



# INTEGRATED AIR SAMPLES

<b>Client Name:</b> Village of Gurnee	<b>Site Location:</b> Village of Gurnee, IL
<b>Project Number:</b> 11197130	<b>Project Name:</b> Village of Gurnee Ethylene Oxide Risk

<b>Sample ID</b> Air-11197130-12/1/2019-M5-13	<b>Date:</b> 12/1/2019	<b>Time:</b> 9:51:09 AM	<b>Coordinates:</b> 42.340921, -87.892332
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<b>Sampler:</b> DS	<b>Sample Location:</b> Astronics	<b>Pump ID:</b> 5081	<b>Start Time:</b> 12/1/2019 9:58:40 AM	<b>Stop Time:</b> 12/2/2019 8:59:51 AM	<b>Sample Period (min):</b> 1381.18333	<b>Sample Volume (L):</b> 0
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<b>Calibrator Model:</b>	<b>Calibrator Serial:</b>	<b>Pre Calibration Flow Rate (mL/min):</b>	<b>Post Calibration Flow Rate (mL/min):</b>	<b>Average Flow Rate (mL/min):</b>
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**Flow Rate Calculations**  
 Initial Gauge Pressure (In Hg) : 29  
 Final Pressure (In Hg): 7.5

**Comments:**  
 Summa canister serial number = A21096  
 Other serial number =  
 regulator serial number = 12120  
 ERG : PR-48  
 Astronics





# INTEGRATED AIR SAMPLES

<b>Client Name:</b> Village of Gurnee	<b>Site Location:</b> Village of Gurnee, IL
<b>Project Number:</b> 11197130	<b>Project Name:</b> Village of Gurnee Ethylene Oxide Risk

<b>Sample ID</b> Air-11197130-12/1/2019-M3-13	<b>Date:</b> 12/1/2019	<b>Time:</b> 10:05:03 AM	<b>Coordinates:</b> 42.336658, -87.891179
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<b>Sampler:</b> DS	<b>Sample Location:</b> Amhurst Lake	<b>Pump ID:</b> SAT109	<b>Start Time:</b> 12/1/2019 10:12:44 AM	<b>Stop Time:</b> 12/2/2019 9:16:12 AM	<b>Sample Period (min):</b> 1383.46667	<b>Sample Volume (L):</b> 0
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<b>Calibrator Model:</b>	<b>Calibrator Serial:</b>	<b>Pre Calibration Flow Rate (mL/min):</b>	<b>Post Calibration Flow Rate (mL/min):</b>	<b>Average Flow Rate (mL/min):</b>
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**Flow Rate Calculations**  
Initial Gauge Pressure (In Hg) : 30  
Final Pressure (In Hg): 7.5

**Comments:**  
  
Summa canister serial number = SAT109  
Other serial number =  
  
regulator serial number = 10314  
ERG : PR-40  
  
Amhurst Lake

**Photo:**





# INTEGRATED AIR SAMPLES

<b>Client Name:</b> Village of Gurnee	<b>Site Location:</b> Village of Gurnee, IL
<b>Project Number:</b> 11197130	<b>Project Name:</b> Village of Gurnee Ethylene Oxide Risk

<b>Sample ID</b> Air-11197130-12/1/2019-M4-13	<b>Date:</b> 12/1/2019	<b>Time:</b> 10:18:23 AM	<b>Coordinates:</b> 42.337377, -87.881336
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<b>Sampler:</b> DS	<b>Sample Location:</b> Greenbelt FP	<b>Pump ID:</b> SAT176	<b>Start Time:</b> 12/1/2019 10:24:04 AM	<b>Stop Time:</b> 12/2/2019 9:25:12 AM	<b>Sample Period (min):</b> 1381.13333	<b>Sample Volume (L):</b> 0
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<b>Calibrator Model:</b>	<b>Calibrator Serial:</b>	<b>Pre Calibration Flow Rate (mL/min):</b>	<b>Post Calibration Flow Rate (mL/min):</b>	<b>Average Flow Rate (mL/min):</b>
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**Flow Rate Calculations**  
Initial Gauge Pressure (In Hg) : 29  
Final Pressure (In Hg): 6

**Comments:**  
  
Summa canister serial number = SAT176  
Other serial number =  
  
regulator serial number = 12119  
ERG : PR-47  
  
Greenbelt FP





# INTEGRATED AIR SAMPLES

<b>Client Name:</b> Village of Gurnee	<b>Site Location:</b> Village of Gurnee, IL
<b>Project Number:</b> 11197130	<b>Project Name:</b> Village of Gurnee Ethylene Oxide Risk

<b>Sample ID</b> Air-11197130-12/1/2019-M1-13	<b>Date:</b> 12/1/2019	<b>Time:</b> 10:32:31 AM	<b>Coordinates:</b> 42.342171, -87.880090
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<b>Sampler:</b> DS	<b>Sample Location:</b> Greenbelt Shelter B	<b>Pump ID:</b> 5105	<b>Start Time:</b> 12/1/2019 10:38:31 AM	<b>Stop Time:</b> 12/2/2019 9:32:47 AM	<b>Sample Period (min):</b> 1374.26667	<b>Sample Volume (L):</b> 0
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<b>Calibrator Model:</b>	<b>Calibrator Serial:</b>	<b>Pre Calibration Flow Rate (mL/min):</b>	<b>Post Calibration Flow Rate (mL/min):</b>	<b>Average Flow Rate (mL/min):</b>
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**Flow Rate Calculations**

Initial Gauge Pressure (In Hg) : 28.5  
 Final Pressure (In Hg): 4

**Comments:**

Summa canister serial number = 5105  
 Other serial number =  
 regulator serial number = 11924  
 ERG : PR-45  
 Greenbelt Shelter B

**Photo:**





# INTEGRATED AIR SAMPLES

<b>Client Name:</b> Village of Gurnee	<b>Site Location:</b> Village of Gurnee, IL
<b>Project Number:</b> 11197130	<b>Project Name:</b> Village of Gurnee Ethylene Oxide Risk

<b>Sample ID</b> Air-11197130-12/1/2019-M2-13	<b>Date:</b> 12/1/2019	<b>Time:</b> 10:44:17 AM	<b>Coordinates:</b> 42.349668, -87.878402
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<b>Sampler:</b> DS	<b>Sample Location:</b> Cristo Rey	<b>Pump ID:</b> A21005	<b>Start Time:</b> 12/1/2019 10:50:02 AM	<b>Stop Time:</b> 12/2/2019 9:48:09 AM	<b>Sample Period (min):</b> 1378.11667	<b>Sample Volume (L):</b> 0
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<b>Calibrator Model:</b>	<b>Calibrator Serial:</b>	<b>Pre Calibration Flow Rate (mL/min):</b>	<b>Post Calibration Flow Rate (mL/min):</b>	<b>Average Flow Rate (mL/min):</b>
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**Flow Rate Calculations**  
 Initial Gauge Pressure (In Hg) : 28  
 Final Pressure (In Hg): 5

**Comments:**  
 Summa canister serial number = A21005  
 Other serial number =  
 regulator serial number = 10310  
 ERG : PR-36  
 Cristo Rey

**Photo:**





# INTEGRATED AIR SAMPLES

<b>Client Name:</b> Village of Gurnee	<b>Site Location:</b> Village of Gurnee, IL
<b>Project Number:</b> 11197130	<b>Project Name:</b> Village of Gurnee Ethylene Oxide Risk

<b>Sample ID</b> Air-11197130-12/1/2019-V1-13	<b>Date:</b> 12/1/2019	<b>Time:</b> 11:02:59 AM	<b>Coordinates:</b> 42.389449, -87.889941
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<b>Sampler:</b> DS	<b>Sample Location:</b> Spaulding Elementary	<b>Pump ID:</b> 18830	<b>Start Time:</b> 12/1/2019 11:07:28 AM	<b>Stop Time:</b> 12/2/2019 10:03:12 AM	<b>Sample Period (min):</b> 1375.73333	<b>Sample Volume (L):</b> 0
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<b>Calibrator Model:</b>	<b>Calibrator Serial:</b>	<b>Pre Calibration Flow Rate (mL/min):</b>	<b>Post Calibration Flow Rate (mL/min):</b>	<b>Average Flow Rate (mL/min):</b>
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**Flow Rate Calculations**

Initial Gauge Pressure (In Hg) : 28.5  
Final Pressure (In Hg): 7

**Comments:**

Summa canister serial number = 18830  
Other serial number =  
regulator serial number = 11923  
ERG : PR-44  
Spaulding Elementary

**Photo:**



# INTEGRATED AIR SAMPLES

<b>Client Name:</b> Village of Gurnee	<b>Site Location:</b> Village of Gurnee, IL
<b>Project Number:</b> 11197130	<b>Project Name:</b> Village of Gurnee Ethylene Oxide Risk

<b>Sample ID</b> Air-11197130-12/1/2019-V2-13	<b>Date:</b> 12/1/2019	<b>Time:</b> 11:11:53 AM	<b>Coordinates:</b> 42.382986, -87.894050
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<b>Sampler:</b> DS	<b>Sample Location:</b> Keith Lot	<b>Pump ID:</b> A21056	<b>Start Time:</b> 12/1/2019 11:16:09 AM	<b>Stop Time:</b> 12/2/2019 10:09:48 AM	<b>Sample Period (min):</b> 1373.65	<b>Sample Volume (L):</b> 0
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<b>Calibrator Model:</b>	<b>Calibrator Serial:</b>	<b>Pre Calibration Flow Rate (mL/min):</b>	<b>Post Calibration Flow Rate (mL/min):</b>	<b>Average Flow Rate (mL/min):</b>
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**Flow Rate Calculations**

Initial Gauge Pressure (In Hg) : 28.5  
 Final Pressure (In Hg): 8

**Comments:**

Summa canister serial number = A21056  
 Other serial number =  
 regulator serial number = 10312  
 ERG : PR-38  
 Keith Lot

**Photo:**



# INTEGRATED AIR SAMPLES

<b>Client Name:</b> Village of Gurnee	<b>Site Location:</b> Village of Gurnee, IL
<b>Project Number:</b> 11197130	<b>Project Name:</b> Village of Gurnee Ethylene Oxide Risk

<b>Sample ID</b> Air-11197130-12/1/2019-V3-13	<b>Date:</b> 12/1/2019	<b>Time:</b> 11:21:23 AM	<b>Coordinates:</b> 42.380631, -87.899545
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<b>Sampler:</b> DS	<b>Sample Location:</b> Gallagher Corporation	<b>Pump ID:</b> 18879	<b>Start Time:</b> 12/1/2019 11:30:43 AM	<b>Stop Time:</b> 12/2/2019 10:19:24 AM	<b>Sample Period (min):</b> 1368.68333	<b>Sample Volume (L):</b> 0
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<b>Calibrator Model:</b>	<b>Calibrator Serial:</b>	<b>Pre Calibration Flow Rate (mL/min):</b>	<b>Post Calibration Flow Rate (mL/min):</b>	<b>Average Flow Rate (mL/min):</b>
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**Flow Rate Calculations**  
 Initial Gauge Pressure (In Hg) : 28  
 Final Pressure (In Hg): 7

**Comments:**  
 Summa canister serial number = 18879  
 Other serial number =  
 regulator serial number = 10294  
 ERG : PR-35  
 Gallagher Corporation

**Photo:**





# INTEGRATED AIR SAMPLES

<b>Client Name:</b> Village of Gurnee	<b>Site Location:</b> Village of Gurnee, IL
<b>Project Number:</b> 11197130	<b>Project Name:</b> Village of Gurnee Ethylene Oxide Risk

<b>Sample ID</b> Air-11197130-12/1/2019-V4-13	<b>Date:</b> 12/1/2019	<b>Time:</b> 11:38:09 AM	<b>Coordinates:</b> 42.377578, -87.899518
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<b>Sampler:</b> DS	<b>Sample Location:</b> Gurnee Glass	<b>Pump ID:</b> SAT117	<b>Start Time:</b> 12/1/2019 11:42:28 AM	<b>Stop Time:</b> 12/2/2019 10:29:15 AM	<b>Sample Period (min):</b> 1366.78333	<b>Sample Volume (L):</b> 0
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<b>Calibrator Model:</b>	<b>Calibrator Serial:</b>	<b>Pre Calibration Flow Rate (mL/min):</b>	<b>Post Calibration Flow Rate (mL/min):</b>	<b>Average Flow Rate (mL/min):</b>
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**Flow Rate Calculations**  
 Initial Gauge Pressure (In Hg) : 26  
 Final Pressure (In Hg): 5.5

**Comments:**  
 Summa canister serial number = SaT117  
 Other serial number =  
 regulator serial number = 10311  
 ERG : PR-37  
 Gurnee Glass

**Photo:**





# INTEGRATED AIR SAMPLES

<b>Client Name:</b> Village of Gurnee	<b>Site Location:</b> Village of Gurnee, IL
<b>Project Number:</b> 11197130	<b>Project Name:</b> Village of Gurnee Ethylene Oxide Risk

<b>Sample ID</b> Air-11197130-12/1/2019-V5-13	<b>Date:</b> 12/1/2019	<b>Time:</b> 11:47:27 AM	<b>Coordinates:</b> 42.386131, -87.905564
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<b>Sampler:</b> DS	<b>Sample Location:</b> ComEd Easement	<b>Pump ID:</b> A2184	<b>Start Time:</b> 12/1/2019 11:52:59 AM	<b>Stop Time:</b> 12/2/2019 10:37:18 AM	<b>Sample Period (min):</b> 1364.31667	<b>Sample Volume (L):</b> 0
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<b>Calibrator Model:</b>	<b>Calibrator Serial:</b>	<b>Pre Calibration Flow Rate (mL/min):</b>	<b>Post Calibration Flow Rate (mL/min):</b>	<b>Average Flow Rate (mL/min):</b>
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**Flow Rate Calculations**  
Initial Gauge Pressure (In Hg) : 28.5  
Final Pressure (In Hg): 5

**Comments:**  
  
Summa canister serial number = A21084  
Other serial number =  
  
regulator serial number = 11925  
ERG : PR-46  
  
ComEd Easement

**Photo:**





# INTEGRATED AIR SAMPLES

<b>Client Name:</b> Village of Gurnee	<b>Site Location:</b> Village of Gurnee, IL
<b>Project Number:</b> 11197130	<b>Project Name:</b> Village of Gurnee Ethylene Oxide Risk

<b>Sample ID</b> Air-11197130-12/1/2019-R1-13	<b>Date:</b> 12/1/2019	<b>Time:</b> 12:11:04 PM	<b>Coordinates:</b> 42.356482, -87.909605
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<b>Sampler:</b> DS	<b>Sample Location:</b> O'Plaine Park	<b>Pump ID:</b> SAT071	<b>Start Time:</b> 12/1/2019 12:18:59 PM	<b>Stop Time:</b> 12/2/2019 10:53:44 AM	<b>Sample Period (min):</b> 1354.75	<b>Sample Volume (L):</b> 0
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<b>Calibrator Model:</b>	<b>Calibrator Serial:</b>	<b>Pre Calibration Flow Rate (mL/min):</b>	<b>Post Calibration Flow Rate (mL/min):</b>	<b>Average Flow Rate (mL/min):</b>
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**Flow Rate Calculations**  
Initial Gauge Pressure (In Hg) : 29  
Final Pressure (In Hg): 8.5

**Comments:**  
  
Summa canister serial number = SAT071  
Other serial number =  
  
regulator serial number = 10315  
ERG : PR-41  
  
O'Plaine Park

**Photo:**





# INTEGRATED AIR SAMPLES

<b>Client Name:</b> Village of Gurnee	<b>Site Location:</b> Village of Gurnee, IL
<b>Project Number:</b> 11197130	<b>Project Name:</b> Village of Gurnee Ethylene Oxide Risk

<b>Sample ID</b> Air-11197130-12/1/2019-R2-13	<b>Date:</b> 12/1/2019	<b>Time:</b> 12:30:40 PM	<b>Coordinates:</b> 42.364995, -87.970484
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<b>Sampler:</b> DS	<b>Sample Location:</b> Woodland Middle School	<b>Pump ID:</b> SAT074	<b>Start Time:</b> 12/1/2019 12:34:58 PM	<b>Stop Time:</b> 12/2/2019 11:07:25 AM	<b>Sample Period (min):</b> 1352.45	<b>Sample Volume (L):</b> 0
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<b>Calibrator Model:</b>	<b>Calibrator Serial:</b>	<b>Pre Calibration Flow Rate (mL/min):</b>	<b>Post Calibration Flow Rate (mL/min):</b>	<b>Average Flow Rate (mL/min):</b>
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**Flow Rate Calculations**  
Initial Gauge Pressure (In Hg) : 28  
Final Pressure (In Hg): 7

**Comments:**  
  
Summa canister serial number = SAT074  
Other serial number =  
  
regulator serial number = 10077  
ERG : PR-31  
  
Woodland Middle School

**Photo:**

The photograph shows an air monitoring station set up on a tripod in a grassy field. In the foreground, there is a white sign with black text that reads: "GURNEE Government Property Air Monitoring in Progress". Below this, it says "Do not remove, damage or otherwise interfere with this equipment in any way. Violators may be subject to prosecution. This equipment may be subject to surveillance." and "For questions, please email [hs@villageofgurnee.com](mailto:hs@villageofgurnee.com)". The background shows a pond, trees, and a cloudy sky.



# INTEGRATED AIR SAMPLES

<b>Client Name:</b> Village of Gurnee	<b>Site Location:</b> Village of Gurnee, IL
<b>Project Number:</b> 11197130	<b>Project Name:</b> Village of Gurnee Ethylene Oxide Risk

<b>Sample ID</b> Air-11197130-12/4/2019-M5-14	<b>Date:</b> 12/4/2019	<b>Time:</b> 9:50:38 AM	<b>Coordinates:</b> 42.340837, -87.892201
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<b>Sampler:</b> DS	<b>Sample Location:</b> Astronics	<b>Pump ID:</b> SAT184	<b>Start Time:</b> 12/4/2019 10:00:08 AM	<b>Stop Time:</b> 12/5/2019 9:21 AM	<b>Sample Period (min):</b> 1400.86667	<b>Sample Volume (L):</b> 0
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<b>Calibrator Model:</b>	<b>Calibrator Serial:</b>	<b>Pre Calibration Flow Rate (mL/min):</b>	<b>Post Calibration Flow Rate (mL/min):</b>	<b>Average Flow Rate (mL/min):</b>
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**Flow Rate Calculations**  
 Initial Gauge Pressure (In Hg) : 30  
 Final Pressure (In Hg): 7.5

**Comments:**  
 Summa canister serial number = SAT184  
 Other serial number =  
 regulator serial number = 12120  
 ERG : PR-48  
 Astronics

**Photo:**





# INTEGRATED AIR SAMPLES

<b>Client Name:</b> Village of Gurnee	<b>Site Location:</b> Village of Gurnee, IL
<b>Project Number:</b> 11197130	<b>Project Name:</b> Village of Gurnee Ethylene Oxide Risk

<b>Sample ID</b> Air-11197130-12/4/2019-M3-14	<b>Date:</b> 12/4/2019	<b>Time:</b> 10:09:44 AM	<b>Coordinates:</b> 42.336723, -87.891124
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<b>Sampler:</b> DS	<b>Sample Location:</b> Amhurst Lake	<b>Pump ID:</b> SAT157	<b>Start Time:</b> 12/4/2019 10:17:20 AM	<b>Stop Time:</b> 12/5/2019 9:31:03 AM	<b>Sample Period (min):</b> 1393.71667	<b>Sample Volume (L):</b> 0
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<b>Calibrator Model:</b>	<b>Calibrator Serial:</b>	<b>Pre Calibration Flow Rate (mL/min):</b>	<b>Post Calibration Flow Rate (mL/min):</b>	<b>Average Flow Rate (mL/min):</b>
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**Flow Rate Calculations**  
Initial Gauge Pressure (In Hg) : 30  
Final Pressure (In Hg): 6.5

**Comments:**  
  
Summa canister serial number = SAT157  
Other serial number =  
  
regulator serial number = 10314  
ERG : PR-40  
  
Amhurst Lake

**Photo:**





# INTEGRATED AIR SAMPLES

<b>Client Name:</b> Village of Gurnee	<b>Site Location:</b> Village of Gurnee, IL
<b>Project Number:</b> 11197130	<b>Project Name:</b> Village of Gurnee Ethylene Oxide Risk

<b>Sample ID</b> Air-11197130-12/4/2019-M4-14	<b>Date:</b> 12/4/2019	<b>Time:</b> 10:34:45 AM	<b>Coordinates:</b> 42.337723, -87.881373
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<b>Sampler:</b> DS	<b>Sample Location:</b> Greenbelt FP	<b>Pump ID:</b> A21083	<b>Start Time:</b> 12/4/2019 10:41:16 AM	<b>Stop Time:</b> 12/5/2019 9:41:07 AM	<b>Sample Period (min):</b> 1379.85	<b>Sample Volume (L):</b> 0
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<b>Calibrator Model:</b>	<b>Calibrator Serial:</b>	<b>Pre Calibration Flow Rate (mL/min):</b>	<b>Post Calibration Flow Rate (mL/min):</b>	<b>Average Flow Rate (mL/min):</b>
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**Flow Rate Calculations**  
Initial Gauge Pressure (In Hg) : 29  
Final Pressure (In Hg): 5

**Comments:**  
  
Summa canister serial number = A21083  
Other serial number =  
  
regulator serial number = 12119  
ERG : PR-47  
  
Greenbelt FP





# INTEGRATED AIR SAMPLES

<b>Client Name:</b> Village of Gurnee	<b>Site Location:</b> Village of Gurnee, IL
<b>Project Number:</b> 11197130	<b>Project Name:</b> Village of Gurnee Ethylene Oxide Risk

<b>Sample ID</b> Air-11197130-12/4/2019-M1-14	<b>Date:</b> 12/4/2019	<b>Time:</b> 10:47:52 AM	<b>Coordinates:</b> 42.342162, -87.880185
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<b>Sampler:</b> DS	<b>Sample Location:</b> Greenbelt Shelter B	<b>Pump ID:</b> 5089	<b>Start Time:</b> 12/4/2019 10:56:26 AM	<b>Stop Time:</b> 12/5/2019 9:50:20 AM	<b>Sample Period (min):</b> 1373.9	<b>Sample Volume (L):</b> 0
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<b>Calibrator Model:</b>	<b>Calibrator Serial:</b>	<b>Pre Calibration Flow Rate (mL/min):</b>	<b>Post Calibration Flow Rate (mL/min):</b>	<b>Average Flow Rate (mL/min):</b>
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**Flow Rate Calculations**

Initial Gauge Pressure (In Hg) : 29  
Final Pressure (In Hg): 5

**Comments:**

Summa canister serial number = 5089  
Other serial number =  
regulator serial number = 11924  
ERG : PR-45  
  
Greenbelt Shelter B

**Photo:**



# INTEGRATED AIR SAMPLES

<b>Client Name:</b> Village of Gurnee	<b>Site Location:</b> Village of Gurnee, IL
<b>Project Number:</b> 11197130	<b>Project Name:</b> Village of Gurnee Ethylene Oxide Risk

