



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



APRIL 28, 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

**Council Chambers
 555 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>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://ZoomRegular.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 • Watch Vallejo local channel 28 • Stream from the City website: www.cityofvallejo.net/Streaming • Join the Zoom webinar: https://ZoomRegular.Cityofvallejo.net/ 	<p>Scan QR code for live captions and translation in Spanish and Tagalog.</p> 
<p align="center">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://ZoomRegular.Cityofvallejo.net to launch and join the zoom application. Meeting ID: 914 0075 0676# Meeting Password: 131313</p>	<p><u>Option to Join by Phone</u> Dial (669) 900-6833 Enter Meeting ID: 914 0075 0676 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 City Council 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 City Clerk</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 MARCH 27, 2025, REGULAR BOARD MEETING.**

Recommendation: By motion approve meeting minutes from March 27, 2025 Surveillance Advisory Board Regular Meeting and approve agenda for the April 28th, 2025 SPECIAL Meeting of the Surveillance Advisory Board.
Contact: Naveed Ashraf, Board Secretary (707) 648-5200
Naveed.Ashraf@cityofvallejo.net
6. **REPORT OF THE COMMITTEE/BOARD SECRETARY**

1) Board interviews took place on April 23rd, 2025. The City Council will make their selection on May 13th 2025. 2) A web page for SAB documents (RESOS, Training, and Presentations) has been created. The link was e-mailed to all board members.
7. **CITY ATTORNEY'S REPORT**
8. **REPORT OF THE CITY COUNCIL LIAISON**
9. **REPORT OF THE CHAIRPERSON AND MEMBERS OF THE COMMITTEE/BOARD**
10. **ACTION CALENDAR**
 - A **ADOPTION OF A RESOLUTION RECOMMENDING/NOT RECOMMENDING DEPLOYMENT OF AUTOMATED RED LIGHT CAMERA TECHNOLOGY BY THE VALLEJO POLICE DEPARTMENT WITH THE BOARD TO DISCUSS AND MAKE CHANGES TO THE RESOLUTION DURING THE MEETING.**

Recommendation: Board to review various privacy aspects of automated red light camera technology (ARLES) and make a recommendation or not make a recommendation to the Vallejo City Council to move forward with the deployment of the technology.
Contact: Jerome Bautista, Police Captain (707) 648-5200
Jerome.Bautista@Cityofvallejo.net
 - B **DISCUSSION OF THE VALLEJO POLICE DEPARTMENT POLICY CONCERNING THE FLOCK RAVEN GUNSHOT DETECTION SYSTEM**

Recommendation: Discuss the Flock Raven policy with the representatives of the Vallejo Police Department.

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

Jerome.Bautista@cityofvallejo.net

11. INFORMATION CALENDAR

A TECHNOLOGY USAGE REPORTS: DRONES, CELL SITE SIMULATOR, RAVEN GUNSHOT DETECTION BETA PROJECT, AND FLOCK ALPR CAMERAS

Recommendation: Surveillance Advisory board to receive technology usage reports on a monthly basis. No action is needed. This is an informational item.

Contact: Jeff Tai, Police Lieutenant (707) 648-4011

Jeff.Tai@cityofvallejo.net

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

Recommendation: The chair to update the board on the RAVEN ad-hoc committee's findings. Information item only. No action needed.

Contact: Jerome Bautista, Police Captain (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: alertsolano.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., April 25th, 2025.

Dated: April 25th, 2025



Naveed Ashraf, Board Secretary

DRAFT MINUTES

**SURVEILLANCE ADVISORY BOARD
REGULAR MEETING MINUTES**

**March 27, 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*
Council Liaison: *Peter Bregenzer*
4. **FIRST COMMUNITY** ***Ronald Tesnow**, a member of the community, made public comments in support of not deploying ARLES. **Floyd Paul**, member of the community made a public comment raising concerns that he is being followed by drones as he goes about his business in the city.*
5. **CONSENT CALENDAR AND APPROVAL OF AGENDA**
Approve meeting minutes of January 16, 2025

Moved: Stewart
Second: Lee
Vote: Ayes Lee, Reddell, Moreno, Pasholk, and Stewart
Abstain: none
6. **REPORT OF THE SECRETARY**

Board Secretary Ashraf reported the following items:
 - 1) *Applicant interviews and vacancies. Interview dates.*
 - 2) *Survey sent out to board members for the appreciation event.*
7. **CITY ATTORNEY'S REPORT** *(None)*
8. **CITY COUNCIL LIAISON REPORT** *(None)*
9. **REPORT OF BOARD MEMBERS** *(None)*
10. **ACTION CALENDAR**
 - a. **ADOPTION OF A RESOLUTION RECOMMENDING AGAINST DEPLOYMENT OF AUTOMATED REDLIGHT CAMERA TECHNOLOGY BY THE VALLEJO POLICE**

DEPARTMENT WITH THE BOARD TO DISCUSS AND MAKE ANY CHANGES TO THE RESOLUTION DURING THE MEETING.

Captain Bautista presented a detailed presentation on the item, explain that deployment of ARLES technology is not feasible at this time, due to excessive administrative overhead caused by the technology and Vallejo PD being understaffed will not be able to handle. Captain Bautista presented few vendors operating in this space offering ARLES technology.

