



**SURVEILLANCE ADVISORY BOARD
REGULAR MEETING AT 6:00 PM**

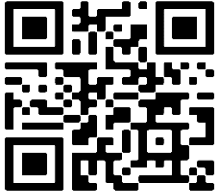

MARCH 27, 2025

BOARD MEMBERS

Simon Lee (Vice-Chair) (District 4)
 Steven Pasholk (District 1)
 Anthony Stewart (District 2)
 VACANT (District 3)
 Mike Moreno (District 5)
 Brooke Reddell (District 6)
 VACANT (At-Large)

HYBRID MEETING
www.Cityofvallejo.net

**Vallejo Room (Lower JFK Library)
 505 Santa Clara Street
 Vallejo, CA 94590**

<p>NOTICE: Members of the Public will be able to participate in-person or remotely via Zoom</p>	<p>The Vallejo Room will be open to members of the public 30 minutes prior to the start of the meeting.</p>
<p>PUBLIC COMMENT: Members of the Public may provide public comments during the City Council Meeting in person or via ZOOM https://ZoomVallejoRoom.Cityofvallejo.net, or via phone, by dialing (669) 900-6833.</p>	<p>For additional instructions on how to speak remotely during public comment, please visit, www.cityofvallejo.net/publiccomment</p>
<p>VIEW THE MEETING: There are four different ways you can view this public meeting:</p> <ul style="list-style-type: none"> • In Person • Stream from the City website: www.cityofvallejo.net/Streaming • Join the Zoom webinar: https://zoomvallejoroom.cityofvallejo.net/ 	<p>Scan QR code for live captions and translation in Spanish and Tagalog.</p> 
<p>Hybrid Options are available for members of the public to participate. To participate remotely</p>	
<p><u>Option to Join by Computer</u> From your browser go to https://ZoomVallejoRoom.CityofVallejo.net to launch and join the zoom application. Meeting ID: 851 502 7190# Meeting Password: 131313</p>	<p><u>Option to Join by Phone</u> Dial (669) 900-6833 Enter Meeting ID: 851 502 7190# Meeting Password: 131313 Press *9 to digitally raise your hand from the phone. Press *6 to unmute/mute</p>
<p>Any supplemental writing related to an agenda item for an open session of a regular meeting that is distributed to all or a majority of all members of the Board less than 72 hours before the meeting will be posted concurrently on the City’s website at www.cityofvallejo.net/agendas Written material distributed during the meeting, will be available at the meeting if prepared by the City or after the meeting if prepared by someone else. Such materials may be obtained from the Board Secretary</p>	
	<p>Vallejo Room is ADA compliant. Devices for the hearing impaired are available from the Staff Secretary. Requests for disability related modifications or accommodations, aids or services may be made by a person with a disability to the Staff Secretary’s office no less than 72 hours prior to the meeting by contacting via email Naveed.Ashraf@cityofvallejo.net or via phone at (707) 648-5200 as required by Section 202 of the Americans with Disabilities Act of 1990 and the federal rules and regulations adopted in implementation thereof</p>

AGENDA

1. **CALL TO ORDER**
2. **PLEDGE OF ALLEGIANCE**
3. **ROLL CALL**
4. **COMMUNITY FORUM**
5. **CONSENT CALENDAR AND APPROVAL OF AGENDA**
 - A **APPROVE MEETING MINUTES FROM JANUARY 16, 2025 REGULAR BOARD MEETING.**

Recommendation: By Motion approve the meeting minutes from January 16, 2025 REGULAR Board Meeting.
Contact: Naveed Ashraf, Chief Innovation Officer & IT Director (707) 648-5200
Naveed.Ashraf@cityofvallejo.net
6. **REPORT OF THE SECRETARY**
7. **CITY ATTORNEY'S REPORT**
8. **REPORT OF THE CITY COUNCIL LIAISON**
9. **REPORT OF THE PRESIDING OFFICER AND MEMBERS OF THE BOARD**
10. **ACTION CALENDAR**
 - A **ADOPTION OF A RESOLUTION RECOMMENDING AGAINST DEPLOYMENT OF AUTOMATED RED LIGHT CAMERA TECHNOLOGY BY THE VALLEJO POLICE DEPARTMENT WITH THE BOARD TO DISCUSS AND MAKE ANY CHANGES TO THE RESOLUTION DURING THE MEETING.**

Recommendation: A Resolution of the Surveillance Advisory Board recommending against the acquisition and use of Automated Red Light Enforcement System (ARLES).
Contact: Naveed Ashraf, Chief Innovation Officer & IT Director (707) 648-5200
Naveed.Ashraf@cityofvallejo.net
11. **INFORMATION CALENDAR**
 - A **TECHNOLOGY USAGE REPORTS: DRONES, CELL SITE SIMULATOR, RAVEN GUNSHOT DETECTION BETA PROJECT, AND FLOCK ALPR CAMERAS**

Recommendation: Present usage reports to the Surveillance Advisory Board on the monthly basis.
Contact: Jeff Tai, Police Lieutenant (707) 648-4011
Jeff.Tai@cityofvallejo.net

B FLOCK RAVEN GUNSHOT DETECTION BETA PROJECT AD-HOC COMMITTEE REPORT

Recommendation: Surveillance Advisory Board Ad-hoc committee to present their progress.

Contact: Jerome Bautista, Captain Police (707) 648-5200

Jerome.Bautista@cityofvallejo.net

12. FUTURE AGENDA ITEMS

13. ADJOURNMENT

ADDITIONAL CITY INFORMATION

Members of the public can:

- Like us on Facebook and Instagram ([@cityofvallejo](#))
- Sign up to receive City Communications via e-mail (www.cityofvallejo.net/subscribe)
- Sign up for emergency alerts at: alertsolan.com

I, Naveed Ashraf, Board Secretary do hereby certify that I have caused a true copy of the above notice and agenda to be delivered to

Simon Lee (Vice-Chair) (District 4)
Steven Pasholk (District 1)
Anthony Stewart (District 2)
VACANT (District 3)
Mike Moreno (District 5)
Brooke Reddell (District 6)
VACANT (At-Large),

at the time and in the manner prescribed by law and that this agenda was posted at City Hall, 555 Santa Clara Street, CA at 5:00 P.M., March 21, 2025.

Dated: March 21, 2025



Naveed Ashraf, Board Secretary

DRAFT

SURVEILLANCE ADVISORY BOARD REGULAR MEETING MINUTES

January 16, 2025
Vallejo Room
Lower JFK Library
505 Santa Clara Street
Vallejo, CA 94590

1. **CALL TO ORDER** *Meeting called to order 6:00 p.m.*

2. **PLEDGE OF ALLEGIANCE**

3. **ROLL CALL**

Present: *Vice Chair Lee, Board members Stewart, Reddell, Pasholk, and Moreno*

Absent: *None*

Staff present: *Secretary Ashraf*

4. **FIRST COMMUNITY** *Ronald Tesnow, a member of the community, made public comments regarding various concern he had for drones flying in Vallejo.*

5. **CONSENT CALENDAR AND APPROVAL OF AGENDA**

Approve meeting minutes of December 2, 2024

Moved: Stewart

Second: Lee

Vote: Ayes Lee, Reddell, Moreno, and Stewart

Abstain: Pasholk

6. **REPORT OF THE SECRETARY**

Board Secretary Ashraf reported the following items:

- 1) The New City Council seated on January 7, 2025.*
- 2) The new City Council Liaison roster shared with the board.*
- 3) Introducing the new City Council Liaison Peter Bregenzer.*
- 4) New Police Chief's appointment and new Interim Fire Chief.*
- 5) New ACM interviews.*

7. **CITY ATTORNEY'S REPORT**

Chief Assistant City Attorney Risner introduced Angad Gangapuram as his backup for the board going forward.

