

# Privacy Advisory Commission October 4, 2018 5:00 PM Oakland City Hall Hearing Room 1 1 Frank H. Ogawa Plaza, 1st Floor *Meeting Agenda*

**Commission Members**: **District 1 Representative**: Reem Suleiman, **District 2 Representative**: Chloe Brown, **District 3 Representative**: Brian M. Hofer, **District 4 Representative**: Lou Katz, **District 5 Representative**: Raymundo Jacquez III, **District 6 Representative**: Vacant, **District 7 Representative**: Robert Oliver, **Council At-Large Representative**: Saied R. Karamooz, **Mayoral Representative**: Heather Patterson

Each person wishing to speak on items must fill out a speaker's card. Persons addressing the Privacy Advisory Commission shall state their names and the organization they are representing, if any.

- 1. 5:00pm: Call to Order, determination of quorum
- 2. 5:05pm: Review and approval of September meeting minutes
- 3. 5:10pm: Open Forum
- 4. 5:15pm: Election of vice-chair
- 5:20pm: Surveillance Equipment Ordinance discussion with Director Darlene Flynn Dept. of Race & Equity about measuring and mitigating disparate impact; take action on Surveillance Technology Acquisition Questionnaire (STAQ)
- 6. 5:50pm: Surveillance Equipment Ordinance discussion with staff and take action to adopt sequence of impact analysis and use policy writing for existing equipment
- 7. 6:00pm: Special presentation and Q&A with UC Berkeley Law Professor Catherine Crump: *Carpenter v. United States* (2018)
- 8. 7:00pm: Adjournment



# Privacy Advisory Commission September 6, 2018 5:00 PM Oakland City Hall Hearing Room 1 1 Frank H. Ogawa Plaza, 3rd Floor *Meeting Minutes*

**Commission Members:** District 1 Representative: Reem Suleiman, District 2 Representative: Chloe Brown, District 3 Representative: Brian M. Hofer, District 4 Representative: Lou Katz, District 5 Representative: Raymundo Jacquez III, District 6 Representative: Vacant, District 7 Representative: Robert Oliver, Council At-Large Representative: Saied R. Karamooz, Mayoral Representative: Heather Patterson

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1. 5:00pm: Call to Order, determination of quorum

The meeting was called to order with the announcement of the passing of Member Clint Johnson, representative for District 6. Chairperson Hofer announced the meeting would be closed in his honor.

2. 5:05pm: Review and approval of June and July meeting minutes

The July Minutes were approved unanimously. The June minutes will be included in the October packet for approval.

3. 5:10pm: Open Forum

Michael Katz-Lacabe noted that in the description of Automated License Plate Readers (ALPR) it states that a camera photographs license plates but the systems have cameras that also photograph the vehicle and surrounding area.

4. 5:15pm: Surveillance Equipment Ordinance – staff status update regarding department outreach for survey of existing equipment

The Commission reviewed the lists submitted by staff and discussed what items could be removed and whether to have a separate policy for certain items such as OPDs underwater robot versus land robot or the FLIR cameras that are affixed to a boat versus a helicopter. The PAC decided a separate policy for each would be safest.

Staff will reconfigure the list in order of suggested priority and bring it back in October.

5. 5:20pm: Sanctuary Contracting Ordinance – staff status update regarding review and introduction to Council

Joe DeVries reported that he will be going to the City Council Rules Committee to have this item scheduled when the City Council reconvenes.

6. 5:25pm: Sanctuary "non-cooperation" Ordinance – staff status update on introduction of ordinance to Council.

Joe DeVries reported that he will be going to the City Council Rules Committee to have this item scheduled when the City Council reconvenes.

7. 5: 40pm: Surveillance Equipment Ordinance – Department of Transportation – UAV/Drones.

Review Anticipated Impact Report and take possible action on proposed Use Policy.

Staff were not present to discuss the item so it was postponed.

8. Adjournment

The meeting adjourned at 6:50 with a moment of silence in honor of Clint Johnson.



