

From: Poling, Jeanie (CPC) <jeanie.poling@sfgov.org>
Sent: Monday, December 23, 2019 10:57 AM
To: Balboa Reservoir Compliance (ECN) <balboareservoircompliance.ecn@sfgov.org>
Subject: FW: Air Quality Sensors
Attach: AQ Sensor Arkansas St.JPG

From: Wietgreffe, Wade (CPC) <wade.wietgreffe@sfgov.org>
Sent: Monday, December 23, 2019 8:07 AM
To: Susan Yogi <SYogi@esassoc.com>
Cc: Poling, Jeanie (CPC) <jeanie.poling@sfgov.org>; Hong, Seung Yen (CPC) <seungyen.hong@sfgov.org>; Brian Schuster <bschuster@esassoc.com>
Subject: FW: Air Quality Sensors

Hi Susan,
Please see below links regarding consumer air quality sensors. It will be interesting to hear the sponsor's response to our inquiry regarding the sensors they mentioned and Brian's thoughts on the reliability of such sensors.
Sincerely,

Wade Wietgreffe, AICP, Principal Planner
Direct: 415.575.9050

From: Pollak, Josh (CPC) <josh.pollak@sfgov.org>
Sent: Monday, December 10, 2018 11:03 AM
Subject: RE: Air Quality Sensors

Thanks Wade, this is really interesting.

And on the flip side of the consumer AQ sensors, there is only one "official" (i.e. EPA-approved and used by the Air District) air quality sensor in San Francisco, and it's on top of a building at 10 Arkansas Street, which you can see on Google Street view (screenshot attached).

Here's a link to the official data from that AQ sensor: <https://aqicn.org/city/california/san-francisco/san-francisco-arkansas-street/>

During the fires, it was interesting to compare data from the official one to the network that purple air used, which pulls from a bunch of consumer devices. Some of them seemed close to the readings at the official one, and some were way off.

Josh Pollak, AICP
Senior Environmental Planner

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[San Francisco Property Information Map](#)
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From: Wietgreffe, Wade (CPC)
Sent: Monday, December 10, 2018 8:48 AM
Subject: Air Quality Sensors

Good morning,

During the recent unhealthy air quality index days, I heard a few conversations around the office regarding people's indoor air quality. See following blog regarding reliability of consumer air quality sensors:

<https://molekule.com/blog/consumer-grade-air-quality-sensors-are-they-good-enough/>

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