8. CITY COUNCIL LIAISON REPORT

No comments from Council Liaison, but Mayor Sorce made some concluding comments on the Board's commitment and talked about filling the vacant positions on board.

9. REPORT OF BOARD MEMBERS

None

10. ACTION CALENDAR (NONE)

No Action items for this agenda.

11. INFORMATION CALENDAR

Captain Bautista and Lt. Tai went through the technology reports. Lt Tai addressed the questions about facial recognition raised by the community forum public comments. The drones used by the city have no facial recognition capabilities. The Board asked a few additional questions on the technology reports.

The Board also asked when the raven draft policy will be brought to the board to discuss. The Raven ad-hoc committee gave their comments back in November 2024. Captain Bautista and Lt. Tai stated that they have not had a chance to review the draft comments with PD leadership. They are hoping that in the next two weeks this can be accomplished, and we can possibly bring the policy to the Board for their February meeting.

12. FUTURE AGENDA ITEMS

Next board meeting will be a Special meeting. Possible date February 20, 2025.

13. ADJOURNMENT *Meeting adjourned 6:26 p.m.*

SIMON LEE, VICE CHAIR

ATTEST:

NAVEED ASHRAF
CHIEF INNOVATION OFFICER/IT DIRECTOR



DATE: March 27, 2025
TO: Surveillance Advisory Board Chair and Members of the Board
FROM: Naveed Ashraf, Chief Innovation Officer & IT Director
SUBJECT: **ADOPTION OF A RESOLUTION RECOMMENDING AGAINST DEPLOYMENT OF AUTOMATED RED LIGHT CAMERA TECHNOLOGY BY THE VALLEJO POLICE DEPARTMENT WITH THE BOARD TO DISCUSS AND MAKE ANY CHANGES TO THE RESOLUTION DURING THE MEETING.**

RECOMMENDATION

A Resolution of the Surveillance Advisory Board recommending against the acquisition and use of Automated Red Light Enforcement System (ARLES).

BACKGROUND AND DISCUSSION

On October 10, 2024, Captain Bautista from Vallejo Police Department presented a detailed overview of the Red Light Enforcement System, also commonly referred to as ARLES. Captain Bautista's detailed analysis is listed below:

REQUIREMENTS

- Would require additional Police Department Support Staff
- PD is already in a major staffing deficit with a 47% officer vacancy rate, unable to provide basic police services (traffic enforcement, backlog of abandoned vehicles and blight issues, extended or no response to lower priority calls).
- Substantial Fiscal Investment
- Indirect workload on other City Departments and Governmental Agencies: Cal Trans, PublicWorks

IMPACT

- Fiscal impact-Approx. 4.1 million over 5 years
- Decline in injury collisions at those intersections
- Drivers become familiar with these locations and avoid them.
- Locations will need to be rotated to influence driver behavior city-wide and not just that intersection.
- 1.2 million to relocate (Construction, surveying, city permitting, infrastructure adjustments)
- COVID increased mask wearing
- Difficult to identify drivers
- A citation issued to the registered owner of the vehicle may NOT be the person driving
- Causing additional workload for city staff to ID drivers, resulting in infraction cases being dismissed due to lack of evidence
- Increased Workload for City Staff
- Public Works/ Traffic Engineering Department

**Subject: ADOPTION OF A RESOLUTION RECOMMENDING AGAINST DEPLOYMENT OF
AUTOMATED RED LIGHT CAMERA TECHNOLOGY BY THE VALLEJO POLICE
DEPARTMENT WITH THE BOARD TO DISCUSS AND MAKE ANY CHANGES TO THE
RESOLUTION DURING THE MEETING.**

-
- Surveys, construction/ infrastructure assessments, permits, public messaging
 - Solano County Courts
 - Increase in citation intake
 - Significant impact to court calendar
 - Technology or specialized issues in prosecuting these infractions
 - Increased Police Department Staff
 - The Traffic Division has been dissolved to 1 Sergeant in charge of reviewing all traffic collisions, investigating fatal collisions, reviewing all city permits, OTS grant management, tow rotation oversight, special events management, all impound hearings, abandoned vehicle abatement, and traffic enforcement.
 - Minimally, it would require 1 Lieutenant, 1 Sergeant, 2 Officers, 1 Police Assistant, 1 Clerk for a traffic division to properly maintain basic functions in addition to management of the ARLES program.

ARLES PROGRAM IMPLEMENTATION

- Create policy
- Interface with the SAB
- Assignment of day-to-day operations of program
- Provide ongoing training
- Review of daily infraction videos and photos
 - Investigate identifying drivers (masked, not R/O)
- Issue citations
- Prepare video/ photograph redactions.
- Prepare material necessary for prosecutions/ testimony

FISCAL IMPACT

Neighboring Agency (Napa PD)

- Four intersections/ 16 approaches
- 4.1 Million over 5 years
- \$75,000 per month for service fee
- Currently, still not implemented

RECOMMENDATION - POSSIBLY REVISIT IN A FEW YEARS TO EVALUATE STAFFING.

At the December 2, 2024, Board Meeting, the Board requested additional information. The board asked the following questions and some of the answers are provided below:

Question: What technology did VPD look at before bringing the red light item to SAB?

Answer: The information provided to SAB was based on previous research that was done by the City of Napa.

Subject: ADOPTION OF A RESOLUTION RECOMMENDING AGAINST DEPLOYMENT OF AUTOMATED RED LIGHT CAMERA TECHNOLOGY BY THE VALLEJO POLICE DEPARTMENT WITH THE BOARD TO DISCUSS AND MAKE ANY CHANGES TO THE RESOLUTION DURING THE MEETING.

Question: What is the name of the vendor who provided services to Napa?

Answer: Conduent, Scott Stewart, Senior Sales Executive, Public Safety. 550 Pepper Way Redlands CA 92373 Scott.Stewart@conduent.com 909-991-5000

Question: What other vendors are out there who provide the same or better technology compared to Napa?

Answer: Verramobility, Jeff Obechina, Sales Executive. Jeff.Obechina@verramobility.com 720-320-3943.

Question: What other vendors are out there who provide the same or better technology compared to Napa?

Answer: Nova Global, Carlos E. Lofstedt, President. 8018 Support Drive, Suite 203 Orlando, FL 32809. CLofstedt@novaglobal.com

Question: What other vendors are out there who provide the same or better technology compared to Napa?

Answer: Jenoptik, Daisy Arus, Daisy.Arus@jenoptic.com. 6490 Innovation Drive, Jupiter, FL 33478. 561-881-7400.

Question: Provide more information about the individual vendors and their technology?

Answer: All of the companies were roughly the same price. Based on pricing and experience within California, Napa chose to go with Conduent, which is also being used by Beverly Hills. During the installation phase, there were unforeseen obstacles with construction, causing contract adjustments, major additional fiscal impacts and time delays.