Board asked questions and Vice Mayor also made a comment that it is not the Board's purview to determine that this technology is financially or administratively feasible for deployment. The board's purview is to explore the privacy aspects of the technology and make a recommendation or not make a recommendation to the Vallejo City Council in a form of a resolution. It is the job of Vallejo City Council to determine the funding and final say on the deployment of this technology.

Board suggested that this item be brought back in the April meeting for discussion with a focus on privacy aspect of the technology. Motion was made to take no action but continue in the future meeting.

The motion was made by Vice-Chair Lee, seconded by Board member Moreno, with a unanimous vote.

11. INFORMATION CALENDAR

a. TECHNOLOGY USAGE REPORTS

Captain Bautista and Lt. Tai went through the technology reports. Board had no questions on the technology reports presented by VPD staff.

b. RAVEN AD-HOC COMMITTEE REPORT

Captain Bautista presented the RAVEN gunshot technology usage report. Vice Chair reported on the progress of DRAFT policy and indicated that this item can now be discussed with the board. Staff will agendize the Raven draft policy reviewed by SAB ad-hoc committee in April meeting.

12. FUTURE AGENDA ITEMS

Next board meeting will be a Special meeting. Possible date late April, 2025.

13. ADJOURNMENT *Meeting adjourned 6:55 p.m.*

SIMON LEE, VICE CHAIR

ATTEST:

NAVEED ASHRAF
CHIEF INNOVATION OFFICER/IT DIRECTOR



DATE: April 28, 2025
TO: Surveillance Advisory Board Chair and Members of the Board
FROM: Jerome Bautista, Police Captain
SUBJECT: **ADOPTION OF A RESOLUTION RECOMMENDING/NOT RECOMMENDING DEPLOYMENT OF AUTOMATED RED LIGHT CAMERA TECHNOLOGY BY THE VALLEJO POLICE DEPARTMENT WITH THE BOARD TO DISCUSS AND MAKE CHANGES TO THE RESOLUTION DURING THE MEETING.**

RECOMMENDATION

Board to review various privacy aspects of automated red light camera technology (ARLES) and make a recommendation or not make a recommendation to the Vallejo City Council to move forward with the deployment of the technology.

BACKGROUND AND DISCUSSION

As per Vallejo City Council's request, the Surveillance Advisory Board has been asked to review the automated red light camera technology, also known as ARLES. It is the City Council's desire to explore this technology to assist the Vallejo Police Department in catching folks violating traffic laws in the city. Captain Bautista presented to the board in the previous three meetings, making the case that deployment of this technology will add more administrative burden to the already severely understaffed Vallejo Police Department. Captain Bautista presented a detailed memo to the Board with his reasons. The detailed memo is attached with this staff report as attachment 1. Captain Bautista's concern and focus has been on financial and staff capacity to carry out this program efficiently.

On March 27th, 2025, the Surveillance Advisory Board liaison, Vallejo Vice Mayor Peter Bregenzer, requested that the board not focus on the financial and staffing aspects of the technology deployment, but focus on the various privacy issues surrounding this technology and, after their review, make a recommendation to the Vallejo City Council in the form of a resolution recommending or not recommending the deployment of automated red-light camera technology.

Board to deliberate and discuss various privacy issues that could arise from deploying this technology in the public right of way. Below are a few privacy issues that can arise with the deployment of this technology:

- 1) Data retention and use of data by the Vallejo Police Department.
- 2) Racial profiling.

ATTACHMENTS

1.	ARLES Summary-Attachment-1
2.	SAB-ARLES-RESO-NOT-RECOMMENDING CAO Stamp
3.	SAB-ARLES-RESO-RECOMMENDING CAO Stamp

CONTACT

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

Date: April 28, 2025

**Subject: ADOPTION OF A RESOLUTION RECOMMENDING/NOT RECOMMENDING DEPLOYMENT OF
AUTOMATED RED LIGHT CAMERA TECHNOLOGY BY THE VALLEJO POLICE
DEPARTMENT WITH THE BOARD TO DISCUSS AND MAKE CHANGES TO THE
RESOLUTION DURING THE MEETING.**

Page 2

Action Item 10-A (Attachment-1)

RED LIGHT CAMERAS

ARLES- Automated Red Light Enforcement System

REQUIREMENTS:

- Would require additional Police Department Support Staff
 - PD already in major staffing deficit with 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, Public Works

IMPACT

- Fiscal impact- Approx. 4.1 million over 5 years
- Decline in injury collisions in 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
 - 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
- 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
- Increased Police Department Staff
 - 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

Action Item 10-A (Attachment -1)

- 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
- 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 sill not implemented

***Possibly revisit in a few years to evaluate staffing.**

Approved as to form:

By:  for
Veronica Nebb, City Attorney

RESOLUTION NO. 2025-001

**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 April 28, 2025 with the following vote:

AYES:
NOES:
ABSENT:
ABSTAIN:

ATTEST:

SIMON LEE, VICE-CHAIR

NAVEED ASHRAF, SECRETARY

Approved as to form:

By:  for
Veronica Nebb, City Attorney

RESOLUTION NO. 2025-001

**A RESOLUTION OF THE CITY OF VALLEJO SURVEILLANCE ADVISORY BOARD
RECOMMENDING 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, Board has reviewed various privacy concerns surrounding ARLES technology; and

WHEREAS, Board finds that the privacy concerns can be addressed with VPD policies and feels the technology is beneficial to the city of Vallejo; 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 beneficial to the City of Vallejo and its citizens at this

time and recommends its purchase and deployment.

