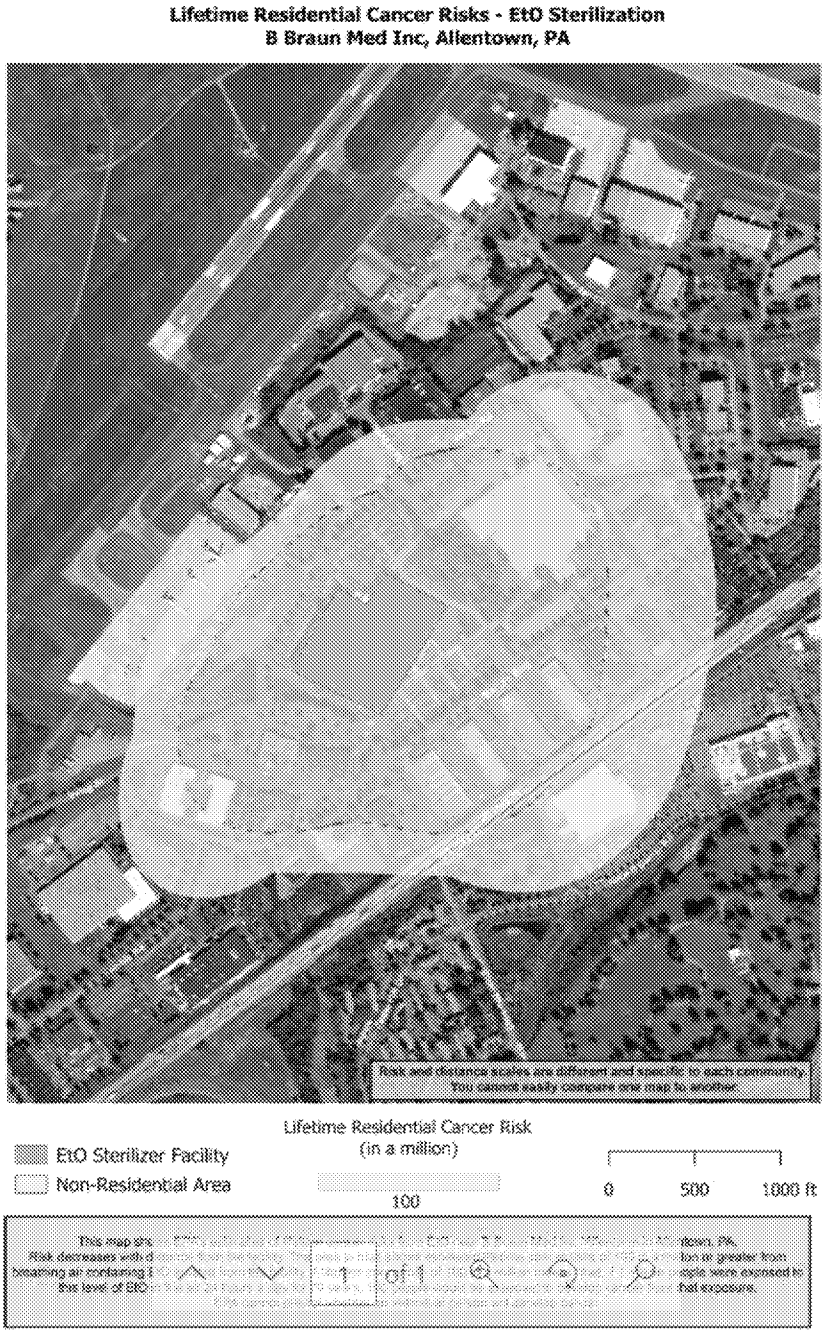