<b>Sample ID</b> Air-11197130-12/4/2019-M2-14	<b>Date:</b> 12/4/2019	<b>Time:</b> 11:04:06 AM	<b>Coordinates:</b> 42.349632, -87.878359
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<b>Sampler:</b> DS	<b>Sample Location:</b> Cristo Rey	<b>Pump ID:</b> 18822	<b>Start Time:</b> 12/4/2019 11:08:41 AM	<b>Stop Time:</b> 12/5/2019 10:04:47 AM	<b>Sample Period (min):</b> 1376.1	<b>Sample Volume (L):</b> 0
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<b>Calibrator Model:</b>	<b>Calibrator Serial:</b>	<b>Pre Calibration Flow Rate (mL/min):</b>	<b>Post Calibration Flow Rate (mL/min):</b>	<b>Average Flow Rate (mL/min):</b>
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**Flow Rate Calculations**

Initial Gauge Pressure (In Hg) : 28  
 Final Pressure (In Hg): 5

**Comments:**

Summa canister serial number = 18822  
 Others serial number =  
 regulator serial number = 10310  
 ERG : PR-36  
 Cristo Rey

**Photo:**





# INTEGRATED AIR SAMPLES

<b>Client Name:</b> Village of Gurnee	<b>Site Location:</b> Village of Gurnee, IL
<b>Project Number:</b> 11197130	<b>Project Name:</b> Village of Gurnee Ethylene Oxide Risk

<b>Sample ID</b> Air-11197130-12/4/2019-V1-14	<b>Date:</b> 12/4/2019	<b>Time:</b> 11:19:19 AM	<b>Coordinates:</b> 42.389783, -87.890011
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<b>Sampler:</b> DS	<b>Sample Location:</b> Spaulding Elementary	<b>Pump ID:</b> SAT072	<b>Start Time:</b> 12/4/2019 11:24:42 AM	<b>Stop Time:</b> 12/5/2019 10:18:33 AM	<b>Sample Period (min):</b> 1373.85	<b>Sample Volume (L):</b> 0
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<b>Calibrator Model:</b>	<b>Calibrator Serial:</b>	<b>Pre Calibration Flow Rate (mL/min):</b>	<b>Post Calibration Flow Rate (mL/min):</b>	<b>Average Flow Rate (mL/min):</b>
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**Flow Rate Calculations**  
Initial Gauge Pressure (In Hg) : 29  
Final Pressure (In Hg): 5

**Comments:**  
  
Summa canister serial number = SAT072  
Other serial number =  
  
regulator serial number = 11923  
ERG : PR-44  
  
Spaulding Elementary

**Photo:**





# INTEGRATED AIR SAMPLES

<b>Client Name:</b> Village of Gurnee	<b>Site Location:</b> Village of Gurnee, IL
<b>Project Number:</b> 11197130	<b>Project Name:</b> Village of Gurnee Ethylene Oxide Risk

<b>Sample ID</b> Air-11197130-12/4/2019-V2-14	<b>Date:</b> 12/4/2019	<b>Time:</b> 11:29:13 AM	<b>Coordinates:</b> 42.383153, -87.894204
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<b>Sampler:</b> DS	<b>Sample Location:</b> Keith Lot	<b>Pump ID:</b> SAT152	<b>Start Time:</b> 12/4/2019 11:33:52 AM	<b>Stop Time:</b> 12/5/2019 10:26:16 AM	<b>Sample Period (min):</b> 1372.4	<b>Sample Volume (L):</b> 0
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<b>Calibrator Model:</b>	<b>Calibrator Serial:</b>	<b>Pre Calibration Flow Rate (mL/min):</b>	<b>Post Calibration Flow Rate (mL/min):</b>	<b>Average Flow Rate (mL/min):</b>
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**Flow Rate Calculations**  
Initial Gauge Pressure (In Hg) : 28  
Final Pressure (In Hg): 7

**Comments:**  
  
Summa canister serial number = SAT152  
Other serial number =  
  
regulator serial number = 10312  
ERG : PR-38  
  
Keith Lot

**Photo:**





# INTEGRATED AIR SAMPLES

<b>Client Name:</b> Village of Gurnee	<b>Site Location:</b> Village of Gurnee, IL
<b>Project Number:</b> 11197130	<b>Project Name:</b> Village of Gurnee Ethylene Oxide Risk

<b>Sample ID</b> Air-11197130-12/4/2019-V3-14	<b>Date:</b> 12/4/2019	<b>Time:</b> 11:40:02 AM	<b>Coordinates:</b> 42.380798, -87.899334
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<b>Sampler:</b> DS	<b>Sample Location:</b> Gallagher Corporation	<b>Pump ID:</b> 5102	<b>Start Time:</b> 12/4/2019 11:49:43 AM	<b>Stop Time:</b> 12/5/2019 10:36:03 AM	<b>Sample Period (min):</b> 1366.33333	<b>Sample Volume (L):</b> 0
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<b>Calibrator Model:</b>	<b>Calibrator Serial:</b>	<b>Pre Calibration Flow Rate (mL/min):</b>	<b>Post Calibration Flow Rate (mL/min):</b>	<b>Average Flow Rate (mL/min):</b>
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**Flow Rate Calculations**  
 Initial Gauge Pressure (In Hg) : 28.5  
 Final Pressure (In Hg): 7

**Comments:**  
 Summa canister serial number = 5102  
 Other serial number =  
 regulator serial number = 10294  
 ERG : PR-35  
 Gallagher Corporation

**Photo:**





# INTEGRATED AIR SAMPLES

<b>Client Name:</b> Village of Gurnee	<b>Site Location:</b> Village of Gurnee, IL
<b>Project Number:</b> 11197130	<b>Project Name:</b> Village of Gurnee Ethylene Oxide Risk

<b>Sample ID</b> Air-11197130-12/4/2019-V4-14	<b>Date:</b> 12/4/2019	<b>Time:</b> 11:54:18 AM	<b>Coordinates:</b> 42.377585, -87.899603
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<b>Sampler:</b> DS	<b>Sample Location:</b> Gurnee Glass	<b>Pump ID:</b> A21042	<b>Start Time:</b> 12/4/2019 11:59:43 AM	<b>Stop Time:</b> 12/5/2019 10:45:13 AM	<b>Sample Period (min):</b> 1365.5	<b>Sample Volume (L):</b> 0
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<b>Calibrator Model:</b>	<b>Calibrator Serial:</b>	<b>Pre Calibration Flow Rate (mL/min):</b>	<b>Post Calibration Flow Rate (mL/min):</b>	<b>Average Flow Rate (mL/min):</b>
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**Flow Rate Calculations**  
 Initial Gauge Pressure (In Hg) : 26  
 Final Pressure (In Hg): 5

**Comments:**  
 Summa canister serial number = A21042  
 Other serial number =  
 regulator serial number = 10311  
 ERG : PR-37  
 Gurnee Glass

**Photo:**





# INTEGRATED AIR SAMPLES

<b>Client Name:</b> Village of Gurnee	<b>Site Location:</b> Village of Gurnee, IL
<b>Project Number:</b> 11197130	<b>Project Name:</b> Village of Gurnee Ethylene Oxide Risk

<b>Sample ID</b> Air-11197130-12/4/2019-V5-14	<b>Date:</b> 12/4/2019	<b>Time:</b> 12:05:31 PM	<b>Coordinates:</b> 42.386169, -87.905496
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<b>Sampler:</b> DS	<b>Sample Location:</b> ComEd Easement	<b>Pump ID:</b> SAT059	<b>Start Time:</b> 12/4/2019 12:11:46 PM	<b>Stop Time:</b> 12/5/2019 10:54:13 AM	<b>Sample Period (min):</b> 1362.45	<b>Sample Volume (L):</b> 0
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<b>Calibrator Model:</b>	<b>Calibrator Serial:</b>	<b>Pre Calibration Flow Rate (mL/min):</b>	<b>Post Calibration Flow Rate (mL/min):</b>	<b>Average Flow Rate (mL/min):</b>
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**Flow Rate Calculations**

Initial Gauge Pressure (In Hg) : 28.5  
 Final Pressure (In Hg): 5

**Comments:**

Summa canister serial number = SAT059  
 Other serial number =  
 regulator serial number = 11925  
 ERG : PR-46  
 ComEd Easement

**Photo:**





# INTEGRATED AIR SAMPLES

<b>Client Name:</b> Village of Gurnee	<b>Site Location:</b> Village of Gurnee, IL
<b>Project Number:</b> 11197130	<b>Project Name:</b> Village of Gurnee Ethylene Oxide Risk

<b>Sample ID</b> Air-11197130-12/4/2019-R1-14	<b>Date:</b> 12/4/2019	<b>Time:</b> 12:33:13 PM	<b>Coordinates:</b> 42.356444, -87.909746
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<b>Sampler:</b> DS	<b>Sample Location:</b> O'Plaine Park	<b>Pump ID:</b> SAT185	<b>Start Time:</b> 12/4/2019 12:38:57 PM	<b>Stop Time:</b> 12/5/2019 11:14:50 AM	<b>Sample Period (min):</b> 1355.88333	<b>Sample Volume (L):</b> 0
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<b>Calibrator Model:</b>	<b>Calibrator Serial:</b>	<b>Pre Calibration Flow Rate (mL/min):</b>	<b>Post Calibration Flow Rate (mL/min):</b>	<b>Average Flow Rate (mL/min):</b>
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**Flow Rate Calculations**

Initial Gauge Pressure (In Hg) : 29  
Final Pressure (In Hg): 8

**Comments:**

Summa canister serial number = SAT185  
Other serial number =  
regulator serial number = 10315  
ERG : PR-41  
  
O'Plaine Park

**Photo:**



# INTEGRATED AIR SAMPLES

<b>Client Name:</b> Village of Gurnee	<b>Site Location:</b> Village of Gurnee, IL
<b>Project Number:</b> 11197130	<b>Project Name:</b> Village of Gurnee Ethylene Oxide Risk

<b>Sample ID</b> Air-11197130-12/4/2019-R2-14	<b>Date:</b> 12/4/2019	<b>Time:</b> 12:47:42 PM	<b>Coordinates:</b> 42.364982, -87.970620
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<b>Sampler:</b> DS	<b>Sample Location:</b> Woodland Middle School	<b>Pump ID:</b> SAT034	<b>Start Time:</b> 12/4/2019 12:53:43 PM	<b>Stop Time:</b> 12/5/2019 11:27:22 AM	<b>Sample Period (min):</b> 1353.65	<b>Sample Volume (L):</b> 0
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<b>Calibrator Model:</b>	<b>Calibrator Serial:</b>	<b>Pre Calibration Flow Rate (mL/min):</b>	<b>Post Calibration Flow Rate (mL/min):</b>	<b>Average Flow Rate (mL/min):</b>
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**Flow Rate Calculations**  
 Initial Gauge Pressure (In Hg) : 28  
 Final Pressure (In Hg): 6.5

**Comments:**

Summa canister serial number = SAT034  
 Other serial number =  
 regulator serial number = 10077  
 ERG : PR-31

Woodland Middle School

**Photo:**





# INTEGRATED AIR SAMPLES

<b>Client Name:</b> Village of Gurnee	<b>Site Location:</b> Village of Gurnee, IL
<b>Project Number:</b> 11197130	<b>Project Name:</b> Village of Gurnee Ethylene Oxide Risk

<b>Sample ID</b> Air-11197130-12/7/2019-M5-15	<b>Date:</b> 12/7/2019	<b>Time:</b> 10:31:09 AM	<b>Coordinates:</b> 42.340909, -87.892536
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<b>Sampler:</b> DH	<b>Sample Location:</b> Astronics	<b>Pump ID:</b> SAT076	<b>Start Time:</b> 12/7/2019 10:32:13 AM	<b>Stop Time:</b> 12/8/2019 10:14:35 AM	<b>Sample Period (min):</b> 1422.36667	<b>Sample Volume (L):</b> 0
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<b>Calibrator Model:</b>	<b>Calibrator Serial:</b>	<b>Pre Calibration Flow Rate (mL/min):</b>	<b>Post Calibration Flow Rate (mL/min):</b>	<b>Average Flow Rate (mL/min):</b>
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**Flow Rate Calculations**

Initial Gauge Pressure (In Hg) : > 30  
Final Pressure (In Hg): 7.5

**Comments:**

Summa canister serial number = SAT076  
Other serial number =  
regulator serial number = 12120  
ERG : PR-48  
  
Astronics

**Photo:**





# INTEGRATED AIR SAMPLES

<b>Client Name:</b> Village of Gurnee	<b>Site Location:</b> Village of Gurnee, IL
<b>Project Number:</b> 11197130	<b>Project Name:</b> Village of Gurnee Ethylene Oxide Risk

<b>Sample ID</b> Air-11197130-12/7/2019-M3-15	<b>Date:</b> 12/7/2019	<b>Time:</b> 10:45:55 AM	<b>Coordinates:</b> 42.336495, -87.891458
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<b>Sampler:</b> DH	<b>Sample Location:</b> Amhurst Lake	<b>Pump ID:</b> SAT025	<b>Start Time:</b> 12/7/2019 10:46:48 AM	<b>Stop Time:</b> 12/8/2019 10:25:33 AM	<b>Sample Period (min):</b> 1418.75	<b>Sample Volume (L):</b> 0
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<b>Calibrator Model:</b>	<b>Calibrator Serial:</b>	<b>Pre Calibration Flow Rate (mL/min):</b>	<b>Post Calibration Flow Rate (mL/min):</b>	<b>Average Flow Rate (mL/min):</b>
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**Flow Rate Calculations**

Initial Gauge Pressure (In Hg) : > 30  
 Final Pressure (In Hg): 6.5

**Comments:**

Summa canister serial number = SAT025  
 Other serial number =  
 regulator serial number = 10314  
 ERG : PR-40  
 Amhurst Lake

**Photo:**





# INTEGRATED AIR SAMPLES

<b>Client Name:</b> Village of Gurnee	<b>Site Location:</b> Village of Gurnee, IL
<b>Project Number:</b> 11197130	<b>Project Name:</b> Village of Gurnee Ethylene Oxide Risk

<b>Sample ID</b> Air-11197130-12/7/2019-M4-15	<b>Date:</b> 12/7/2019	<b>Time:</b> 11:01:08 AM	<b>Coordinates:</b> 42.337464, -87.881346
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<b>Sampler:</b> DH	<b>Sample Location:</b> Greenbelt FP	<b>Pump ID:</b> SAT020	<b>Start Time:</b> 12/7/2019 11:02:06 AM	<b>Stop Time:</b> 12/8/2019 10:35:34 AM	<b>Sample Period (min):</b> 1413.46667	<b>Sample Volume (L):</b> 0
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<b>Calibrator Model:</b>	<b>Calibrator Serial:</b>	<b>Pre Calibration Flow Rate (mL/min):</b>	<b>Post Calibration Flow Rate (mL/min):</b>	<b>Average Flow Rate (mL/min):</b>
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**Flow Rate Calculations**

Initial Gauge Pressure (In Hg) : 30  
Final Pressure (In Hg): 5

**Comments:**

Summa canister serial number = SAT020  
Other serial number =  
regulator serial number = 12119  
ERG : PR-47  
Greenbelt FP

**Photo:**



# INTEGRATED AIR SAMPLES

<b>Client Name:</b> Village of Gurnee	<b>Site Location:</b> Village of Gurnee, IL
<b>Project Number:</b> 11197130	<b>Project Name:</b> Village of Gurnee Ethylene Oxide Risk

<b>Sample ID</b> Air-11197130-12/7/2019-M1-15	<b>Date:</b> 12/7/2019	<b>Time:</b> 11:16:09 AM	<b>Coordinates:</b> 42.342168, -87.880439
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<b>Sampler:</b> DH	<b>Sample Location:</b> Greenbelt Shelter B	<b>Pump ID:</b> SAT046	<b>Start Time:</b> 12/7/2019 11:16:37 AM	<b>Stop Time:</b> 12/8/2019 10:46:25 AM	<b>Sample Period (min):</b> 1409.8	<b>Sample Volume (L):</b> 0
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<b>Calibrator Model:</b>	<b>Calibrator Serial:</b>	<b>Pre Calibration Flow Rate (mL/min):</b>	<b>Post Calibration Flow Rate (mL/min):</b>	<b>Average Flow Rate (mL/min):</b>
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**Flow Rate Calculations**

Initial Gauge Pressure (In Hg) : 30  
Final Pressure (In Hg): 3.5

**Comments:**

Summa canister serial number = SAT046  
Other serial number =  
regulator serial number = 11924  
ERG : PR-45  
  
Greenbelt Shelter B

**Photo:**



# INTEGRATED AIR SAMPLES

<b>Client Name:</b> Village of Gurnee	<b>Site Location:</b> Village of Gurnee, IL
<b>Project Number:</b> 11197130	<b>Project Name:</b> Village of Gurnee Ethylene Oxide Risk

<b>Sample ID</b> Air-11197130-12/7/2019-M2-15	<b>Date:</b> 12/7/2019	<b>Time:</b> 11:35:06 AM	<b>Coordinates:</b> 42.349838, -87.878190
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<b>Sampler:</b> DH	<b>Sample Location:</b> Cristo Rey	<b>Pump ID:</b> SAT051	<b>Start Time:</b> 12/7/2019 11:35:59 AM	<b>Stop Time:</b> 12/8/2019 10:56:49 AM	<b>Sample Period (min):</b> 1400.83333	<b>Sample Volume (L):</b> 0
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<b>Calibrator Model:</b>	<b>Calibrator Serial:</b>	<b>Pre Calibration Flow Rate (mL/min):</b>	<b>Post Calibration Flow Rate (mL/min):</b>	<b>Average Flow Rate (mL/min):</b>
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**Flow Rate Calculations**

Initial Gauge Pressure (In Hg) : 29  
Final Pressure (In Hg): 5

**Comments:**

Summa canister serial number = SAT051  
Others serial number =  
regulator serial number = 10310  
ERG : PR-36  
  
Cristo Rey

**Photo:**



# INTEGRATED AIR SAMPLES

<b>Client Name:</b> Village of Gurnee	<b>Site Location:</b> Village of Gurnee, IL
<b>Project Number:</b> 11197130	<b>Project Name:</b> Village of Gurnee Ethylene Oxide Risk

<b>Sample ID</b> Air-11197130-12/7/2019-V1-15	<b>Date:</b> 12/7/2019	<b>Time:</b> 12:01:57 PM	<b>Coordinates:</b> 42.392320, -87.882106
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<b>Sampler:</b> DH	<b>Sample Location:</b> Spaulding Elementary	<b>Pump ID:</b> A21037	<b>Start Time:</b> 12/7/2019 12:02:57 PM	<b>Stop Time:</b> 12/8/2019 11:23:34 AM	<b>Sample Period (min):</b> 1400.61667	<b>Sample Volume (L):</b> 0
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<b>Calibrator Model:</b>	<b>Calibrator Serial:</b>	<b>Pre Calibration Flow Rate (mL/min):</b>	<b>Post Calibration Flow Rate (mL/min):</b>	<b>Average Flow Rate (mL/min):</b>
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**Flow Rate Calculations**  
Initial Gauge Pressure (In Hg) : 30  
Final Pressure (In Hg): 6

**Comments:**  
  
Summa canister serial number = A21037  
Other serial number =  
  
regulator serial number = 11923  
ERG : PR-44  
  
Spaulding Elementary





# INTEGRATED AIR SAMPLES

<b>Client Name:</b> Village of Gurnee	<b>Site Location:</b> Village of Gurnee, IL
<b>Project Number:</b> 11197130	<b>Project Name:</b> Village of Gurnee Ethylene Oxide Risk

<b>Sample ID</b> Air-11197130-12/7/2019-V2-15	<b>Date:</b> 12/7/2019	<b>Time:</b> 12:13:34 PM	<b>Coordinates:</b> 42.392320, -87.882106
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<b>Sampler:</b> DH	<b>Sample Location:</b> Keith Lot	<b>Pump ID:</b> 5066	<b>Start Time:</b> 12/7/2019 12:14:26 PM	<b>Stop Time:</b> 12/8/2019 11:29:09 AM	<b>Sample Period (min):</b> 1394.71667	<b>Sample Volume (L):</b> 0
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<b>Calibrator Model:</b>	<b>Calibrator Serial:</b>	<b>Pre Calibration Flow Rate (mL/min):</b>	<b>Post Calibration Flow Rate (mL/min):</b>	<b>Average Flow Rate (mL/min):</b>
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**Flow Rate Calculations**

Initial Gauge Pressure (In Hg) : 29.5  
 Final Pressure (In Hg): 8

**Comments:**

Summa canister serial number = 5066  
 Other serial number =  
 regulator serial number = 10312  
 ERG : PR-38  
 Keith Lot

**Photo:**



# INTEGRATED AIR SAMPLES

<b>Client Name:</b> Village of Gurnee	<b>Site Location:</b> Village of Gurnee, IL
<b>Project Number:</b> 11197130	<b>Project Name:</b> Village of Gurnee Ethylene Oxide Risk

<b>Sample ID</b> Air-11197130-12/7/2019-V4-15	<b>Date:</b> 12/7/2019	<b>Time:</b> 12:28:48 PM	<b>Coordinates:</b> 42.392320, -87.882106
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<b>Sampler:</b> DH	<b>Sample Location:</b> Gurnee Glass	<b>Pump ID:</b> SAT068	<b>Start Time:</b> 12/7/2019 12:29:44 PM	<b>Stop Time:</b> 12/8/2019 11:41:14 AM	<b>Sample Period (min):</b> 1391.5	<b>Sample Volume (L):</b> 0
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<b>Calibrator Model:</b>	<b>Calibrator Serial:</b>	<b>Pre Calibration Flow Rate (mL/min):</b>	<b>Post Calibration Flow Rate (mL/min):</b>	<b>Average Flow Rate (mL/min):</b>
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**Flow Rate Calculations**  
 Initial Gauge Pressure (In Hg) : 27  
 Final Pressure (In Hg): 4.5

**Comments:**  
 Summa canister serial number = SAT068  
 Other serial number =  
 regulator serial number = 10311  
 ERG : PR-37  
 Gurnee Glass





# INTEGRATED AIR SAMPLES

<b>Client Name:</b> Village of Gurnee	<b>Site Location:</b> Village of Gurnee, IL
<b>Project Number:</b> 11197130	<b>Project Name:</b> Village of Gurnee Ethylene Oxide Risk

<b>Sample ID</b> Air-11197130-12/7/2019-V3-15	<b>Date:</b> 12/7/2019	<b>Time:</b> 12:39:57 PM	<b>Coordinates:</b> 42.392320, -87.927325
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<b>Sampler:</b> DH	<b>Sample Location:</b> Gallagher Corporation	<b>Pump ID:</b> 5043	<b>Start Time:</b> 12/7/2019 12:41:18 PM	<b>Stop Time:</b> 12/8/2019 11:49:04 AM	<b>Sample Period (min):</b> 1387.76667	<b>Sample Volume (L):</b> 0
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<b>Calibrator Model:</b>	<b>Calibrator Serial:</b>	<b>Pre Calibration Flow Rate (mL/min):</b>	<b>Post Calibration Flow Rate (mL/min):</b>	<b>Average Flow Rate (mL/min):</b>
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**Flow Rate Calculations**

Initial Gauge Pressure (In Hg) : 29.5  
 Final Pressure (In Hg): 7

**Comments:**

Summa canister serial number = 5043  
 Other serial number =  
 regulator serial number = 10294  
 ERG : PR-35  
 Gallagher Corporation

**Photo:**



# INTEGRATED AIR SAMPLES

<b>Client Name:</b> Village of Gurnee	<b>Site Location:</b> Village of Gurnee, IL
<b>Project Number:</b> 11197130	<b>Project Name:</b> Village of Gurnee Ethylene Oxide Risk

