

APPENDIX A: SURVEILLANCE TECHNOLOGY IMPACT REPORT

Department or Division:	Planning and Zoning
Compliance Officer (name and position):	Alan Inacio, Senior Accountant, OSPCD
Submitted by:	Victor Nascimento, Outreach Coordinator for Planning
Date:	05/07/2021
Surveillance Technology:	Video/Photography Drone

X	Please identify the purpose(s) of the proposed surveillance technology. Select ALL that apply by entering "X" in the left column.
	Identifying and preventing threats to persons and property and preventing injury to persons or significant damage to property
	Identifying, apprehending, and prosecuting criminal offenders
	Gathering evidence of violations of any law in criminal, civil, and administrative proceedings
	Providing information to emergency personnel
	Documenting and improving performance of City employees
	Executing financial transactions between the City and any individual engaged in a financial transaction with the City
	Preventing waste, fraud, and abuse of City resources
	Maintaining the safety and security of City employees, students, customers, and City-owned or controlled buildings and property
	Enforcing obligations to the City
	Operating vehicles for City business
	Analyzing and managing service delivery
	Communicating among City employees, with citizens, or with third parties
x	Surveying and gathering feedback from constituents
x	Other (Describe): Gathering images and videos of public spaces to illustrate various planning projects If the surveillance technology is used for a purpose not listed above, does the purpose comply with the surveillance use policy? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

Complete ALL of the following items related to the proposed surveillance technology. Be as specific as possible. If an item is not applicable, enter "N/A." Do NOT leave fields blank.

1. Information describing the surveillance technology and how it works:

The Office of Strategic Planning and Community Development (OSPCD) owns and operates a small drone (Model: DJI Phantom 4 Pro V2.0) with both video and photography recording capability. The drone is used to capture aerial images of public spaces to assist with planning efforts. For example, the drone may be used to capture before and after photos of a public space renovation project.

a. Authorized use – the uses that are authorized, the rules and processes required before that use, and the uses that are prohibited (10.64.b.2):

The drone will be used to capture images of public spaces for planning purposes. Images captured by the drone may be shared with city staff, contractors, and the general public to gather feedback on design plans. It will not be utilized for any type of surveillance of individuals or tracking of individual residents.

b. Training – the training, if any, required for any individual authorized to use the surveillance technology or to access information collected by the surveillance technology, including whether there are training materials (10.64.b.9):

Users require formal training in safe drone flight. We use a vendor called UAV coach for training. In addition, users will receive training as required by the Surveillance Technology Use Policy.

2. Information on the proposed purpose(s) for the surveillance technology (10.64.b.1):

The drone will be used to take zoomed out images and videos of public areas and landscapes for public project information purposes.

3. Information describing the kind of surveillance the surveillance technology is going to conduct and what surveillance data is going to be gathered (10.64.b.3):

The drone will be used to capture videos and images of public areas. The data collected will be the video and image files captured by the drone. Video and image files will be stored in the OSPCD network drive. The drone records flight logs that can only be accessed through the drone itself, and is not sent to third parties.

a. Data access – the individuals who can access or use the collected surveillance data, and the rules and processes required before access or use of the information (10.64.b.4):

OSPCD staff who have access to the network drive will be able to view the images and videos.

b. Data protection – the safeguards that protect information from unauthorized access, including, but not limited to, encryption, access-control, and access-oversight mechanisms; (10.64.b.5)

The OSPCD network drive is limited to department staff and requires staff to be logged in to the city's network environment with a username and password. The City's IT department manages the access control and security

of the network drive.
c. Data retention – the time period, if any, for which information collected by the surveillance technology will be routinely retained, the reason that retention period is appropriate to further the purpose(s), the process by which the information is regularly deleted after that period has elapsed, and the conditions that must be met to retain information beyond that period (10.64.b.6):
Images and videos are intended to be kept indefinitely.
d. Public access – if and how collected surveillance data can be accessed by members of the public, including criminal defendants (10.64.b.7):
Images and videos in the network drive are not publicly accessible. However, the purpose of capturing the images is to assist with planning efforts, so many images will be shared on city websites as part of the planning process.
e. Third-party data-sharing – if and how other city or non-city entities can access or use the surveillance data, including any required justification and legal standard necessary to do so, and any obligation(s) imposed on the recipient of the surveillance data (10.64.b.8):
Images captured by the drone may be shared with city staff, contractors, and the general public to gather feedback on design plans.
4. The location(s) it may be deployed and when:
Any public areas in Somerville, as needed for specific OSPCD projects. We do not fly the drone directly over people or gatherings, and always keep a safe distance from people. People in public spaces may be captured in the images at an angle and from a distance while the drone is flying over an empty area or street.
5. A description of the privacy and anonymity rights affected and a mitigation plan describing how the department’s use of the equipment will be regulated to protect privacy, anonymity, and limit the risk of potential abuse:
Images and videos are taken zoomed out and from sufficient height that if individuals are in the videos and images, they are difficult to identify. Images and videos of individuals in private property will not be recorded.
6. The potential impact(s) on privacy in the city; the potential impact on the civil rights and liberties of any individuals, communities or groups, including, but not limited to, communities of color or other marginalized communities in the city, and a description of whether there is a plan to address the impact(s):
The illustrative and artistic purpose of this image and video collection is in the best interest of the public to assist in illustrating public projects and efforts. Since its purpose is not to track individuals in any capacity or to be utilized in any law enforcement effort there should be no impact to civil rights and liberties.
7. An estimate of the fiscal costs for the surveillance technology, including initial purchase, personnel and other ongoing costs, and any current or potential sources of funding:
Initial purchase was \$1600, batteries and additional chargers were approximately \$300, drone training was \$500.

No additional personnel costs. Future costs would consist of replacements of drone or parts if damaged.

8. An explanation of how the surveillance use policy will apply to this surveillance technology and, if it is not applicable, a technology-specific surveillance use policy:

This technology will be operated, and data collected and accessed, in compliance with the Surveillance Technology Use Policy.

- a. Oversight – the mechanisms to ensure that the surveillance use policy is followed, including, but not limited to, identifying personnel assigned to ensure compliance with the policy, internal record keeping of the use of the technology or access to information collected by the surveillance technology, technical measures to monitor for misuse, any independent person or entity with oversight authority, and the sanctions for violations of the policy (10.64.b.10):

The department will designate a Compliance Officer who will be responsible for ensuring this technology is used in compliance with the Surveillance Technology Use Policy, and that department staff receive the training required by the Policy.