

GLASSBORO PUBLIC SCHOOLS
GLASSBORO, NEW JERSEY

TO: Dr. Mark Silverstein

FROM: Scott Henry

DATE: September 5, 2018

RE: Status Update – Carbon Monoxide Detectors

In response to the carbon monoxide (CO) release at the Glassboro Intermediate School, the board of education passed a resolution (attached) requiring the installation of CO detectors in each building having fossil fuel burning devices.

During the Summer of 2017 battery operated CO detectors were installed in each space with a fossil fuel burning device; every room adjacent to the room containing the fuel burning device, in the immediate vicinity of any ventilated shaft on the story containing the fuel burning appliance, in the area first served by each main duct leaving the area where the appliance is located and any story within two stories above or below a story containing a fuel burning device.

The installed units are powered by a 10 year lithium ion battery.

The board of education has requested the CO detectors to be hard wired into existing fire protection systems even though this is not required. During referendum work, we asked our architect and engineer to provide an estimate for this modification to our existing systems.

CO detectors wired to our existing fire alarm panels will not sound an alarm if an elevated level of CO is detected. Instead, the alarm panel will be put into 'trouble' mode and a custodian or other staff member would need to physically go to the alarm panel and read which CO unit is activated. The standalone battery units currently installed will sound an alarm.

In order to modify the existing systems, we will need to engage an engineer and prepare specifications and solicit bids.