<b>Sample ID</b> Air-11197130-12/7/2019-V5-15	<b>Date:</b> 12/7/2019	<b>Time:</b> 12:52:21 PM	<b>Coordinates:</b> 42.392320, -87.927325
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<b>Sampler:</b> DH	<b>Sample Location:</b> ComEd Easement	<b>Pump ID:</b> 18874	<b>Start Time:</b> 12/7/2019 12:53:25 PM	<b>Stop Time:</b> 12/8/2019 12:13:10 PM	<b>Sample Period (min):</b> 1399.75	<b>Sample Volume (L):</b> 0
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<b>Calibrator Model:</b>	<b>Calibrator Serial:</b>	<b>Pre Calibration Flow Rate (mL/min):</b>	<b>Post Calibration Flow Rate (mL/min):</b>	<b>Average Flow Rate (mL/min):</b>
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**Flow Rate Calculations**

Initial Gauge Pressure (In Hg) : 29  
Final Pressure (In Hg): 4

**Comments:**

Summa canister serial number = 18874  
Other serial number =  
regulator serial number = 11925  
ERG : PR-46  
  
ComEd Easement

**Photo:**



# INTEGRATED AIR SAMPLES

<b>Client Name:</b> Village of Gurnee	<b>Site Location:</b> Village of Gurnee, IL
<b>Project Number:</b> 11197130	<b>Project Name:</b> Village of Gurnee Ethylene Oxide Risk

<b>Sample ID</b> Air-11197130-12/7/2019-R1-15	<b>Date:</b> 12/7/2019	<b>Time:</b> 1:13:27 PM	<b>Coordinates:</b> 42.347102, -87.927325
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<b>Sampler:</b> DH	<b>Sample Location:</b> O'Plaine Park	<b>Pump ID:</b> SAT170	<b>Start Time:</b> 12/7/2019 1:14:27 PM	<b>Stop Time:</b> 12/8/2019 12:28:04 PM	<b>Sample Period (min):</b> 1393.61667	<b>Sample Volume (L):</b> 0
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<b>Calibrator Model:</b>	<b>Calibrator Serial:</b>	<b>Pre Calibration Flow Rate (mL/min):</b>	<b>Post Calibration Flow Rate (mL/min):</b>	<b>Average Flow Rate (mL/min):</b>
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**Flow Rate Calculations**  
Initial Gauge Pressure (In Hg) : 30  
Final Pressure (In Hg): 7

**Comments:**  
  
Summa canister serial number = SAT170  
Other serial number =  
  
regulator serial number = 10315  
ERG : PR-41  
  
O'Plaine Park





# INTEGRATED AIR SAMPLES

<b>Client Name:</b> Village of Gurnee	<b>Site Location:</b> Village of Gurnee, IL
<b>Project Number:</b> 11197130	<b>Project Name:</b> Village of Gurnee Ethylene Oxide Risk

<b>Sample ID</b> Air-11197130-12/7/2019-R2-15	<b>Date:</b> 12/7/2019	<b>Time:</b> 1:37:26 PM	<b>Coordinates:</b> 42.347102, -87.972543
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<b>Sampler:</b> DH	<b>Sample Location:</b> Woodland Middle School	<b>Pump ID:</b> A21000	<b>Start Time:</b> 12/7/2019 1:38:49 PM	<b>Stop Time:</b> 12/8/2019 12:42:13 PM	<b>Sample Period (min):</b> 1383.4	<b>Sample Volume (L):</b> 0
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<b>Calibrator Model:</b>	<b>Calibrator Serial:</b>	<b>Pre Calibration Flow Rate (mL/min):</b>	<b>Post Calibration Flow Rate (mL/min):</b>	<b>Average Flow Rate (mL/min):</b>
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**Flow Rate Calculations**

Initial Gauge Pressure (In Hg) : 28.5  
 Final Pressure (In Hg): 6.5

**Comments:**

Summa canister serial number = A21000  
 Other serial number =  
 regulator serial number = 10077  
 ERG : PR-31  
 Woodland Middle School

**Photo:**



# INTEGRATED AIR SAMPLES

<b>Client Name:</b> Village of Gurnee	<b>Site Location:</b> Village of Gurnee, IL
<b>Project Number:</b> 11197130	<b>Project Name:</b> Village of Gurnee Ethylene Oxide Risk

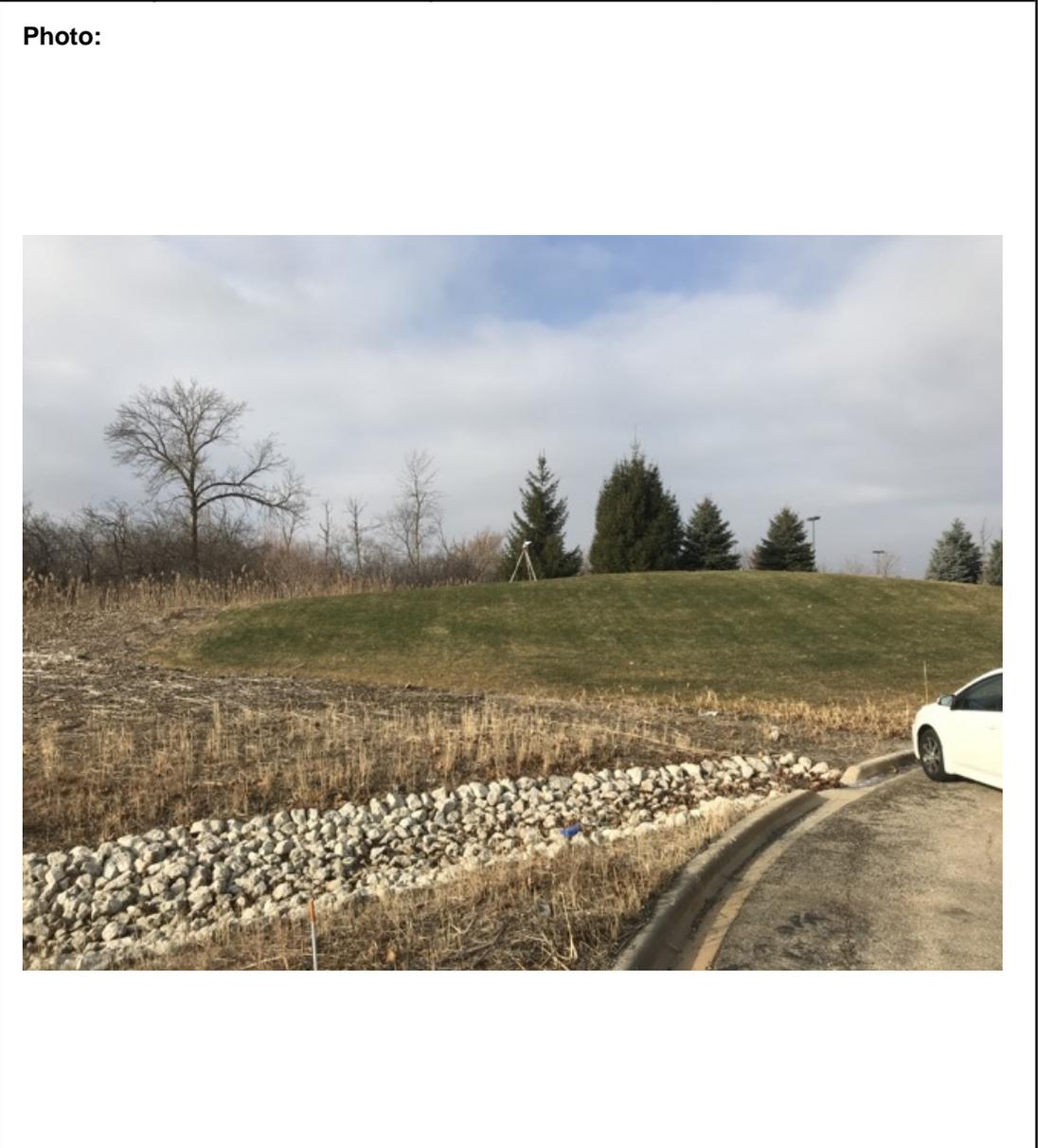
<b>Sample ID</b> Air-11197130-12/10/2019-M5-16	<b>Date:</b> 12/10/2019	<b>Time:</b> 9:48:47 AM	<b>Coordinates:</b> 42.340957, -87.892189
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<b>Sampler:</b> DS	<b>Sample Location:</b> Astronics	<b>Pump ID:</b> SAT171	<b>Start Time:</b> 12/10/2019 9:59:09 AM	<b>Stop Time:</b> 12/11/2019 8:47:20 AM	<b>Sample Period (min):</b> 1368.18333	<b>Sample Volume (L):</b> 0
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<b>Calibrator Model:</b>	<b>Calibrator Serial:</b>	<b>Pre Calibration Flow Rate (mL/min):</b>	<b>Post Calibration Flow Rate (mL/min):</b>	<b>Average Flow Rate (mL/min):</b>
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**Flow Rate Calculations**  
 Initial Gauge Pressure (In Hg) : >30  
 Final Pressure (In Hg): 8

**Comments:**  
 Summa canister serial number = SAT171  
 Other serial number =  
 regulator serial number = 12120  
 ERG : PR-48  
 Astronics





# INTEGRATED AIR SAMPLES

<b>Client Name:</b> Village of Gurnee	<b>Site Location:</b> Village of Gurnee, IL
<b>Project Number:</b> 11197130	<b>Project Name:</b> Village of Gurnee Ethylene Oxide Risk

<b>Sample ID</b> Air-11197130-12/10/2019-M3-16	<b>Date:</b> 12/10/2019	<b>Time:</b> 10:07:59 AM	<b>Coordinates:</b> 42.336845, -87.891172
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<b>Sampler:</b> DS	<b>Sample Location:</b> Amhurst Lake	<b>Pump ID:</b> SAT050	<b>Start Time:</b> 12/10/2019 10:14:35 AM	<b>Stop Time:</b> 12/11/2019 8:58:33 AM	<b>Sample Period (min):</b> 1363.96667	<b>Sample Volume (L):</b> 0
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<b>Calibrator Model:</b>	<b>Calibrator Serial:</b>	<b>Pre Calibration Flow Rate (mL/min):</b>	<b>Post Calibration Flow Rate (mL/min):</b>	<b>Average Flow Rate (mL/min):</b>
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**Flow Rate Calculations**  
Initial Gauge Pressure (In Hg) : 30  
Final Pressure (In Hg): 8

**Comments:**  
  
Summa canister serial number = SAT050  
Other serial number =  
  
regulator serial number = 10314  
ERG : PR-40  
  
Amhurst Lake

**Photo:**





# INTEGRATED AIR SAMPLES

<b>Client Name:</b> Village of Gurnee	<b>Site Location:</b> Village of Gurnee, IL
<b>Project Number:</b> 11197130	<b>Project Name:</b> Village of Gurnee Ethylene Oxide Risk

<b>Sample ID</b> Air-11197130-12/10/2019-M4-16	<b>Date:</b> 12/10/2019	<b>Time:</b> 10:23:09 AM	<b>Coordinates:</b> 42.337535, -87.881405
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<b>Sampler:</b> DS	<b>Sample Location:</b> Greenbelt FP	<b>Pump ID:</b> 18880	<b>Start Time:</b> 12/10/2019 10:31:37 AM	<b>Stop Time:</b> 12/11/2019 9:10:49 AM	<b>Sample Period (min):</b> 1359.2	<b>Sample Volume (L):</b> 0
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<b>Calibrator Model:</b>	<b>Calibrator Serial:</b>	<b>Pre Calibration Flow Rate (mL/min):</b>	<b>Post Calibration Flow Rate (mL/min):</b>	<b>Average Flow Rate (mL/min):</b>
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**Flow Rate Calculations**

Initial Gauge Pressure (In Hg) : 30  
Final Pressure (In Hg): 5

**Comments:**

Summa canister serial number = 18880  
Other serial number =  
regulator serial number = 12119  
ERG : PR-47  
Greenbelt FP

**Photo:**



# INTEGRATED AIR SAMPLES

<b>Client Name:</b> Village of Gurnee	<b>Site Location:</b> Village of Gurnee, IL
<b>Project Number:</b> 11197130	<b>Project Name:</b> Village of Gurnee Ethylene Oxide Risk

<b>Sample ID</b> Air-11197130-12/10/2019-M1-16	<b>Date:</b> 12/10/2019	<b>Time:</b> 10:40:11 AM	<b>Coordinates:</b> 42.342284, -87.880316
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<b>Sampler:</b> DS	<b>Sample Location:</b> Greenbelt Shelter B	<b>Pump ID:</b> SAT026	<b>Start Time:</b> 12/10/2019 10:46:05 AM	<b>Stop Time:</b> 12/11/2019 9:21:03 AM	<b>Sample Period (min):</b> 1354.96667	<b>Sample Volume (L):</b> 0
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<b>Calibrator Model:</b>	<b>Calibrator Serial:</b>	<b>Pre Calibration Flow Rate (mL/min):</b>	<b>Post Calibration Flow Rate (mL/min):</b>	<b>Average Flow Rate (mL/min):</b>
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**Flow Rate Calculations**

Initial Gauge Pressure (In Hg) : 28.5  
 Final Pressure (In Hg): 3

**Comments:**

Summa canister serial number = SAT026  
 Other serial number =  
 regulator serial number = 11924  
 ERG : PR-45  
 Greenbelt Shelter B

**Photo:**



# INTEGRATED AIR SAMPLES

<b>Client Name:</b> Village of Gurnee	<b>Site Location:</b> Village of Gurnee, IL
<b>Project Number:</b> 11197130	<b>Project Name:</b> Village of Gurnee Ethylene Oxide Risk

<b>Sample ID</b> Air-11197130-12/10/2019-M2-16	<b>Date:</b> 12/10/2019	<b>Time:</b> 10:56:02 AM	<b>Coordinates:</b> 42.349780, -87.878468
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<b>Sampler:</b> DS	<b>Sample Location:</b> Cristo Rey	<b>Pump ID:</b> SAT173	<b>Start Time:</b> 12/10/2019 11:03:06 AM	<b>Stop Time:</b> 12/11/2019 9:31:19 AM	<b>Sample Period (min):</b> 1348.21667	<b>Sample Volume (L):</b> 0
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<b>Calibrator Model:</b>	<b>Calibrator Serial:</b>	<b>Pre Calibration Flow Rate (mL/min):</b>	<b>Post Calibration Flow Rate (mL/min):</b>	<b>Average Flow Rate (mL/min):</b>
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**Flow Rate Calculations**

Initial Gauge Pressure (In Hg) : 28.5  
Final Pressure (In Hg): 6

**Comments:**

Summa canister serial number = SAT173  
Others serial number =  
regulator serial number = 10310  
ERG : PR-36  
  
Cristo Rey

**Photo:**



# INTEGRATED AIR SAMPLES

<b>Client Name:</b> Village of Gurnee	<b>Site Location:</b> Village of Gurnee, IL
<b>Project Number:</b> 11197130	<b>Project Name:</b> Village of Gurnee Ethylene Oxide Risk

<b>Sample ID</b> Air-11197130-12/10/2019-V1-16	<b>Date:</b> 12/10/2019	<b>Time:</b> 11:15:09 AM	<b>Coordinates:</b> 42.389651, -87.890039
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<b>Sampler:</b> DS	<b>Sample Location:</b> Spaulding Elementary	<b>Pump ID:</b> 0044	<b>Start Time:</b> 12/10/2019 11:24:33 AM	<b>Stop Time:</b> 12/11/2019 9:45:43 AM	<b>Sample Period (min):</b> 1341.16667	<b>Sample Volume (L):</b> 0
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<b>Calibrator Model:</b>	<b>Calibrator Serial:</b>	<b>Pre Calibration Flow Rate (mL/min):</b>	<b>Post Calibration Flow Rate (mL/min):</b>	<b>Average Flow Rate (mL/min):</b>
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**Flow Rate Calculations**

Initial Gauge Pressure (In Hg) : 29  
 Final Pressure (In Hg): 6

**Comments:**

Summa canister serial number = 0044  
 Other serial number =  
 regulator serial number = 11923  
 ERG : PR-44  
 Spaulding Elementary

**Photo:**





# INTEGRATED AIR SAMPLES

<b>Client Name:</b> Village of Gurnee	<b>Site Location:</b> Village of Gurnee, IL
<b>Project Number:</b> 11197130	<b>Project Name:</b> Village of Gurnee Ethylene Oxide Risk

<b>Sample ID</b> Air-11197130-12/10/2019-V2-16	<b>Date:</b> 12/10/2019	<b>Time:</b> 11:28:52 AM	<b>Coordinates:</b> 42.383035, -87.894211
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<b>Sampler:</b> DS	<b>Sample Location:</b> Keith Lot	<b>Pump ID:</b> SAT114	<b>Start Time:</b> 12/10/2019 11:40:27 AM	<b>Stop Time:</b> 12/11/2019 9:54:46 AM	<b>Sample Period (min):</b> 1334.31667	<b>Sample Volume (L):</b> 0
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<b>Calibrator Model:</b>	<b>Calibrator Serial:</b>	<b>Pre Calibration Flow Rate (mL/min):</b>	<b>Post Calibration Flow Rate (mL/min):</b>	<b>Average Flow Rate (mL/min):</b>
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**Flow Rate Calculations**

Initial Gauge Pressure (In Hg) : 29  
Final Pressure (In Hg): 8

**Comments:**

Summa canister serial number = SAT114  
Other serial number =  
regulator serial number = 10312  
ERG : PR-38  
  
Keith Lot

**Photo:**



# INTEGRATED AIR SAMPLES

<b>Client Name:</b> Village of Gurnee	<b>Site Location:</b> Village of Gurnee, IL
<b>Project Number:</b> 11197130	<b>Project Name:</b> Village of Gurnee Ethylene Oxide Risk

<b>Sample ID</b> Air-11197130-12/10/2019-V4-16	<b>Date:</b> 12/10/2019	<b>Time:</b> 11:48:48 AM	<b>Coordinates:</b> 42.377624, -87.899621
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<b>Sampler:</b> DS	<b>Sample Location:</b> Gurnee Glass	<b>Pump ID:</b> A21106	<b>Start Time:</b> 12/10/2019 11:52:44 AM	<b>Stop Time:</b> 12/11/2019 10:11:13 AM	<b>Sample Period (min):</b> 1338.48333	<b>Sample Volume (L):</b> 0
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<b>Calibrator Model:</b>	<b>Calibrator Serial:</b>	<b>Pre Calibration Flow Rate (mL/min):</b>	<b>Post Calibration Flow Rate (mL/min):</b>	<b>Average Flow Rate (mL/min):</b>
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**Flow Rate Calculations**

Initial Gauge Pressure (In Hg) : 26  
 Final Pressure (In Hg): 5.5

**Comments:**

Summa canister serial number = SAT068  
 Other serial number =  
 regulator serial number = 10311  
 ERG : PR-37  
 Gurnee Glass

**Photo:**



# INTEGRATED AIR SAMPLES

<b>Client Name:</b> Village of Gurnee	<b>Site Location:</b> Village of Gurnee, IL
<b>Project Number:</b> 11197130	<b>Project Name:</b> Village of Gurnee Ethylene Oxide Risk

<b>Sample ID</b> Air-11197130-12/10/2019-V3-16	<b>Date:</b> 12/10/2019	<b>Time:</b> 12:12:46 PM	<b>Coordinates:</b> 42.380550, -87.899563
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<b>Sampler:</b> DS	<b>Sample Location:</b> Gallagher Corporation	<b>Pump ID:</b> 5112	<b>Start Time:</b> 12/10/2019 12:18:04 PM	<b>Stop Time:</b> 12/11/2019 10:04:58 AM	<b>Sample Period (min):</b> 1306.9	<b>Sample Volume (L):</b> 0
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<b>Calibrator Model:</b>	<b>Calibrator Serial:</b>	<b>Pre Calibration Flow Rate (mL/min):</b>	<b>Post Calibration Flow Rate (mL/min):</b>	<b>Average Flow Rate (mL/min):</b>
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**Flow Rate Calculations**

Initial Gauge Pressure (In Hg) : 29  
 Final Pressure (In Hg): 9

**Comments:**

Summa canister serial number = 5112  
 Other serial number =  
 regulator serial number = 10294  
 ERG : PR-35  
 Gallagher Corporation

**Photo:**





# INTEGRATED AIR SAMPLES

<b>Client Name:</b> Village of Gurnee	<b>Site Location:</b> Village of Gurnee, IL
<b>Project Number:</b> 11197130	<b>Project Name:</b> Village of Gurnee Ethylene Oxide Risk

<b>Sample ID</b> Air-11197130-12/10/2019-V5-16	<b>Date:</b> 12/10/2019	<b>Time:</b> 12:22:50 PM	<b>Coordinates:</b> 42.386113, -87.905419
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<b>Sampler:</b> DS	<b>Sample Location:</b> ComEd Easement	<b>Pump ID:</b> 5020	<b>Start Time:</b> 12/10/2019 12:29:59 PM	<b>Stop Time:</b> 12/11/2019 10:20:54 AM	<b>Sample Period (min):</b> 1310.91667	<b>Sample Volume (L):</b> 0
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<b>Calibrator Model:</b>	<b>Calibrator Serial:</b>	<b>Pre Calibration Flow Rate (mL/min):</b>	<b>Post Calibration Flow Rate (mL/min):</b>	<b>Average Flow Rate (mL/min):</b>
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**Flow Rate Calculations**  
Initial Gauge Pressure (In Hg) : 29  
Final Pressure (In Hg): 6

**Comments:**  
  
Summa canister serial number = 5020  
Other serial number =  
  
regulator serial number = 11925  
ERG : PR-46  
  
ComEd Easement

**Photo:**





# INTEGRATED AIR SAMPLES

<b>Client Name:</b> Village of Gurnee	<b>Site Location:</b> Village of Gurnee, IL
<b>Project Number:</b> 11197130	<b>Project Name:</b> Village of Gurnee Ethylene Oxide Risk

<b>Sample ID</b> Air-11197130-12/10/2019-R1-16	<b>Date:</b> 12/10/2019	<b>Time:</b> 12:43:33 PM	<b>Coordinates:</b> 42.356397, -87.909700
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<b>Sampler:</b> DS	<b>Sample Location:</b> O'Plaine Park	<b>Pump ID:</b> SAT160	<b>Start Time:</b> 12/10/2019 12:54:26 PM	<b>Stop Time:</b> 12/11/2019 10:34:39 AM	<b>Sample Period (min):</b> 1300.21667	<b>Sample Volume (L):</b> 0
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<b>Calibrator Model:</b>	<b>Calibrator Serial:</b>	<b>Pre Calibration Flow Rate (mL/min):</b>	<b>Post Calibration Flow Rate (mL/min):</b>	<b>Average Flow Rate (mL/min):</b>
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**Flow Rate Calculations**

Initial Gauge Pressure (In Hg) : 29.5  
Final Pressure (In Hg): 9

**Comments:**

Summa canister serial number = SAT160  
Other serial number =  
regulator serial number = 10315  
ERG : PR-41  
  
O'Plaine Park

**Photo:**



# INTEGRATED AIR SAMPLES

<b>Client Name:</b> Village of Gurnee	<b>Site Location:</b> Village of Gurnee, IL
<b>Project Number:</b> 11197130	<b>Project Name:</b> Village of Gurnee Ethylene Oxide Risk