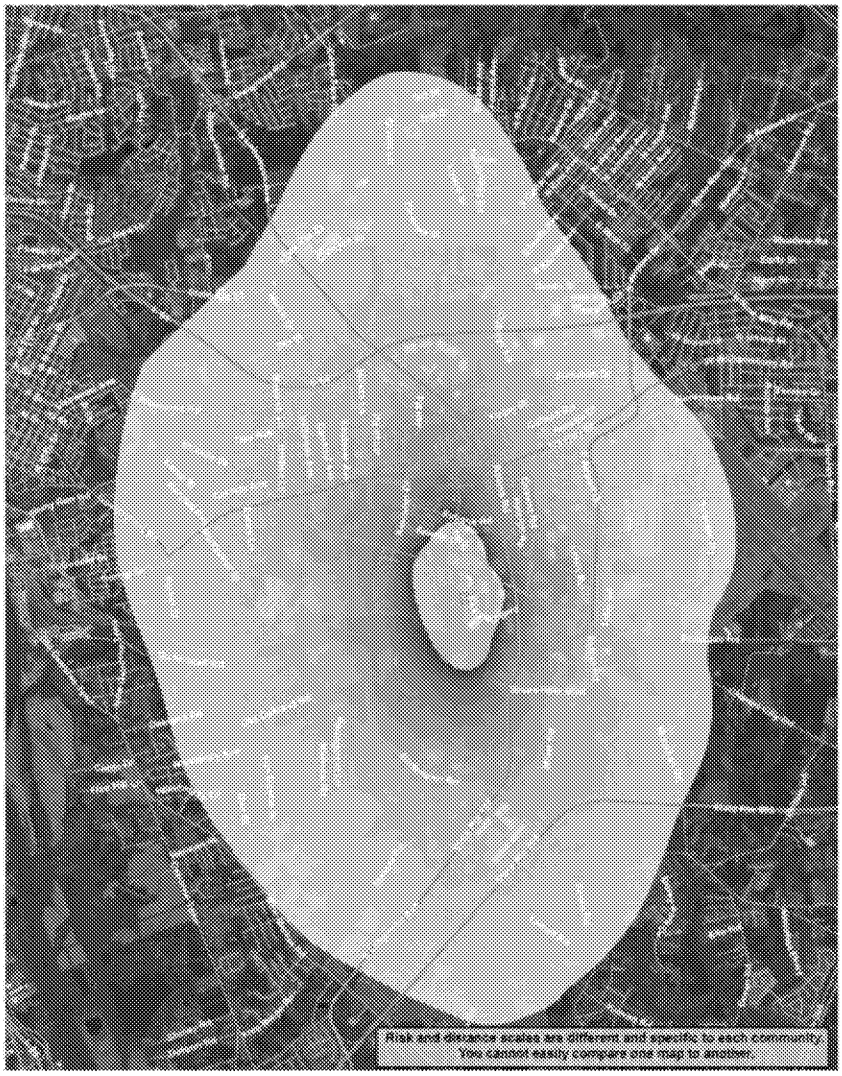


