

## Cooley, James

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**From:** Hoffman, Kathy <KHoffman@sterigenics.com>  
**Sent:** Thursday, September 5, 2019 2:59 PM  
**To:** Cooley, James  
**Cc:** Wagner, Kevin  
**Subject:** Requested Info - Leak Estimates

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Jim:

As requested, following is a description on how we estimate EO quantity from some of the small leaks or releases at our Atlanta facility:

Whenever there is an actual EO leak in a facility we immediately perform an estimate of the leaked amount. The estimate is typically based on readings from our monitoring devices and other known factors from equipment in the process. If a monitoring device detected a leak, we can estimate the amount based on the reading, duration and affected size of the area. We also use handheld devices to measure EO concentrations during the investigations.

If the leak came from an EO drum, we often will know the leak amount based on the scale weights and plant records, and when necessary we can simply reweight the drum on a scale to determine the amount leaked.

If any of the estimates indicate an amount greater than one pound, we typically will involve our engineering group to use additional methods to determine the exact amount. In any case, if the estimated amount cannot be determined or is suspected of exceeding reporting quantities, we will notify agencies as required.

As I mentioned yesterday, I will be out of the office the next week. I will be checking emails and phone messages but may not be immediately available to provide any further details to this investigation. I am copying Kevin Wagner on this email. If you could copy him on any further requests or questions, he will be able to assist with the response.

Regards,  
Kathy

### Kathleen Hoffman

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