<b>Sample ID</b> Air-11197130-12/10/2019-R2-16	<b>Date:</b> 12/10/2019	<b>Time:</b> 1:03:43 PM	<b>Coordinates:</b> 42.365134, -87.970431
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<b>Sampler:</b> DS	<b>Sample Location:</b> Woodland Middle School	<b>Pump ID:</b> SAT044	<b>Start Time:</b> 12/10/2019 1:07:36 PM	<b>Stop Time:</b> 12/11/2019 10:44:09 AM	<b>Sample Period (min):</b> 1296.55	<b>Sample Volume (L):</b> 0
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<b>Calibrator Model:</b>	<b>Calibrator Serial:</b>	<b>Pre Calibration Flow Rate (mL/min):</b>	<b>Post Calibration Flow Rate (mL/min):</b>	<b>Average Flow Rate (mL/min):</b>
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**Flow Rate Calculations**  
Initial Gauge Pressure (In Hg) : 28.5  
Final Pressure (In Hg): 8

**Comments:**  
  
Summa canister serial number = SAT044  
Other serial number =  
  
regulator serial number = 10077  
ERG : PR-31  
  
Woodland Middle School

**Photo:**



# INTEGRATED AIR SAMPLES

<b>Client Name:</b> Village of Gurnee	<b>Site Location:</b> Village of Gurnee, IL
<b>Project Number:</b> 11197130	<b>Project Name:</b> Village of Gurnee Ethylene Oxide Risk

<b>Sample ID</b> Air-11197130-12/13/2019-M5-17	<b>Date:</b> 12/13/2019	<b>Time:</b> 9:53:49 AM	<b>Coordinates:</b> 42.340881, -87.892260
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<b>Sampler:</b> EM	<b>Sample Location:</b> Astronics	<b>Pump ID:</b> A21103	<b>Start Time:</b> 12/13/2019 10:00:14 AM	<b>Stop Time:</b> 12/14/2019 9:44:49 AM	<b>Sample Period (min):</b> 1424.58333	<b>Sample Volume (L):</b> 0
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<b>Calibrator Model:</b>	<b>Calibrator Serial:</b>	<b>Pre Calibration Flow Rate (mL/min):</b>	<b>Post Calibration Flow Rate (mL/min):</b>	<b>Average Flow Rate (mL/min):</b>
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**Flow Rate Calculations**

Initial Gauge Pressure (In Hg) : 30  
Final Pressure (In Hg): 14

**Comments:**

Summa canister serial number = A21103  
Other serial number =  
regulator serial number = 12120  
ERG : PR-48  
  
Astronics

**Photo:**



# INTEGRATED AIR SAMPLES

<b>Client Name:</b> Village of Gurnee	<b>Site Location:</b> Village of Gurnee, IL
<b>Project Number:</b> 11197130	<b>Project Name:</b> Village of Gurnee Ethylene Oxide Risk

<b>Sample ID</b> Air-11197130-12/13/2019-M3-17	<b>Date:</b> 12/13/2019	<b>Time:</b> 10:08:20 AM	<b>Coordinates:</b> 42.336803, -87.890981
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<b>Sampler:</b> EM	<b>Sample Location:</b> Amhurst Lake	<b>Pump ID:</b> AZ50	<b>Start Time:</b> 12/13/2019 10:14:40 AM	<b>Stop Time:</b> 12/14/2019 9:55:55 AM	<b>Sample Period (min):</b> 1421.25	<b>Sample Volume (L):</b> 0
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<b>Calibrator Model:</b>	<b>Calibrator Serial:</b>	<b>Pre Calibration Flow Rate (mL/min):</b>	<b>Post Calibration Flow Rate (mL/min):</b>	<b>Average Flow Rate (mL/min):</b>
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**Flow Rate Calculations**

Initial Gauge Pressure (In Hg) : 30  
Final Pressure (In Hg): 7

**Comments:**

Summa canister serial number = AZ50  
Other serial number = A10673  
  
regulator serial number = 10314  
ERG : PR-40

**Photo:**



# INTEGRATED AIR SAMPLES

<b>Client Name:</b> Village of Gurnee	<b>Site Location:</b> Village of Gurnee, IL
<b>Project Number:</b> 11197130	<b>Project Name:</b> Village of Gurnee Ethylene Oxide Risk

<b>Sample ID</b> Air-11197130-12/13/2019-M4-17	<b>Date:</b> 12/13/2019	<b>Time:</b> 10:23:30 AM	<b>Coordinates:</b> 42.337663, -87.881413
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<b>Sampler:</b> EM	<b>Sample Location:</b> Greenbelt	<b>Pump ID:</b> SAT137	<b>Start Time:</b> 12/13/2019 10:32:07 AM	<b>Stop Time:</b> 12/14/2019 10:08:13 AM	<b>Sample Period (min):</b> 1416.1	<b>Sample Volume (L):</b> 0
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<b>Calibrator Model:</b>	<b>Calibrator Serial:</b>	<b>Pre Calibration Flow Rate (mL/min):</b>	<b>Post Calibration Flow Rate (mL/min):</b>	<b>Average Flow Rate (mL/min):</b>
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**Flow Rate Calculations**  
 Initial Gauge Pressure (In Hg) : 29  
 Final Pressure (In Hg): 6

**Comments:**  
 Summa canister serial number = SAT137  
 Other serial number =  
 regulator serial number = 12119  
 ERG : PR-47





# INTEGRATED AIR SAMPLES

<b>Client Name:</b> Village of Gurnee	<b>Site Location:</b> Village of Gurnee, IL
<b>Project Number:</b> 11197130	<b>Project Name:</b> Village of Gurnee Ethylene Oxide Risk

<b>Sample ID</b> Air-11197130-12/13/2019-M1-17	<b>Date:</b> 12/13/2019	<b>Time:</b> 10:43:22 AM	<b>Coordinates:</b> 42.342134, -87.880706
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<b>Sampler:</b> EM	<b>Sample Location:</b> Greenbelt North	<b>Pump ID:</b> 5093	<b>Start Time:</b> 12/13/2019 10:48:25 AM	<b>Stop Time:</b> 12/14/2019 10:19:19 AM	<b>Sample Period (min):</b> 1410.9	<b>Sample Volume (L):</b> 0
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<b>Calibrator Model:</b>	<b>Calibrator Serial:</b>	<b>Pre Calibration Flow Rate (mL/min):</b>	<b>Post Calibration Flow Rate (mL/min):</b>	<b>Average Flow Rate (mL/min):</b>
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**Flow Rate Calculations**  
Initial Gauge Pressure (In Hg) : 29  
Final Pressure (In Hg): 5

**Comments:**  
Summa canister serial number = 5093  
Other serial number =  
regulator serial number = 11924  
ERG : PR-45





# INTEGRATED AIR SAMPLES

<b>Client Name:</b> Village of Gurnee	<b>Site Location:</b> Village of Gurnee, IL
<b>Project Number:</b> 11197130	<b>Project Name:</b> Village of Gurnee Ethylene Oxide Risk

<b>Sample ID</b> Air-11197130-12/13/2019-M2-17	<b>Date:</b> 12/13/2019	<b>Time:</b> 10:56:50 AM	<b>Coordinates:</b> 42.349607, -87.878684
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<b>Sampler:</b> EM	<b>Sample Location:</b> Christo Rey	<b>Pump ID:</b> 19283	<b>Start Time:</b> 12/13/2019 11:00:46 AM	<b>Stop Time:</b> 12/14/2019 10:32:17 AM	<b>Sample Period (min):</b> 1411.51667	<b>Sample Volume (L):</b> 0
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<b>Calibrator Model:</b>	<b>Calibrator Serial:</b>	<b>Pre Calibration Flow Rate (mL/min):</b>	<b>Post Calibration Flow Rate (mL/min):</b>	<b>Average Flow Rate (mL/min):</b>
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**Flow Rate Calculations**

Initial Gauge Pressure (In Hg) : 28  
Final Pressure (In Hg): 6

**Comments:**

Summa canister serial number = 19283  
Other serial number =  
regulator serial number = 10310  
ERG : PR-36

**Photo:**



# INTEGRATED AIR SAMPLES

<b>Client Name:</b> Village of Gurnee	<b>Site Location:</b> Village of Gurnee, IL
<b>Project Number:</b> 11197130	<b>Project Name:</b> Village of Gurnee Ethylene Oxide Risk

<b>Sample ID</b> Air-11197130-12/13/2019-V1-17	<b>Date:</b> 12/13/2019	<b>Time:</b> 11:14:07 AM	<b>Coordinates:</b> 42.389731, -87.890098
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<b>Sampler:</b> EM	<b>Sample Location:</b> Spaulding Elementary	<b>Pump ID:</b> 19655	<b>Start Time:</b> 12/13/2019 11:18:24 AM	<b>Stop Time:</b> 12/14/2019 10:51:09 AM	<b>Sample Period (min):</b> 1412.75	<b>Sample Volume (L):</b> 0
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<b>Calibrator Model:</b>	<b>Calibrator Serial:</b>	<b>Pre Calibration Flow Rate (mL/min):</b>	<b>Post Calibration Flow Rate (mL/min):</b>	<b>Average Flow Rate (mL/min):</b>
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**Flow Rate Calculations**  
Initial Gauge Pressure (In Hg) : 29  
Final Pressure (In Hg): 6

**Comments:**  
Summa canister serial number = 19655  
Other serial number =  
regulator serial number = 11923  
ERG : PR-44





# INTEGRATED AIR SAMPLES

<b>Client Name:</b> Village of Gurnee	<b>Site Location:</b> Village of Gurnee, IL
<b>Project Number:</b> 11197130	<b>Project Name:</b> Village of Gurnee Ethylene Oxide Risk

<b>Sample ID</b> Air-11197130-12/13/2019-V2-17	<b>Date:</b> 12/13/2019	<b>Time:</b> 11:24:28 AM	<b>Coordinates:</b> 42.383165, -87.894410
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<b>Sampler:</b> EM	<b>Sample Location:</b> Kieth	<b>Pump ID:</b> 18885	<b>Start Time:</b> 12/13/2019 11:26:58 AM	<b>Stop Time:</b> 12/14/2019 10:57:14 AM	<b>Sample Period (min):</b> 1410.26667	<b>Sample Volume (L):</b> 0
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<b>Calibrator Model:</b>	<b>Calibrator Serial:</b>	<b>Pre Calibration Flow Rate (mL/min):</b>	<b>Post Calibration Flow Rate (mL/min):</b>	<b>Average Flow Rate (mL/min):</b>
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**Flow Rate Calculations**  
Initial Gauge Pressure (In Hg) : 29  
Final Pressure (In Hg): 7

**Comments:**  
Summa canister serial number = 18885  
Other serial number =  
regulator serial number = 10312  
ERG : PR-38





# INTEGRATED AIR SAMPLES

<b>Client Name:</b> Village of Gurnee	<b>Site Location:</b> Village of Gurnee, IL
<b>Project Number:</b> 11197130	<b>Project Name:</b> Village of Gurnee Ethylene Oxide Risk

<b>Sample ID</b> Air-11197130-12/13/2019-V4-17	<b>Date:</b> 12/13/2019	<b>Time:</b> 11:36:49 AM	<b>Coordinates:</b> 42.377852, -87.900044
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<b>Sampler:</b> EM	<b>Sample Location:</b> Gurnee glass	<b>Pump ID:</b> 18837	<b>Start Time:</b> 12/13/2019 11:39:18 AM	<b>Stop Time:</b> 12/14/2019 11:04:10 AM	<b>Sample Period (min):</b> 1404.86667	<b>Sample Volume (L):</b> 0
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<b>Calibrator Model:</b>	<b>Calibrator Serial:</b>	<b>Pre Calibration Flow Rate (mL/min):</b>	<b>Post Calibration Flow Rate (mL/min):</b>	<b>Average Flow Rate (mL/min):</b>
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**Flow Rate Calculations**

Initial Gauge Pressure (In Hg) : 24  
 Final Pressure (In Hg): 1

**Comments:**

Summa canister serial number = 18837  
 Other serial number =  
 regulator serial number = 10311  
 ERG : PR-37

**Photo:**



# INTEGRATED AIR SAMPLES

**Client Name:**  
Village of Gurnee  
**Project Number:**  
11197130

**Site Location:**  
Village of Gurnee, IL  
**Project Name:**  
Village of Gurnee Ethylene Oxide Risk

<b>Sample ID</b> Air-11197130-12/13/2019-V3-17	<b>Date:</b> 12/13/2019	<b>Time:</b> 11:46:29 AM	<b>Coordinates:</b> 42.380547, -87.899697
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<b>Sampler:</b> EM	<b>Sample Location:</b> Gallagher	<b>Pump ID:</b> 18821	<b>Start Time:</b> 12/13/2019 11:49 AM	<b>Stop Time:</b> 12/14/2019 11:12:40 AM	<b>Sample Period (min):</b> 1403.66667	<b>Sample Volume (L):</b> 0
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<b>Calibrator Model:</b>	<b>Calibrator Serial:</b>	<b>Pre Calibration Flow Rate (mL/min):</b>	<b>Post Calibration Flow Rate (mL/min):</b>	<b>Average Flow Rate (mL/min):</b>
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**Flow Rate Calculations**

Initial Gauge Pressure (In Hg) : 28  
Final Pressure (In Hg): 4

**Comments:**

Summa canister serial number = 18821  
Other serial number =  
regulator serial number = 10294  
ERG : PR-35

**Photo:**





# INTEGRATED AIR SAMPLES

<b>Client Name:</b> Village of Gurnee	<b>Site Location:</b> Village of Gurnee, IL
<b>Project Number:</b> 11197130	<b>Project Name:</b> Village of Gurnee Ethylene Oxide Risk

<b>Sample ID</b> Air-11197130-12/13/2019-V5-17	<b>Date:</b> 12/13/2019	<b>Time:</b> 11:55:53 AM	<b>Coordinates:</b> 42.385715, -87.905714
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<b>Sampler:</b> EM	<b>Sample Location:</b> Com-ed	<b>Pump ID:</b> 18882	<b>Start Time:</b> 12/13/2019 11:59:14 AM	<b>Stop Time:</b> 12/14/2019 11:31:38 AM	<b>Sample Period (min):</b> 1412.4	<b>Sample Volume (L):</b> 0
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<b>Calibrator Model:</b>	<b>Calibrator Serial:</b>	<b>Pre Calibration Flow Rate (mL/min):</b>	<b>Post Calibration Flow Rate (mL/min):</b>	<b>Average Flow Rate (mL/min):</b>
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**Flow Rate Calculations**

Initial Gauge Pressure (In Hg) : 28  
Final Pressure (In Hg): 4

**Comments:**

Summa canister serial number = 18882  
Other serial number =  
regulator serial number = 11925  
ERG : PR-46

**Photo:**



# INTEGRATED AIR SAMPLES

<b>Client Name:</b> Village of Gurnee	<b>Site Location:</b> Village of Gurnee, IL
<b>Project Number:</b> 11197130	<b>Project Name:</b> Village of Gurnee Ethylene Oxide Risk

<b>Sample ID</b> Air-11197130-12/13/2019-R1-17	<b>Date:</b> 12/13/2019	<b>Time:</b> 12:15:42 PM	<b>Coordinates:</b> 42.356399, -87.909789
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<b>Sampler:</b> EM	<b>Sample Location:</b> O'plaine park	<b>Pump ID:</b> 18836	<b>Start Time:</b> 12/13/2019 12:21:10 PM	<b>Stop Time:</b> 12/14/2019 11:36:20 AM	<b>Sample Period (min):</b> 1395.16667	<b>Sample Volume (L):</b> 0
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<b>Calibrator Model:</b>	<b>Calibrator Serial:</b>	<b>Pre Calibration Flow Rate (mL/min):</b>	<b>Post Calibration Flow Rate (mL/min):</b>	<b>Average Flow Rate (mL/min):</b>
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**Flow Rate Calculations**

Initial Gauge Pressure (In Hg) : 29  
Final Pressure (In Hg): 7

**Comments:**

Summa canister serial number = 18836  
Other serial number =  
regulator serial number = 10315  
ERG : PR-41

**Photo:**



# INTEGRATED AIR SAMPLES

<b>Client Name:</b> Village of Gurnee	<b>Site Location:</b> Village of Gurnee, IL
<b>Project Number:</b> 11197130	<b>Project Name:</b> Village of Gurnee Ethylene Oxide Risk

<b>Sample ID</b> Air-11197130-12/13/2019-R2-17	<b>Date:</b> 12/13/2019	<b>Time:</b> 12:33:26 PM	<b>Coordinates:</b> 42.365047, -87.970947
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<b>Sampler:</b> Em	<b>Sample Location:</b> Woodland Middle School	<b>Pump ID:</b> A21098	<b>Start Time:</b> 12/13/2019 12:36:34 PM	<b>Stop Time:</b> 12/14/2019 11:48:41 AM	<b>Sample Period (min):</b> 1392.11667	<b>Sample Volume (L):</b> 0
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<b>Calibrator Model:</b>	<b>Calibrator Serial:</b>	<b>Pre Calibration Flow Rate (mL/min):</b>	<b>Post Calibration Flow Rate (mL/min):</b>	<b>Average Flow Rate (mL/min):</b>
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**Flow Rate Calculations**

Initial Gauge Pressure (In Hg) : 27  
Final Pressure (In Hg): 6

**Comments:**

Summa canister serial number = A21098  
Other serial number =  
regulator serial number = 10077  
ERG : PR-31

**Photo:**



# INTEGRATED AIR SAMPLES

<b>Client Name:</b> Village of Gurnee	<b>Site Location:</b> Village of Gurnee, IL
<b>Project Number:</b> 11197130	<b>Project Name:</b> Village of Gurnee Ethylene Oxide Risk

<b>Sample ID</b> Air-11197130-12/16/2019-M5-18	<b>Date:</b> 12/16/2019	<b>Time:</b> 9:53:55 AM	<b>Coordinates:</b> 42.340929, -87.892377
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<b>Sampler:</b> DS	<b>Sample Location:</b> Astronics	<b>Pump ID:</b> AZ36	<b>Start Time:</b> 12/16/2019 10:04:51 AM	<b>Stop Time:</b> 12/17/2019 9:38:09 AM	<b>Sample Period (min):</b> 1413.3	<b>Sample Volume (L):</b> 0
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<b>Calibrator Model:</b>	<b>Calibrator Serial:</b>	<b>Pre Calibration Flow Rate (mL/min):</b>	<b>Post Calibration Flow Rate (mL/min):</b>	<b>Average Flow Rate (mL/min):</b>
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**Flow Rate Calculations**  
Initial Gauge Pressure (In Hg) : 30  
Final Pressure (In Hg): 8

**Comments:**  
  
Summa canister serial number = AZ36  
Other serial number =  
  
regulator serial number = 12120  
ERG : PR-48  
  
Astronics





# INTEGRATED AIR SAMPLES

<b>Client Name:</b> Village of Gurnee	<b>Site Location:</b> Village of Gurnee, IL
<b>Project Number:</b> 11197130	<b>Project Name:</b> Village of Gurnee Ethylene Oxide Risk

<b>Sample ID</b> Air-11197130-12/16/2019-M3-18	<b>Date:</b> 12/16/2019	<b>Time:</b> 10:17:18 AM	<b>Coordinates:</b> 42.336767, -87.891189
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<b>Sampler:</b> DS	<b>Sample Location:</b> Amhurst Lake	<b>Pump ID:</b> 5007	<b>Start Time:</b> 12/16/2019 10:25:26 AM	<b>Stop Time:</b> 12/17/2019 9:53:28 AM	<b>Sample Period (min):</b> 1408.03333	<b>Sample Volume (L):</b> 0
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<b>Calibrator Model:</b>	<b>Calibrator Serial:</b>	<b>Pre Calibration Flow Rate (mL/min):</b>	<b>Post Calibration Flow Rate (mL/min):</b>	<b>Average Flow Rate (mL/min):</b>
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**Flow Rate Calculations**  
 Initial Gauge Pressure (In Hg) : 30  
 Final Pressure (In Hg): 8

**Comments:**  
 Summa canister serial number = 5007  
 Other serial number =  
 regulator serial number = 10314  
 ERG : PR-40  
 Amhurst Lake

**Photo:**





# INTEGRATED AIR SAMPLES

<b>Client Name:</b> Village of Gurnee	<b>Site Location:</b> Village of Gurnee, IL
<b>Project Number:</b> 11197130	<b>Project Name:</b> Village of Gurnee Ethylene Oxide Risk

<b>Sample ID</b> Air-11197130-12/16/2019-M4-18	<b>Date:</b> 12/16/2019	<b>Time:</b> 10:39:48 AM	<b>Coordinates:</b> 42.337522, -87.881417
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<b>Sampler:</b> DS	<b>Sample Location:</b> Greenbelt FP	<b>Pump ID:</b> 18872	<b>Start Time:</b> 12/16/2019 10:48:18 AM	<b>Stop Time:</b> 12/17/2019 10:00:38 AM	<b>Sample Period (min):</b> 1392.33333	<b>Sample Volume (L):</b> 0
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<b>Calibrator Model:</b>	<b>Calibrator Serial:</b>	<b>Pre Calibration Flow Rate (mL/min):</b>	<b>Post Calibration Flow Rate (mL/min):</b>	<b>Average Flow Rate (mL/min):</b>
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**Flow Rate Calculations**

Initial Gauge Pressure (In Hg) : 30  
Final Pressure (In Hg): 6

**Comments:**

Summa canister serial number = 18872  
Other serial number =  
regulator serial number = 12119  
ERG : PR-47  
Greenbelt FP

**Photo:**



# INTEGRATED AIR SAMPLES

<b>Client Name:</b> Village of Gurnee	<b>Site Location:</b> Village of Gurnee, IL
<b>Project Number:</b> 11197130	<b>Project Name:</b> Village of Gurnee Ethylene Oxide Risk

<b>Sample ID</b> Air-11197130-12/16/2019-M1-18	<b>Date:</b> 12/16/2019	<b>Time:</b> 11:01:45 AM	<b>Coordinates:</b> 42.341975, -87.880104
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<b>Sampler:</b> DS	<b>Sample Location:</b> Greenbelt Shelter B	<b>Pump ID:</b> SAT120	<b>Start Time:</b> 12/16/2019 11:12:33 AM	<b>Stop Time:</b> 12/17/2019 10:09:20 AM	<b>Sample Period (min):</b> 1376.78333	<b>Sample Volume (L):</b> 0
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<b>Calibrator Model:</b>	<b>Calibrator Serial:</b>	<b>Pre Calibration Flow Rate (mL/min):</b>	<b>Post Calibration Flow Rate (mL/min):</b>	<b>Average Flow Rate (mL/min):</b>
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**Flow Rate Calculations**  
Initial Gauge Pressure (In Hg) : 29.5  
Final Pressure (In Hg): 4

**Comments:**  
  
Summa canister serial number = SAT120  
Other serial number =  
  
regulator serial number = 11924  
ERG : PR-45  
  
Greenbelt Shelter B

**Photo:**





# INTEGRATED AIR SAMPLES

<b>Client Name:</b> Village of Gurnee	<b>Site Location:</b> Village of Gurnee, IL
<b>Project Number:</b> 11197130	<b>Project Name:</b> Village of Gurnee Ethylene Oxide Risk

<b>Sample ID</b> Air-11197130-12/16/2019-M2-18	<b>Date:</b> 12/16/2019	<b>Time:</b> 11:20:38 AM	<b>Coordinates:</b> 42.349617, -87.878364
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<b>Sampler:</b> DS	<b>Sample Location:</b> Cristo Rey	<b>Pump ID:</b> 22325	<b>Start Time:</b> 12/16/2019 11:26:20 AM	<b>Stop Time:</b> 12/17/2019 10:19:06 AM	<b>Sample Period (min):</b> 1372.76667	<b>Sample Volume (L):</b> 0
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<b>Calibrator Model:</b>	<b>Calibrator Serial:</b>	<b>Pre Calibration Flow Rate (mL/min):</b>	<b>Post Calibration Flow Rate (mL/min):</b>	<b>Average Flow Rate (mL/min):</b>
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**Flow Rate Calculations**  
Initial Gauge Pressure (In Hg) : 28.5  
Final Pressure (In Hg): 6

