

**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: 11/3/2020 7:14:29 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	6,904	23.99%
KEN PIPER	694	2.41%
VILASKA NGUYEN	6,153	21.38%
BEN MATRANGA	2,361	8.20%
STEPHEN W. MARTIN-PINTO	2,852	9.91%
MYRNA MELGAR	6,027	20.94%
EMILY MURASE	3,791	13.17%
<b>Continuing Ballots Total</b>	<b>28,782</b>	
Blanks	2,539	
Exhausted	0	
Overvotes	87	
Remainder Points	0	
<b>Non Transferable Total</b>	<b>2,626</b>	

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

Elimination transfer for candidate KEN PIPER.

694 ballots have been transferred in the following manner:

Transferred from	Transferred to	Ballots	Fraction	Votes
KEN PIPER	JOEL ENGARDIO	102	1	102
KEN PIPER	VILASKA NGUYEN	102	1	102
KEN PIPER	BEN MATRANGA	124	1	124
KEN PIPER	STEPHEN W. MARTIN-PINTO	160	1	160
KEN PIPER	MYRNA MELGAR	83	1	83
KEN PIPER	EMILY MURASE	57	1	57
KEN PIPER	Exhausted	65	1	65
KEN PIPER	Overvotes	1	1	1

**Round 2**

Candidate	Votes	Percentage
JOEL ENGARDIO	7,006	24.40%
KEN PIPER	0	0.00%
VILASKA NGUYEN	6,255	21.78%
<b>BEN MATRANGA</b>	<b>2,485</b>	<b>8.65%</b>
STEPHEN W. MARTIN-PINTO	3,012	10.49%
MYRNA MELGAR	6,110	21.28%
EMILY MURASE	3,848	13.40%
<b>Continuing Ballots Total</b>	<b>28,716</b>	
Blanks	2,539	
Exhausted	65	
Overvotes	88	
Remainder Points	0	
<b>Non Transferable Total</b>	<b>2,692</b>	

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

Elimination transfer for candidate BEN MATRANGA.

2485 ballots have been transferred in the following manner:

Transferred from	Transferred to	Ballots	Fraction	Votes
BEN MATRANGA	JOEL ENGARDIO	686	1	686
BEN MATRANGA	VILASKA NGUYEN	240	1	240
BEN MATRANGA	STEPHEN W. MARTIN-PINTO	482	1	482
BEN MATRANGA	MYRNA MELGAR	477	1	477
BEN MATRANGA	EMILY MURASE	358	1	358
BEN MATRANGA	Exhausted	240	1	240
BEN MATRANGA	Overvotes	2	1	2

**Round 3**

Candidate	Votes	Percentage
JOEL ENGARDIO	7,692	27.01%
KEN PIPER	0	0.00%
VILASKA NGUYEN	6,495	22.81%
BEN MATRANGA	0	0.00%
<b>STEPHEN W. MARTIN-PINTO</b>	<b>3,494</b>	<b>12.27%</b>
MYRNA MELGAR	6,587	23.13%
EMILY MURASE	4,206	14.77%
<b>Continuing Ballots Total</b>	<b>28,474</b>	
Blanks	2,539	
Exhausted	305	
Overvotes	90	
Remainder Points	0	
<b>Non Transferable Total</b>	<b>2,934</b>	

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

Elimination transfer for candidate STEPHEN W. MARTIN-PINTO.

3494 ballots have been transferred in the following manner:

Transferred from	Transferred to	Ballots	Fraction	Votes
STEPHEN W. MARTIN-PINTO	JOEL ENGARDIO	1306	1	1,306
STEPHEN W. MARTIN-PINTO	VILASKA NGUYEN	481	1	481
STEPHEN W. MARTIN-PINTO	MYRNA MELGAR	448	1	448
STEPHEN W. MARTIN-PINTO	EMILY MURASE	455	1	455
STEPHEN W. MARTIN-PINTO	Exhausted	797	1	797
STEPHEN W. MARTIN-PINTO	Overvotes	7	1	7

**Round 4**

Candidate	Votes	Percentage
JOEL ENGARDIO	8,998	32.52%
KEN PIPER	0	0.00%
VILASKA NGUYEN	6,976	25.21%
BEN MATRANGA	0	0.00%
STEPHEN W. MARTIN-PINTO	0	0.00%
MYRNA MELGAR	7,035	25.42%
<b>EMILY MURASE</b>	<b>4,661</b>	<b>16.84%</b>
<b>Continuing Ballots Total</b>	<b>27,670</b>	
Blanks	2,539	
Exhausted	1,102	
Overvotes	97	
Remainder Points	0	
<b>Non Transferable Total</b>	<b>3,738</b>	

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

Elimination transfer for candidate EMILY MURASE.

4661 ballots have been transferred in the following manner:

Transferred from	Transferred to	Ballots	Fraction	Votes
EMILY MURASE	JOEL ENGARDIO	1082	1	1,082
EMILY MURASE	VILASKA NGUYEN	1041	1	1,041
EMILY MURASE	MYRNA MELGAR	1801	1	1,801
EMILY MURASE	Exhausted	731	1	731
EMILY MURASE	Overvotes	6	1	6

**Round 5**

Candidate	Votes	Percentage
JOEL ENGARDIO	10,080	37.43%
KEN PIPER	0	0.00%
<b>VILASKA NGUYEN</b>	<b>8,017</b>	<b>29.77%</b>
BEN MATRANGA	0	0.00%
STEPHEN W. MARTIN-PINTO	0	0.00%
MYRNA MELGAR	8,836	32.81%
EMILY MURASE	0	0.00%
<b>Continuing Ballots Total</b>	<b>26,933</b>	
Blanks	2,539	
Exhausted	1,833	
Overvotes	103	
Remainder Points	0	
<b>Non Transferable Total</b>	<b>4,475</b>	

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

Elimination transfer for candidate VILASKA NGUYEN.

8017 ballots have been transferred in the following manner:

Transferred from	Transferred to	Ballots	Fraction	Votes
VILASKA NGUYEN	JOEL ENGARDIO	1679	1	1,679
VILASKA NGUYEN	MYRNA MELGAR	5104	1	5,104
VILASKA NGUYEN	Exhausted	1225	1	1,225
VILASKA NGUYEN	Overvotes	9	1	9

**Round 6**

<b>Candidate</b>	<b>Votes</b>	<b>Percentage</b>
JOEL ENGARDIO	11,759	45.76%
KEN PIPER	0	0.00%
VILASKA NGUYEN	0	0.00%
BEN MATRANGA	0	0.00%
STEPHEN W. MARTIN-PINTO	0	0.00%
MYRNA MELGAR	13,940	54.24%
EMILY MURASE	0	0.00%
<b>Continuing Ballots Total</b>	<b>25,699</b>	
Blanks	2,539	
Exhausted	3,058	
Overvotes	112	
Remainder Points	0	
<b>Non Transferable Total</b>	<b>5,709</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.**