# Privacy Advisory Commission June 7, 2018 5:00 PM Oakland City Hall Hearing Room 1 1 Frank H. Ogawa Plaza, 3rd Floor *Meeting Minutes*

**Commission Members**: **District 1 Representative**: Reem Suleiman, **District 2 Representative**: Chloe Brown, **District 3 Representative**: Brian M. Hofer, **District 4 Representative**: Lou Katz, **District 5 Representative**: Raymundo Jacquez III, **District 6 Representative**: Clint M. Johnson, **District 7 Representative**: Robert Oliver, **Council At-Large Representative**: Saied R. Karamooz, **Mayoral Representative**: Heather Patterson

Each person wishing to speak on items must fill out a speaker's card. Persons addressing the Privacy Advisory Commission shall state their names and the organization they are representing, if any.

1. 5:00pm: Call to Order, determination of quorum

Members Present: Brown, Hofer, Katz, Jacquez, Oliver, Karamooz, and Patterson.

Members Absent: Suleiman and Johnson.

2. 5:05pm: Review and approval of May meeting minutes

The May Minutes were approved unanimously.

3. 5:10pm: Open Forum

There were no Open Forum Speakers.

4. 5:15pm: Surveillance Equipment Ordinance - Oakland Department of Transportation/Vendor use of UAV/Drones. Review and take possible action on use policy and anticipated impact report.

The PAC reviewed the draft Impact Report as presented by Nicole Farrera from the Department of Transportation. Questions were raised by Member Brown about Thermal Imaging capabilities, the use of mapping software, and high powered surveillance and the potential for voyeurism with high resolution cameras. One note was that the anticipated policy will require two persons to be present during operation to avoid voyeurism. Member Katz noted there are two distinct uses for the proposed drones: DOT Project management and Disaster Mitigation. He also asked about rights and access to the data by the vendor. Ms. Farrera noted that the vendor would not have rights to the data but would need to be granted some access since they would be operating the drones. Member Oliver had questions about the level of accuracy of pinpointing locations and Ms. Farrera noted that some data tracking would be required to ensure the ability to return to the same spot. The PAC agreed to assign an ad hoc committee to work directly with DOT staff on further revisions and bring back the policy at a future meeting.

5. 5:25pm: Illegal Dumping Project – a) staff update on project and District Attorney direct monitoring of video; b) discuss Surveillance Equipment Ordinance compliance next steps.

Greg Minor from the City Administrator's office spoke about the status of the program and clarified that the District Attorney does not have access to a live feed from the cameras. This was a misstatement that had been captured in the media and caused some concern. In fact, a fellow City Administrator staff member checks the feed daily for new cases of illegal dumping and only forwards evidence when one occurs. Chairperson Hofer noted that as per the new ordinance, a draft Impact Statement would need to be brought back to the PAC and that the use would need to also abide by the rules set forth on SB34.

6. 5:30pm: Surveillance Equipment Ordinance – status update regarding department outreach for survey of existing equipment.

Joe DeVries sated that he had briefed all of the City's Department Directors at their most recent staff meeting and was able to give them a sense of what to expect by sharing what other jurisdictions had encountered. He will be drafting an Administrative Instruction for the implementation of the ordinance which is a way to ensure there is an internal guideline regardless of changes in the administration or staffing. Some department heads raised concerns about what technology would need to be captured and asked for a timeline. He suggested they look at the technologies considered by other jurisdictions and think about what is already in use in their departments. He expects to ask for a full list within 45-60 days and that they should add anything that might fall under the ordinance to allow the PAC to make the determination as to whether the technology needs review. One Director asked about surveillance cameras inside their building and it was clarified that there would be an overarching policy that would cover all security cameras—not an individual policy by site or department. The Director of Race and Equity voiced concern that Equity be considered and noted the current language in the ordinance under reporting requirements speaks to this issue. She is looking forward to working with the PAC to see that the reporting metrics capture this.

7. 5:45pm: Drug Enforcement Administration Memorandum Of Understanding - review and take possible action on staff proposed MOU.