Adopted by the City of Vallejo Surveillance Advisory Board at a special meeting held on April 28, 2025 with the following vote:

AYES:

NOES:

ABSENT:

ABSTAIN:

ATTEST:

SIMON LEE, VICE-CHAIR

NAVEED ASHRAF, SECRETARY



DATE: April 28, 2025
TO: Surveillance Advisory Board Chair and Members of the Board
FROM: Jerome Bautista, Police Captain
SUBJECT: **DISCUSSION OF THE VALLEJO POLICE DEPARTMENT POLICY CONCERNING THE FLOCK RAVEN GUNSHOT DETECTION SYSTEM**

RECOMMENDATION

Discuss the Flock Raven policy with the representatives of the Vallejo Police Department.

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)

The ad-hoc committee has met a few times and has reviewed the RAVEN Draft policy and made recommendations. The recommendations will be discussed with the board in an open session to finalize the policy discussion. The draft policies attached with the staff report.

ATTACHMENTS

1.	Gun_Shot_Audio_Detection_System raven v2 (1)
2.	DRAFT Flock_Safety_Technology__Raven_.pages - SubCom Edits

CONTACT

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

Vallejo Police Department
Vallejo PD Policy Manual

DRAFT

Gun Shot Audio Detection System

434.1 PURPOSE AND SCOPE

The purpose of this policy is to establish guidelines for the use of Gun Shot Audio Detection (GSAD) technology. The Department currently uses Flock Safety Technology "Raven" for GSAD.

434.2 POLICY

It shall be the policy of the Department to properly utilize GSAD technology to enhance the Department's ability to respond to and investigate sideshows, fireworks, or violent crimes involving illegal gunfire

434.3 OPERATIONS

Use of GSAD is restricted to the purposes outlined below. Department members shall not use, or allow others to use the equipment or database records for any unauthorized purpose

- (a) GSAD shall only be used for official law enforcement business.
- (b) GSAD may be used in conjunction with any routine patrol operation or criminal investigation.

The GSAD system, and all data collected, is the property of the Vallejo Police Department. Department personnel may only access and use the GSAD system for official and legitimate law enforcement purposes consistent with this policy.

Anyone who engages in an impermissible use of the GSAD system may be subject to:

- (a) Criminal prosecution,
- (b) Civil liability, and/or
- (c) Administrative sanctions, up to and including termination, pursuant to and consistent with the relevant collective bargaining agreements and Department policies.

434.4 GENERAL PROCEDURES

- (a) All users were provided initial training on GSAD during the implementation of the system. New users will be provided training on the proper use of GSAD prior to accessing the GSAD system.
- (b) GSAD uses audio sensors placed in selected areas to identify the location of gunfire which will be the equipment's primary function, however, the system also has the ability to detect firework and sideshow activity.
- (c) GSAD recognizes and records gunfire within a geographical area and relays that information immediately to the Department's communications center alerts all active Mobile Data Terminal (MDT) if logged into the GSAD system. Based on the information from GSAD, a call for service will be entered into the Computer Aided Dispatch (CAD) system.
- (d) GSAD provides an accessible audio recording of the incident to the MDT (patrol vehicle) and users logged into the system from a desktop.
- (e) Flock Safety is responsible for the storage of all audio recording and related information and will retain the information for a period of 30 days.

- (f) The Operations Captain will supervise or designate a project supervisor to oversee the installation and data collection of the GSAD program. Information generated by the GSAD system will be tracked by the project supervisor.
- (g) GSAD incident reports and audio recordings shall not be released to the public, media, or other outside entity without the authorization of the Operations Captain or higher authority.
- (h) Police personnel shall not provide to the public the location or description of the GSAD sensors.

434.4.1 COMMUNICATIONS CENTER RESPONSIBILITIES

- (a) GSAD incidents shall be entered as a call for service (10-75R).
- (b) The dispatcher entering the incident will shall classify the GSAD incident as a Priority 2 call for service.
- (c) The dispatcher entering the call for service shall include a detailed location of the incident and the information captured by GSAD, which may include:
 - 1. A single gun shot detection
 - 2. A multi gun shot detection
- (d) Dispatchers receiving additional calls from citizens reporting sounds of shots fired should supplement the original GSAD incident and include specific information pertinent to the dispatch of the incident, which may include:
 - 1. A confirmed shooting victim
 - 2. A description of any involved subject(s)
 - 3. A description of any involved vehicles
 - 4. Information about a discarded weapon or evidence of a shooting
- (e) The radio dispatcher shall ensure any units responding are assigned to the original GSAD incident.
- (f) The radio dispatcher shall remain attentive to possible related calls for service in the vicinity of the GSAD incident.
 - 1. Pertinent information provided by citizens shall be relayed to responding units
 - 2. Duplicate calls shall be added to the original GSAD incident
- (g) Upon confirmation of an actual shooting, the radio dispatcher shall coordinate the response of additional units and medical aid if needed.

434.4.2 OFFICER RESPONSIBILITIES

- (a) When a GSAD alert is received, available patrol units in proximity of the incident shall respond to the location and advise dispatch over the police radio that they are en route.
- (b) Responding officers shall treat the incident as a crime in progress and take a safe and strategic approach to the incident.
- (c) If equipped with a field-based system (MDT), officers shall review the audio at the scene to assist in the investigation.
- (d) Responding officers shall complete a neighborhood canvass in the area of the activation.