[HYPERLINK "https://usepa.sharepoint.com/sites/EtOCoordination/Shared%20Documents/Outreach%20Materials/Region%203/Richmond,%20VA/Richmond,%20VA.jpg"]

Lifetime Residential Cancer Risks - EtO Sterilization
Sterilization Services of Virginia, Richmond, VA



EtO Sterilizer Facility
Non-Residential Area

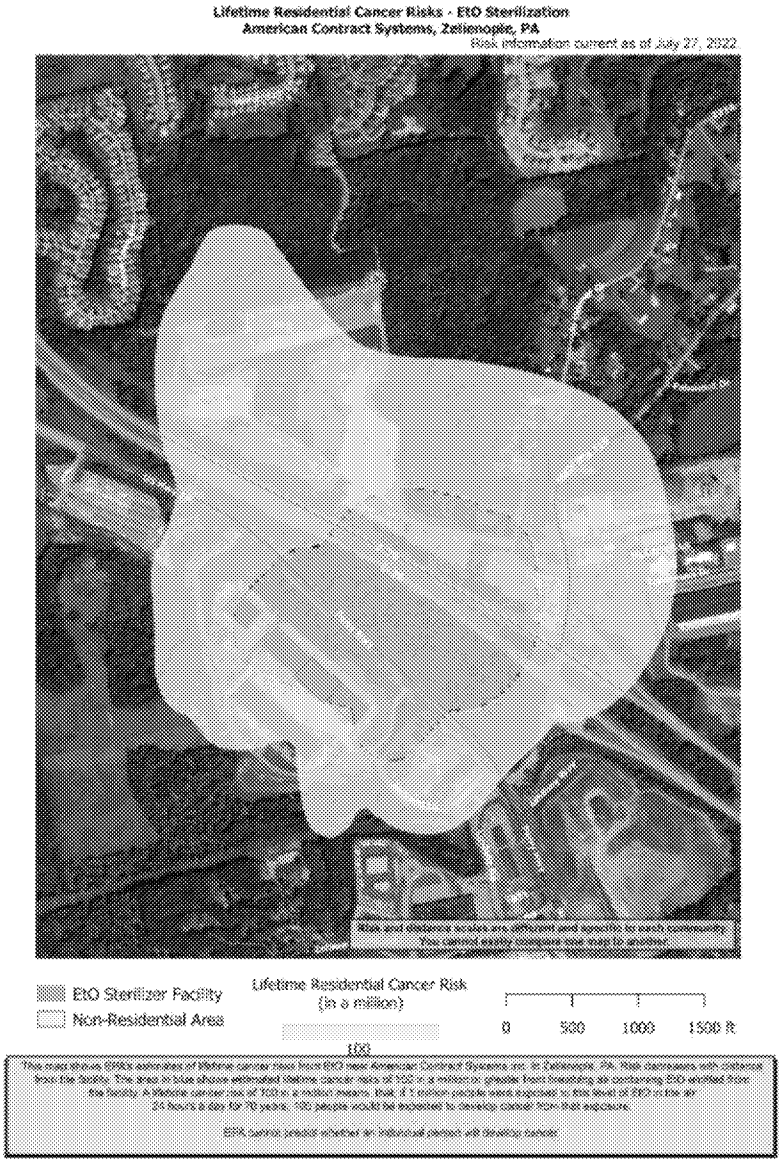
Lifetime Residential Cancer Risk
(in a million)
100 1000

0 0.5 1 1.5 2 mi

This map shows EPA's estimates of lifetime cancer risks from EtO near Sterilization Services of Virginia in Richmond, VA.
Risk decreases with distance from the facility. The area in blue shows estimated lifetime cancer risks of 100 in a million or greater from breathing air containing EtO emitted from the facility. A lifetime cancer risk of 100 in a million means, that, if 1 million people were exposed to this level of EtO in the air 24 hours a day for 70 years, 100 people would be expected to develop cancer from that exposure.

The area in dark blue on the map shows that EtO exposure could contribute to a maximum increased risk level of 10 cancer cases if 10,000 people were exposed for 70 years. EPA cannot predict whether an individual person will develop cancer.