Chairperson Hofer reviewed the background that led to the PAC review of these MOUs and Captain Roland Holmgren and Tim Birch from OPD presented the MOU received feedback. Mr. Birch articulated that it is important to the department that the public understand that they do require their officers to abide by OPD policy when part of a task force (as opposed to a public misperception that they do not). Member Karamooz asked if section 3 that requires OPD members to abide by OPD policy could also be included in section 5, requiring DEA members to also abide by OPD Policy. Member Oliver noted the purpose of these agreements is because OPD knows the local landscape and this can lead to more effective policing. Member Jacquez asked about cannabis policy and whether state or federal law would be followed since there is an inherent conflict between the two. Mr. Birch noted that there may be challenges in aligning these two organizational policies but that he would certainly ask the DEA about these items and return in July with the DEA responses.

8. 5:55pm: Surveillance Equipment Ordinance - "Large Scale Event" - discuss potential monitoring of Warriors championship parade.

Captain Holmgren presented two components of the plan that OPD is developing in preparation for a (potential) Warriors Parade. First, OPD intends to have a contractor use a device that detects drones so that OPD can intervene with the drone operator to avoid the potential for a drone attack or drones being used in a way that jeopardizes public safety. Second, OPD intends to place pole cameras along the parade route that have pan/tilt/zoom capabilities. The cameras are being provided by the Northern California Regional Intelligence Center (NCRIC). OPD understand that the Surveillance Technology Ordinance requires an after-the-fact report which they will provide in July but felt it would be helpful to present ahead of time.

9. 6:25pm: Surveillance Equipment Ordinance – Oakland Department of Transportation/Automated license plate reader proposal. Review and take possible action on use policy and anticipated impact report.

Michael Ford with the Department of Transportation presented the draft Impact Report and noted that the work done by Member Brown to provide meaningful edits was very helpful. Member Brown noted a need to site what the City currently collects in regard at ALPRs to track the size of increase in data collection upon using these new devices. Acknowledging more work to be done, the item will be brought back in either July or September.

10. 7:00pm: Adjournment

## OPD Surveillance Technologies with Priority List for Review by Oakland Privacy Advisory Commission (PAC)

ltem	Description	OPD Policy?	Impact Use Stmnt to PAC?	Priority for bringing to PAC	Estimated Date - Impact Stmt and Policy to PAC
Automated License Plate Recognition (ALPR)	Cameras photograph all seen license plates and use optical recognition software to structure text of license, and populate into license database for tracking.	no	no	2	Dec-18
Body Worn Camera (BWC)	Officer BWC manually used to record videos. Officers use docking system to upload to city- maintained server system, w/ plans to upgrade to cloud-storage system.	no	no	3	Jan-19
Cell Site Simulator	Machine to mimic cell phone tower signals and determine location of cell phones with predetermined identifiers for specific cell phones or in rescue mode to locate cell phones with unknown identifiers.	pre- Surveillance Technology ordinance	no	1	Nov-18
Cellphone Data Extraction Equipment	Technology is used to manually download data from seized cell phones.	no	no	10	Aug-19
	Thermal and video camera in boat	no	no	5	Mar-19
FLIR Camera / Helicopter	Thermal and video camera in helicopter.	no	no	5	Mar-19
FLIR Camera / Portable Observation Tower	Thermal and video camera in portable manned observation tower.	no	no	5	Mar-19
GPS Tracker	Technology is used to track vehicles in relation to an investigation.	no	no	6	Apr-19