ATTACHMENTS

1.	1-SAB Draft Reso ARLES
2.	SAB-ARLES-PRESENTATION-3-27-2025

CONTACT

Naveed Ashraf, Chief Innovation Officer & IT Director (707) 648-5200
Naveed.Ashraf@cityofvallejo.net

RESOLUTION NO. 2025-XXX

**A RESOLUTION OF THE CITY OF VALLEJO SURVEILLANCE ADVISORY BOARD
RECOMMENDING AGAINST THE ACQUISITION AND USE OF AUTOMATED RED
LIGHT ENFORCEMENT SYSTEMS WITHIN THE CITY OF VALLEJO**

WHEREAS, the City of Vallejo Surveillance Advisory Board (the “Board”) has been tasked with reviewing the deployment and use of surveillance technology by City Departments as well as the policies associated therewith, and making recommendations to the requesting Department Head with copies to the City Council, City Manager and City Attorney; and

WHEREAS, the City Council requested that the Board review and consider the deployment of Automated Red Light Enforcement Systems (“ARLES”) within the City of Vallejo; and

WHEREAS, VPD has presented information to the Board concerning the use of ARLES within the City of Vallejo; and

WHEREAS, the use of ARLES would require additional VPD officers to review ARLES data, write citations and appear in court; and

WHEREAS, VPD is currently suffering from a major staffing deficit and does not have the resources to commit to ARLES; and

WHEREAS, VPD estimates that deployment of ARLES within Vallejo would require an investment of \$4.1 million over a period of five years; and

WHEREAS, because drivers become familiar with ARLES intersections and avoid them, ARLES technology will require relocation and redeployment in different areas from time to time at significant cost to the City; and

WHEREAS, ARLES technology is limited in its ability to identify drivers because drivers can wear masks or other clothing to conceal their identities; and

WHEREAS, because of the difficulty in identifying drivers, citations may be issued to persons who were not driving the automobile at the time of the infraction; and

WHEREAS, service fees for ARLES are estimated to be more than \$75,000 per month; and

WHEREAS, in order to properly staff an ARLES program, VPD would have to increase current staffing in the Traffic Division.

NOW, THEREFORE, THE SURVEILLANCE ADVISORY BOARD OF THE CITY OF VALLEJO DOES RESOLVE AS FOLLOWS:

SECTION 1. Based upon the above recitals and the information provided by VPD, the Board finds that the proposed use of ARLES is not beneficial to the City of Vallejo and its citizens at this time and recommends against its purchase and deployment.

Adopted by the City of Vallejo Surveillance Advisory Board at a special meeting held on March 27, 2025 with the following vote:

AYES:

NOES:

ABSENT:

ABSTAIN:

ATTEST:

SIMON LEE, VICE-CHAIR

NAVEED ASHRAF, SECRETARY

Automated Red Light Enforcement System

Captain Jerome Bautista
March 20, 2025



What is ARLES?

Automated Red Light Enforcement System

- Technology that uses cameras installed at intersections to automatically detect and photograph vehicles that enter the intersection after the traffic light turns red, capturing their license plate number and sending a citation to the vehicle's registered owner
- **Purpose:** To supplement traffic enforcement efforts to reduce vehicular collisions and red-light violations at selected intersections by accurately identifying red light violations on a 24-hour basis
- Locations would be based on a traffic study to determine the intersections with a high likelihood of traffic accidents and/or red light violations
- Violations would be captured via snap shot photo of the vehicle in question
- Designated traffic staff would then review and verify violations prior to any citations being issued
- In accordance with 21455.5 through 21455.7 of the California Vehicle Code (Traffic Signs, Signals, and Markings/ Offenses Relating to Traffic Devices)

Cost of ARLES

Information based on neighboring Agency (Napa PD)

- Includes four intersections
- 16 approaches total (4 approaches per intersection)
- Approximately \$4.1 Million/ 5 years contract (\$820,000 per year)
- \$1.2 million to relocate (Construction, surveying, city permitting, infrastructure adjustments)

4 ARLES Companies Compared

❖ **Conduent**, Scott Stewart Senior Sales Executive, Public Safety 550 Pepper Way Redlands, CA 92373 Scott.stewart@conduent.com 909-991-5000

❖ **Verra Mobility**, Jeff Obechina Sales Executive Cell: 720.320.3943 Fax: 480.596.4501 Jeff.obechina@verramobility.com, Arizona based company

❖ **NovaGlobal**, Carlos E. Löfstedt President & CEO NOVOAGLOBAL, Inc. 8018 Sunport Drive, Suite 203 Orlando - FL 32809 Mobile: 305-812-2257 Toll Free: 888-666-4218 Fax: 888-666-4024 E-mail: clofstedt@novoaglobal.com

❖ **Jenoptik**, Daisy Arus daisy.arus@jenoptik-inc.com 16490 Innovation Drive Jupiter, FL 33478 Main Phone: 561-881-7400

Napa PD chose to use Conduent for their ARLES

- ❖ Based on pricing and experience within California, Napa chose to go with Conduent, which is also being used in Beverly Hills.
- ❖ All of the companies were roughly the same price
- ❖ **No other agencies in Solano County currently have ARLES**

ARLES Program Implementation

- Create policy
- Interface with the SAB
- Assignment of day-to-day operations of program
- Provide ongoing training
- Review of daily infraction videos and photos
 - Investigate identifying drivers (Masked driver, Drivers who are not R/O)
- Issue citations
- Prepare video/ photograph redactions

Requirements/ Impact of ARLES

❖ Additional Police Department Support Staff

- VPD currently in major staffing deficit with 40% officer positions vacant/ defunded. VPD is unable to provide basic police services (traffic enforcement, backlog of abandoned vehicles and blight issues, with extended or no response to lower priority calls)

❖ Increased Workload to Police Department Staff

- Traffic Division has been dissolved to 1 Sergeant, 1 Officer, 1 Police Assistant and 1 Police Clerk in charge of reviewing all traffic collisions, investigating fatal collisions, reviewing all city permits, OTS grant management, tow rotation oversight, special events management, all impound hearings, abandoned vehicle abatement, and traffic enforcement
- Minimally, would require 1 Lieutenant, 1 Sergeant, 2 Officers, 1 Police Assistant, 1 Clerk for a traffic division to properly maintain basic functions in addition to management of ARLES program

Additional impact on collaborating departments

Increased Workload to City Staff

- Public Works/ Traffic Engineering Department
 - Surveys, construction/ infrastructure assessments, permits, public messaging
- Solano County Courts
 - Increase of citation intake
 - Significant impact to court calendar
 - Technology or specialized issues in prosecuting these infractions

Challenges of ARLES

Drivers become familiar with these locations and avoid them

- Locations will need to be rotated to influence driver behavior city wide and not just that intersection
 - ❖ 1.2 million to relocate (Construction, surveying, city permitting, infrastructure adjustments)

COVID increased mask wearing

- Difficult to identify drivers
- Citation issued to registered owner of the vehicle, may NOT be the person driving
 - Causing additional workload for city staff to ID driver, resulting in infraction cases being dismissed due to lack of evidence

Challenges continued...

ONGOING ISSUES reported by Napa PD:

- ❖ Substantial Fiscal Investment
 - During installation phase, there were unforeseen obstacles with construction
 - These issues caused contract adjustments, major additional fiscal impacts and time delays
- ❖ New legislation is currently being explored to change it from the driver's responsibility to the registered owner's responsibility, may cause unintended consequences
- ❖ As of 03/10/25, Napa PD has not sent out their first citation
 - ARLES project started over 4 years ago and only one intersection is currently up and running

Current VPD Staffing

78 Total Sworn Officers

- **Includes Chief, Deputy Chief, Lieutenants, Sergeants, and Corporals**

41 Officers Assigned to Patrol

Traffic Division

1 Sergeant, 1 Officer, 1 Police Assistant ,1 Clerk

SUGGESTION:

Revisit ARLES 2026/ 2027

Minimally, would require **1 Lieutenant**, 1 Sergeant, 2 Officers, 1 Police Assistant, 1 Clerk



CONTACT(S)

Capt. Jerome Bautista

Jerome.Bautista@cityofvallejo.net

QUESTIONS?





DATE: March 27, 2025
TO: Surveillance Advisory Board Chair and Members of the Board
FROM: Jeff Tai, Police Lieutenant
SUBJECT: **TECHNOLOGY USAGE REPORTS: DRONES, CELL SITE SIMULATOR, RAVEN GUNSHOT DETECTION BETA PROJECT, AND FLOCK ALPR CAMERAS**

RECOMMENDATION

Present usage reports to the Surveillance Advisory Board on the monthly basis.