Gun Shot Audio Detection System

434.5 DATA COLLECTION AND RETENTION

The Operations Captain is responsible for ensuring systems and processes are in place for the proper collection and retention of GSAD data.

All GSAD should be stored for no longer than one year, and in accordance with the established records retention schedule. Thereafter, GSAD data should be purged unless it has become, or it is reasonable to believe it will become, evidence in a criminal or civil action or is subject to a discovery request or other lawful action to produce records. In those circumstances the applicable data should be downloaded from the server onto portable media and booked into evidence.

GSAD vendor, Flock Safety will store the data (data hosting) and ensure proper maintenance and security of data stored in their data towers. Flock Safety will purge their data at the end of the 30 days of storage.

Restrictions on use of GSAD data:

- (a) Information gathered or collected, and records retained by Flock Safety cameras or any other Department GSAD system will not be sold, accessed, or used for any purpose other than legitimate law enforcement or public safety purposes.

434.6 ACCOUNTABILITY AND SAFEGUARDS

All data will be closely safeguarded and protected by both procedural and technological means.

- (a) All non-law enforcement requests for access to stored GSAD data shall be processed in accordance with applicable law.
- (b) All GSAD data downloaded to the mobile workstation shall be accessible only through a login/password-protected system capable of documenting all access of information by name, date, and time.
- (c) Persons approved to access GSAD data under these guidelines are permitted to access the data for legitimate law enforcement purposes only, such as when the data relate to a specific criminal investigation or Department related civil or administrative action.
- (d) Such GSAD data may be released to other authorized and verified law enforcement officials and agencies for legitimate law enforcement purposes.
- (e) Every GSAD detection browsing inquiry must be documented by either the associated Vallejo Police case number or incident number, and/or a reason for the inquiry.

For security or data breaches, see the Records Release and Maintenance Policy.

Gun Shot Audio Detection - Flock Safety Technology "Raven"

434.1 PURPOSE AND SCOPE

Agency Content

The purpose of this policy is to establish guidelines for the use of Gun Shot Audio Detection (GSAD) technology. The Department currently uses Flock Safety Technology "Raven" for GSAD.

434.2 POLICY

Agency Content

It shall be the policy of the Department to properly utilize GSAD technology to enhance the Department's ability to respond to and investigate violent crimes involving illegal gunfire, e.

434.3 GENERAL PROCEDURES

Agency Content

(a) GSAD uses audio sensors placed in selected areas to identify the location of gunfire which will be the equipment's primary function, however, the system also has the ability to detect firework and sideshow activity.

(b) GSAD recognizes and records gunfire within a geographical area and relays that information immediately to the Department's communications center alerts all active Mobile Data Terminal (MDT) if logged into the GSAD system. Based on the information from GSAD, a call for service will be entered into the Computer Aided Dispatch (CAD) system.

(c) GSAD provides an accessible audio recording of the incident to the MDT (patrol vehicle) and users logged into the system from a desktop.

(d) Flock Safety is responsible for the storage of all audio recording and related information and will retain the information for a period of 30 days.

(e) The Operations Captain will supervise or designate a project supervisor to oversee the installation and data collection of the GSAD program. Information generated by the GSAD system will be tracked by the project supervisor.

(f) GSAD incident reports and audio recordings shall not be released to the public, media, or other outside entity without the authorization of the Operations Captain or higher authority.

(g) Police personnel shall not provide to the public the location or description of the GSAD sensors.

434.3.1 COMMUNICATIONS CENTER RESPONSIBILITIES

Commented [1]:

General "Global" comments on current Draft Policy:

(1) There is no mention regarding staff accountability, related measures, and reasonable disciplinary actions / consequences should Raven technology be misused willfully, negligently, or accidentally.

Added 434.3 Operations which prohibits unlawful use

(2) Recommend adding language that describes how VPD will inform the SAB and/or Council about relevant procedures and metrics in the administration of this policy that is consistent with Council guidance / instruction of how VPD should inform Council / SAB.

No other VPD policy I am aware of references any board groups to include SAB or City Council (unless legal requirements such as AB481). I believe City Chapter 2.27 governs SAB and their role which VPD follows.

(3) Recommend adding language around required training in order to use Raven Technology and a commitment that only those duly trained will have access to Raven data including recordings.

Added training to the general procedures. All GSAD users were provided initial training during the implementation of the system. New members will be provided training on GSAD prior to accessing the system.

(4) Recommend an inventory listed by job title (Police officer, dispatcher, supervising Officers, etc.) who have access to Raven data including recordings.

Commented [2]:

Related to comment below in 434.3 (a) below, if VPD wishes to put firework and sideshow detection, these other crimes should be added here in addition to the how this data will be processed and used by VPD.

Modified to read, "...respond and investigate sideshows, fireworks, and violent crimes involving illegal gunfire."

Commented [3]:

What is VPD's purpose in referencing these here?

There is scant mention of this on the policy draft. Exactly How RAVEN will be used for these non gun fire crimes needs to be fleshed out in much more detail.

Gunfire detection is the primary function of Raven, however, we wanted to ensure transparency in what Raven's capabilities are.