**Comments:**  
  
Summa canister serial number = 22325  
Others serial number =  
  
regulator serial number = 10310  
ERG : PR-36  
  
Cristo Rey

Photo:





# INTEGRATED AIR SAMPLES

<b>Client Name:</b> Village of Gurnee	<b>Site Location:</b> Village of Gurnee, IL
<b>Project Number:</b> 11197130	<b>Project Name:</b> Village of Gurnee Ethylene Oxide Risk

<b>Sample ID</b> Air-11197130-12/16/2019-V1-18	<b>Date:</b> 12/16/2019	<b>Time:</b> 11:39:02 AM	<b>Coordinates:</b> 42.389571, -87.890052
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<b>Sampler:</b> DS	<b>Sample Location:</b> Spaulding Elementary	<b>Pump ID:</b> A21011	<b>Start Time:</b> 12/16/2019 11:49:44 AM	<b>Stop Time:</b> 12/17/2019 10:31:53 AM	<b>Sample Period (min):</b> 1362.15	<b>Sample Volume (L):</b> 0
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<b>Calibrator Model:</b>	<b>Calibrator Serial:</b>	<b>Pre Calibration Flow Rate (mL/min):</b>	<b>Post Calibration Flow Rate (mL/min):</b>	<b>Average Flow Rate (mL/min):</b>
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**Flow Rate Calculations**  
Initial Gauge Pressure (In Hg) : 29.5  
Final Pressure (In Hg): 7

**Comments:**  
  
Summa canister serial number = A21011  
Other serial number =  
  
regulator serial number = 11923  
ERG : PR-44  
  
Spaulding Elementary

**Photo:**





# INTEGRATED AIR SAMPLES

<b>Client Name:</b> Village of Gurnee	<b>Site Location:</b> Village of Gurnee, IL
<b>Project Number:</b> 11197130	<b>Project Name:</b> Village of Gurnee Ethylene Oxide Risk

<b>Sample ID</b> Air-11197130-12/16/2019-V2-18	<b>Date:</b> 12/16/2019	<b>Time:</b> 11:55:50 AM	<b>Coordinates:</b> 42.383145, -87.894216
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<b>Sampler:</b> DS	<b>Sample Location:</b> Keith Lot	<b>Pump ID:</b> SAT139	<b>Start Time:</b> 12/16/2019 12:01 PM	<b>Stop Time:</b> 12/17/2019 10:37:51 AM	<b>Sample Period (min):</b> 1356.85	<b>Sample Volume (L):</b> 0
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<b>Calibrator Model:</b>	<b>Calibrator Serial:</b>	<b>Pre Calibration Flow Rate (mL/min):</b>	<b>Post Calibration Flow Rate (mL/min):</b>	<b>Average Flow Rate (mL/min):</b>
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**Flow Rate Calculations**  
Initial Gauge Pressure (In Hg) : 29  
Final Pressure (In Hg): 7

**Comments:**  
  
Summa canister serial number = SAT139  
Other serial number =  
  
regulator serial number = 10312  
ERG : PR-38  
  
Keith Lot

**Photo:**





# INTEGRATED AIR SAMPLES

<b>Client Name:</b> Village of Gurnee	<b>Site Location:</b> Village of Gurnee, IL
<b>Project Number:</b> 11197130	<b>Project Name:</b> Village of Gurnee Ethylene Oxide Risk

<b>Sample ID</b> Air-11197130-12/16/2019-V4-18	<b>Date:</b> 12/16/2019	<b>Time:</b> 12:11:30 PM	<b>Coordinates:</b> 42.377548, -87.899524
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<b>Sampler:</b> DS	<b>Sample Location:</b> Gurnee Glass	<b>Pump ID:</b> 5141	<b>Start Time:</b> 12/16/2019 12:21:34 PM	<b>Stop Time:</b> 12/17/2019 10:50:51 AM	<b>Sample Period (min):</b> 1349.28333	<b>Sample Volume (L):</b> 0
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<b>Calibrator Model:</b>	<b>Calibrator Serial:</b>	<b>Pre Calibration Flow Rate (mL/min):</b>	<b>Post Calibration Flow Rate (mL/min):</b>	<b>Average Flow Rate (mL/min):</b>
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**Flow Rate Calculations**

Initial Gauge Pressure (In Hg) : 24  
Final Pressure (In Hg): 3

**Comments:**

Summa canister serial number = 5141  
Other serial number =  
regulator serial number = 10311  
ERG : PR-37  
Gurnee Glass

**Photo:**



# INTEGRATED AIR SAMPLES

<b>Client Name:</b> Village of Gurnee	<b>Site Location:</b> Village of Gurnee, IL
<b>Project Number:</b> 11197130	<b>Project Name:</b> Village of Gurnee Ethylene Oxide Risk

<b>Sample ID</b> Air-11197130-12/16/2019-V3-18	<b>Date:</b> 12/16/2019	<b>Time:</b> 12:26:04 PM	<b>Coordinates:</b> 42.380465, -87.899795
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<b>Sampler:</b> DS	<b>Sample Location:</b> Gallagher Corporation	<b>Pump ID:</b> 5146	<b>Start Time:</b> 12/16/2019 12:30:21 PM	<b>Stop Time:</b> 12/17/2019 10:56:27 AM	<b>Sample Period (min):</b> 1346.1	<b>Sample Volume (L):</b> 0
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<b>Calibrator Model:</b>	<b>Calibrator Serial:</b>	<b>Pre Calibration Flow Rate (mL/min):</b>	<b>Post Calibration Flow Rate (mL/min):</b>	<b>Average Flow Rate (mL/min):</b>
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**Flow Rate Calculations**  
Initial Gauge Pressure (In Hg) : 29.5  
Final Pressure (In Hg): 8

**Comments:**  
  
Summa canister serial number = 5146  
Other serial number =  
  
regulator serial number = 10294  
ERG : PR-35  
  
Gallagher Corporation

**Photo:**





# INTEGRATED AIR SAMPLES

<b>Client Name:</b> Village of Gurnee	<b>Site Location:</b> Village of Gurnee, IL
<b>Project Number:</b> 11197130	<b>Project Name:</b> Village of Gurnee Ethylene Oxide Risk

<b>Sample ID</b> Air-11197130-12/16/2019-V5-18	<b>Date:</b> 12/16/2019	<b>Time:</b> 12:33:29 PM	<b>Coordinates:</b> 42.386158, -87.905604
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<b>Sampler:</b> DS	<b>Sample Location:</b> ComEd Easement	<b>Pump ID:</b> A22329	<b>Start Time:</b> 12/16/2019 12:41:23 PM	<b>Stop Time:</b> 12/17/2019 11:01:41 AM	<b>Sample Period (min):</b> 1340.3	<b>Sample Volume (L):</b> 0
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<b>Calibrator Model:</b>	<b>Calibrator Serial:</b>	<b>Pre Calibration Flow Rate (mL/min):</b>	<b>Post Calibration Flow Rate (mL/min):</b>	<b>Average Flow Rate (mL/min):</b>
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**Flow Rate Calculations**  
 Initial Gauge Pressure (In Hg) : 29  
 Final Pressure (In Hg): 5

**Comments:**  
 Summa canister serial number = A22329  
 Other serial number =  
 regulator serial number = 11925  
 ERG : PR-46  
 ComEd Easement

**Photo:**





# INTEGRATED AIR SAMPLES

<b>Client Name:</b> Village of Gurnee	<b>Site Location:</b> Village of Gurnee, IL
<b>Project Number:</b> 11197130	<b>Project Name:</b> Village of Gurnee Ethylene Oxide Risk

<b>Sample ID</b> Air-11197130-12/16/2019-R1-18	<b>Date:</b> 12/16/2019	<b>Time:</b> 12:52:47 PM	<b>Coordinates:</b> 42.356404, -87.909744
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<b>Sampler:</b> DS	<b>Sample Location:</b> O'Plaine Park	<b>Pump ID:</b> SAT036	<b>Start Time:</b> 12/16/2019 1:00:05 PM	<b>Stop Time:</b> 12/17/2019 11:14:31 AM	<b>Sample Period (min):</b> 1334.43333	<b>Sample Volume (L):</b> 0
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<b>Calibrator Model:</b>	<b>Calibrator Serial:</b>	<b>Pre Calibration Flow Rate (mL/min):</b>	<b>Post Calibration Flow Rate (mL/min):</b>	<b>Average Flow Rate (mL/min):</b>
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**Flow Rate Calculations**

Initial Gauge Pressure (In Hg) : 30  
Final Pressure (In Hg): 9

**Comments:**

Summa canister serial number = SAT036  
Other serial number =  
regulator serial number = 10315  
ERG : PR-41  
  
O'Plaine Park

**Photo:**



# INTEGRATED AIR SAMPLES

<b>Client Name:</b> Village of Gurnee	<b>Site Location:</b> Village of Gurnee, IL
<b>Project Number:</b> 11197130	<b>Project Name:</b> Village of Gurnee Ethylene Oxide Risk

<b>Sample ID</b> Air-11197130-12/16/2019-R2-18	<b>Date:</b> 12/16/2019	<b>Time:</b> 1:09:17 PM	<b>Coordinates:</b> 42.365024, -87.970438
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<b>Sampler:</b> DS	<b>Sample Location:</b> Woodland Middle School	<b>Pump ID:</b> AZ53	<b>Start Time:</b> 12/16/2019 1:13:42 PM	<b>Stop Time:</b> 12/17/2019 11:27:46 AM	<b>Sample Period (min):</b> 1334.06667	<b>Sample Volume (L):</b> 0
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<b>Calibrator Model:</b>	<b>Calibrator Serial:</b>	<b>Pre Calibration Flow Rate (mL/min):</b>	<b>Post Calibration Flow Rate (mL/min):</b>	<b>Average Flow Rate (mL/min):</b>
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**Flow Rate Calculations**

Initial Gauge Pressure (In Hg) : 28.5  
Final Pressure (In Hg): 7

**Comments:**

Summa canister serial number = AZ53  
Other serial number =  
regulator serial number = 10077  
ERG : PR-31  
  
Woodland Middle School

**Photo:**



# INTEGRATED AIR SAMPLES

<b>Client Name:</b> Village of Gurnee	<b>Site Location:</b> Village of Gurnee, IL
<b>Project Number:</b> 11197130	<b>Project Name:</b> Village of Gurnee Ethylene Oxide Risk

<b>Sample ID</b> Air-11197130-12/19/2019-M5-19	<b>Date:</b> 12/19/2019	<b>Time:</b> 9:51:55 AM	<b>Coordinates:</b> 42.340934, -87.892283
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<b>Sampler:</b> DS	<b>Sample Location:</b> Astronics	<b>Pump ID:</b> 19285	<b>Start Time:</b> 12/19/2019 10:00:42 AM	<b>Stop Time:</b> 12/20/2019 9:17:02 AM	<b>Sample Period (min):</b> 1396.33333	<b>Sample Volume (L):</b> 0
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<b>Calibrator Model:</b>	<b>Calibrator Serial:</b>	<b>Pre Calibration Flow Rate (mL/min):</b>	<b>Post Calibration Flow Rate (mL/min):</b>	<b>Average Flow Rate (mL/min):</b>
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**Flow Rate Calculations**  
 Initial Gauge Pressure (In Hg) : >30  
 Final Pressure (In Hg): 8.5

**Comments:**  
 Summa canister serial number = 19285  
 Other serial number =  
 regulator serial number = 12120  
 ERG : PR-48  
 Astronics

**Photo:**





# INTEGRATED AIR SAMPLES

<b>Client Name:</b> Village of Gurnee	<b>Site Location:</b> Village of Gurnee, IL
<b>Project Number:</b> 11197130	<b>Project Name:</b> Village of Gurnee Ethylene Oxide Risk

<b>Sample ID</b> Air-11197130-12/19/2019-M3-19	<b>Date:</b> 12/19/2019	<b>Time:</b> 10:16:06 AM	<b>Coordinates:</b> 42.336791, -87.891158
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<b>Sampler:</b> DS	<b>Sample Location:</b> Amhurst Lake	<b>Pump ID:</b> SAT108	<b>Start Time:</b> 12/19/2019 10:24:44 AM	<b>Stop Time:</b> 12/20/2019 9:37:25 AM	<b>Sample Period (min):</b> 1392.68333	<b>Sample Volume (L):</b> 0
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<b>Calibrator Model:</b>	<b>Calibrator Serial:</b>	<b>Pre Calibration Flow Rate (mL/min):</b>	<b>Post Calibration Flow Rate (mL/min):</b>	<b>Average Flow Rate (mL/min):</b>
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**Flow Rate Calculations**  
 Initial Gauge Pressure (In Hg) : 30  
 Final Pressure (In Hg): 7.5

**Comments:**  
 Summa canister serial number = SAT108  
 Other serial number =  
 regulator serial number = 10314  
 ERG : PR-40  
 Amhurst Lake

**Photo:**





# INTEGRATED AIR SAMPLES

<b>Client Name:</b> Village of Gurnee	<b>Site Location:</b> Village of Gurnee, IL
<b>Project Number:</b> 11197130	<b>Project Name:</b> Village of Gurnee Ethylene Oxide Risk

<b>Sample ID</b> Air-11197130-12/19/2019-M4-19	<b>Date:</b> 12/19/2019	<b>Time:</b> 10:31:41 AM	<b>Coordinates:</b> 42.337503, -87.881531
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<b>Sampler:</b> DS	<b>Sample Location:</b> Greenbelt FP	<b>Pump ID:</b> SAT159	<b>Start Time:</b> 12/19/2019 10:40:41 AM	<b>Stop Time:</b> 12/20/2019 9:55:20 AM	<b>Sample Period (min):</b> 1394.65	<b>Sample Volume (L):</b> 0
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<b>Calibrator Model:</b>	<b>Calibrator Serial:</b>	<b>Pre Calibration Flow Rate (mL/min):</b>	<b>Post Calibration Flow Rate (mL/min):</b>	<b>Average Flow Rate (mL/min):</b>
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**Flow Rate Calculations**  
 Initial Gauge Pressure (In Hg) : 30  
 Final Pressure (In Hg): 5

**Comments:**  
 Summa canister serial number = SAT159  
 Other serial number =  
 regulator serial number = 12119  
 ERG : PR-47  
 Greenbelt FP

**Photo:**





# INTEGRATED AIR SAMPLES

<b>Client Name:</b> Village of Gurnee	<b>Site Location:</b> Village of Gurnee, IL
<b>Project Number:</b> 11197130	<b>Project Name:</b> Village of Gurnee Ethylene Oxide Risk

<b>Sample ID</b> Air-11197130-12/19/2019-M1-19	<b>Date:</b> 12/19/2019	<b>Time:</b> 10:55:50 AM	<b>Coordinates:</b> 42.342345, -87.880185
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<b>Sampler:</b> DS	<b>Sample Location:</b> Greenbelt Shelter B	<b>Pump ID:</b> 5023	<b>Start Time:</b> 12/19/2019 11:04:50 AM	<b>Stop Time:</b> 12/20/2019 10:09:30 AM	<b>Sample Period (min):</b> 1384.66667	<b>Sample Volume (L):</b> 0
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<b>Calibrator Model:</b>	<b>Calibrator Serial:</b>	<b>Pre Calibration Flow Rate (mL/min):</b>	<b>Post Calibration Flow Rate (mL/min):</b>	<b>Average Flow Rate (mL/min):</b>
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**Flow Rate Calculations**  
 Initial Gauge Pressure (In Hg) : 29.5  
 Final Pressure (In Hg): 5

**Comments:**  
 Summa canister serial number = 5023  
 Other serial number =  
 regulator serial number = 11924  
 ERG : PR-45  
 Greenbelt Shelter B

**Photo:**





# INTEGRATED AIR SAMPLES

<b>Client Name:</b> Village of Gurnee	<b>Site Location:</b> Village of Gurnee, IL
<b>Project Number:</b> 11197130	<b>Project Name:</b> Village of Gurnee Ethylene Oxide Risk

<b>Sample ID</b> Air-11197130-12/19/2019-M2-19	<b>Date:</b> 12/19/2019	<b>Time:</b> 11:14:38 AM	<b>Coordinates:</b> 42.349705, -87.878498
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<b>Sampler:</b> DS	<b>Sample Location:</b> Cristo Rey	<b>Pump ID:</b> A21097	<b>Start Time:</b> 12/19/2019 11:21:01 AM	<b>Stop Time:</b> 12/20/2019 10:25:25 AM	<b>Sample Period (min):</b> 1384.4	<b>Sample Volume (L):</b> 0
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<b>Calibrator Model:</b>	<b>Calibrator Serial:</b>	<b>Pre Calibration Flow Rate (mL/min):</b>	<b>Post Calibration Flow Rate (mL/min):</b>	<b>Average Flow Rate (mL/min):</b>
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**Flow Rate Calculations**

Initial Gauge Pressure (In Hg) : 29  
 Final Pressure (In Hg): 5

**Comments:**

Summa canister serial number = A21097  
 Others serial number =  
 regulator serial number = 10310  
 ERG : PR-36  
 Cristo Rey

**Photo:**



# INTEGRATED AIR SAMPLES

<b>Client Name:</b> Village of Gurnee	<b>Site Location:</b> Village of Gurnee, IL
<b>Project Number:</b> 11197130	<b>Project Name:</b> Village of Gurnee Ethylene Oxide Risk

<b>Sample ID</b> Air-11197130-12/19/2019-V1-19	<b>Date:</b> 12/19/2019	<b>Time:</b> 11:30:43 AM	<b>Coordinates:</b> 42.389597, -87.890018
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<b>Sampler:</b> DS	<b>Sample Location:</b> Spaulding Elementary	<b>Pump ID:</b> SAT063	<b>Start Time:</b> 12/19/2019 11:39:44 AM	<b>Stop Time:</b> 12/20/2019 10:37:02 AM	<b>Sample Period (min):</b> 1377.3	<b>Sample Volume (L):</b> 0
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<b>Calibrator Model:</b>	<b>Calibrator Serial:</b>	<b>Pre Calibration Flow Rate (mL/min):</b>	<b>Post Calibration Flow Rate (mL/min):</b>	<b>Average Flow Rate (mL/min):</b>
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**Flow Rate Calculations**  
Initial Gauge Pressure (In Hg) : 30  
Final Pressure (In Hg): 6

**Comments:**  
  
Summa canister serial number = SAT063  
Other serial number =  
  
regulator serial number = 11923  
ERG : PR-44  
  
Spaulding Elementary

**Photo:**





# INTEGRATED AIR SAMPLES

<b>Client Name:</b> Village of Gurnee	<b>Site Location:</b> Village of Gurnee, IL
<b>Project Number:</b> 11197130	<b>Project Name:</b> Village of Gurnee Ethylene Oxide Risk

<b>Sample ID</b> Air-11197130-12/19/2019-V2-19	<b>Date:</b> 12/19/2019	<b>Time:</b> 11:44:42 AM	<b>Coordinates:</b> 42.383039, -87.894156
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<b>Sampler:</b> DS	<b>Sample Location:</b> Keith Lot	<b>Pump ID:</b> 5094	<b>Start Time:</b> 12/19/2019 11:49:26 AM	<b>Stop Time:</b> 12/20/2019 10:48:15 AM	<b>Sample Period (min):</b> 1378.81667	<b>Sample Volume (L):</b> 0
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<b>Calibrator Model:</b>	<b>Calibrator Serial:</b>	<b>Pre Calibration Flow Rate (mL/min):</b>	<b>Post Calibration Flow Rate (mL/min):</b>	<b>Average Flow Rate (mL/min):</b>
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**Flow Rate Calculations**  
 Initial Gauge Pressure (In Hg) : 29  
 Final Pressure (In Hg): 8.5

**Comments:**  
 Summa canister serial number = 5094  
 Other serial number =  
 regulator serial number = 10312  
 ERG : PR-38  
 Keith Lot





# INTEGRATED AIR SAMPLES

<b>Client Name:</b> Village of Gurnee	<b>Site Location:</b> Village of Gurnee, IL
<b>Project Number:</b> 11197130	<b>Project Name:</b> Village of Gurnee Ethylene Oxide Risk

<b>Sample ID</b> Air-11197130-12/19/2019-V4-19	<b>Date:</b> 12/19/2019	<b>Time:</b> 11:57:36 AM	<b>Coordinates:</b> 42.377643, -87.899638
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<b>Sampler:</b> DS	<b>Sample Location:</b> Gurnee Glass	<b>Pump ID:</b> A21069	<b>Start Time:</b> 12/19/2019 12:02:32 PM	<b>Stop Time:</b> 12/20/2019 10:57:39 AM	<b>Sample Period (min):</b> 1375.11667	<b>Sample Volume (L):</b> 0
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<b>Calibrator Model:</b>	<b>Calibrator Serial:</b>	<b>Pre Calibration Flow Rate (mL/min):</b>	<b>Post Calibration Flow Rate (mL/min):</b>	<b>Average Flow Rate (mL/min):</b>
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**Flow Rate Calculations**  
 Initial Gauge Pressure (In Hg) : 24  
 Final Pressure (In Hg): 1.5

**Comments:**  
 Summa canister serial number = A21069  
 Other serial number =  
 regulator serial number = 10311  
 ERG : PR-37  
 Gurnee Glass

**Photo:**





# INTEGRATED AIR SAMPLES

<b>Client Name:</b> Village of Gurnee	<b>Site Location:</b> Village of Gurnee, IL
<b>Project Number:</b> 11197130	<b>Project Name:</b> Village of Gurnee Ethylene Oxide Risk

<b>Sample ID</b> Air-11197130-12/19/2019-V3-19	<b>Date:</b> 12/19/2019	<b>Time:</b> 12:08:13 PM	<b>Coordinates:</b> 42.380619, -87.899672
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<b>Sampler:</b> DS	<b>Sample Location:</b> Gallagher Corporation	<b>Pump ID:</b> 19642	<b>Start Time:</b> 12/19/2019 12:13:23 PM	<b>Stop Time:</b> 12/20/2019 11:05:57 AM	<b>Sample Period (min):</b> 1372.56667	<b>Sample Volume (L):</b> 0
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<b>Calibrator Model:</b>	<b>Calibrator Serial:</b>	<b>Pre Calibration Flow Rate (mL/min):</b>	<b>Post Calibration Flow Rate (mL/min):</b>	<b>Average Flow Rate (mL/min):</b>
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**Flow Rate Calculations**  
Initial Gauge Pressure (In Hg) : 29  
Final Pressure (In Hg): 6

**Comments:**  
  
Summa canister serial number = 19642  
Other serial number =  
  
regulator serial number = 10294  
ERG : PR-35  
  
Gallagher Corporation

**Photo:**





# INTEGRATED AIR SAMPLES

<b>Client Name:</b> Village of Gurnee	<b>Site Location:</b> Village of Gurnee, IL
<b>Project Number:</b> 11197130	<b>Project Name:</b> Village of Gurnee Ethylene Oxide Risk