BACKGROUND AND DISCUSSION

This is a standing item. The Surveillance Advisory Board has requested that Vallejo Police Department provide detailed reports on the usage of the following technologies in place and routinely utilized by the Vallejo Police Department:

- Unmanned Aerial System Technology (Drones)
- Cell Site Simulator
- Flock ALPR (Automated License Plate Reader)
- RAVEN - Beta Auditory Detection System

ATTACHMENTS

1.	2025 CSS Deployment Log YTD
2.	ALPR 2025 YTD (FEB)
3.	UAS YTD 2025 (FEB)

CONTACT

Jeff Tai, Police Lieutenant (707) 648-4011
Jeff.Tai@cityofvallejo.net



Vallejo Police Department Cell Site Simulator (CSS) Deployment Log Calendar Year 2025

The Vallejo Police Department recognizes the public interest in ensuring that cell site simulator technology is appropriately used and monitored and seeks to be transparent with its usage. Please note that the cell site simulator is merely an investigative tool to find a cell phone. Results from the cell site simulator alone are never used establish probable cause for an arrest or search.

A deployment is defined as any time the cell site simulator is turned on and used to find a target phone. The cell site simulator might be deployed several times to find the same phone even if previously successfully located. Each deployment in the log is not necessarily a separate phone that was searched for. An arrest is not necessarily effected even if a phone is located. There are many factors that determine when and arrest will be effected.

Authorized Purpose Codes:

- (A) Locate missing persons
- (B) Locate at-risk individuals
- (C) Locate victims of mass casualty incidents
- (D) Assist in felony investigations
- (E) Apprehend fugitives

****In the event a search warrant is (N*) NOT obtained due to special circumstances, an explanation will be provided in a separate attachment****

#	DATE	Operator/ Affiant	Case Number	Crime Code	Search Warrant Obtained Y/N and PRIOR or POST Deployment EXIGENT indicates CSS was used during Exigent Circumstance.	Located (Y/N)	Arrest Made (Y/N)	Purpose Code	Agency Assist (Y/N)
	JANUARY								
1	No Use								
2	FEBRUARY								
	No Use								
3	MARCH								
4	No Use								
5									
6									
7									
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ALPR 2025

01/01/25 – 02/28/2025



LAW ENFORCEMENT USE ONLY

License Plate Readers Overview

01/01/25 – 02/28/2025

**Vehicle Recoveries
with use of LPR**

11

Cases Assisted by LPR
(Identifying suspect veh/Location
History, etc.)

64

**Arrests with
the use of LPR**

14

Hot List LPR Reads
(Stolen Veh/Stolen Plate/Bolo/Alerts)

11,176

Offenses of Arrests

Offenses Associated with Arrests	
• Homicide	• Warrant - Felony
• Evading/Wreckless Driving	• Robbery
• Conspiracy	• Firearm Violations
• Possession: Controlled Substance	• Grand / Petty Theft
• Possess Burglary Tools	• Receive Stolen Property
• Hit & Run	• Stolen Vehicle

LPR Hot List Reads

LPR Hot List Reads	Amount
Stolen Plate	9,382
Stolen Vehicle	269
Felony Vehicles	24
Custom Alerts (Ofc Safety/BOLO)	1,501
Total	11,176



DATE: March 27, 2025
TO: Surveillance Advisory Board Chair and Members of the Board
FROM: Jerome Bautista, Captain Police
SUBJECT: **FLOCK RAVEN GUNSHOT DETECTION BETA PROJECT AD-HOC COMMITTEE REPORT**

RECOMMENDATION

Surveillance Advisory Board Ad-hoc committee to present their progress.

BACKGROUND AND DISCUSSION

The Surveillance Advisory Board formed an ad-hoc committee to work directly with the Police Department personnel to develop the policies and review usage limitations and effectiveness of the beta RAVEN auditory detection system by FLOCK. On November 21, 2024, the board selected the following ad-hoc committee members:

1. Simon Lee (Vice Chair)
2. Mike Moreno (Board Member)
3. Stephen Pasholk (Board Member)
4. Jerome Bautista (Police Captain)

ATTACHMENTS

1.	Raven Analytics YTD 2025 (FEB)
2.	Shots Fired Comparison YTD 2025 (FEB)

CONTACT

Jerome Bautista, Captain Police (707) 648-5200
Jerome.Bautista@cityofvallejo.net



Raven Audio Alert Statistics YTD

January - February 2025



Total Alerts

1,270

**Multiple
Gunshot Alerts**

209

**Single Gunshot
Alerts**

73

**Total Gunshot
Alerts**

279

Sideshow Alerts

351

Firework Alerts

637

Beta Test Data

Confirmed Shootings Criteria

- GSW victim located/Identified
- Evidence of shooting (casings/bullets)
- Seen/Heard by witness
- Captured by surveillance

Unconfirmed Shootings Criteria

- Unable to Locate (UTL)
- No evidence of shooting
- Outside Jurisdiction/Referred to Other Agency
- Fireworks