Commented [4]:

Per VPD commentary at SAB meetings, VPD must add all specific exceptions (including timeframes and relevant protocols) to this 30 day retention period here (e.g., ongoing crime investigation, ongoing litigation, internal audit review, etc.)

We added 434.5 and 434.6 in regards to Data Collection and Time Frames, as well as, accountability and safeguards.

Agency Content

[\(a\) GSAD incidents shall be entered as a call for service \(10-75R\)](#)

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*****DRAFT*****

Gun Shot Audio Detection - Flock Safety
Technology "Raven" - 1

Vallejo Police Department

Vallejo PD Policy Manual

Gun Shot Audio Detection - Flock Safety Technology "Raven"

(b) The dispatcher entering the incident will shall classify the GSAD incident as a Priority 2 call for service.

(c) The dispatcher entering the call for service shall include a detailed location of the incident and the information captured by GSAD, which may include

1. A single gun shot detection
2. A multi gun shot detection

(d) Dispatchers receiving additional calls from citizens reporting sounds of shots fired should supplement the original GSAD incident and include specific information pertinent to the dispatch of the incident, which may include

1. A confirmed shooting victim.
2. A description of any involved subject(s).
3. A description of any involved vehicles.
4. Information about a discarded weapon or evidence of a shooting.

(e) The radio dispatcher shall ensure any units responding are assigned to the original GSAD incident.

(f) The radio dispatcher shall remain attentive to possible related calls for service in the vicinity of the GSAD incident.

1. Pertinent information provided by citizens shall be relayed to responding units.
2. Duplicate calls shall be added to the original GSAD incident.

(g) Upon confirmation of an actual shooting, the radio dispatcher shall coordinate the response of additional units and medical aid if needed.

434.3.2 OFFICER RESPONSIBILITIES

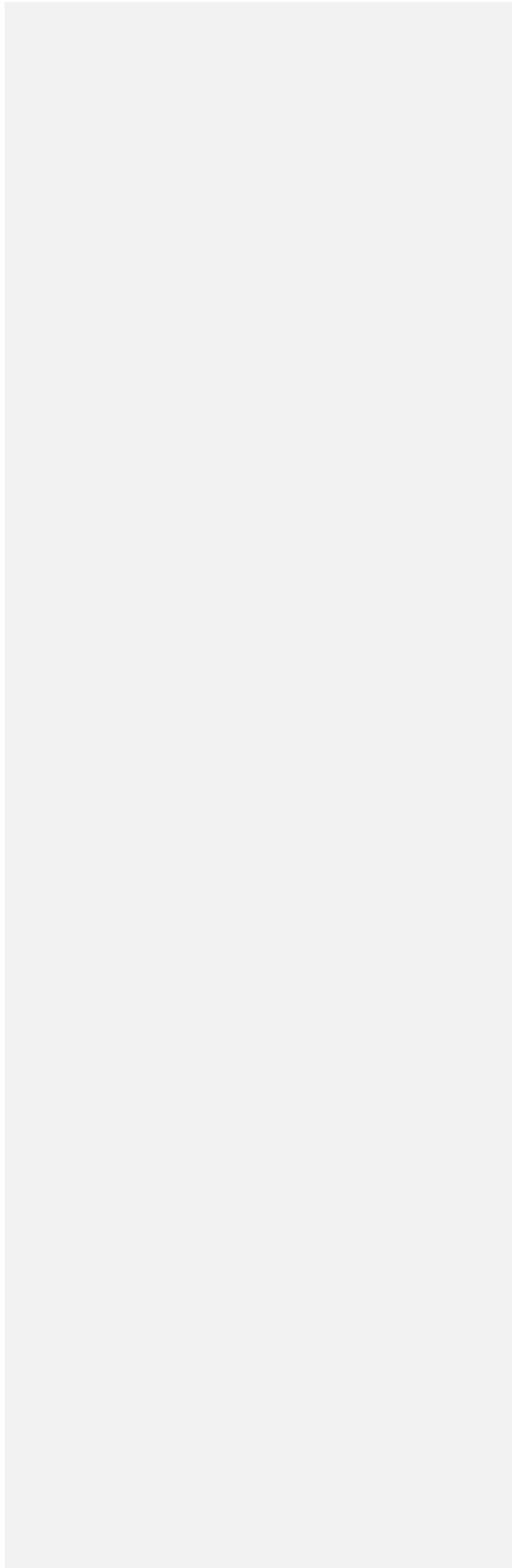
Agency Content

(a) When a GSAD alert is received, available patrol units in proximity as the incident shall respond to the location and advise dispatch over the police radio that they are en route.

(b) Responding officers shall treat the incident as a crime in progress and take a safe and strategic approach to the incident.

(c) If equipped with a field-based system (MDT), officers shall review the audio at the scene to assist in the investigation.

(d) Responding officers shall complete a neighborhood canvass in the area of the activation.





DATE: April 28, 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

Surveillance Advisory board to receive technology usage reports on a monthly basis. No action is needed. This is an informational item.