Gunshot Locater Technology	OPD uses gunshot locater technology (ShotSpotter) to determine time and place as well as other data concerning gunshots.	no	no	4	Feb-19
Hostage Negotiation Throw Phone	The phone that OPD uses to throw into structures with hostage takers include communication capabilities.	no	no	12	Oct-19
IP Addresses of live- streamed privately- owned video cameras voluntarily provided by business owners	Business owners voluntarily provide IP addresses of private video cameras to OPD personnel.	no	no	9	Jul-19
Pole-mounted Video Camera	Video camera on a pole that can be moved to different locations and powered by utility. Reviewed remotely.	no	no	8	Jun-19
Remote Audio Telecommunications Monitoring	Technology is used to monitor private phone calls.	no	no	11	Sep-19
Robot (Land)	The OPD (land) robot for critical incident use includes remote access video capability, to the operator.	no	no	13	Nov-19
Robot (Water)	The OPD aquatic robot includes remote access video capability to the operator via cabled connection.	no	no	13	Nov-19
Thermal Imaging /VIDEO ATTIC Camera	Thermal and Infrared camera on mobile pole	no	no	12	Oct-19
Unmanned Aerial Devices (UAV)*	Remote operated aerial device to which video cameras can be mounted	no	no	7	May-19
* = recently added to list					

# City of Oakland (Non-OPD) Existing Surveillance Technologies for Review by Oakland Privacy Advisory Commission (PAC)

ltem	Description	Departm ent	Impact Use Stmnt to PAC?	Priority for bringin g to PAC	Estimate d Date - Impact Stmt and Policy to PAC
Vehicle-Mounted License Plate Recognition (ALPR)	ALPR will be used by Parking Enforcement for (1) enforcing time- and meter or permit violations and (2) parking management. The former use is subject to existing evidence requirements for citations; the latter aims to produce occupancy and turn-over data that does not require identifiable information. Staff have drafted Use Policy and Impact Analysis and is working with the PAC to secure its support.	DOT	Draft submitted	1	November , 2018
CCTV at City of Oakland Building Facilities	Cameras are used to monitor public spaces by security guards and recordings are kept for at least 30 days after which recording is overwritten. In case of incident event (criminal activity, accident/misc. incident) recordings are kept for longer period of time. In some instances copy of the recording is given to police as part of their investigation.	Public Works and DOT	no	2	
Illegal Dumping Surveillance Cameras and ALPR	Pilot program of 4 surveillance systems placed in illegal dumping hot spots	CAO	no	3	
Smart Parking Network	Sensor-based smart parking system designed to deliver mobile phone app parking availability to consumers and parking management reports to DOT. In February 2017, DOT secured support of PAC before going to Council and passing Resolution 86581 CMS in support of this project	DOT	no	4	

#### **Document Overview**

The primary purpose of this document is to create a framework for collecting the information necessary to make an informed recommendation regarding contemplated surveillance technology equipment and their use. In addition, this document is intended to instill consistency, objectivity, and transparency in the assessment process. It is expected that this framework will be augmented and improved with each evaluation of surveillance technology by the Privacy Advisory Commission (PAC).

Pursuant to the Surveillance Equipment Ordinance, a City entity or department seeking approval of such equipment acquisition or use shall complete this Surveillance Technology Assessment Questionnaire (STAQ), and incorporate the information into the required Surveillance Impact Report (SIR) pertaining to the acquisition or use. All categories may not be applicable to every technology. The table below provides a cross reference between the SIR and STAQ to facilitate completion of the SIR by the City entities.

SIR Section	STAQ Section
a. Description	1. Technology Solution Overview
b. Purpose	1. Technology Solution Overview
c. Location	4. Location(s) of Deployment and Data Storage
d. Impact	5. Protecting Civil Rights and Liberties
e. Data Sources	2. Surveillance Technology Detail
f. Data Security	3. Authorized Users
g. Fiscal Cost	6. Initial and On-going Costs of Technology
h. Third Party Dependence	2. Surveillance Technology Detail
i. Alternatives	1. Technology Solution Overview
j. Track Record	1. Technology Solution Overview

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#### Initial Information

Name of Respondent: Agency: Role / Position:

Name of Technology: Vendor: Model:

#### Experience:

- 1. How many previous surveillance questionnaires have you completed?
- 2. What prior training have you attended for completing this questionnaire or similar surveillance impact assessments?
- 3. Who did you consult in order to complete this questionnaire? Please list their name, stated field of expertise, and professional affiliation.
- 4. What prior expertise or knowledge of this technology did you have before completing this questionnaire?
- 4-5. What data have you reviewed about the racial equity of impacts of deployment in other jurisdictions? What were the key findings in that data?