Shots Fired Calls for Service

Shots Fired: 127

Raven Shots Fired Alerts: 210

Shots Fired Calls for Service Jan - Feb 2025

Date & Time	Type	Incident Location	Date & Time	Type	Incident Location
1/1/25 12:04 AM	Shots Fired	100 BLOCK STANMORE CIR	1/1/25 12:23 AM	Raven Shots Fired Alert	100 BLOCK HARVARD AV
1/1/25 12:05 AM	Shots Fired	SUNFISH CT/STARFISH DR	1/1/25 12:23 AM	Raven Shots Fired Alert	100 BLOCK FARRAGUT AV
1/1/25 12:14 AM	Shots Fired	100 BLOCK CAMPBELL AV	1/1/25 12:26 AM	Raven Shots Fired Alert	200 BLOCK LA BREA ST
1/1/25 1:39 AM	Shots Fired	ALABAMA ST/SUTTER ST	1/1/25 12:27 AM	Raven Shots Fired Alert	300 BLOCK WHITNEY AV
1/1/25 3:27 AM	Shots Fired	1300 BLOCK DELWOOD AV	1/1/25 12:36 AM	Raven Shots Fired Alert	500 BLOCK 5TH ST
1/1/25 4:01 AM	Shots Fired	VERVAIS AV/TENNESSEE ST	1/1/25 12:37 AM	Raven Shots Fired Alert	1000 BLOCK ALABAMA ST
1/1/25 6:29 PM	Shots Fired	1800 BLOCK SONOMA BL	1/1/25 1:33 AM	Raven Shots Fired Alert	100 BLOCK LINCOLN RD E
1/2/25 7:21 AM	Shots Fired	300 BLOCK NEVADA ST	1/1/25 1:34 AM	Raven Shots Fired Alert	400 BLOCK EVELYN CR
1/2/25 8:48 PM	Shots Fired	ROTARY WY/CADLONI LN	1/1/25 1:51 AM	Raven Shots Fired Alert	000 BLOCK AMADOR ST
1/3/25 7:21 PM	Shots Fired	100 BLOCK SETTERQUIST DR	1/1/25 2:04 AM	Raven Shots Fired Alert	1800 BLOCK GRIFFIN DR
1/3/25 7:33 PM	Shots Fired	1300 BLOCK N CAMINO ALTO	1/1/25 2:05 AM	Raven Shots Fired Alert	100 BLOCK WALLACE AVE
1/3/25 11:56 PM	Shots Fired	200 BLOCK MARK AV	1/1/25 2:58 AM	Raven Shots Fired Alert	300 BLOCK JORDAN ST
1/4/25 1:23 AM	Shots Fired	700 BLOCK SERENO DR	1/1/25 2:59 AM	Raven Shots Fired Alert	400 BLOCK YUBA ST
1/4/25 1:58 PM	Shots Fired	1300 BLOCK N CAMINO ALTO	1/1/25 3:43 AM	Raven Shots Fired Alert	400 BLOCK WOODROW AV
1/5/25 11:12 AM	Shots Fired	400 BLOCK TENNESSEE ST	1/1/25 3:44 AM	Raven Shots Fired Alert	300 BLOCK JORDAN ST
1/5/25 11:28 PM	Shots Fired	OREGON ST/BROADWAY ST	1/1/25 4:02 AM	Raven Shots Fired Alert	700 BLOCK 6TH ST
1/5/25 11:32 PM	Shots Fired	EL DORADO ST/OHIO ST	1/1/25 4:46 AM	Raven Shots Fired Alert	100 BLOCK RONEY AV
1/6/25 12:49 AM	Shots Fired	300 BLOCK RICHARDSON DR	1/1/25 4:58 AM	Raven Shots Fired Alert	100 BLOCK MILLS LN
1/6/25 10:30 AM	Shots Fired	500 BLOCK SANTA CLARA ST	1/1/25 7:17 PM	Raven Shots Fired Alert	000 BLOCK VALLE VISTA AV
1/6/25 5:05 PM	Shots Fired	900 BLOCK KEATS DR	1/1/25 8:26 PM	Raven Shots Fired Alert	000 BLOCK POSITIVE PL
1/6/25 6:16 PM	Shots Fired	100 BLOCK MULBERRY ST	1/1/25 8:40 PM	Raven Shots Fired Alert	1200 BLOCK LOUISIANA ST
1/7/25 12:16 AM	Shots Fired	200 BLOCK TEXAS ST	1/1/25 8:41 PM	Raven Shots Fired Alert	00 BLOCK SPRUCE ST
1/7/25 12:16 AM	Shots Fired	MONTEREY ST/FLORIDA ST	1/1/25 9:33 PM	Raven Shots Fired Alert	100 BLOCK GENOA CT
1/7/25 10:12 AM	Shots Fired	1500 BLOCK FLORIDA ST	1/2/25 1:07 AM	Raven Shots Fired Alert	700 BLOCK CHESTNUT ST
1/8/25 9:51 PM	Shots Fired	100 BLOCK CAROLINA ST	1/2/25 1:51 AM	Raven Shots Fired Alert	1100 BLOCK LOUISIANA ST
1/9/25 8:04 PM	Shots Fired	400 BLOCK FLEMING AVE E	1/2/25 2:37 AM	Raven Shots Fired Alert	400 BLOCK ARKANSAS ST
1/10/25 12:15 AM	Shots Fired	100 BLOCK CAROLINA ST	1/2/25 3:05 AM	Raven Shots Fired Alert	800 BLOCK MAINE ST
1/12/25 1:58 PM	Shots Fired	600 BLOCK MAGAZINE ST	1/3/25 7:19 PM	Raven Shots Fired Alert	600 BLOCK MARK AV
1/12/25 8:31 PM	Shots Fired	MARK AV/SAWYER ST	1/3/25 8:16 PM	Raven Shots Fired Alert	700 BLOCK GRANT ST
1/13/25 5:15 PM	Shots Fired	2800 BLOCK REDWOOD PKY	1/3/25 9:27 PM	Raven Shots Fired Alert	400 BLOCK ALABAMA ST
1/14/25 12:31 PM	Shots Fired	1300 BLOCK N CAMINO ALTO	1/3/25 11:02 PM	Raven Shots Fired Alert	100 BLOCK RADCLIFFE DR
1/14/25 9:00 PM	Shots Fired	GATEWAY DR/BORGES LN	1/4/25 4:23 AM	Raven Shots Fired Alert	600 BLOCK LOUISIANA ST
1/15/25 12:21 AM	Shots Fired	200 BLOCK HOLLY ST	1/4/25 10:37 PM	Raven Shots Fired Alert	100 BLOCK AMELIA ST
1/15/25 10:21 PM	Shots Fired	LOUISIANA ST/SONOMA BL	1/5/25 2:27 AM	Raven Shots Fired Alert	400 BLOCK CORCORAN AVE
1/16/25 9:49 AM	Shots Fired	800 BLOCK GATEWAY DR	1/5/25 6:54 PM	Raven Shots Fired Alert	900 BLOCK CAPITOL ST