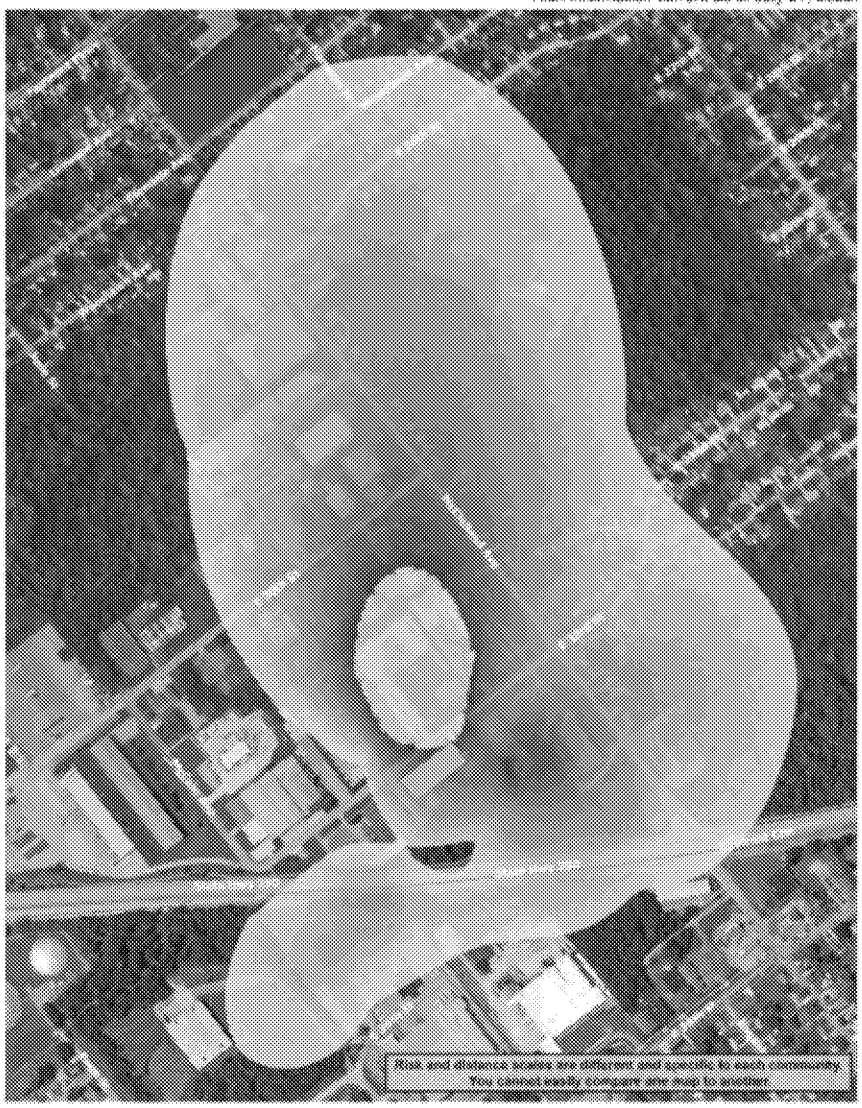
[HYPERLINK "https://usepa.sharepoint.com/sites/EtOCoordination/Shared%20Documents/Outreach%20Materials/Region%203/Zelienople,%20PA/Zelienople,%20PA.png"]



[HYPERLINK "https://usepa.sharepoint.com/sites/EtOCoordination/Shared%20Documents/Outreach%20Materials/Region%203/Erie,%20PA/Erie,%20PA.png"]

Lifetime Residential Cancer Risks - EtO Sterilization
Cosmed, Erie, PA

Risk information current as of July 27, 2022.