5.6. What are other names, acronyms, nicknames, or brand names for this technology

Please attach a brief diagram of the system showing its major components that collect, process, and store, and share information and how information would be transmitted between those components.

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#### Questionnaire

Question		Question Response [Instructions]		
1				
1.1	What is the function of the technology as described by the manufacturer?	[Consult vendor materials or other reputable sources. Be specific about the type of surveillance functions (e.g., collection, processing, dissemination) and the type of data collected (e.g., biometric).]		
1.2	What is the specific problem this equipment or use will resolve?	[Explain the agency's argument for procuring the technology. Indicators of success should be SMART: Specific, Measurable, Attainable, Relevant, and Time-based. Example: "Success seen as X% reduction in shootings per month."]		
1.3	How will success be measured?			
1.4	What other communities have achieved success, as defined in 1.3, using this technology? If none, describe why this technology could achieve success.			

**Commented [FD1]:** Add: Who will be better off? How will you know? Will there be unintended harm? Who will be harmed?

3

	Question	Resp	onse	Supporting Documentation
1.5	What non-surveillance alternatives were considered? If no alternatives were considered, how might success be achieved by non- surveillance measures?			
1.6	Why were the non- surveillance alternatives not pursued?			
1.7	What are other names, acronyms, nicknames, or brand names for this technology?			
2		What: Surveillance Tec	hnology Detail	
2.1	What equipment capabilities do you intend to use?	Data Collection Data Processing Data Storage Data Sharing Other	Capabilities	
2.2	capabilities are possible? If unknown, please indicate as such.	Data Collection Data Processing Data Storage Data Sharing Other	Capabilities	
2.3	What safeguards will be implemented to ensure that unauthorized capabilities or uses will not be implemented?			

9/24/2018

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City of Oakland
Privacy Advisory Commission
Surveillance Technology Assessment Questionnaire (STAQ)

	Jui veillance rec				
2.4	What information can the				
	technology capture		Individual	Group	Other
	and/or use?	Biographic or	maividual	Group	other
		Identifying Data			
		(Name, DOB,			
		Address, Phone			
		number)			
		Sensory (Audio,			
		Visual,			
		Olfactory,			
		Thermal,			
		Biometric)			
		Other			
		electronic			
		signatures (ex.			
		Cellphone			
		signal)			
		Location			
		Other			
2.5	What information can the				1
	technology store or could				1
	be stored as result of the		Individual	Group	Other
	technology's	Biographic or			
	use?	Identifying Data			
		(Name, DOB,			
		Address, Phone			
		number)			
		Sensory (Audio,			
		Visual,			
		Olfactory, Thermal,			
		Biometric) Other			-
		electronic			
		signatures (ex.			
		Cellphone			
		signal)			
		Location			
		Other			
2.6	How long will information		1	l.	1
2.6	be retained? Provide a				
	concrete number for each				
	information type.				
	in ormation type.				
	1	1			

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	Privacy Advisory Commission						
	Surveillance Tec	hnology Ass	essment Qu	estionnaire	(STAQ)		
2.7	Will data be gathered by, stored by, or shared with a third party? If so, why? Will this be on an ongoing basis?				Reference city, state, and/or federal policy if applicable.		
2.8	How will YOU, the requesting agency or city, ensure that data is not retained for longer than allowed?						
3		Who: A	Authorized Users				
3.1	Who is authorized to access the technology? How many users would be authorized?	: Type of Authorized User	Estimated Number of Users	Criteria to Receive Authorization			
	What criteria must users meet to be authorized?	(ex. PD Patrol Officers)	(ex. 1000)	(ex. Sworn Officer, Annual Training on System)			
3.2	How do you ensure only authorized users can use the technology?						
	How does the system authenticate users, i.e. Which security protocols are implemented such as multi-factor authentication?						
3.4	How will compliance with access						

