE	Overvotes	6	1	6

**Round 4**

Candidate	Votes	Percentage
JOEL ENGARDIO	11,560	30.31%
KEN PIPER	0	0.00%
VILASKA NGUYEN	9,810	25.72%
BEN MATRANGA	0	0.00%
STEPHEN W. MARTIN-PINTO	6,146	16.11%
MYRNA MELGAR	10,628	27.86%
EMILY MURASE	0	0.00%
<b>Continuing Ballots Total</b>	<b>38,144</b>	
Blanks	3,970	
Exhausted	1,177	
Overvotes	133	
Remainder Points	0	
<b>Non Transferable Total</b>	<b>5,280</b>	

**STEPHEN W. MARTIN-PINTO is eliminated because the candidate had the least amount of votes.**

Elimination transfer for candidate STEPHEN W. MARTIN-PINTO.

6146 ballots have been transferred in the following manner:

Transferred from	Transferred to	Ballots	Fraction	Votes
STEPHEN W. MARTIN-PINTO	JOEL ENGARDIO	2558	1	2,558
STEPHEN W. MARTIN-PINTO	VILASKA NGUYEN	1045	1	1,045
STEPHEN W. MARTIN-PINTO	MYRNA MELGAR	1024	1	1,024
STEPHEN W. MARTIN-PINTO	Exhausted	1506	1	1,506
STEPHEN W. MARTIN-PINTO	Overvotes	13	1	13

**Round 5**

Candidate	Votes	Percentage
JOEL ENGARDIO	14,118	38.55%
KEN PIPER	0	0.00%
VILASKA NGUYEN	10,855	29.64%
BEN MATRANGA	0	0.00%
STEPHEN W. MARTIN-PINTO	0	0.00%
MYRNA MELGAR	11,652	31.81%
EMILY MURASE	0	0.00%
<b>Continuing Ballots Total</b>	<b>36,625</b>	
Blanks	3,970	
Exhausted	2,683	
Overvotes	146	
Remainder Points	0	
<b>Non Transferable Total</b>	<b>6,799</b>	

**VILASKA NGUYEN is eliminated because the candidate had the least amount of votes.**

Elimination transfer for candidate VILASKA NGUYEN.

10855 ballots have been transferred in the following manner:

Transferred from	Transferred to	Ballots	Fraction	Votes
VILASKA NGUYEN	JOEL ENGARDIO	2251	1	2,251
VILASKA NGUYEN	MYRNA MELGAR	6909	1	6,909
VILASKA NGUYEN	Exhausted	1682	1	1,682
VILASKA NGUYEN	Overvotes	13	1	13

**Round 6**

<b>Candidate</b>	<b>Votes</b>	<b>Percentage</b>
JOEL ENGARDIO	16,369	46.86%
KEN PIPER	0	0.00%
VILASKA NGUYEN	0	0.00%
BEN MATRANGA	0	0.00%
STEPHEN W. MARTIN-PINTO	0	0.00%
MYRNA MELGAR	18,561	53.14%
EMILY MURASE	0	0.00%
<b>Continuing Ballots Total</b>	<b>34,930</b>	
Blanks	3,970	
Exhausted	4,365	
Overvotes	159	
Remainder Points	0	
<b>Non Transferable Total</b>	<b>8,494</b>	

**JOEL ENGARDIO is eliminated because the candidate was not elected in the last round.**

**MYRNA MELGAR is elected because all other candidates have been eliminated.**