EtO Sterilizer Facility
Non-Residential Area

Lifetime Residential Cancer Risk
(in a million)
100 300

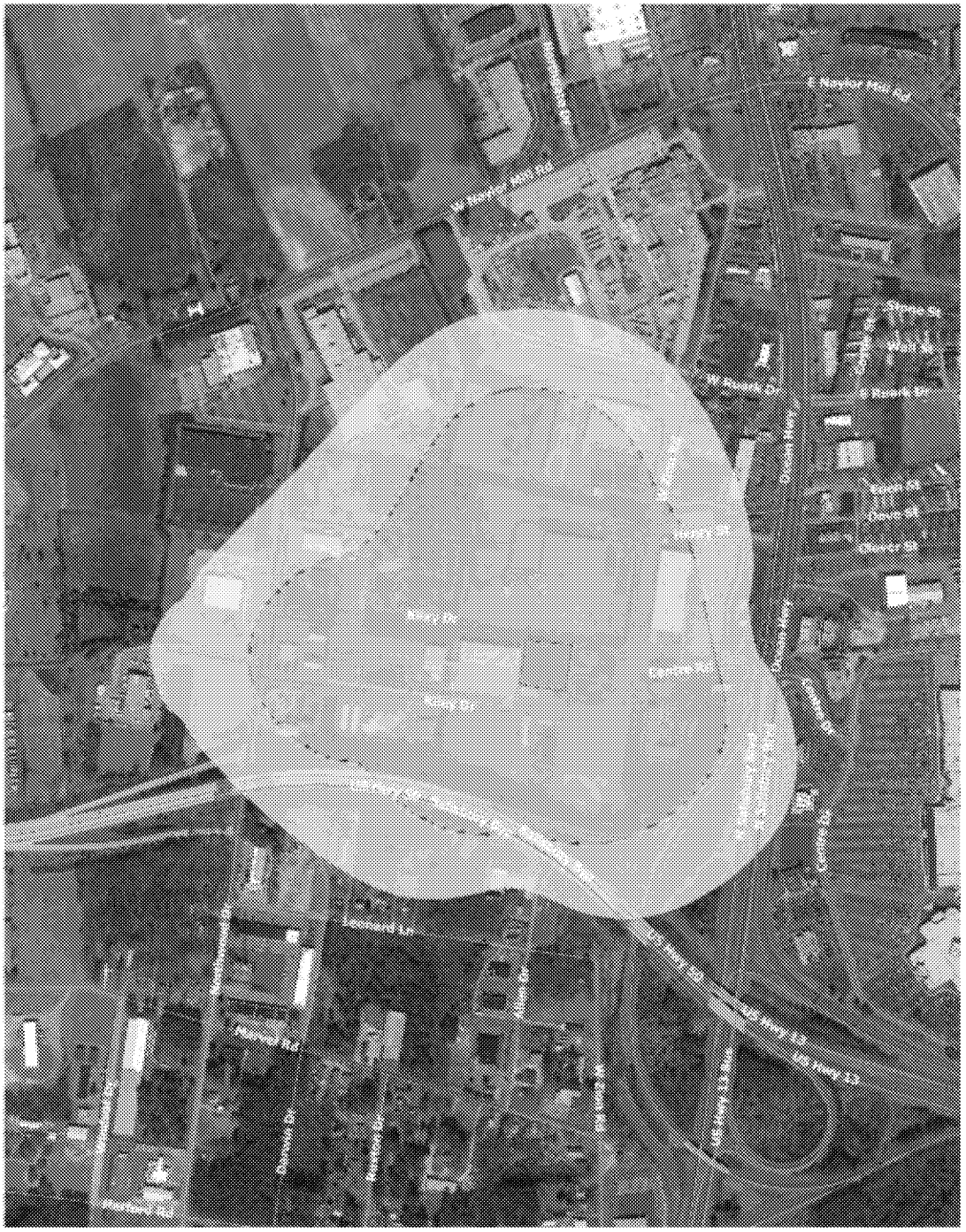
0 200 400 600 800 1000 ft

This map shows EPA's estimates of lifetime cancer risks from EtO near Cosmed Group LLC/Erie in Erie, PA. Risk decreases with distance from the facility. The area in blue shows estimated lifetime cancer risks of 100 in a million or greater from breathing air containing EtO emitted from the facility. A lifetime cancer risk of 100 in a million means that if 1 million people were exposed to this level of EtO in the air 24 hours a day for 70 years, 100 people would be expected to develop cancer from that exposure.

The area in dark blue on the map shows that EtO exposure could contribute to a maximum increased risk level of 3 cancer cases if 10,000 people were exposed for 70 years. EPA cannot predict whether an individual person will develop cancer.

[HYPERLINK "https://usepa.sharepoint.com/sites/EtOCoordination/Shared%20Documents/Outreach%20Materials/Region%203/Salisbury,%20MD/Salisbury,%20MD.png"]

Lifetime Residential Cancer Risks - EtO Sterilization
Trinity Sterile, Salisbury, MD



EtO Sterilizer Facility

Non-Residential Area

Lifetime Residential Cancer Risk
(in a million)