<b>Sample ID</b> Air-11197130-12/19/2019-V5-19	<b>Date:</b> 12/19/2019	<b>Time:</b> 12:17:11 PM	<b>Coordinates:</b> 42.385998, -87.905529
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<b>Sampler:</b> DS	<b>Sample Location:</b> ComEd Easement	<b>Pump ID:</b> 18825	<b>Start Time:</b> 12/19/2019 12:24:36 PM	<b>Stop Time:</b> 12/20/2019 11:12:34 AM	<b>Sample Period (min):</b> 1367.96667	<b>Sample Volume (L):</b> 0
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<b>Calibrator Model:</b>	<b>Calibrator Serial:</b>	<b>Pre Calibration Flow Rate (mL/min):</b>	<b>Post Calibration Flow Rate (mL/min):</b>	<b>Average Flow Rate (mL/min):</b>
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**Flow Rate Calculations**

Initial Gauge Pressure (In Hg) : 29  
Final Pressure (In Hg): 5

**Comments:**

Summa canister serial number = 18825  
Other serial number =  
regulator serial number = 11925  
ERG : PR-46  
  
ComEd Easement

**Photo:**



# INTEGRATED AIR SAMPLES

<b>Client Name:</b> Village of Gurnee	<b>Site Location:</b> Village of Gurnee, IL
<b>Project Number:</b> 11197130	<b>Project Name:</b> Village of Gurnee Ethylene Oxide Risk

<b>Sample ID</b> Air-11197130-12/19/2019-R1-19	<b>Date:</b> 12/19/2019	<b>Time:</b> 12:39:54 PM	<b>Coordinates:</b> 42.356443, -87.909826
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<b>Sampler:</b> DS	<b>Sample Location:</b> O'Plaine Park	<b>Pump ID:</b> SAT049	<b>Start Time:</b> 12/19/2019 12:47:37 PM	<b>Stop Time:</b> 12/20/2019 11:32:25 AM	<b>Sample Period (min):</b> 1364.8	<b>Sample Volume (L):</b> 0
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<b>Calibrator Model:</b>	<b>Calibrator Serial:</b>	<b>Pre Calibration Flow Rate (mL/min):</b>	<b>Post Calibration Flow Rate (mL/min):</b>	<b>Average Flow Rate (mL/min):</b>
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**Flow Rate Calculations**  
Initial Gauge Pressure (In Hg) : 30  
Final Pressure (In Hg): 9

**Comments:**  
  
Summa canister serial number = SAT049  
Other serial number =  
  
regulator serial number = 10315  
ERG : PR-41  
  
O'Plaine Park

**Photo:**





# INTEGRATED AIR SAMPLES

<b>Client Name:</b> Village of Gurnee	<b>Site Location:</b> Village of Gurnee, IL
<b>Project Number:</b> 11197130	<b>Project Name:</b> Village of Gurnee Ethylene Oxide Risk

<b>Sample ID</b> Air-11197130-12/19/2019-R2-19	<b>Date:</b> 12/19/2019	<b>Time:</b> 12:59:40 PM	<b>Coordinates:</b> 42.364981, -87.970424
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<b>Sampler:</b> DS	<b>Sample Location:</b> Woodland Middle School	<b>Pump ID:</b> 18873	<b>Start Time:</b> 12/19/2019 1:04:18 PM	<b>Stop Time:</b> 12/20/2019 11:55:04 AM	<b>Sample Period (min):</b> 1370.76667	<b>Sample Volume (L):</b> 0
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<b>Calibrator Model:</b>	<b>Calibrator Serial:</b>	<b>Pre Calibration Flow Rate (mL/min):</b>	<b>Post Calibration Flow Rate (mL/min):</b>	<b>Average Flow Rate (mL/min):</b>
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**Flow Rate Calculations**

Initial Gauge Pressure (In Hg) : 30  
Final Pressure (In Hg): 10

**Comments:**

Summa canister serial number = 18873  
Other serial number =  
regulator serial number = 10077  
ERG : PR-31  
  
Woodland Middle School

**Photo:**



# INTEGRATED AIR SAMPLES

<b>Client Name:</b> Village of Gurnee	<b>Site Location:</b> Village of Gurnee, IL
<b>Project Number:</b> 11197130	<b>Project Name:</b> Village of Gurnee Ethylene Oxide Risk

<b>Sample ID</b> Air-11197130-12/22/2019-M5-20	<b>Date:</b> 12/22/2019	<b>Time:</b> 10:30:37 AM	<b>Coordinates:</b> 42.340854, -87.892665
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<b>Sampler:</b> DH	<b>Sample Location:</b> Astronics	<b>Pump ID:</b> 5089	<b>Start Time:</b> 12/22/2019 10:31:47 AM	<b>Stop Time:</b> 12/23/2019 9:22:26 AM	<b>Sample Period (min):</b> 1370.65	<b>Sample Volume (L):</b> 0
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<b>Calibrator Model:</b>	<b>Calibrator Serial:</b>	<b>Pre Calibration Flow Rate (mL/min):</b>	<b>Post Calibration Flow Rate (mL/min):</b>	<b>Average Flow Rate (mL/min):</b>
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**Flow Rate Calculations**

Initial Gauge Pressure (In Hg) : > 30  
Final Pressure (In Hg): 10

**Comments:**

Summa canister serial number = 5089  
Other serial number =  
regulator serial number = 12120  
ERG : PR-48  
  
Astronics

**Photo:**



# INTEGRATED AIR SAMPLES

<b>Client Name:</b> Village of Gurnee	<b>Site Location:</b> Village of Gurnee, IL
<b>Project Number:</b> 11197130	<b>Project Name:</b> Village of Gurnee Ethylene Oxide Risk

<b>Sample ID</b> Air-11197130-12/22/2019-M3-20	<b>Date:</b> 12/22/2019	<b>Time:</b> 10:49:20 AM	<b>Coordinates:</b> 42.336639, -87.891537
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<b>Sampler:</b> DH	<b>Sample Location:</b> Amhurst Lake	<b>Pump ID:</b> SAT033	<b>Start Time:</b> 12/22/2019 10:50:22 AM	<b>Stop Time:</b> 12/23/2019 9:34:52 AM	<b>Sample Period (min):</b> 1364.5	<b>Sample Volume (L):</b> 0
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<b>Calibrator Model:</b>	<b>Calibrator Serial:</b>	<b>Pre Calibration Flow Rate (mL/min):</b>	<b>Post Calibration Flow Rate (mL/min):</b>	<b>Average Flow Rate (mL/min):</b>
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**Flow Rate Calculations**

Initial Gauge Pressure (In Hg) : > 30  
Final Pressure (In Hg): 8

**Comments:**

Summa canister serial number = SAT033  
Other serial number =  
regulator serial number = 10314  
ERG : PR-40  
  
Amhurst Lake

**Photo:**



# INTEGRATED AIR SAMPLES

<b>Client Name:</b> Village of Gurnee	<b>Site Location:</b> Village of Gurnee, IL
<b>Project Number:</b> 11197130	<b>Project Name:</b> Village of Gurnee Ethylene Oxide Risk

<b>Sample ID</b> Air-11197130-12/22/2019-M4-20	<b>Date:</b> 12/22/2019	<b>Time:</b> 11:09:51 AM	<b>Coordinates:</b> 42.337435, -87.881517
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<b>Sampler:</b> DH	<b>Sample Location:</b> Greenbelt FP	<b>Pump ID:</b> 5010	<b>Start Time:</b> 12/22/2019 11:11:10 AM	<b>Stop Time:</b> 12/23/2019 9:45:24 AM	<b>Sample Period (min):</b> 1354.23333	<b>Sample Volume (L):</b> 0
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<b>Calibrator Model:</b>	<b>Calibrator Serial:</b>	<b>Pre Calibration Flow Rate (mL/min):</b>	<b>Post Calibration Flow Rate (mL/min):</b>	<b>Average Flow Rate (mL/min):</b>
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**Flow Rate Calculations**  
 Initial Gauge Pressure (In Hg) : 29.5  
 Final Pressure (In Hg): 8

**Comments:**  
 Summa canister serial number = 5010  
 Other serial number =  
 regulator serial number = 12119  
 ERG : PR-47  
 Greenbelt FP





# INTEGRATED AIR SAMPLES

<b>Client Name:</b> Village of Gurnee	<b>Site Location:</b> Village of Gurnee, IL
<b>Project Number:</b> 11197130	<b>Project Name:</b> Village of Gurnee Ethylene Oxide Risk

<b>Sample ID</b> Air-11197130-12/22/2019-M1-20	<b>Date:</b> 12/22/2019	<b>Time:</b> 11:26:08 AM	<b>Coordinates:</b> 42.342313, -87.880369
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<b>Sampler:</b> DH	<b>Sample Location:</b> Greenbelt Shelter B	<b>Pump ID:</b> SAT184	<b>Start Time:</b> 12/22/2019 11:27:29 AM	<b>Stop Time:</b> 12/23/2019 9:52:50 AM	<b>Sample Period (min):</b> 1345.35	<b>Sample Volume (L):</b> 0
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<b>Calibrator Model:</b>	<b>Calibrator Serial:</b>	<b>Pre Calibration Flow Rate (mL/min):</b>	<b>Post Calibration Flow Rate (mL/min):</b>	<b>Average Flow Rate (mL/min):</b>
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**Flow Rate Calculations**

Initial Gauge Pressure (In Hg) : 29.5  
 Final Pressure (In Hg): 5.5

**Comments:**

Summa canister serial number = SAT184  
 Other serial number =  
 regulator serial number = 11924  
 ERG : PR-45  
 Greenbelt Shelter B

**Photo:**



# INTEGRATED AIR SAMPLES

<b>Client Name:</b> Village of Gurnee	<b>Site Location:</b> Village of Gurnee, IL
<b>Project Number:</b> 11197130	<b>Project Name:</b> Village of Gurnee Ethylene Oxide Risk

<b>Sample ID</b> Air-11197130-12/22/2019-M2-20	<b>Date:</b> 12/22/2019	<b>Time:</b> 11:44:27 AM	<b>Coordinates:</b> 42.349810, -87.878235
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<b>Sampler:</b> DH	<b>Sample Location:</b> Cristo Rey	<b>Pump ID:</b> A21083	<b>Start Time:</b> 12/22/2019 11:45:23 AM	<b>Stop Time:</b> 12/23/2019 10:01:29 AM	<b>Sample Period (min):</b> 1336.1	<b>Sample Volume (L):</b> 0
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<b>Calibrator Model:</b>	<b>Calibrator Serial:</b>	<b>Pre Calibration Flow Rate (mL/min):</b>	<b>Post Calibration Flow Rate (mL/min):</b>	<b>Average Flow Rate (mL/min):</b>
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**Flow Rate Calculations**

Initial Gauge Pressure (In Hg) : 28.5  
Final Pressure (In Hg): 6

**Comments:**

Summa canister serial number = A21083  
Others serial number =  
regulator serial number = 10310  
ERG : PR-36  
  
Cristo Rey

**Photo:**



# INTEGRATED AIR SAMPLES

<b>Client Name:</b> Village of Gurnee	<b>Site Location:</b> Village of Gurnee, IL
<b>Project Number:</b> 11197130	<b>Project Name:</b> Village of Gurnee Ethylene Oxide Risk

<b>Sample ID</b> Air-11197130-12/22/2019-V1-20	<b>Date:</b> 12/22/2019	<b>Time:</b> 12:04:12 PM	<b>Coordinates:</b> 42.389285, -87.890122
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<b>Sampler:</b> DH	<b>Sample Location:</b> Spaulding Elementary	<b>Pump ID:</b> SAT103	<b>Start Time:</b> 12/22/2019 12:05:16 PM	<b>Stop Time:</b> 12/23/2019 10:18:35 AM	<b>Sample Period (min):</b> 1333.31667	<b>Sample Volume (L):</b> 0
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<b>Calibrator Model:</b>	<b>Calibrator Serial:</b>	<b>Pre Calibration Flow Rate (mL/min):</b>	<b>Post Calibration Flow Rate (mL/min):</b>	<b>Average Flow Rate (mL/min):</b>
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**Flow Rate Calculations**

Initial Gauge Pressure (In Hg) : 29.5  
 Final Pressure (In Hg): 7.5

**Comments:**

Summa canister serial number = SAT103  
 Other serial number =  
 regulator serial number = 11923  
 ERG : PR-44  
 Spaulding Elementary

**Photo:**



# INTEGRATED AIR SAMPLES

<b>Client Name:</b> Village of Gurnee	<b>Site Location:</b> Village of Gurnee, IL
<b>Project Number:</b> 11197130	<b>Project Name:</b> Village of Gurnee Ethylene Oxide Risk

<b>Sample ID</b> Air-11197130-12/22/2019-V2-20	<b>Date:</b> 12/22/2019	<b>Time:</b> 12:19:37 PM	<b>Coordinates:</b> 42.382993, -87.894245
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<b>Sampler:</b> DH	<b>Sample Location:</b> Keith Lot	<b>Pump ID:</b> 18832	<b>Start Time:</b> 12/22/2019 12:20:35 PM	<b>Stop Time:</b> 12/23/2019 10:25:19 AM	<b>Sample Period (min):</b> 1324.73333	<b>Sample Volume (L):</b> 0
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<b>Calibrator Model:</b>	<b>Calibrator Serial:</b>	<b>Pre Calibration Flow Rate (mL/min):</b>	<b>Post Calibration Flow Rate (mL/min):</b>	<b>Average Flow Rate (mL/min):</b>
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**Flow Rate Calculations**

Initial Gauge Pressure (In Hg) : 30  
Final Pressure (In Hg): 9

**Comments:**

Summa canister serial number = 18832  
Other serial number =  
regulator serial number = 10312  
ERG : PR-38  
  
Keith Lot

**Photo:**



# INTEGRATED AIR SAMPLES

<b>Client Name:</b> Village of Gurnee	<b>Site Location:</b> Village of Gurnee, IL
<b>Project Number:</b> 11197130	<b>Project Name:</b> Village of Gurnee Ethylene Oxide Risk

<b>Sample ID</b> Air-11197130-12/22/2019-V4-20	<b>Date:</b> 12/22/2019	<b>Time:</b> 12:36:22 PM	<b>Coordinates:</b> 42.377835, -87.899758
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<b>Sampler:</b> DH	<b>Sample Location:</b> Gurnee Glass	<b>Pump ID:</b> SAT157	<b>Start Time:</b> 12/22/2019 12:37:48 PM	<b>Stop Time:</b> 12/23/2019 10:32:18 AM	<b>Sample Period (min):</b> 1314.5	<b>Sample Volume (L):</b> 0
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<b>Calibrator Model:</b>	<b>Calibrator Serial:</b>	<b>Pre Calibration Flow Rate (mL/min):</b>	<b>Post Calibration Flow Rate (mL/min):</b>	<b>Average Flow Rate (mL/min):</b>
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**Flow Rate Calculations**  
 Initial Gauge Pressure (In Hg) : 24  
 Final Pressure (In Hg): 3

**Comments:**  
 Summa canister serial number = SAT157  
 Other serial number =  
 regulator serial number = 10311  
 ERG : PR-37  
 Gurnee Glass





# INTEGRATED AIR SAMPLES

<b>Client Name:</b> Village of Gurnee	<b>Site Location:</b> Village of Gurnee, IL
<b>Project Number:</b> 11197130	<b>Project Name:</b> Village of Gurnee Ethylene Oxide Risk

<b>Sample ID</b> Air-11197130-12/22/2019-V3-20	<b>Date:</b> 12/22/2019	<b>Time:</b> 12:51:16 PM	<b>Coordinates:</b> 42.380437, -87.899341
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<b>Sampler:</b> DH	<b>Sample Location:</b> Gallagher Corporation	<b>Pump ID:</b> SAT178	<b>Start Time:</b> 12/22/2019 12:52:21 PM	<b>Stop Time:</b> 12/23/2019 10:39:09 AM	<b>Sample Period (min):</b> 1306.8	<b>Sample Volume (L):</b> 0
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<b>Calibrator Model:</b>	<b>Calibrator Serial:</b>	<b>Pre Calibration Flow Rate (mL/min):</b>	<b>Post Calibration Flow Rate (mL/min):</b>	<b>Average Flow Rate (mL/min):</b>
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**Flow Rate Calculations**  
 Initial Gauge Pressure (In Hg) : 30  
 Final Pressure (In Hg): 8

**Comments:**  
 Summa canister serial number = SAT178  
 Other serial number =  
 regulator serial number = 10294  
 ERG : PR-35  
 Gallagher Corporation





# INTEGRATED AIR SAMPLES

<b>Client Name:</b> Village of Gurnee	<b>Site Location:</b> Village of Gurnee, IL
<b>Project Number:</b> 11197130	<b>Project Name:</b> Village of Gurnee Ethylene Oxide Risk

<b>Sample ID</b> Air-11197130-12/22/2019-V5-20	<b>Date:</b> 12/22/2019	<b>Time:</b> 1:05:32 PM	<b>Coordinates:</b> 42.385855, -87.905717
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<b>Sampler:</b> DH	<b>Sample Location:</b> ComEd Easement	<b>Pump ID:</b> 19656	<b>Start Time:</b> 12/22/2019 1:06:57 PM	<b>Stop Time:</b> 12/23/2019 10:49:55 AM	<b>Sample Period (min):</b> 1302.96667	<b>Sample Volume (L):</b> 0
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<b>Calibrator Model:</b>	<b>Calibrator Serial:</b>	<b>Pre Calibration Flow Rate (mL/min):</b>	<b>Post Calibration Flow Rate (mL/min):</b>	<b>Average Flow Rate (mL/min):</b>
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**Flow Rate Calculations**

Initial Gauge Pressure (In Hg) : 29  
Final Pressure (In Hg): 7

**Comments:**

Summa canister serial number = 19656  
Other serial number =  
regulator serial number = 11925  
ERG : PR-46  
  
ComEd Easement

**Photo:**



# INTEGRATED AIR SAMPLES

<b>Client Name:</b> Village of Gurnee	<b>Site Location:</b> Village of Gurnee, IL
<b>Project Number:</b> 11197130	<b>Project Name:</b> Village of Gurnee Ethylene Oxide Risk

<b>Sample ID</b> Air-11197130-12/22/2019-R1-20	<b>Date:</b> 12/22/2019	<b>Time:</b> 1:31:04 PM	<b>Coordinates:</b> 42.355912, -87.910301
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<b>Sampler:</b> DH	<b>Sample Location:</b> O'Plaine Park	<b>Pump ID:</b> A245	<b>Start Time:</b> 12/22/2019 1:32:03 PM	<b>Stop Time:</b> 12/23/2019 11:07:01 AM	<b>Sample Period (min):</b> 1294.96667	<b>Sample Volume (L):</b> 0
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<b>Calibrator Model:</b>	<b>Calibrator Serial:</b>	<b>Pre Calibration Flow Rate (mL/min):</b>	<b>Post Calibration Flow Rate (mL/min):</b>	<b>Average Flow Rate (mL/min):</b>
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**Flow Rate Calculations**

Initial Gauge Pressure (In Hg) : 30  
Final Pressure (In Hg): 9

**Comments:**

Summa canister serial number = A245  
Other serial number =  
regulator serial number = 10315  
ERG : PR-41  
  
O'Plaine Park

**Photo:**



# INTEGRATED AIR SAMPLES

<b>Client Name:</b> Village of Gurnee	<b>Site Location:</b> Village of Gurnee, IL
<b>Project Number:</b> 11197130	<b>Project Name:</b> Village of Gurnee Ethylene Oxide Risk

<b>Sample ID</b> Air-11197130-12/22/2019-R2-20	<b>Date:</b> 12/22/2019	<b>Time:</b> 1:50:13 PM	<b>Coordinates:</b> 42.364906, -87.970875
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<b>Sampler:</b> DH	<b>Sample Location:</b> Woodland Middle School	<b>Pump ID:</b> 18827	<b>Start Time:</b> 12/22/2019 1:51:15 PM	<b>Stop Time:</b> 12/23/2019 11:22:40 AM	<b>Sample Period (min):</b> 1291.41667	<b>Sample Volume (L):</b> 0
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<b>Calibrator Model:</b>	<b>Calibrator Serial:</b>	<b>Pre Calibration Flow Rate (mL/min):</b>	<b>Post Calibration Flow Rate (mL/min):</b>	<b>Average Flow Rate (mL/min):</b>
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**Flow Rate Calculations**

Initial Gauge Pressure (In Hg) : > 30  
Final Pressure (In Hg): 11

**Comments:**

Summa canister serial number = 18827  
Other serial number =  
regulator serial number = 10077  
ERG : PR-31  
  
Woodland Middle School

**Photo:**



# INTEGRATED AIR SAMPLES

<b>Client Name:</b> Village of Gurnee	<b>Site Location:</b> Village of Gurnee, IL
<b>Project Number:</b> 11197130	<b>Project Name:</b> Village of Gurnee Ethylene Oxide Risk

<b>Sample ID</b> Air-11197130-12/25/2019-M5-21	<b>Date:</b> 12/25/2019	<b>Time:</b> 9:50:54 AM	<b>Coordinates:</b> 42.340963, -87.892369
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<b>Sampler:</b> DS	<b>Sample Location:</b> Astronics	<b>Pump ID:</b> AZ49	<b>Start Time:</b> 12/25/2019 10:02:43 AM	<b>Stop Time:</b> 12/26/2019 8:51:08 AM	<b>Sample Period (min):</b> 1368.41667	<b>Sample Volume (L):</b> 0
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<b>Calibrator Model:</b>	<b>Calibrator Serial:</b>	<b>Pre Calibration Flow Rate (mL/min):</b>	<b>Post Calibration Flow Rate (mL/min):</b>	<b>Average Flow Rate (mL/min):</b>
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**Flow Rate Calculations**  
 Initial Gauge Pressure (In Hg) : 30  
 Final Pressure (In Hg): 10

**Comments:**  
 Summa canister serial number = 5089  
 Other serial number =  
 regulator serial number = 12120  
 ERG : PR-48  
 Astronics

**Photo:**





# INTEGRATED AIR SAMPLES

<b>Client Name:</b> Village of Gurnee	<b>Site Location:</b> Village of Gurnee, IL
<b>Project Number:</b> 11197130	<b>Project Name:</b> Village of Gurnee Ethylene Oxide Risk

<b>Sample ID</b> Air-11197130-12/25/2019-M3-21	<b>Date:</b> 12/25/2019	<b>Time:</b> 10:09:32 AM	<b>Coordinates:</b> 42.336851, -87.891096
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<b>Sampler:</b> DS	<b>Sample Location:</b> Amhurst Lake	<b>Pump ID:</b> 5105	<b>Start Time:</b> 12/25/2019 10:18:04 AM	<b>Stop Time:</b> 12/26/2019 9:04:19 AM	<b>Sample Period (min):</b> 1366.25	<b>Sample Volume (L):</b> 0
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<b>Calibrator Model:</b>	<b>Calibrator Serial:</b>	<b>Pre Calibration Flow Rate (mL/min):</b>	<b>Post Calibration Flow Rate (mL/min):</b>	<b>Average Flow Rate (mL/min):</b>
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**Flow Rate Calculations**  
Initial Gauge Pressure (In Hg) : 30  
Final Pressure (In Hg): 9

**Comments:**  
  
Summa canister serial number = 5105  
Other serial number =  
  
regulator serial number = 10314  
ERG : PR-40  
  
Amhurst Lake





# INTEGRATED AIR SAMPLES

<b>Client Name:</b> Village of Gurnee	<b>Site Location:</b> Village of Gurnee, IL
<b>Project Number:</b> 11197130	<b>Project Name:</b> Village of Gurnee Ethylene Oxide Risk