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 (MARCH)
2.	ALPR 2025 YTD (MARCH)
3.	Raven Analytics YTD 2025 (MARCH)
4.	Shots Fired Comparison YTD 2025 (MARCH)

CONTACT

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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									
8									
9									
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									
21									
22									



ALPR 2025

01/01/25 – 03/31/2025



LAW ENFORCEMENT USE ONLY

License Plate Readers Overview

01/01/25 – 03/31/2025

**Vehicle Recoveries
with use of LPR**

17

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

93

**Arrests with
the use of LPR**

18

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

19,094

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	15,751
Stolen Vehicle	391
Felony Vehicles	30
Custom Alerts (Ofc Safety/BOLO)	2,922
Total	19,094



Raven Audio Alert Statistics YTD

January - March 2025



Total Alerts

1,803

**Multiple
Gunshot Alerts**

271

**Single Gunshot
Alerts**

107

**Total Gunshot
Alerts**

378

Sideshow Alerts

612

Firework Alerts

813

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: 176

Raven Shots Fired Alerts: 284

Shots Fired Calls for Service Jan - March 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
3/1/25 6:50 PM	Shots Fired	SONOMA BL/REDWOOD ST	1/26/25 5:46 AM	Raven Shots Fired Alert	600 BLOCK GRANT ST
3/1/25 6:55 PM	Shots Fired	3500 BLOCK SONOMA BL	1/27/25 3:23 AM	Raven Shots Fired Alert	600 BLOCK SONOMA BL
3/1/25 7:49 PM	Shots Fired	3500 BLOCK SONOMA BL	1/28/25 12:49 AM	Raven Shots Fired Alert	500 BLOCK WINCHESTER ST
3/1/25 8:59 PM	Shots Fired	100 BLOCK DOLPHIN CT	1/28/25 3:37 AM	Raven Shots Fired Alert	600 BLOCK SONOMA BL
3/2/25 12:31 AM	Shots Fired	100 BLOCK PACIFIC CT	1/28/25 4:38 AM	Raven Shots Fired Alert	700 BLOCK SONOMA BL
3/2/25 9:33 PM	Shots Fired	TUOLUMNE ST/REDWOOD ST	1/28/25 11:27 PM	Raven Shots Fired Alert	600 BLOCK SONOMA BL
3/7/25 7:07 AM	Shots Fired	MONTEREY ST/OHIO ST	1/29/25 12:04 AM	Raven Shots Fired Alert	700 BLOCK GATEWAY DR
3/7/25 7:54 PM	Shots Fired	1300 BLOCK CARL AV	1/29/25 12:05 AM	Raven Shots Fired Alert	100 BLOCK PURDUE DR
3/7/25 9:23 PM	Shots Fired	ILLINOIS ST/STATE ST	1/29/25 12:07 PM	Raven Shots Fired Alert	3000 BLOCK SONOMA BL
3/9/25 4:01 AM	Shots Fired	400 BLOCK WHITNEY AV	1/29/25 12:08 PM	Raven Shots Fired Alert	300 BLOCK NEBRASKA ST
3/9/25 1:50 PM	Shots Fired	000 BLOCK BROADWAY ST	1/29/25 12:35 PM	Raven Shots Fired Alert	1700 BLOCK FERN PL
3/9/25 8:02 PM	Shots Fired	900 BLOCK SERENO DR	1/29/25 8:26 PM	Raven Shots Fired Alert	1400 BLOCK TENNESSEE ST
3/10/25 4:15 AM	Shots Fired	2200 BLOCK SACRAMENTO ST	1/29/25 9:42 PM	Raven Shots Fired Alert	700 BLOCK SONOMA BL
3/10/25 2:03 PM	Shots Fired	200 BLOCK LOFAS PL	1/30/25 9:32 PM	Raven Shots Fired Alert	300 BLOCK SPRINGS RD
3/10/25 9:54 PM	Shots Fired	OLD WILSON AV/SAINT FRANCIS DR	1/30/25 10:48 PM	Raven Shots Fired Alert	100 BLOCK HILL DR
3/11/25 12:49 AM	Shots Fired	500 BLOCK WALLACE AVE	1/30/25 11:28 PM	Raven Shots Fired Alert	600 BLOCK SONOMA BL
3/13/25 8:22 PM	Shots Fired	1300 BLOCK N CAMINO ALTO	1/31/25 12:34 AM	Raven Shots Fired Alert	1100 BLOCK LOUISIANA ST
3/14/25 1:31 AM	Shots Fired	000 BLOCK B ST	1/31/25 12:36 AM	Raven Shots Fired Alert	MARE ISLAND WY/TENNESSEE ST
3/14/25 6:31 PM	Shots Fired	100 BLOCK SAYBROOK WY	1/31/25 4:54 AM	Raven Shots Fired Alert	1200 BLOCK 5TH ST
3/15/25 4:02 AM	Shots Fired	COTTONWOOD DR/DELWOOD AV	1/31/25 9:37 PM	Raven Shots Fired Alert	700 BLOCK TUOLUMNE ST
3/15/25 4:41 PM	Shots Fired	800 BLOCK KENTUCKY ST	1/31/25 10:44 PM	Raven Shots Fired Alert	1300 BLOCK AMADOR ST
3/17/25 10:23 AM	Shots Fired	800 BLOCK KENTUCKY ST	1/31/25 11:03 PM	Raven Shots Fired Alert	300 BLOCK FARRAGUT AV