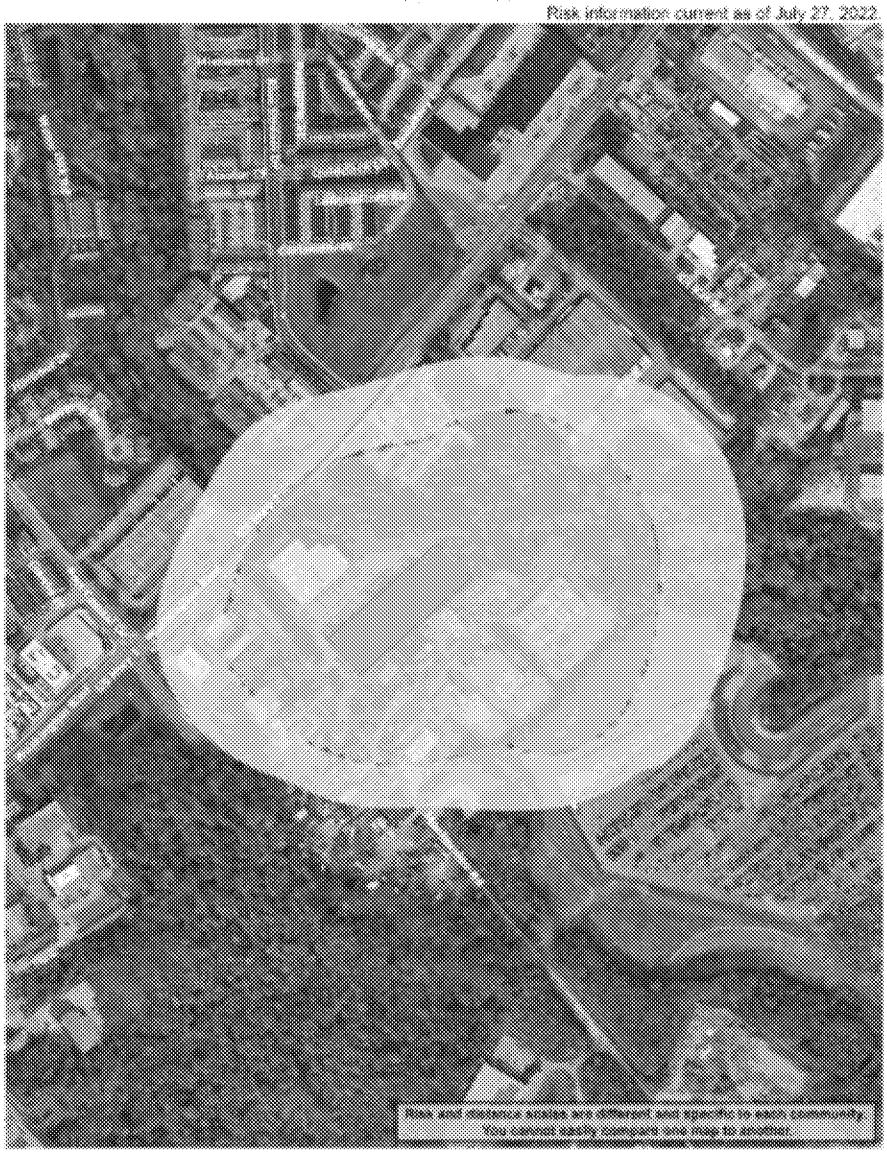
100

0 250 500 750 1000 ft

[HYPERLINK "https://usepa.sharepoint.com/sites/EtOCoordination/Shared%20Documents/Outreach%20Materials/Region%203/Jessup,%20MD/Jessup,%20MD.png"]

Lifetime Residential Cancer Risks - EtO Sterilization
Elite Spice, Jessup, MD

Risk information current as of July 27, 2022



Risk and distance scales are different and specific to each community. You cannot easily compare one map to another.

EtO Sterilizer Facility

Non-Residential Area

Lifetime Residential Cancer Risk (in a million)