<b>Sample ID</b> Air-11197130-12/25/2019-M4-21	<b>Date:</b> 12/25/2019	<b>Time:</b> 10:25:49 AM	<b>Coordinates:</b> 42.337543, -87.881448
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<b>Sampler:</b> DS	<b>Sample Location:</b> Greenbelt FP	<b>Pump ID:</b> 5034	<b>Start Time:</b> 12/25/2019 10:32:59 AM	<b>Stop Time:</b> 12/26/2019 9:14:07 AM	<b>Sample Period (min):</b> 1361.13333	<b>Sample Volume (L):</b> 0
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<b>Calibrator Model:</b>	<b>Calibrator Serial:</b>	<b>Pre Calibration Flow Rate (mL/min):</b>	<b>Post Calibration Flow Rate (mL/min):</b>	<b>Average Flow Rate (mL/min):</b>
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**Flow Rate Calculations**  
Initial Gauge Pressure (In Hg) : 29  
Final Pressure (In Hg): 8

**Comments:**  
  
Summa canister serial number = 5034  
Other serial number =  
  
regulator serial number = 12119  
ERG : PR-47  
  
Greenbelt FP

**Photo:**



# INTEGRATED AIR SAMPLES

<b>Client Name:</b> Village of Gurnee	<b>Site Location:</b> Village of Gurnee, IL
<b>Project Number:</b> 11197130	<b>Project Name:</b> Village of Gurnee Ethylene Oxide Risk

<b>Sample ID</b> Air-11197130-12/25/2019-M1-21	<b>Date:</b> 12/25/2019	<b>Time:</b> 10:39:46 AM	<b>Coordinates:</b> 42.342365, -87.880389
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<b>Sampler:</b> DS	<b>Sample Location:</b> Greenbelt Shelter B	<b>Pump ID:</b> 18822	<b>Start Time:</b> 12/25/2019 10:47:30 AM	<b>Stop Time:</b> 12/26/2019 9:24:40 AM	<b>Sample Period (min):</b> 1357.16667	<b>Sample Volume (L):</b> 0
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<b>Calibrator Model:</b>	<b>Calibrator Serial:</b>	<b>Pre Calibration Flow Rate (mL/min):</b>	<b>Post Calibration Flow Rate (mL/min):</b>	<b>Average Flow Rate (mL/min):</b>
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**Flow Rate Calculations**  
Initial Gauge Pressure (In Hg) : 30  
Final Pressure (In Hg): 6

**Comments:**  
  
Summa canister serial number = 18822  
Other serial number =  
  
regulator serial number = 11924  
ERG : PR-45  
  
Greenbelt Shelter B

**Photo:**





# INTEGRATED AIR SAMPLES

<b>Client Name:</b> Village of Gurnee	<b>Site Location:</b> Village of Gurnee, IL
<b>Project Number:</b> 11197130	<b>Project Name:</b> Village of Gurnee Ethylene Oxide Risk

<b>Sample ID</b> Air-11197130-12/25/2019-M2-21	<b>Date:</b> 12/25/2019	<b>Time:</b> 10:54:12 AM	<b>Coordinates:</b> 42.349748, -87.878534
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<b>Sampler:</b> DS	<b>Sample Location:</b> Cristo Rey	<b>Pump ID:</b> SAT060	<b>Start Time:</b> 12/25/2019 11:02:43 AM	<b>Stop Time:</b> 12/26/2019 9:38:41 AM	<b>Sample Period (min):</b> 1355.96667	<b>Sample Volume (L):</b> 0
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<b>Calibrator Model:</b>	<b>Calibrator Serial:</b>	<b>Pre Calibration Flow Rate (mL/min):</b>	<b>Post Calibration Flow Rate (mL/min):</b>	<b>Average Flow Rate (mL/min):</b>
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**Flow Rate Calculations**

Initial Gauge Pressure (In Hg) : 29  
Final Pressure (In Hg): 6

**Comments:**

Summa canister serial number = SAT060  
Others serial number =  
regulator serial number = 10310  
ERG : PR-36  
  
Cristo Rey

**Photo:**



# INTEGRATED AIR SAMPLES

<b>Client Name:</b> Village of Gurnee	<b>Site Location:</b> Village of Gurnee, IL
<b>Project Number:</b> 11197130	<b>Project Name:</b> Village of Gurnee Ethylene Oxide Risk

<b>Sample ID</b> Air-11197130-12/25/2019-V1-21	<b>Date:</b> 12/25/2019	<b>Time:</b> 11:10:50 AM	<b>Coordinates:</b> 42.389726, -87.890038
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<b>Sampler:</b> DS	<b>Sample Location:</b> Spaulding Elementary	<b>Pump ID:</b> 5079	<b>Start Time:</b> 12/25/2019 11:18:47 AM	<b>Stop Time:</b> 12/26/2019 9:52:24 AM	<b>Sample Period (min):</b> 1353.61667	<b>Sample Volume (L):</b> 0
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<b>Calibrator Model:</b>	<b>Calibrator Serial:</b>	<b>Pre Calibration Flow Rate (mL/min):</b>	<b>Post Calibration Flow Rate (mL/min):</b>	<b>Average Flow Rate (mL/min):</b>
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**Flow Rate Calculations**

Initial Gauge Pressure (In Hg) : 29  
Final Pressure (In Hg): 9

**Comments:**

Summa canister serial number = 5079  
Other serial number =  
regulator serial number = 11923  
ERG : PR-44  
  
Spaulding Elementary

**Photo:**



# INTEGRATED AIR SAMPLES

<b>Client Name:</b> Village of Gurnee	<b>Site Location:</b> Village of Gurnee, IL
<b>Project Number:</b> 11197130	<b>Project Name:</b> Village of Gurnee Ethylene Oxide Risk

<b>Sample ID</b> Air-11197130-12/25/2019-V2-21	<b>Date:</b> 12/25/2019	<b>Time:</b> 11:22:11 AM	<b>Coordinates:</b> 42.383061, -87.894127
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<b>Sampler:</b> DS	<b>Sample Location:</b> Keith Lot	<b>Pump ID:</b> SAT147	<b>Start Time:</b> 12/25/2019 11:28:33 AM	<b>Stop Time:</b> 12/26/2019 10:00:12 AM	<b>Sample Period (min):</b> 1351.65	<b>Sample Volume (L):</b> 0
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<b>Calibrator Model:</b>	<b>Calibrator Serial:</b>	<b>Pre Calibration Flow Rate (mL/min):</b>	<b>Post Calibration Flow Rate (mL/min):</b>	<b>Average Flow Rate (mL/min):</b>
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**Flow Rate Calculations**  
 Initial Gauge Pressure (In Hg) : 29.5  
 Final Pressure (In Hg): 9

**Comments:**  
 Summa canister serial number = SAT147  
 Other serial number =  
 regulator serial number = 10312  
 ERG : PR-38  
 Keith Lot

**Photo:**





# INTEGRATED AIR SAMPLES

<b>Client Name:</b> Village of Gurnee	<b>Site Location:</b> Village of Gurnee, IL
<b>Project Number:</b> 11197130	<b>Project Name:</b> Village of Gurnee Ethylene Oxide Risk

<b>Sample ID</b> Air-11197130-12/25/2019-V4-21	<b>Date:</b> 12/25/2019	<b>Time:</b> 11:34:45 AM	<b>Coordinates:</b> 42.377584, -87.899541
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<b>Sampler:</b> DS	<b>Sample Location:</b> Gurnee Glass	<b>Pump ID:</b> 18884	<b>Start Time:</b> 12/25/2019 11:41:43 AM	<b>Stop Time:</b> 12/26/2019 10:09:22 AM	<b>Sample Period (min):</b> 1347.65	<b>Sample Volume (L):</b> 0
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<b>Calibrator Model:</b>	<b>Calibrator Serial:</b>	<b>Pre Calibration Flow Rate (mL/min):</b>	<b>Post Calibration Flow Rate (mL/min):</b>	<b>Average Flow Rate (mL/min):</b>
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**Flow Rate Calculations**  
 Initial Gauge Pressure (In Hg) : 24  
 Final Pressure (In Hg): 3

**Comments:**  
 Summa canister serial number = 18884  
 Other serial number =  
 regulator serial number = 10311  
 ERG : PR-37  
 Gurnee Glass

**Photo:**





# INTEGRATED AIR SAMPLES

<b>Client Name:</b> Village of Gurnee	<b>Site Location:</b> Village of Gurnee, IL
<b>Project Number:</b> 11197130	<b>Project Name:</b> Village of Gurnee Ethylene Oxide Risk

<b>Sample ID</b> Air-11197130-12/25/2019-V3-21	<b>Date:</b> 12/25/2019	<b>Time:</b> 11:45:42 AM	<b>Coordinates:</b> 42.380659, -87.899506
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<b>Sampler:</b> DS	<b>Sample Location:</b> Gallagher Corporation	<b>Pump ID:</b> SAT008	<b>Start Time:</b> 12/25/2019 11:53:31 AM	<b>Stop Time:</b> 12/26/2019 10:30:01 AM	<b>Sample Period (min):</b> 1356.5	<b>Sample Volume (L):</b> 0
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<b>Calibrator Model:</b>	<b>Calibrator Serial:</b>	<b>Pre Calibration Flow Rate (mL/min):</b>	<b>Post Calibration Flow Rate (mL/min):</b>	<b>Average Flow Rate (mL/min):</b>
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**Flow Rate Calculations**  
 Initial Gauge Pressure (In Hg) : 29  
 Final Pressure (In Hg): 7

**Comments:**  
 Summa canister serial number = SAT008  
 Other serial number =  
 regulator serial number = 10294  
 ERG : PR-35  
 Gallagher Corporation

**Photo:**





# INTEGRATED AIR SAMPLES

<b>Client Name:</b> Village of Gurnee	<b>Site Location:</b> Village of Gurnee, IL
<b>Project Number:</b> 11197130	<b>Project Name:</b> Village of Gurnee Ethylene Oxide Risk

<b>Sample ID</b> Air-11197130-12/25/2019-V5-21	<b>Date:</b> 12/25/2019	<b>Time:</b> 11:57:31 AM	<b>Coordinates:</b> 42.386251, -87.905494
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<b>Sampler:</b> DS	<b>Sample Location:</b> ComEd Easement	<b>Pump ID:</b> AZ43	<b>Start Time:</b> 12/25/2019 12:07:03 PM	<b>Stop Time:</b> 12/26/2019 10:43:49 AM	<b>Sample Period (min):</b> 1356.76667	<b>Sample Volume (L):</b> 0
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<b>Calibrator Model:</b>	<b>Calibrator Serial:</b>	<b>Pre Calibration Flow Rate (mL/min):</b>	<b>Post Calibration Flow Rate (mL/min):</b>	<b>Average Flow Rate (mL/min):</b>
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**Flow Rate Calculations**  
Initial Gauge Pressure (In Hg) : 29  
Final Pressure (In Hg): 7

**Comments:**  
  
Summa canister serial number = AZ43  
Other serial number =A10616  
  
regulator serial number = 11925  
ERG : PR-46  
  
ComEd Easement

**Photo:**





# INTEGRATED AIR SAMPLES

<b>Client Name:</b> Village of Gurnee	<b>Site Location:</b> Village of Gurnee, IL
<b>Project Number:</b> 11197130	<b>Project Name:</b> Village of Gurnee Ethylene Oxide Risk

<b>Sample ID</b> Air-11197130-12/25/2019-R1-21	<b>Date:</b> 12/25/2019	<b>Time:</b> 12:17:43 PM	<b>Coordinates:</b> 42.356470, -87.909609
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<b>Sampler:</b> DS	<b>Sample Location:</b> O'Plaine Park	<b>Pump ID:</b> 5149	<b>Start Time:</b> 12/25/2019 12:25:02 PM	<b>Stop Time:</b> 12/26/2019 10:56:35 AM	<b>Sample Period (min):</b> 1351.55	<b>Sample Volume (L):</b> 0
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<b>Calibrator Model:</b>	<b>Calibrator Serial:</b>	<b>Pre Calibration Flow Rate (mL/min):</b>	<b>Post Calibration Flow Rate (mL/min):</b>	<b>Average Flow Rate (mL/min):</b>
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**Flow Rate Calculations**

Initial Gauge Pressure (In Hg) : 30  
 Final Pressure (In Hg): 9

**Comments:**

Summa canister serial number = 5149  
 Other serial number =  
 regulator serial number = 10315  
 ERG : PR-41  
 O'Plaine Park

**Photo:**





# INTEGRATED AIR SAMPLES

<b>Client Name:</b> Village of Gurnee	<b>Site Location:</b> Village of Gurnee, IL
<b>Project Number:</b> 11197130	<b>Project Name:</b> Village of Gurnee Ethylene Oxide Risk

<b>Sample ID</b> Air-11197130-12/25/2019-R2-21	<b>Date:</b> 12/25/2019	<b>Time:</b> 12:33:52 PM	<b>Coordinates:</b> 42.365064, -87.970443
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<b>Sampler:</b> DS	<b>Sample Location:</b> Woodland Middle School	<b>Pump ID:</b> 5124	<b>Start Time:</b> 12/25/2019 12:38:10 PM	<b>Stop Time:</b> 12/26/2019 11:12:25 AM	<b>Sample Period (min):</b> 1354.25	<b>Sample Volume (L):</b> 0
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<b>Calibrator Model:</b>	<b>Calibrator Serial:</b>	<b>Pre Calibration Flow Rate (mL/min):</b>	<b>Post Calibration Flow Rate (mL/min):</b>	<b>Average Flow Rate (mL/min):</b>
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**Flow Rate Calculations**  
 Initial Gauge Pressure (In Hg) : >30  
 Final Pressure (In Hg): 11

**Comments:**  
 Summa canister serial number = 5124  
 Other serial number =  
 regulator serial number = 10077  
 ERG : PR-31  
 Woodland Middle School

**Photo:**





# INTEGRATED AIR SAMPLES

<b>Client Name:</b> Village of Gurnee	<b>Site Location:</b> Village of Gurnee, IL
<b>Project Number:</b> 11197130	<b>Project Name:</b> Village of Gurnee Ethylene Oxide Risk

<b>Sample ID</b> Air-11197130-12/28/2019-M5-22	<b>Date:</b> 12/28/2019	<b>Time:</b> 10:01:30 AM	<b>Coordinates:</b> 42.340794, -87.892319
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<b>Sampler:</b> DS	<b>Sample Location:</b> Astronics	<b>Pump ID:</b> SAT168	<b>Start Time:</b> 12/28/2019 10:12:26 AM	<b>Stop Time:</b> 12/29/2019 9:05:49 AM	<b>Sample Period (min):</b> 1373.38333	<b>Sample Volume (L):</b> 0
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<b>Calibrator Model:</b>	<b>Calibrator Serial:</b>	<b>Pre Calibration Flow Rate (mL/min):</b>	<b>Post Calibration Flow Rate (mL/min):</b>	<b>Average Flow Rate (mL/min):</b>
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**Flow Rate Calculations**  
 Initial Gauge Pressure (In Hg) : >30  
 Final Pressure (In Hg): 9

**Comments:**  
 Summa canister serial number = SAT168  
 Other serial number =  
 regulator serial number = 12120  
 ERG : PR-48  
 Astronics

**Photo:**





# INTEGRATED AIR SAMPLES

<b>Client Name:</b> Village of Gurnee	<b>Site Location:</b> Village of Gurnee, IL
<b>Project Number:</b> 11197130	<b>Project Name:</b> Village of Gurnee Ethylene Oxide Risk

<b>Sample ID</b> Air-11197130-12/28/2019-M3-22	<b>Date:</b> 12/28/2019	<b>Time:</b> 10:24:43 AM	<b>Coordinates:</b> 42.336791, -87.891052
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<b>Sampler:</b> DS	<b>Sample Location:</b> Amhurst Lake	<b>Pump ID:</b> 18869	<b>Start Time:</b> 12/28/2019 10:33:46 AM	<b>Stop Time:</b> 12/29/2019 9:21:57 AM	<b>Sample Period (min):</b> 1368.18333	<b>Sample Volume (L):</b> 0
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<b>Calibrator Model:</b>	<b>Calibrator Serial:</b>	<b>Pre Calibration Flow Rate (mL/min):</b>	<b>Post Calibration Flow Rate (mL/min):</b>	<b>Average Flow Rate (mL/min):</b>
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**Flow Rate Calculations**  
 Initial Gauge Pressure (In Hg) : 30  
 Final Pressure (In Hg): 7

**Comments:**  
 Summa canister serial number = 18869  
 Other serial number =  
 regulator serial number = 10314  
 ERG : PR-40  
 Amhurst Lake

**Photo:**





# INTEGRATED AIR SAMPLES

<b>Client Name:</b> Village of Gurnee	<b>Site Location:</b> Village of Gurnee, IL
<b>Project Number:</b> 11197130	<b>Project Name:</b> Village of Gurnee Ethylene Oxide Risk

<b>Sample ID</b> Air-11197130-12/28/2019-M4-22	<b>Date:</b> 12/28/2019	<b>Time:</b> 10:44:15 AM	<b>Coordinates:</b> 42.337587, -87.881498
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<b>Sampler:</b> DS	<b>Sample Location:</b> Greenbelt FP	<b>Pump ID:</b> SAT059	<b>Start Time:</b>	<b>Stop Time:</b>	<b>Sample Period (min):</b>	<b>Sample Volume (L):</b>
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<b>Calibrator Model:</b>	<b>Calibrator Serial:</b>	<b>Pre Calibration Flow Rate (mL/min):</b>	<b>Post Calibration Flow Rate (mL/min):</b>	<b>Average Flow Rate (mL/min):</b>
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**Flow Rate Calculations**  
Initial Gauge Pressure (In Hg) :  
Final Pressure (In Hg):

**Photo:**

**Comments:**

Summa canister serial number = SAT059  
Other serial number =  
regulator serial number = 12119  
ERG : PR-47  
Greenbelt FP  
Regulator was cross threaded because of canisters thread.





# INTEGRATED AIR SAMPLES

<b>Client Name:</b> Village of Gurnee	<b>Site Location:</b> Village of Gurnee, IL
<b>Project Number:</b> 11197130	<b>Project Name:</b> Village of Gurnee Ethylene Oxide Risk

<b>Sample ID</b> Air-11197130-12/28/2019-M1-22	<b>Date:</b> 12/28/2019	<b>Time:</b> 11:23:37 AM	<b>Coordinates:</b> 42.342187, -87.880183
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<b>Sampler:</b> DS	<b>Sample Location:</b> Greenbelt Shelter B	<b>Pump ID:</b> SAT180	<b>Start Time:</b> 12/28/2019 11:31:36 AM	<b>Stop Time:</b> 12/29/2019 9:39:21 AM	<b>Sample Period (min):</b> 1327.75	<b>Sample Volume (L):</b> 0
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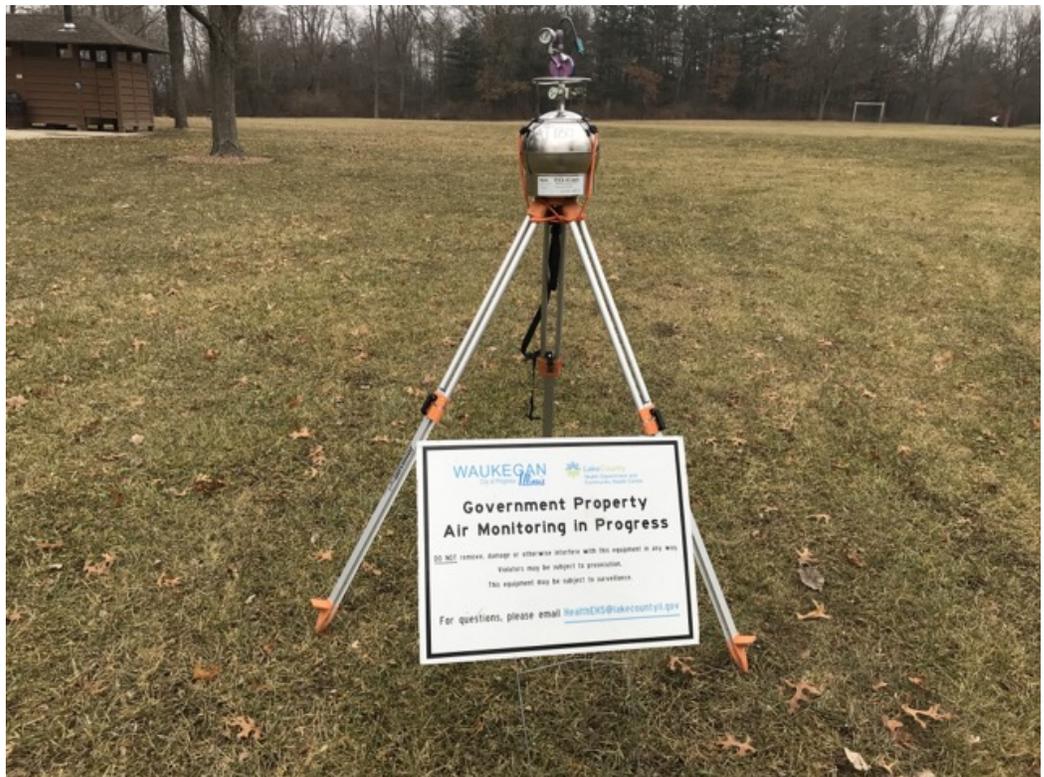
<b>Calibrator Model:</b>	<b>Calibrator Serial:</b>	<b>Pre Calibration Flow Rate (mL/min):</b>	<b>Post Calibration Flow Rate (mL/min):</b>	<b>Average Flow Rate (mL/min):</b>
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**Flow Rate Calculations**

Initial Gauge Pressure (In Hg) : 29  
Final Pressure (In Hg): 5

**Comments:**

Summa canister serial number = SAT180  
Other serial number =  
regulator serial number = 11924  
ERG : PR-45  
  
Greenbelt Shelter B

**Photo:**



# INTEGRATED AIR SAMPLES

<b>Client Name:</b> Village of Gurnee	<b>Site Location:</b> Village of Gurnee, IL
<b>Project Number:</b> 11197130	<b>Project Name:</b> Village of Gurnee Ethylene Oxide Risk

<b>Sample ID</b> Air-11197130-12/28/2019-M2-22	<b>Date:</b> 12/28/2019	<b>Time:</b> 11:40:37 AM	<b>Coordinates:</b> 42.349777, -87.878343
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<b>Sampler:</b> DS	<b>Sample Location:</b> Cristo Rey	<b>Pump ID:</b> SAT078	<b>Start Time:</b> 12/28/2019 11:51:18 AM	<b>Stop Time:</b> 12/29/2019 9:56:39 AM	<b>Sample Period (min):</b> 1325.35	<b>Sample Volume (L):</b> 0
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<b>Calibrator Model:</b>	<b>Calibrator Serial:</b>	<b>Pre Calibration Flow Rate (mL/min):</b>	<b>Post Calibration Flow Rate (mL/min):</b>	<b>Average Flow Rate (mL/min):</b>
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**Flow Rate Calculations**

Initial Gauge Pressure (In Hg) : 29  
Final Pressure (In Hg): 6

**Comments:**

Summa canister serial number = SAT078  
Others serial number =  
regulator serial number = 10310  
ERG : PR-36  
  
Cristo Rey

**Photo:**



# INTEGRATED AIR SAMPLES

<b>Client Name:</b> Village of Gurnee	<b>Site Location:</b> Village of Gurnee, IL
<b>Project Number:</b> 11197130	<b>Project Name:</b> Village of Gurnee Ethylene Oxide Risk