3/18/25 12:20 PM	Shots Fired	200 BLOCK AVIAN DR
3/18/25 12:32 PM	Shots Fired	200 BLOCK AVIAN DR
3/18/25 3:46 PM	Shots Fired	200 BLOCK COUCH ST
3/18/25 4:27 PM	Shots Fired	1000 BLOCK NAPA ST
3/19/25 3:05 PM	Shots Fired	400 BLOCK MARIN ST
3/20/25 11:39 PM	Shots Fired	100 BLOCK SAYBROOK WY
3/21/25 4:49 PM	Shots Fired	000 BLOCK MULLER ST
3/21/25 6:06 PM	Shots Fired	1100 BLOCK LOUISIANA ST
3/21/25 10:36 PM	Shots Fired	400 BLOCK SAN GABRIEL DR
3/23/25 12:08 AM	Shots Fired	MEADOWS DR/EBBETTS PASS RD
3/23/25 8:05 PM	Shots Fired	300 BLOCK REIS AV
3/23/25 10:37 PM	Shots Fired	300 BLOCK REIS AV
3/24/25 8:05 PM	Shots Fired	100 BLOCK CAROLINA ST
3/24/25 8:05 PM	Shots Fired	200 BLOCK CAROLINA ST
3/25/25 10:28 AM	Shots Fired	BROADWAY ST/SERENO DR
3/25/25 12:57 PM	Shots Fired	500 BLOCK OREGON ST
3/25/25 10:10 PM	Shots Fired	BELVEDERE CT/MEADOWS DR
3/27/25 7:43 PM	Shots Fired	1300 BLOCK N CAMINO ALTO
3/28/25 12:58 AM	Shots Fired	SONOMA BL/LEMON ST
3/28/25 11:08 PM	Shots Fired	COUCH ST/MICHIGAN ST
3/28/25 11:28 PM	Shots Fired	700 BLOCK VERVAIS AV
3/29/25 12:04 AM	Shots Fired	13TH ST/MAYO AV
3/29/25 7:25 AM	Shots Fired	000 BLOCK HERMOSA AV
3/29/25 9:07 AM	Shots Fired	200 BLOCK 13TH ST
3/30/25 3:59 AM	Shots Fired	100 BLOCK GREGORY LN
3/30/25 4:12 AM	Shots Fired	000 BLOCK BURNHAM ST
3/31/25 10:35 AM	Shots Fired	400 BLOCK CORCORAN AVE

Total: 176

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
3/1/25 1:53 AM	Raven Shots Fired Alert	100 BLOCK HASTINGS AV
3/1/25 2:03 PM	Raven Shots Fired Alert	200 BLOCK DIXIE CT
3/2/25 1:08 AM	Raven Shots Fired Alert	200 BLOCK AMELIA ST
3/2/25 7:49 PM	Raven Shots Fired Alert	400 BLOCK 5TH ST
3/2/25 11:56 PM	Raven Shots Fired Alert	700 BLOCK WINCHESTER ST
3/4/25 10:16 PM	Raven Shots Fired Alert	1000 BLOCK MONTEREY ST
3/5/25 10:26 PM	Raven Shots Fired Alert	800 BLOCK WINCHESTER ST
3/6/25 11:31 PM	Raven Shots Fired Alert	400 BLOCK PENNSYLVANIA ST
3/7/25 10:21 AM	Raven Shots Fired Alert	300 BLOCK MIRAVISTA WY
3/7/25 10:56 AM	Raven Shots Fired Alert	100 BLOCK GOLDENROD ST
3/7/25 11:08 AM	Raven Shots Fired Alert	100 BLOCK ARENA CT
3/7/25 11:52 AM	Raven Shots Fired Alert	200 BLOCK HAVITURE WY
3/7/25 2:05 PM	Raven Shots Fired Alert	100 BLOCK KENYON WY
3/7/25 8:59 PM	Raven Shots Fired Alert	200 BLOCK 5TH ST
3/7/25 8:59 PM	Raven Shots Fired Alert	500 BLOCK SAN ANTONIO WY
3/7/25 9:32 PM	Raven Shots Fired Alert	1000 BLOCK ATHERTON ST