100

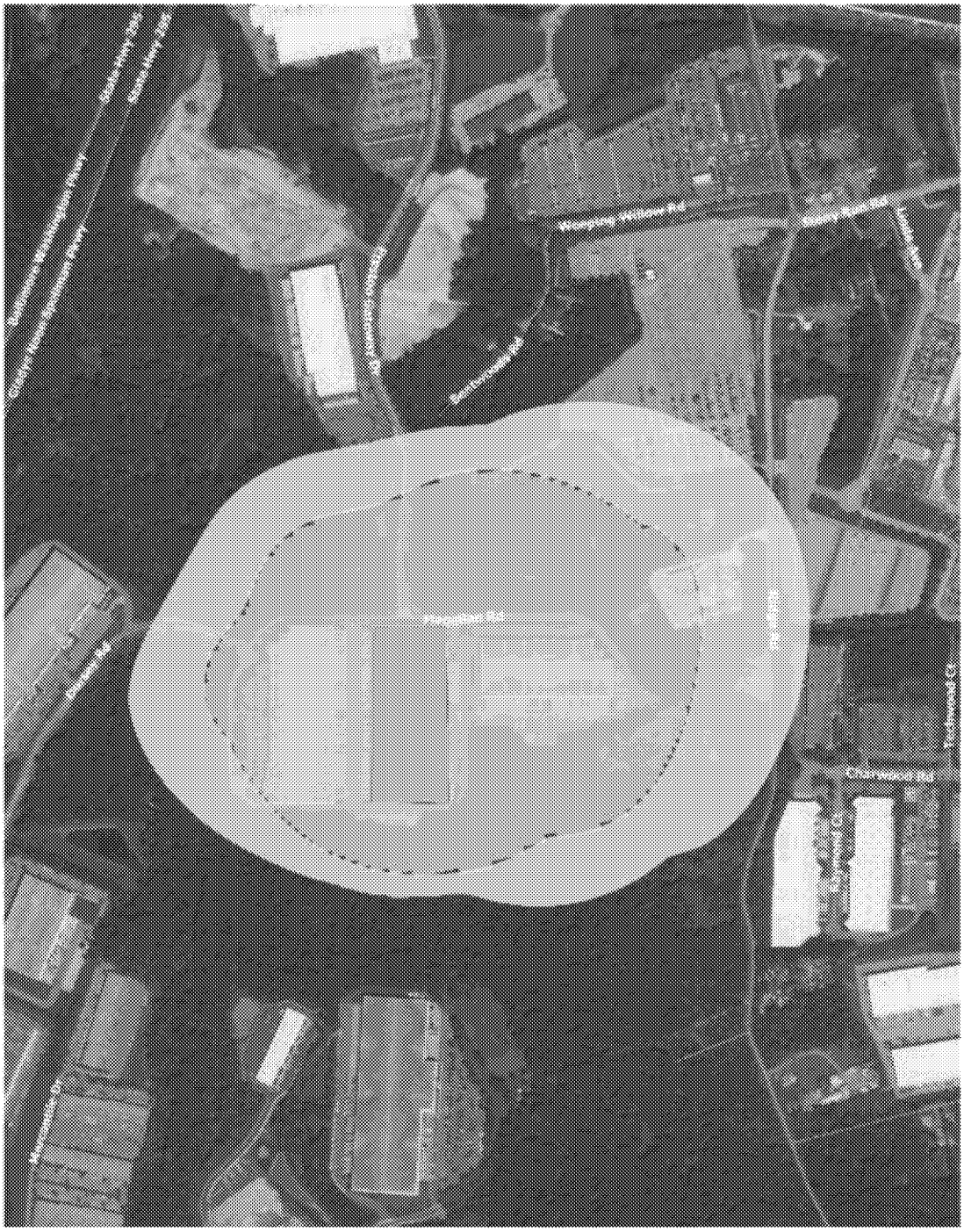
0 250 500 750 1000 ft

The map shows EPA's estimates of lifetime cancer risks from EtO near Cosmed Group LLC/Line a Line Pk. Risk decreases with distance from the facility. The area in blue shows estimated lifetime cancer risks of 100 in a million or greater from breathing air containing EtO emitted from the facility. A lifetime cancer risk of 100 in a million means that if 1 million people were exposed to this level of EtO in the air 24 hours a day for 70 years, 100 people would be expected to develop cancer from that exposure.

EPA cannot predict whether an individual person will develop cancer.

[HYPERLINK "https://usepa.sharepoint.com/sites/EtOCoordination/Shared%20Documents/Outreach%20Materials/Region%203/Hanover,%20MD/Hanover,%20MD.png"]

Lifetime Residential Cancer Risks - EtO Sterilization
Elite Spice, Hanover, MD



EtO Sterilizer Facility

Non-Residential Area

Lifetime Residential Cancer Risk
(in a million)

100

0 250 500 750 1000 ft

Fairmont Pl