

**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: 11/9/2020 2:22:23 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	9,247	23.61%
KEN PIPER	961	2.45%
VILASKA NGUYEN	8,234	21.03%
BEN MATRANGA	3,395	8.67%
STEPHEN W. MARTIN-PINTO	4,573	11.68%
MYRNA MELGAR	7,850	20.05%
EMILY MURASE	4,898	12.51%
<b>Continuing Ballots Total</b>	<b>39,158</b>	
Blanks	3,882	
Exhausted	0	
Overvotes	128	
Remainder Points	0	
<b>Non Transferable Total</b>	<b>4,010</b>	

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

Elimination transfer for candidate KEN PIPER.

961 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	140	1	140
KEN PIPER	BEN MATRANGA	167	1	167
KEN PIPER	STEPHEN W. MARTIN-PINTO	226	1	226
KEN PIPER	MYRNA MELGAR	113	1	113
KEN PIPER	EMILY MURASE	76	1	76
KEN PIPER	Exhausted	87	1	87
KEN PIPER	Overvotes	1	1	1

**Round 2**

Candidate	Votes	Percentage
JOEL ENGARDIO	9,398	24.05%
KEN PIPER	0	0.00%
VILASKA NGUYEN	8,374	21.43%
<b>BEN MATRANGA</b>	<b>3,562</b>	<b>9.12%</b>
STEPHEN W. MARTIN-PINTO	4,799	12.28%
MYRNA MELGAR	7,963	20.38%
EMILY MURASE	4,974	12.73%
<b>Continuing Ballots Total</b>	<b>39,070</b>	
Blanks	3,882	
Exhausted	87	
Overvotes	129	
Remainder Points	0	
<b>Non Transferable Total</b>	<b>4,098</b>	

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

Elimination transfer for candidate BEN MATRANGA.

3562 ballots have been transferred in the following manner:

Transferred from	Transferred to	Ballots	Fraction	Votes
BEN MATRANGA	JOEL ENGARDIO	965	1	965
BEN MATRANGA	VILASKA NGUYEN	333	1	333
BEN MATRANGA	STEPHEN W. MARTIN-PINTO	761	1	761
BEN MATRANGA	MYRNA MELGAR	668	1	668
BEN MATRANGA	EMILY MURASE	488	1	488
BEN MATRANGA	Exhausted	345	1	345
BEN MATRANGA	Overvotes	2	1	2

**Round 3**

<b>Candidate</b>	<b>Votes</b>	<b>Percentage</b>
JOEL ENGARDIO	10,363	26.76%
KEN PIPER	0	0.00%
VILASKA NGUYEN	8,707	22.49%
BEN MATRANGA	0	0.00%
STEPHEN W. MARTIN-PINTO	5,560	14.36%
MYRNA MELGAR	8,631	22.29%
<b>EMILY MURASE</b>	<b>5,462</b>	<b>14.11%</b>
<b>Continuing Ballots Total</b>	<b>38,723</b>	
Blanks	3,882	
Exhausted	432	
Overvotes	131	
Remainder Points	0	
<b>Non Transferable Total</b>	<b>4,445</b>	

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

Elimination transfer for candidate EMILY MURASE.

5462 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	1165	1	1,165
EMILY MURASE	VILASKA NGUYEN	1062	1	1,062
EMILY MURASE	STEPHEN W. MARTIN-PINTO	541	1	541
EMILY MURASE	MYRNA MELGAR	1947	1	1,947
EMILY MURASE	Exhausted	741	1	741
EMILY MURASE	Overvotes	6	1	6

**Round 4**

Candidate	Votes	Percentage
JOEL ENGARDIO	11,528	30.36%
KEN PIPER	0	0.00%
VILASKA NGUYEN	9,769	25.72%
BEN MATRANGA	0	0.00%
STEPHEN W. MARTIN-PINTO	6,101	16.07%
MYRNA MELGAR	10,578	27.85%
EMILY MURASE	0	0.00%
<b>Continuing Ballots Total</b>	<b>37,976</b>	
Blanks	3,882	
Exhausted	1,173	
Overvotes	137	
Remainder Points	0	
<b>Non Transferable Total</b>	<b>5,192</b>	

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

Elimination transfer for candidate STEPHEN W. MARTIN-PINTO.

6101 ballots have been transferred in the following manner:

Transferred from	Transferred to	Ballots	Fraction	Votes
STEPHEN W. MARTIN-PINTO	JOEL ENGARDIO	2548	1	2,548
STEPHEN W. MARTIN-PINTO	VILASKA NGUYEN	1030	1	1,030
STEPHEN W. MARTIN-PINTO	MYRNA MELGAR	1014	1	1,014
STEPHEN W. MARTIN-PINTO	Exhausted	1496	1	1,496
STEPHEN W. MARTIN-PINTO	Overvotes	13	1	13

**Round 5**

Candidate	Votes	Percentage
JOEL ENGARDIO	14,076	38.60%
KEN PIPER	0	0.00%
VILASKA NGUYEN	10,799	29.61%
BEN MATRANGA	0	0.00%
STEPHEN W. MARTIN-PINTO	0	0.00%
MYRNA MELGAR	11,592	31.79%
EMILY MURASE	0	0.00%
<b>Continuing Ballots Total</b>	<b>36,467</b>	
Blanks	3,882	
Exhausted	2,669	
Overvotes	150	
Remainder Points	0	
<b>Non Transferable Total</b>	<b>6,701</b>	

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

Elimination transfer for candidate VILASKA NGUYEN.

10799 ballots have been transferred in the following manner:

Transferred from	Transferred to	Ballots	Fraction	Votes
VILASKA NGUYEN	JOEL ENGARDIO	2236	1	2,236
VILASKA NGUYEN	MYRNA MELGAR	6872	1	6,872
VILASKA NGUYEN	Exhausted	1677	1	1,677
VILASKA NGUYEN	Overvotes	14	1	14

**Round 6**

<b>Candidate</b>	<b>Votes</b>	<b>Percentage</b>
JOEL ENGARDIO	16,312	46.91%
KEN PIPER	0	0.00%
VILASKA NGUYEN	0	0.00%
BEN MATRANGA	0	0.00%
STEPHEN W. MARTIN-PINTO	0	0.00%
MYRNA MELGAR	18,464	53.09%
EMILY MURASE	0	0.00%
<b>Continuing Ballots Total</b>	<b>34,776</b>	
Blanks	3,882	
Exhausted	4,346	
Overvotes	164	
Remainder Points	0	
<b>Non Transferable Total</b>	<b>8,392</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.**