1/16/25 9:56 AM	Shots Fired	SONOMA BL/TENNESSEE ST	1/6/25 2:25 AM	Raven Shots Fired Alert	2000 BLOCK SOLANO AV
1/16/25 5:53 PM	Shots Fired	SACRAMENTO ST/DENIO ST	1/6/25 3:09 AM	Raven Shots Fired Alert	BROADWAY ST/NEBRASKA ST
1/16/25 6:43 PM	Shots Fired	200 BLOCK FLORIDA ST	1/6/25 3:21 AM	Raven Shots Fired Alert	300 BLOCK HAMPSHIRE ST
1/16/25 8:29 PM	Shots Fired	EL DORADO ST/LOUISIANA ST	1/6/25 7:08 PM	Raven Shots Fired Alert	1100 BLOCK MONTEREY ST
1/17/25 12:54 AM	Shots Fired	100 BLOCK WOODROW AV	1/7/25 12:16 AM	Raven Shots Fired Alert	200 BLOCK TEXAS ST
1/17/25 4:05 AM	Shots Fired	SACRAMENTO ST/CAPITOL ST	1/7/25 1:58 AM	Raven Shots Fired Alert	500 BLOCK GILCREST AV
1/17/25 6:38 PM	Shots Fired	3200 BLOCK SONOMA BL	1/7/25 3:16 AM	Raven Shots Fired Alert	500 BLOCK WINCHESTER ST
1/17/25 6:41 PM	Shots Fired	3200 BLOCK SONOMA BL	1/7/25 7:24 PM	Raven Shots Fired Alert	1100 BLOCK PORTER ST
1/17/25 9:14 PM	Shots Fired	LOUISIANA ST/SUTTER ST	1/7/25 9:36 PM	Raven Shots Fired Alert	100 BLOCK BENSON AV
1/17/25 9:35 PM	Shots Fired	300 BLOCK LINFIELD DR	1/7/25 10:47 PM	Raven Shots Fired Alert	700 BLOCK LOUISIANA ST
1/17/25 11:03 PM	Shots Fired	NEBRASKA ST/AMADOR ST	1/8/25 12:06 AM	Raven Shots Fired Alert	100 BLOCK VIEWMONT AV
1/18/25 10:26 AM	Shots Fired	100 BLOCK SAWYER ST	1/8/25 11:30 AM	Raven Shots Fired Alert	1400 BLOCK SONOMA BL
1/18/25 12:35 PM	Shots Fired	800 BLOCK FLORIDA ST	1/8/25 7:29 PM	Raven Shots Fired Alert	1100 BLOCK LOUISIANA ST
1/18/25 9:24 PM	Shots Fired	GEORGIA ST/ASCOT PKWY	1/8/25 9:57 PM	Raven Shots Fired Alert	500 BLOCK MARK AV
1/19/25 12:43 AM	Shots Fired	1300 BLOCK N CAMINO ALTO	1/9/25 3:53 AM	Raven Shots Fired Alert	500 BLOCK AMADOR ST
1/20/25 12:55 PM	Shots Fired	BORGES LN/ANGELINA WY	1/9/25 6:47 PM	Raven Shots Fired Alert	1200 BLOCK MONTEREY ST
1/20/25 6:15 PM	Shots Fired	SONOMA BL/OHIO ST	1/9/25 6:52 PM	Raven Shots Fired Alert	700 BLOCK ILLINOIS ST
1/21/25 12:40 AM	Shots Fired	800 BLOCK OAKWOOD AV	1/9/25 7:58 PM	Raven Shots Fired Alert	100 BLOCK BUSS ST
1/21/25 7:31 PM	Shots Fired	500 BLOCK TENNESSEE ST	1/9/25 8:00 PM	Raven Shots Fired Alert	300 BLOCK CARLSON ST
1/22/25 11:23 AM	Shots Fired	00 BLOCK WERDEN ST	1/9/25 9:56 PM	Raven Shots Fired Alert	1200 BLOCK TENNESSEE ST
1/22/25 6:10 PM	Shots Fired	2400 BLOCK SPRINGS RD	1/10/25 7:19 PM	Raven Shots Fired Alert	1200 BLOCK FLORIDA ST
1/22/25 6:30 PM	Shots Fired	900 BLOCK 6TH ST	1/11/25 12:17 AM	Raven Shots Fired Alert	1000 BLOCK MAGAZINE ST
1/22/25 6:35 PM	Shots Fired	BROADWAY ST/NEBRASKA ST	1/11/25 1:02 AM	Raven Shots Fired Alert	200 BLOCK JORDAN ST
1/23/25 12:00 AM	Shots Fired	1000 BLOCK KENTUCKY ST	1/11/25 3:48 AM	Raven Shots Fired Alert	500 BLOCK PENNSYLVANIA ST
1/23/25 12:51 AM	Shots Fired	1000 BLOCK KENTUCKY ST	1/11/25 4:09 AM	Raven Shots Fired Alert	600 BLOCK LOUISIANA ST
1/23/25 5:21 AM	Shots Fired	MEADOWS DR/BELVEDERE CT	1/11/25 5:12 AM	Raven Shots Fired Alert	100 BLOCK GEORGIA ST
1/23/25 9:42 PM	Shots Fired	200 BLOCK MARIN ST	1/11/25 6:53 PM	Raven Shots Fired Alert	100 BLOCK CARDINAL LN
1/23/25 10:46 PM	Shots Fired	2000 BLOCK SOLANO AV	1/11/25 8:06 PM	Raven Shots Fired Alert	600 BLOCK MAGAZINE ST
1/24/25 11:05 AM	Shots Fired	300 BLOCK CAROLINA ST	1/11/25 9:09 PM	Raven Shots Fired Alert	1000 BLOCK GRANT ST
1/24/25 9:37 PM	Shots Fired	CARROLL ST/ILLINOIS ST	1/11/25 11:38 PM	Raven Shots Fired Alert	000 BLOCK CHASE ST
1/24/25 9:38 PM	Shots Fired	ALAMEDA ST/GEORGIA ST	1/12/25 12:29 AM	Raven Shots Fired Alert	1000 BLOCK SUTTER ST
1/26/25 12:44 AM	Shots Fired	100 BLOCK DOLPHIN CT	1/12/25 12:50 PM	Raven Shots Fired Alert	300 BLOCK AMELIA ST
1/26/25 1:20 AM	Shots Fired	700 BLOCK S REGATTA DR	1/12/25 8:50 PM	Raven Shots Fired Alert	1100 BLOCK LOUISIANA ST
1/26/25 4:40 AM	Shots Fired	100 BLOCK CHAPMAN CT	1/12/25 10:31 PM	Raven Shots Fired Alert	400 BLOCK GONZAGA AV
1/27/25 6:09 AM	Shots Fired	200 BLOCK REIS AV	1/12/25 10:34 PM	Raven Shots Fired Alert	1000 BLOCK KENTUCKY ST
1/27/25 7:18 PM	Shots Fired	700 BLOCK MARIN ST	1/13/25 12:05 AM	Raven Shots Fired Alert	400 BLOCK NEBRASKA ST
1/28/25 8:08 PM	Shots Fired	MAINE ST/SANTA CLARA ST	1/13/25 2:22 AM	Raven Shots Fired Alert	400 BLOCK MARE ISLAND WY
1/29/25 3:12 PM	Shots Fired	MARIN ST/LOUISIANA ST	1/13/25 5:45 PM	Raven Shots Fired Alert	600 BLOCK INDIANA ST

1/31/25 8:11 PM	Shots Fired	COLUMBUS PKY/GEORGIA ST	1/13/25 5:50 PM	Raven Shots Fired Alert	2700 BLOCK SONOMA BL
1/31/25 9:00 PM	Shots Fired	000 BLOCK CALIFORNIA ST	1/14/25 4:41 AM	Raven Shots Fired Alert	400 BLOCK AMADOR ST
1/31/25 11:03 PM	Shots Fired	300 BLOCK FARRAGUT AV	1/15/25 7:23 PM	Raven Shots Fired Alert	700 BLOCK CAROLINA ST
2/1/25 9:29 PM	Shots Fired	100 BLOCK COLOMA WY	1/16/25 1:27 AM	Raven Shots Fired Alert	1100 BLOCK NAPA ST
2/1/25 10:20 PM	Shots Fired	BEVERLY DR/ALHAMBRA AV	1/16/25 7:45 PM	Raven Shots Fired Alert	800 BLOCK FLORIDA ST
2/2/25 7:42 PM	Shots Fired	2000 BLOCK SOLANO AV	1/16/25 7:52 PM	Raven Shots Fired Alert	600 BLOCK DERR ST
2/3/25 2:02 AM	Shots Fired	SPRINGS RD/MAPLE AV	1/16/25 8:21 PM	Raven Shots Fired Alert	500 BLOCK PENNSYLVANIA ST
2/8/25 2:36 AM	Shots Fired	TREGASKIS AV/SPRINGS RD	1/17/25 4:05 AM	Raven Shots Fired Alert	SACRAMENTO ST/CAPITOL ST
2/8/25 9:41 PM	Shots Fired	300 BLOCK FAIRGROUNDS DR	1/17/25 5:28 AM	Raven Shots Fired Alert	1200 BLOCK MARIN ST
2/8/25 11:37 PM	Shots Fired	MINI DR/BROADWAY ST	1/17/25 9:14 PM	Raven Shots Fired Alert	LOUISIANA ST/SUTTER ST
2/9/25 2:38 PM	Shots Fired	600 BLOCK SONOMA BL	1/17/25 9:32 PM	Raven Shots Fired Alert	100 BLOCK SAINT OLAF WY
2/11/25 10:48 PM	Shots Fired	200 BLOCK WILSON AV	1/17/25 9:39 PM	Raven Shots Fired Alert	100 BLOCK DAWSON PL
2/11/25 11:01 PM	Shots Fired	000 BLOCK FAIRVIEW AV	1/17/25 11:03 PM	Raven Shots Fired Alert	NEBRASKA ST/AMADOR ST
2/12/25 8:51 PM	Shots Fired	100 BLOCK BRITANNIA CT	1/17/25 11:04 PM	Raven Shots Fired Alert	100 BLOCK BAYLOR DR
2/14/25 3:48 PM	Shots Fired	400 BLOCK FARRAGUT AV	1/18/25 12:57 AM	Raven Shots Fired Alert	2000 BLOCK SONOMA BL
2/14/25 3:49 PM	Shots Fired	000 BLOCK TENNESSEE ST	1/18/25 2:25 AM	Raven Shots Fired Alert	1100 BLOCK NAPA ST
2/14/25 9:45 PM	Shots Fired	600 BLOCK MINI DR	1/18/25 3:37 AM	Raven Shots Fired Alert	DERR ST/LEMON ST
2/14/25 10:53 PM	Shots Fired	000 BLOCK WERDEN ST	1/18/25 3:44 AM	Raven Shots Fired Alert	100 BLOCK RUTGERS CT
2/15/25 1:40 AM	Shots Fired	ALMOND AVE/HOLLY ST	1/19/25 3:42 AM	Raven Shots Fired Alert	000 BLOCK BROADWAY ST
2/15/25 10:53 AM	Shots Fired	600 BLOCK MINI DR	1/19/25 10:09 PM	Raven Shots Fired Alert	2300 BLOCK SONOMA BL
2/15/25 7:25 PM	Shots Fired	100 BLOCK AMADOR ST	1/19/25 10:09 PM	Raven Shots Fired Alert	600 BLOCK PORTER ST
2/17/25 9:53 AM	Shots Fired	TENNESSEE ST/SONOMA BLVD	1/20/25 4:55 AM	Raven Shots Fired Alert	MARE ISLAND WY/TENNESSEE ST
2/17/25 9:08 PM	Shots Fired	FAIRGROUNDS DR/GATEWAY	1/20/25 5:15 AM	Raven Shots Fired Alert	100 BLOCK LAUREL ST
2/18/25 3:57 PM	Shots Fired	1900 BLOCK GRIFFIN DR	1/21/25 12:05 AM	Raven Shots Fired Alert	600 BLOCK LEMON ST
2/18/25 3:58 PM	Shots Fired	200 BLOCK AVIAN DR	1/21/25 12:06 AM	Raven Shots Fired Alert	3300 BLOCK SONOMA BL
2/18/25 4:21 PM	Shots Fired	300 BLOCK COLLEGE AV	1/21/25 12:07 AM	Raven Shots Fired Alert	1900 BLOCK MARIN ST
2/20/25 10:45 AM	Shots Fired	200 BLOCK SKYLINE DR	1/21/25 2:22 PM	Raven Shots Fired Alert	100 BLOCK NAVONE ST
2/20/25 9:13 PM	Shots Fired	WILSON AV/LIGHTHOUSE DR	1/21/25 2:23 PM	Raven Shots Fired Alert	100 BLOCK NAVONE ST
2/20/25 10:08 PM	Shots Fired	700 BLOCK SERENO DR	1/21/25 6:46 PM	Raven Shots Fired Alert	100 BLOCK DE PAUL DR
2/21/25 9:02 PM	Shots Fired	800 BLOCK OAKWOOD AV	1/21/25 6:46 PM	Raven Shots Fired Alert	100 BLOCK NAVONE ST
2/21/25 9:53 PM	Shots Fired	100 BLOCK DELGADO CT	1/21/25 10:30 PM	Raven Shots Fired Alert	1500 BLOCK MARIN ST
2/22/25 2:54 PM	Shots Fired	1700 BLOCK SPRINGS RD	1/22/25 6:30 AM	Raven Shots Fired Alert	200 BLOCK MISSISSIPPI ST
2/22/25 5:21 PM	Shots Fired	NAPA ST/ILLINOIS ST	1/22/25 9:40 AM	Raven Shots Fired Alert	800 BLOCK TAPER AV
2/22/25 10:34 PM	Shots Fired	COUCH ST/CALIFORNIA ST	1/22/25 10:49 PM	Raven Shots Fired Alert	300 BLOCK RIDGE AV
2/23/25 12:43 AM	Shots Fired	STANFORD DR/POMONA AV	1/22/25 11:31 PM	Raven Shots Fired Alert	1800 BLOCK MARIN ST
2/23/25 1:23 AM	Shots Fired	LOUISIANA ST/SHASTA ST	1/22/25 11:39 PM	Raven Shots Fired Alert	600 BLOCK BROADWAY ST
2/23/25 7:23 AM	Shots Fired	SPRINGS RD/HUMBOLDT ST	1/23/25 11:46 AM	Raven Shots Fired Alert	1100 BLOCK COLUSA ST
2/23/25 2:27 PM	Shots Fired	AMADOR ST/TENNESSEE ST	1/23/25 7:07 PM	Raven Shots Fired Alert	1100 BLOCK TENNESSEE ST