3/7/25 11:27 PM	Raven Shots Fired Alert	000 BLOCK REIS AV
3/7/25 11:28 PM	Raven Shots Fired Alert	600 BLOCK CURTOLA PKWY
3/8/25 1:04 AM	Raven Shots Fired Alert	1200 BLOCK GATEWAY DR
3/8/25 5:52 AM	Raven Shots Fired Alert	100 BLOCK NANTUCKET LN
3/8/25 5:38 PM	Raven Shots Fired Alert	700 BLOCK TENNESSEE ST
3/8/25 10:26 PM	Raven Shots Fired Alert	500 BLOCK CHERRY ST
3/9/25 4:30 AM	Raven Shots Fired Alert	600 BLOCK BROADWAY ST
3/9/25 6:24 AM	Raven Shots Fired Alert	100 BLOCK ILLINOIS ST
3/9/25 1:48 PM	Raven Shots Fired Alert	1100 BLOCK ALAMEDA ST
3/9/25 10:02 PM	Raven Shots Fired Alert	1000 BLOCK MONTEREY ST
3/9/25 11:13 PM	Raven Shots Fired Alert	300 BLOCK STANFORD DR
3/9/25 11:18 PM	Raven Shots Fired Alert	1000 BLOCK MONTEREY ST
3/10/25 4:17 AM	Raven Shots Fired Alert	300 BLOCK COLLEGE AV
3/10/25 9:39 PM	Raven Shots Fired Alert	100 BLOCK LINCOLN RD W
3/11/25 12:15 AM	Raven Shots Fired Alert	700 BLOCK SONOMA BL
3/11/25 12:15 AM	Raven Shots Fired Alert	300 BLOCK FARRAGUT AV
3/11/25 2:16 AM	Raven Shots Fired Alert	200 BLOCK BROADWAY ST
3/11/25 11:39 PM	Raven Shots Fired Alert	100 BLOCK OLD WILSON AV
3/12/25 12:21 AM	Raven Shots Fired Alert	100 BLOCK OLD WILSON AV
3/13/25 1:45 AM	Raven Shots Fired Alert	GEORGIA ST/AMADOR ST
3/14/25 12:40 AM	Raven Shots Fired Alert	400 BLOCK HANNIGAN WY
3/14/25 2:19 PM	Raven Shots Fired Alert	300 BLOCK TEXAS ST
3/14/25 11:05 PM	Raven Shots Fired Alert	800 BLOCK NEBRASKA ST
3/15/25 12:02 AM	Raven Shots Fired Alert	2100 BLOCK SACRAMENTO ST
3/15/25 12:56 AM	Raven Shots Fired Alert	1000 BLOCK NEBRASKA ST
3/16/25 12:37 AM	Raven Shots Fired Alert	600 BLOCK ARKANSAS ST
3/16/25 1:28 AM	Raven Shots Fired Alert	300 BLOCK FLORIDA ST
3/16/25 2:12 AM	Raven Shots Fired Alert	1100 BLOCK BROADWAY ST
3/16/25 4:51 AM	Raven Shots Fired Alert	700 BLOCK TUOLUMNE ST
3/17/25 12:49 PM	Raven Shots Fired Alert	900 BLOCK PINE ST
3/18/25 8:26 PM	Raven Shots Fired Alert	200 BLOCK JORDAN ST
3/19/25 5:47 PM	Raven Shots Fired Alert	600 BLOCK SONOMA BL
3/19/25 10:31 PM	Raven Shots Fired Alert	1100 BLOCK SONOMA BL
3/20/25 2:34 AM	Raven Shots Fired Alert	1100 BLOCK BROADWAY ST
3/20/25 1:23 PM	Raven Shots Fired Alert	2400 BLOCK SONOMA BL
3/21/25 1:11 AM	Raven Shots Fired Alert	1000 BLOCK BROADWAY ST
3/21/25 6:30 PM	Raven Shots Fired Alert	1100 BLOCK LOUISIANA ST
3/22/25 12:06 AM	Raven Shots Fired Alert	200 BLOCK COUCH ST

3/22/25 12:10 AM	Raven Shots Fired Alert	100 BLOCK FRISBIE ST
3/22/25 12:50 AM	Raven Shots Fired Alert	100 BLOCK FRISBIE ST
3/22/25 12:50 AM	Raven Shots Fired Alert	100 BLOCK BAYLOR DR
3/22/25 5:05 AM	Raven Shots Fired Alert	400 BLOCK FARRAGUT AV
3/22/25 6:55 PM	Raven Shots Fired Alert	1000 BLOCK LOYOLA WY
3/22/25 8:43 PM	Raven Shots Fired Alert	300 BLOCK PEPPER DR
3/22/25 10:31 PM	Raven Shots Fired Alert	1000 BLOCK ATHERTON ST
3/23/25 12:27 AM	Raven Shots Fired Alert	100 BLOCK LARISSA LN
3/23/25 7:39 AM	Raven Shots Fired Alert	1700 BLOCK MARIN ST
3/23/25 8:34 AM	Raven Shots Fired Alert	800 BLOCK TAPER CT
3/23/25 11:36 PM	Raven Shots Fired Alert	1500 BLOCK MARIN ST
3/24/25 1:19 AM	Raven Shots Fired Alert	600 BLOCK 5TH ST
3/24/25 8:05 PM	Raven Shots Fired Alert	200 BLOCK CAROLINA ST
3/24/25 8:45 PM	Raven Shots Fired Alert	800 BLOCK STELLA ST
3/25/25 4:55 AM	Raven Shots Fired Alert	2500 BLOCK SONOMA BL
3/26/25 12:55 AM	Raven Shots Fired Alert	LAUREL ST/I 780 E
3/27/25 11:33 PM	Raven Shots Fired Alert	1200 BLOCK GATEWAY DR
3/28/25 12:40 AM	Raven Shots Fired Alert	300 BLOCK LOFAS PL
3/29/25 1:49 AM	Raven Shots Fired Alert	100 BLOCK DONEGAL DR
3/29/25 10:31 PM	Raven Shots Fired Alert	1800 BLOCK GRIFFIN DR
3/31/25 11:03 PM	Raven Shots Fired Alert	2400 BLOCK SONOMA BL

Total: 284



DATE: April 28, 2025
TO: Surveillance Advisory Board Chair and Members of the Board
FROM: Jerome Bautista, Police Captain
SUBJECT: **FLOCK RAVEN GUNSHOT DETECTION BETA PROJECT AD-HOC COMMITTEE REPORT**

RECOMMENDATION

The chair to update the board on the RAVEN ad-hoc committee's findings. Information item only. No action needed.

BACKGROUND AND DISCUSSION

The members of the ad-hoc committee can update the board on new information on the RAVEN gunshot detection beta technology.

ATTACHMENTS

None

CONTACT

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