

APPENDIX B: CITY OF SOMERVILLE ANNUAL SURVEILLANCE REPORT

Division or Unit (if applicable):	Somerville Public Schools
Compliance Officer:	Chad Mazza, Assistant Superintendent, Operations
Submitted by:	Richard Melillo, Special Assistant to the Superintendent
Date:	January 12, 2023
Surveillance Technology:	Guardian Indoor Active Shooter Detection System

- 1. A description of how surveillance technology has been used, including whether it captured images, sound, or information regarding members of the public who are not suspected of engaging in unlawful conduct:**

ANSWER: *The Guardian Indoor Active Shooter Detection System is a dual-mode system of sensors; 10 sensors placed strategically throughout Somerville High School that detects gunfire and reports that a gunshot has occurred immediately to all registered members of the notification system. GIASDS detects an acoustic bang and infrared flash of gunfire which eliminates false alerts to other sounds in the environment. GIASDS has no ability to record human voice and the GIASDS installed at SHS has no capability to capture images. The GIASDS device itself is currently active and key staff are receiving notifications via text and email. We are doing final testing of the system to confirm all aspects of the system are working as intended and completing implementation of additional notification methods for Somerville Police Department.*

- 2. Whether and how often data acquired through the use of surveillance technology was shared with local, state and federal, the name of any recipient entity, the type of data disclosed, any legal standard(s) under which the information was disclosed, and the justification for the disclosure:**

Answer: *No information was shared with any other local, state, or federal entity when the system was triggered during the aforementioned incident.*

- 3. A summary of community complaints or concerns about the surveillance technology, if any:**

Answer: *Since its approval by the City Council, Somerville Public Schools has not received any complaints or concerns regarding GIASDS from the community.*

4. **The results of any internal audits, any information about violations of the surveillance use policy, and any actions taken in response other than to the extent that such inclusion would violate the privacy rights of an employee of the city:**

Answer: No incidents have occurred that would violate the privacy rights of City employees or surveillance use policy.

5. **Whether the surveillance technology has been effective at achieving its identified purpose:**

Answer: The purpose of this technology is to detect gunshots. No gunshot events have occurred that are a threat to student safety. It is worth noting, however, that this surveillance technology did go off due to a starter pistol used for practice for an upcoming track meet. On December 2, 2022 at SHS Track practice, held in the Fieldhouse, the varsity track coach, in preparation for an upcoming meet utilized a starter's pistol in practice. The starter's pistol emitted an infra-red flash and a high decibel impulsive sound which triggered the GIASDS sensor system. The system's sensor activated and provided notifications to registered City staff. SPD responded to SHS but were immediately notified that this was not an emergency.

Safety Training was provided to Somerville High School Faculty on 9/1/22 as well as the Athletic Department on 11/16/22, which included updates on SHS technology and the protocols assigned to Lockdown and Secure & Hold. Unfortunately, the staff who discharged the starter's pistol was unable to attend due to a COVID-19 illness. Air horns will be used in the future and Somerville Public Schools will conduct comprehensive training to prevent such instances.

6. **The number of public records requests received by the city seeking documents concerning surveillance technology approved during the previous year:**

Answer: The city has not received any public records requests related to this technology.

7. **An estimate of the total annual costs for the surveillance technology, including personnel and other ongoing costs, and what source(s) of funding will fund the technology in the coming year, if known:**

Answer: Total Cost: \$48,190; UASI Grant: \$45,908.98; District Cost: \$2,281.02; There are no maintenance fees for the first 5 years.

8. **Whether the civil rights and liberties of any communities or groups, including communities of color or other marginalized communities in the city are disproportionately impacted by the deployment of the surveillance technology:**

Answer: The GIASDS Technology does not impact the civil rights and liberties of any communities or groups, including communities of color or other marginalized communities. The GIASDS is simply a dual mode shooter detection system that responds to high decibel sound and infrared muzzle flash; A disclosure of any new agreements made in the past 12 months with non-city entities that may include acquiring, sharing, or otherwise using surveillance technology or the surveillance data it provides:

9. A disclosure of any new agreements made in the past 12 months with non-city entities that may include acquiring, sharing, or otherwise using surveillance technology or the surveillance data it provides:

Answer: There are no new SPS agreements with any non-city entities.