2/23/25 5:37 PM	Shots Fired	300 BLOCK RICHARDSON DR	1/23/25 9:07 PM	Raven Shots Fired Alert	1200 BLOCK MONTEREY ST
2/26/25 8:54 PM	Shots Fired	BUTTE ST/CAROLINA ST	1/23/25 9:42 PM	Raven Shots Fired Alert	200 BLOCK MARIN ST
2/27/25 6:05 AM	Shots Fired	100 BLOCK HILBORN ST	1/24/25 12:27 PM	Raven Shots Fired Alert	400 BLOCK MCGRUE CIR
2/27/25 10:09 AM	Shots Fired	100 BLOCK CHAPMAN CT	1/24/25 2:03 PM	Raven Shots Fired Alert	1800 BLOCK MARIN ST
2/27/25 7:17 PM	Shots Fired	300 BLOCK DEL MAR AV	1/24/25 7:05 PM	Raven Shots Fired Alert	100 BLOCK KEMPER ST
2/27/25 7:18 PM	Shots Fired	1100 BLOCK FLORIDA ST	1/24/25 8:27 PM	Raven Shots Fired Alert	200 BLOCK STANFORD DR
2/27/25 7:20 PM	Shots Fired	GREENFIELD AV/FAIRMONT AV	1/24/25 8:45 PM	Raven Shots Fired Alert	000 BLOCK HARBOR WY
2/27/25 7:46 PM	Shots Fired	REDWOOD ST/ADMIRAL CALLAGHAN LN	1/24/25 9:52 PM	Raven Shots Fired Alert	600 BLOCK MAGAZINE ST
2/27/25 7:51 PM	Shots Fired	1300 BLOCK ARKANSAS ST	1/24/25 10:09 PM	Raven Shots Fired Alert	200 BLOCK LAUREL ST
2/27/25 8:20 PM	Shots Fired	RODGERS ST/SELFRIDGE ST	1/24/25 10:31 PM	Raven Shots Fired Alert	100 BLOCK CONTRA COSTA ST
2/27/25 10:57 PM	Shots Fired	MARE ISLAND WY/TENNESSEE ST	1/25/25 2:58 AM	Raven Shots Fired Alert	00 BLOCK DEL SUR ST
2/27/25 10:58 PM	Shots Fired	900 BLOCK SERENO DR	1/25/25 3:12 AM	Raven Shots Fired Alert	700 BLOCK PORTER ST
2/28/25 12:08 AM	Shots Fired	SEAWIND DR/SEAPORT DR	1/25/25 9:08 AM	Raven Shots Fired Alert	1100 BLOCK LOUISIANA ST
2/28/25 3:21 AM	Shots Fired	1300 BLOCK N CAMINO ALTO	1/25/25 7:57 PM	Raven Shots Fired Alert	600 BLOCK SANTA CLARA ST
2/28/25 10:10 PM	Shots Fired	AMADOR ST/NEBRASKA ST	1/26/25 2:05 AM	Raven Shots Fired Alert	1200 BLOCK WARREN AV
2/28/25 11:08 PM	Shots Fired	LIGHTHOUSE DR/WILSON AV	1/26/25 2:23 AM	Raven Shots Fired Alert	SONOMA BL/WINCHESTER ST
Total: 127			1/26/25 5:46 AM	Raven Shots Fired Alert	600 BLOCK GRANT ST
			1/27/25 3:23 AM	Raven Shots Fired Alert	600 BLOCK SONOMA BL
			1/28/25 12:49 AM	Raven Shots Fired Alert	500 BLOCK WINCHESTER ST
			1/28/25 3:37 AM	Raven Shots Fired Alert	600 BLOCK SONOMA BL
			1/28/25 4:38 AM	Raven Shots Fired Alert	700 BLOCK SONOMA BL
			1/28/25 11:27 PM	Raven Shots Fired Alert	600 BLOCK SONOMA BL
			1/29/25 12:04 AM	Raven Shots Fired Alert	700 BLOCK GATEWAY DR
			1/29/25 12:05 AM	Raven Shots Fired Alert	100 BLOCK PURDUE DR
			1/29/25 12:07 PM	Raven Shots Fired Alert	3000 BLOCK SONOMA BL
			1/29/25 12:08 PM	Raven Shots Fired Alert	300 BLOCK NEBRASKA ST
			1/29/25 12:35 PM	Raven Shots Fired Alert	1700 BLOCK FERN PL
			1/29/25 8:26 PM	Raven Shots Fired Alert	1400 BLOCK TENNESSEE ST
			1/29/25 9:42 PM	Raven Shots Fired Alert	700 BLOCK SONOMA BL
			1/30/25 9:32 PM	Raven Shots Fired Alert	300 BLOCK SPRINGS RD
			1/30/25 10:48 PM	Raven Shots Fired Alert	100 BLOCK HILL DR
			1/30/25 11:28 PM	Raven Shots Fired Alert	600 BLOCK SONOMA BL
			1/31/25 12:34 AM	Raven Shots Fired Alert	1100 BLOCK LOUISIANA ST
			1/31/25 12:36 AM	Raven Shots Fired Alert	MARE ISLAND WY/TENNESSEE ST
			1/31/25 4:54 AM	Raven Shots Fired Alert	1200 BLOCK 5TH ST
			1/31/25 9:37 PM	Raven Shots Fired Alert	700 BLOCK TUOLUMNE ST
			1/31/25 10:44 PM	Raven Shots Fired Alert	1300 BLOCK AMADOR ST
			1/31/25 11:03 PM	Raven Shots Fired Alert	300 BLOCK FARRAGUT AV