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## City of Oakland Privacy Advisory Commission

	Question	Response	Supporting Documentation
	policies be monitored? How often will audits be conducted?		
4	Whe	re: Location(s) of deployment and data storage	
4.1	Where will the technology be deployed within the community? For information processing systems, which locations within the community will be included in the used information?	Location to be   Monitored   City-wide   Specific Areas   of Concern   (name)   Installation   Type   Static   Mobile	
4.2	What is the process or criteria used to select the locations in 4.1 above?		
4.3	Please provide data or statistical evidence showing that the problem addressed by this technology exists at these specific locations identified in 4.3.		
4.4	Where will the information be stored (on-site, remote, cloud)? If remote or cloud, please indicate the provider and administrator of the remote storage.		

	P	rivacy Adv	visory Co	ommissi	ion	
	Surveillance Tec	hnology A	ssessm	ent Que	stionnaire	(STAQ)
4.5	What are the safeguards to ensure security of stored information? How will those controls be monitored to ensure effectiveness? How often will audits be conducted?					
4.6	What are the safeguards to ensure security of information during transmission? How will those controls be monitored to ensure effectiveness? How often will audits be conducted?					
5		How: Protect	ing Civil Ri	ghts and Lik	perties	T
5.1		Risk: Race	Collect	Process	Storage	-
	Could the technology collect, process, or store information related to race, citizenship status, gender, age,	Citizenship Status Gender Age Socio-				-
	socioeconomic level, reproductive choices, or sexual orientation?	Economic Level Sexual Orientation				-
		Safeguards (a	s applicable	e):		
		Race	Collect	Process	Storage	
	If so, what safeguards are in place to limit such collection?	Citizenship Status				
		Gender Age Socio-				-
		Economic Level				
		Sexual Orientation				

## City of Oakland Privacy Advisory Commission

		Potential Problem	Reason Why or Why Not or <i>Unknown</i>	Safeguard to Prevent Negative Impact
		Power Imbalance: Acquisition of personal information that creates an inappropriate power imbalance, or takes unfair advantage of or abuses a power imbalance between acquirer and the individual.		
5.3	Could the technology be used to collect, store, or process information regarding groups, public gatherings, or crowds and thus have an effect on First Amendment activities such as protests? If so, what safeguards are in place to limit this?			

1

Question		Response			Supporting Documentation		
5.4	Does the technology						
	collect, use, or retain	Criminal Justice	Reason				
	information about	Interaction Category					
	individuals	Individuals not					
	in the following stages of	suspected of					
	criminal justice system:	wrongdoing					
		(note: might want to					
		define wrongdoing)					
		Individuals suspected					
		but not charged with					
		an offense					
		Individuals charged					
		with but not convicted					
		of any offense					
		Individuals convicted of					
		previous offenses but					
		not currently					
		incarcerated					
		Individuals convicted of					
		previous offenses					
		and currently					
		incarcerated					
6	How Much: Initial and On-going Costs of Technology						
6.1	What are the initial costs,		0				
	including acquisition,	Initial Requirements	Quantity	Cost (Actual			
	infrastructure upgrades,	•	Needed	or Estimate)			
	licensing, software,	Devices or Software		-,			
	training, and hiring of	Licenses					
	personnel?	Infrastructure					
		Upgrades					
		Additional Personnel					
		to be Hired					
		Personnel to be					
		trained					
				1			

1

6.2	What are the ongoing				
0.2	costs, including measures	Initial Requirements	Frequency	Cost (Actual	
	to secure data and data storage?	Devices Maintenance & Service Technical Support Software Upgrades Data Storage Fees Data Access Fees Recurring Training Other (list type)	Needed	or Estimate)	
6.3	What are the actual or				
	potential funding sources for the proposed acquisition or use?				
6.4	Are there other tools capable of furthering the identified purpose that the community may wish to spend these funds on (e.g., community-based policing, improved lighting)?				
6.5	To achieve success, what other tools would be considered for future procurement in addition to this technology?				

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