1/31/25 11:24 PM	Raven Shots Fired Alert	300 BLOCK RIDGE AV
2/1/25 6:24 PM	Raven Shots Fired Alert	2000 BLOCK BROADWAY ST
2/1/25 11:11 PM	Raven Shots Fired Alert	1000 BLOCK BEACH ST
2/2/25 3:06 AM	Raven Shots Fired Alert	600 BLOCK SONOMA BL
2/2/25 3:59 AM	Raven Shots Fired Alert	1000 BLOCK LOYOLA WY
2/2/25 7:53 PM	Raven Shots Fired Alert	300 BLOCK CENTRAL AV
2/2/25 8:23 PM	Raven Shots Fired Alert	900 BLOCK GRANT ST
2/4/25 3:15 AM	Raven Shots Fired Alert	500 BLOCK TENNESSEE ST
2/4/25 11:50 PM	Raven Shots Fired Alert	2200 BLOCK SONOMA BL
2/5/25 7:48 PM	Raven Shots Fired Alert	800 BLOCK 5TH ST
2/5/25 8:41 PM	Raven Shots Fired Alert	1100 BLOCK PINE ST
2/6/25 1:12 AM	Raven Shots Fired Alert	500 BLOCK MARK AV
2/6/25 1:12 AM	Raven Shots Fired Alert	1700 BLOCK LEMON ST
2/6/25 6:53 AM	Raven Shots Fired Alert	1500 BLOCK ILLINOIS ST
2/6/25 8:41 PM	Raven Shots Fired Alert	1100 BLOCK NAPA ST
2/7/25 1:24 AM	Raven Shots Fired Alert	1200 BLOCK YORK ST
2/7/25 2:16 AM	Raven Shots Fired Alert	600 BLOCK BROADWAY ST
2/7/25 11:56 PM	Raven Shots Fired Alert	900 BLOCK FLORIDA ST
2/8/25 9:13 PM	Raven Shots Fired Alert	500 BLOCK GILCREST AV
2/8/25 9:40 PM	Raven Shots Fired Alert	100 BLOCK CARROLL ST
2/8/25 10:32 PM	Raven Shots Fired Alert	700 BLOCK BROADWAY ST
2/8/25 11:38 PM	Raven Shots Fired Alert	100 BLOCK YALE CT
2/9/25 4:47 AM	Raven Shots Fired Alert	100 BLOCK ILLINOIS ST
2/9/25 4:49 AM	Raven Shots Fired Alert	1000 BLOCK FLORIDA ST
2/10/25 9:18 PM	Raven Shots Fired Alert	1100 BLOCK PINE ST
2/14/25 12:49 AM	Raven Shots Fired Alert	200 BLOCK NICOLE WY
2/14/25 1:49 AM	Raven Shots Fired Alert	600 BLOCK OHIO ST
2/14/25 10:22 PM	Raven Shots Fired Alert	100 BLOCK ALABAMA ST
2/14/25 11:00 PM	Raven Shots Fired Alert	100 BLOCK CAROLINA ST
2/15/25 7:52 AM	Raven Shots Fired Alert	400 BLOCK TENNESSEE ST
2/15/25 6:36 PM	Raven Shots Fired Alert	200 BLOCK JORDAN ST
2/15/25 9:17 PM	Raven Shots Fired Alert	800 BLOCK STANFORD DR
2/17/25 4:34 AM	Raven Shots Fired Alert	1500 BLOCK SACRAMENTO ST
2/17/25 8:35 PM	Raven Shots Fired Alert	1300 BLOCK SANTA CLARA ST
2/18/25 2:37 AM	Raven Shots Fired Alert	2100 BLOCK SACRAMENTO ST
2/18/25 3:23 PM	Raven Shots Fired Alert	1900 BLOCK GRIFFIN DR
2/18/25 9:13 PM	Raven Shots Fired Alert	2400 BLOCK SONOMA BL
2/19/25 1:19 PM	Raven Shots Fired Alert	500 BLOCK CURTOLA PKWY

2/19/25 11:40 PM	Raven Shots Fired Alert	700 BLOCK SHERIDAN ST
2/21/25 9:06 PM	Raven Shots Fired Alert	800 BLOCK GRANT ST
2/22/25 2:01 AM	Raven Shots Fired Alert	200 BLOCK TRINITY ST
2/22/25 5:13 PM	Raven Shots Fired Alert	1800 BLOCK NAPA ST
2/22/25 10:16 PM	Raven Shots Fired Alert	400 BLOCK DIANA DR
2/23/25 5:24 AM	Raven Shots Fired Alert	1100 BLOCK PORTER ST
2/23/25 2:08 PM	Raven Shots Fired Alert	1000 BLOCK GRANT ST
2/23/25 2:27 PM	Raven Shots Fired Alert	1100 BLOCK LOUISIANA ST
2/24/25 10:50 PM	Raven Shots Fired Alert	300 BLOCK JORDAN ST
2/24/25 10:50 PM	Raven Shots Fired Alert	1100 BLOCK PINE ST
2/25/25 9:08 AM	Raven Shots Fired Alert	1100 BLOCK PINE ST
2/26/25 11:10 PM	Raven Shots Fired Alert	1000 BLOCK LEWIS AV
2/27/25 1:51 AM	Raven Shots Fired Alert	700 BLOCK SAN FERNANDO WY
2/27/25 10:09 AM	Raven Shots Fired Alert	100 BLOCK CHAPMAN CT
2/27/25 9:38 PM	Raven Shots Fired Alert	400 BLOCK LINCOLN RD E
2/28/25 2:46 AM	Raven Shots Fired Alert	1200 BLOCK 5TH ST
2/28/25 8:43 PM	Raven Shots Fired Alert	100 BLOCK NAVONE ST
2/28/25 8:45 PM	Raven Shots Fired Alert	800 BLOCK NEBRASKA ST
2/28/25 9:41 PM	Raven Shots Fired Alert	400 BLOCK FLORIDA ST
2/28/25 10:04 PM	Raven Shots Fired Alert	100 BLOCK NIGH ST
2/28/25 10:07 PM	Raven Shots Fired Alert	1100 BLOCK OHIO ST
2/28/25 11:23 PM	Raven Shots Fired Alert	LOUISIANA ST/MONTEREY ST

Total: 210