<b>Sample ID</b> Air-11197130-12/28/2019-V1-22	<b>Date:</b> 12/28/2019	<b>Time:</b> 12:03:25 PM	<b>Coordinates:</b> 42.389567, -87.890065
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<b>Sampler:</b> DS	<b>Sample Location:</b> Spaulding Elementary	<b>Pump ID:</b> A21108	<b>Start Time:</b> 12/28/2019 12:15:13 PM	<b>Stop Time:</b> 12/29/2019 10:16:42 AM	<b>Sample Period (min):</b> 1321.48333	<b>Sample Volume (L):</b> 0
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<b>Calibrator Model:</b>	<b>Calibrator Serial:</b>	<b>Pre Calibration Flow Rate (mL/min):</b>	<b>Post Calibration Flow Rate (mL/min):</b>	<b>Average Flow Rate (mL/min):</b>
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**Flow Rate Calculations**

Initial Gauge Pressure (In Hg) : 29  
 Final Pressure (In Hg): 16

**Comments:**

Summa canister serial number = A21108  
 Other serial number =  
 regulator serial number = 11923  
 ERG : PR-44  
 Spaulding Elementary

**Photo:**





# INTEGRATED AIR SAMPLES

<b>Client Name:</b> Village of Gurnee	<b>Site Location:</b> Village of Gurnee, IL
<b>Project Number:</b> 11197130	<b>Project Name:</b> Village of Gurnee Ethylene Oxide Risk

<b>Sample ID</b> Air-11197130-12/28/2019-V2-22	<b>Date:</b> 12/28/2019	<b>Time:</b> 12:18:56 PM	<b>Coordinates:</b> 42.383062, -87.894179
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<b>Sampler:</b> DS	<b>Sample Location:</b> Keith Lot	<b>Pump ID:</b> SAT072	<b>Start Time:</b> 12/28/2019 12:27:42 PM	<b>Stop Time:</b> 12/29/2019 10:26:24 AM	<b>Sample Period (min):</b> 1318.7	<b>Sample Volume (L):</b> 0
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<b>Calibrator Model:</b>	<b>Calibrator Serial:</b>	<b>Pre Calibration Flow Rate (mL/min):</b>	<b>Post Calibration Flow Rate (mL/min):</b>	<b>Average Flow Rate (mL/min):</b>
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**Flow Rate Calculations**  
Initial Gauge Pressure (In Hg) : 30  
Final Pressure (In Hg): 15

**Photo:**

**Comments:**

Summa canister serial number = SAT072  
Other serial number =  
regulator serial number = 10312  
ERG : PR-38  
  
Keith Lot





# INTEGRATED AIR SAMPLES

<b>Client Name:</b> Village of Gurnee	<b>Site Location:</b> Village of Gurnee, IL
<b>Project Number:</b> 11197130	<b>Project Name:</b> Village of Gurnee Ethylene Oxide Risk

<b>Sample ID</b> Air-11197130-12/28/2019-V4-22	<b>Date:</b> 12/28/2019	<b>Time:</b> 12:40:31 PM	<b>Coordinates:</b> 42.377537, -87.899540
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<b>Sampler:</b> DS	<b>Sample Location:</b> Gurnee Glass	<b>Pump ID:</b> A21078	<b>Start Time:</b> 12/28/2019 12:48:01 PM	<b>Stop Time:</b> 12/29/2019 10:38:49 AM	<b>Sample Period (min):</b> 1310.8	<b>Sample Volume (L):</b> 0
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<b>Calibrator Model:</b>	<b>Calibrator Serial:</b>	<b>Pre Calibration Flow Rate (mL/min):</b>	<b>Post Calibration Flow Rate (mL/min):</b>	<b>Average Flow Rate (mL/min):</b>
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**Flow Rate Calculations**

Initial Gauge Pressure (In Hg) : 24  
Final Pressure (In Hg): 4

**Comments:**

Summa canister serial number = A21078  
Other serial number =  
regulator serial number = 10311  
ERG : PR-37  
Gurnee Glass

**Photo:**



# INTEGRATED AIR SAMPLES

<b>Client Name:</b> Village of Gurnee	<b>Site Location:</b> Village of Gurnee, IL
<b>Project Number:</b> 11197130	<b>Project Name:</b> Village of Gurnee Ethylene Oxide Risk

<b>Sample ID</b> Air-11197130-12/28/2019-V3-22	<b>Date:</b> 12/28/2019	<b>Time:</b> 12:57:12 PM	<b>Coordinates:</b> 42.380626, -87.899449
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<b>Sampler:</b> DS	<b>Sample Location:</b> Gallagher Corporation	<b>Pump ID:</b> 5040	<b>Start Time:</b> 12/28/2019 1:08:41 PM	<b>Stop Time:</b> 12/29/2019 10:51:25 AM	<b>Sample Period (min):</b> 1302.73333	<b>Sample Volume (L):</b> 0
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<b>Calibrator Model:</b>	<b>Calibrator Serial:</b>	<b>Pre Calibration Flow Rate (mL/min):</b>	<b>Post Calibration Flow Rate (mL/min):</b>	<b>Average Flow Rate (mL/min):</b>
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**Flow Rate Calculations**  
 Initial Gauge Pressure (In Hg) : 29  
 Final Pressure (In Hg): 8

**Comments:**  
 Summa canister serial number = 5040  
 Other serial number =  
 regulator serial number = 10294  
 ERG : PR-35  
 Gallagher Corporation





# INTEGRATED AIR SAMPLES

<b>Client Name:</b> Village of Gurnee	<b>Site Location:</b> Village of Gurnee, IL
<b>Project Number:</b> 11197130	<b>Project Name:</b> Village of Gurnee Ethylene Oxide Risk

<b>Sample ID</b> Air-11197130-12/28/2019-V5-22	<b>Date:</b> 12/28/2019	<b>Time:</b> 1:19:02 PM	<b>Coordinates:</b> 42.385992, -87.905705
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<b>Sampler:</b> DS	<b>Sample Location:</b> ComEd Easement	<b>Pump ID:</b> A21071	<b>Start Time:</b> 12/28/2019 1:22:51 PM	<b>Stop Time:</b> 12/29/2019 10:59:29 AM	<b>Sample Period (min):</b> 1296.63333	<b>Sample Volume (L):</b> 0
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<b>Calibrator Model:</b>	<b>Calibrator Serial:</b>	<b>Pre Calibration Flow Rate (mL/min):</b>	<b>Post Calibration Flow Rate (mL/min):</b>	<b>Average Flow Rate (mL/min):</b>
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**Flow Rate Calculations**  
Initial Gauge Pressure (In Hg) : 29  
Final Pressure (In Hg): 6

**Comments:**  
  
Summa canister serial number = A21071  
Other serial number =A10616  
  
regulator serial number = 11925  
ERG : PR-46  
  
ComEd Easement

**Photo:**





# INTEGRATED AIR SAMPLES

<b>Client Name:</b> Village of Gurnee	<b>Site Location:</b> Village of Gurnee, IL
<b>Project Number:</b> 11197130	<b>Project Name:</b> Village of Gurnee Ethylene Oxide Risk

<b>Sample ID</b> Air-11197130-12/28/2019-R1-22	<b>Date:</b> 12/28/2019	<b>Time:</b> 1:40:34 PM	<b>Coordinates:</b> 42.356435, -87.909752
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<b>Sampler:</b> DS	<b>Sample Location:</b> O'Plaine Park	<b>Pump ID:</b> SAT185	<b>Start Time:</b> 12/28/2019 1:54:04 PM	<b>Stop Time:</b> 12/29/2019 11:33:31 AM	<b>Sample Period (min):</b> 1299.45	<b>Sample Volume (L):</b> 0
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<b>Calibrator Model:</b>	<b>Calibrator Serial:</b>	<b>Pre Calibration Flow Rate (mL/min):</b>	<b>Post Calibration Flow Rate (mL/min):</b>	<b>Average Flow Rate (mL/min):</b>
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**Flow Rate Calculations**

Initial Gauge Pressure (In Hg) : 29  
 Final Pressure (In Hg): 9

**Comments:**

Summa canister serial number = SAT185  
 Other serial number =  
 regulator serial number = 10315  
 ERG : PR-41  
 O'Plaine Park

**Photo:**



# INTEGRATED AIR SAMPLES

<b>Client Name:</b> Village of Gurnee	<b>Site Location:</b> Village of Gurnee, IL
<b>Project Number:</b> 11197130	<b>Project Name:</b> Village of Gurnee Ethylene Oxide Risk

<b>Sample ID</b> Air-11197130-12/28/2019-R2-22	<b>Date:</b> 12/28/2019	<b>Time:</b> 2:02:17 PM	<b>Coordinates:</b> 42.365119, -87.970476
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<b>Sampler:</b> DS	<b>Sample Location:</b> Woodland Middle School	<b>Pump ID:</b> 5106	<b>Start Time:</b> 12/28/2019 2:06:07 PM	<b>Stop Time:</b> 12/29/2019 11:50:26 AM	<b>Sample Period (min):</b> 1304.31667	<b>Sample Volume (L):</b> 0
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<b>Calibrator Model:</b>	<b>Calibrator Serial:</b>	<b>Pre Calibration Flow Rate (mL/min):</b>	<b>Post Calibration Flow Rate (mL/min):</b>	<b>Average Flow Rate (mL/min):</b>
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**Flow Rate Calculations**

Initial Gauge Pressure (In Hg) : 30  
Final Pressure (In Hg): 11

**Comments:**

Summa canister serial number = 5106  
Other serial number =  
regulator serial number = 10077  
ERG : PR-31  
  
Woodland Middle School

**Photo:**



# INTEGRATED AIR SAMPLES

<b>Client Name:</b> Village of Gurnee	<b>Site Location:</b> Village of Gurnee, IL
<b>Project Number:</b> 11197130	<b>Project Name:</b> Village of Gurnee Ethylene Oxide Risk

<b>Sample ID</b> Air-11197130-12/31/2019-M5-23	<b>Date:</b> 12/31/2019	<b>Time:</b> 9:55:05 AM	<b>Coordinates:</b> 42.340866, -87.892633
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<b>Sampler:</b> DH	<b>Sample Location:</b> Astronics	<b>Pump ID:</b> SAT086	<b>Start Time:</b> 12/31/2019 9:55:55 AM	<b>Stop Time:</b> 1/1/2020 10:09:16 AM	<b>Sample Period (min):</b> 1453.35	<b>Sample Volume (L):</b> 0
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<b>Calibrator Model:</b>	<b>Calibrator Serial:</b>	<b>Pre Calibration Flow Rate (mL/min):</b>	<b>Post Calibration Flow Rate (mL/min):</b>	<b>Average Flow Rate (mL/min):</b>
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**Flow Rate Calculations**

Initial Gauge Pressure (In Hg) : 30  
 Final Pressure (In Hg): 6

**Comments:**

Summa canister serial number = SAT086  
 Other serial number =  
 regulator serial number = 12120  
 ERG : PR-48  
 Astronics

**Photo:**



# INTEGRATED AIR SAMPLES

<b>Client Name:</b> Village of Gurnee	<b>Site Location:</b> Village of Gurnee, IL
<b>Project Number:</b> 11197130	<b>Project Name:</b> Village of Gurnee Ethylene Oxide Risk

<b>Sample ID</b> Air-11197130-12/31/2019-M3-23	<b>Date:</b> 12/31/2019	<b>Time:</b> 10:10:39 AM	<b>Coordinates:</b> 42.336581, -87.891420
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<b>Sampler:</b> DH	<b>Sample Location:</b> Amhurst Lake	<b>Pump ID:</b> SAT002	<b>Start Time:</b> 12/31/2019 10:11:37 AM	<b>Stop Time:</b> 1/1/2020 10:20:32 AM	<b>Sample Period (min):</b> 1448.91667	<b>Sample Volume (L):</b> 0
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<b>Calibrator Model:</b>	<b>Calibrator Serial:</b>	<b>Pre Calibration Flow Rate (mL/min):</b>	<b>Post Calibration Flow Rate (mL/min):</b>	<b>Average Flow Rate (mL/min):</b>
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**Flow Rate Calculations**

Initial Gauge Pressure (In Hg) : 30  
Final Pressure (In Hg): 5

**Comments:**

Summa canister serial number = SAT002  
Other serial number =  
regulator serial number = 10314  
ERG : PR-40  
  
Amhurst Lake

**Photo:**



# INTEGRATED AIR SAMPLES

<b>Client Name:</b> Village of Gurnee	<b>Site Location:</b> Village of Gurnee, IL
<b>Project Number:</b> 11197130	<b>Project Name:</b> Village of Gurnee Ethylene Oxide Risk

<b>Sample ID</b> Air-11197130-12/31/2019-M1-23	<b>Date:</b> 12/31/2019	<b>Time:</b> 10:26:17 AM	<b>Coordinates:</b> 42.342112, -87.880407
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<b>Sampler:</b> DH	<b>Sample Location:</b> Greenbelt Shelter B	<b>Pump ID:</b> SAT126	<b>Start Time:</b> 12/31/2019 10:27:09 AM	<b>Stop Time:</b> 1/1/2020 10:30:21 AM	<b>Sample Period (min):</b> 1443.2	<b>Sample Volume (L):</b> 0
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<b>Calibrator Model:</b>	<b>Calibrator Serial:</b>	<b>Pre Calibration Flow Rate (mL/min):</b>	<b>Post Calibration Flow Rate (mL/min):</b>	<b>Average Flow Rate (mL/min):</b>
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**Flow Rate Calculations**

Initial Gauge Pressure (In Hg) : 29  
Final Pressure (In Hg): 2.5

**Comments:**

Summa canister serial number = SAT126  
Other serial number =  
regulator serial number = 11924  
ERG : PR-45  
  
Greenbelt Shelter B

**Photo:**



# INTEGRATED AIR SAMPLES

<b>Client Name:</b> Village of Gurnee	<b>Site Location:</b> Village of Gurnee, IL
<b>Project Number:</b> 11197130	<b>Project Name:</b> Village of Gurnee Ethylene Oxide Risk

<b>Sample ID</b> Air-11197130-12/31/2019-M2-23	<b>Date:</b> 12/31/2019	<b>Time:</b> 10:43:38 AM	<b>Coordinates:</b> 42.349870, -87.878350
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<b>Sampler:</b> DH	<b>Sample Location:</b> Cristo Rey	<b>Pump ID:</b> SAT020	<b>Start Time:</b> 12/31/2019 10:45:20 AM	<b>Stop Time:</b> 1/1/2020 10:40:09 AM	<b>Sample Period (min):</b> 1434.81667	<b>Sample Volume (L):</b> 0
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<b>Calibrator Model:</b>	<b>Calibrator Serial:</b>	<b>Pre Calibration Flow Rate (mL/min):</b>	<b>Post Calibration Flow Rate (mL/min):</b>	<b>Average Flow Rate (mL/min):</b>
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**Flow Rate Calculations**

Initial Gauge Pressure (In Hg) : 28  
Final Pressure (In Hg): 3.5

**Comments:**

Summa canister serial number = SAT020  
Others serial number =  
regulator serial number = 10310  
ERG : PR-36  
  
Cristo Rey

**Photo:**



# INTEGRATED AIR SAMPLES

<b>Client Name:</b> Village of Gurnee	<b>Site Location:</b> Village of Gurnee, IL
<b>Project Number:</b> 11197130	<b>Project Name:</b> Village of Gurnee Ethylene Oxide Risk

<b>Sample ID</b> Air-11197130-12/31/2019-V1-23	<b>Date:</b> 12/31/2019	<b>Time:</b> 11:05:16 AM	<b>Coordinates:</b> 42.389510, -87.890184
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<b>Sampler:</b> DH	<b>Sample Location:</b> Spaulding Elementary	<b>Pump ID:</b> SAT046	<b>Start Time:</b> 12/31/2019 11:06:12 AM	<b>Stop Time:</b> 1/1/2020 10:56:36 AM	<b>Sample Period (min):</b> 1430.4	<b>Sample Volume (L):</b> 0
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<b>Calibrator Model:</b>	<b>Calibrator Serial:</b>	<b>Pre Calibration Flow Rate (mL/min):</b>	<b>Post Calibration Flow Rate (mL/min):</b>	<b>Average Flow Rate (mL/min):</b>
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**Flow Rate Calculations**  
 Initial Gauge Pressure (In Hg) : 28.5  
 Final Pressure (In Hg): 29

**Comments:**  
 Summa canister serial number = SAT046  
 Other serial number =  
 regulator serial number = 11923  
 ERG : PR-44  
 Spaulding Elementary





# INTEGRATED AIR SAMPLES

<b>Client Name:</b> Village of Gurnee	<b>Site Location:</b> Village of Gurnee, IL
<b>Project Number:</b> 11197130	<b>Project Name:</b> Village of Gurnee Ethylene Oxide Risk

<b>Sample ID</b> Air-11197130-12/31/2019-V2-23	<b>Date:</b> 12/31/2019	<b>Time:</b> 11:15:08 AM	<b>Coordinates:</b> 42.383020, -87.894266
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<b>Sampler:</b> DH	<b>Sample Location:</b> Keith Lot	<b>Pump ID:</b> SAT135	<b>Start Time:</b> 12/31/2019 11:15:42 AM	<b>Stop Time:</b> 1/1/2020 11:03:20 AM	<b>Sample Period (min):</b> 1427.63333	<b>Sample Volume (L):</b> 0
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<b>Calibrator Model:</b>	<b>Calibrator Serial:</b>	<b>Pre Calibration Flow Rate (mL/min):</b>	<b>Post Calibration Flow Rate (mL/min):</b>	<b>Average Flow Rate (mL/min):</b>
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**Flow Rate Calculations**  
 Initial Gauge Pressure (In Hg) : 29  
 Final Pressure (In Hg): 7

**Comments:**  
 Summa canister serial number = SAT135  
 Other serial number =  
 regulator serial number = 10312  
 ERG : PR-38  
 Keith Lot





# INTEGRATED AIR SAMPLES

<b>Client Name:</b> Village of Gurnee	<b>Site Location:</b> Village of Gurnee, IL
<b>Project Number:</b> 11197130	<b>Project Name:</b> Village of Gurnee Ethylene Oxide Risk

<b>Sample ID</b> Air-11197130-12/31/2019-V4-23	<b>Date:</b> 12/31/2019	<b>Time:</b> 11:29:50 AM	<b>Coordinates:</b> 42.377804, -87.899674
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<b>Sampler:</b> DH	<b>Sample Location:</b> Gurnee Glass	<b>Pump ID:</b> 5087	<b>Start Time:</b> 12/31/2019 11:30:53 AM	<b>Stop Time:</b> 1/1/2020 11:13:23 AM	<b>Sample Period (min):</b> 1422.5	<b>Sample Volume (L):</b> 0
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<b>Calibrator Model:</b>	<b>Calibrator Serial:</b>	<b>Pre Calibration Flow Rate (mL/min):</b>	<b>Post Calibration Flow Rate (mL/min):</b>	<b>Average Flow Rate (mL/min):</b>
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**Flow Rate Calculations**  
 Initial Gauge Pressure (In Hg) : 23  
 Final Pressure (In Hg): 0

**Comments:**  
 Summa canister serial number = 5087  
 Other serial number =  
 regulator serial number = 10311  
 ERG : PR-37  
 Gurnee Glass





# INTEGRATED AIR SAMPLES

<b>Client Name:</b> Village of Gurnee	<b>Site Location:</b> Village of Gurnee, IL
<b>Project Number:</b> 11197130	<b>Project Name:</b> Village of Gurnee Ethylene Oxide Risk

<b>Sample ID</b> Air-11197130-12/31/2019-V3-23	<b>Date:</b> 12/31/2019	<b>Time:</b> 11:43:34 AM	<b>Coordinates:</b> 42.380322, -87.899350
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<b>Sampler:</b> DH	<b>Sample Location:</b> Gallagher Corporation	<b>Pump ID:</b> SAT073	<b>Start Time:</b> 12/31/2019 11:44:21 AM	<b>Stop Time:</b> 1/1/2020 11:23:56 AM	<b>Sample Period (min):</b> 1419.58333	<b>Sample Volume (L):</b> 0
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<b>Calibrator Model:</b>	<b>Calibrator Serial:</b>	<b>Pre Calibration Flow Rate (mL/min):</b>	<b>Post Calibration Flow Rate (mL/min):</b>	<b>Average Flow Rate (mL/min):</b>
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**Flow Rate Calculations**  
 Initial Gauge Pressure (In Hg) : 29  
 Final Pressure (In Hg): 5

**Comments:**  
 Summa canister serial number = SAT073  
 Other serial number =  
 regulator serial number = 10294  
 ERG : PR-35  
 Gallagher Corporation





# INTEGRATED AIR SAMPLES

<b>Client Name:</b> Village of Gurnee	<b>Site Location:</b> Village of Gurnee, IL
<b>Project Number:</b> 11197130	<b>Project Name:</b> Village of Gurnee Ethylene Oxide Risk

<b>Sample ID</b> Air-11197130-12/31/2019-V5-23	<b>Date:</b> 12/31/2019	<b>Time:</b> 11:55:12 AM	<b>Coordinates:</b> 42.385722, -87.905450
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<b>Sampler:</b> DH	<b>Sample Location:</b> ComEd Easement	<b>Pump ID:</b> 5129	<b>Start Time:</b> 12/31/2019 11:56:12 AM	<b>Stop Time:</b> 1/1/2020 11:35:07 AM	<b>Sample Period (min):</b> 1418.91667	<b>Sample Volume (L):</b> 0
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<b>Calibrator Model:</b>	<b>Calibrator Serial:</b>	<b>Pre Calibration Flow Rate (mL/min):</b>	<b>Post Calibration Flow Rate (mL/min):</b>	<b>Average Flow Rate (mL/min):</b>
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**Flow Rate Calculations**

Initial Gauge Pressure (In Hg) : 28.5  
Final Pressure (In Hg): 6

**Comments:**

Summa canister serial number = 5129  
Other serial number =  
regulator serial number = 11925  
ERG : PR-46  
  
ComEd Easement

**Photo:**



# INTEGRATED AIR SAMPLES

<b>Client Name:</b> Village of Gurnee	<b>Site Location:</b> Village of Gurnee, IL
<b>Project Number:</b> 11197130	<b>Project Name:</b> Village of Gurnee Ethylene Oxide Risk

<b>Sample ID</b> Air-11197130-12/31/2019-R1-23	<b>Date:</b> 12/31/2019	<b>Time:</b> 12:17:42 PM	<b>Coordinates:</b> 42.355856, -87.910389
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<b>Sampler:</b> DH	<b>Sample Location:</b> O'Plaine Park	<b>Pump ID:</b> A21000	<b>Start Time:</b> 12/31/2019 12:18:44 PM	<b>Stop Time:</b> 1/1/2020 11:51:39 AM	<b>Sample Period (min):</b> 1412.91667	<b>Sample Volume (L):</b> 0
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<b>Calibrator Model:</b>	<b>Calibrator Serial:</b>	<b>Pre Calibration Flow Rate (mL/min):</b>	<b>Post Calibration Flow Rate (mL/min):</b>	<b>Average Flow Rate (mL/min):</b>
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**Flow Rate Calculations**  
 Initial Gauge Pressure (In Hg) : 29  
 Final Pressure (In Hg): 4.5

**Comments:**  
 Summa canister serial number = A21000  
 Other serial number =  
 regulator serial number = 10315  
 ERG : PR-41  
 O'Plaine Park





# INTEGRATED AIR SAMPLES

<b>Client Name:</b> Village of Gurnee	<b>Site Location:</b> Village of Gurnee, IL
<b>Project Number:</b> 11197130	<b>Project Name:</b> Village of Gurnee Ethylene Oxide Risk

<b>Sample ID</b> Air-11197130-12/31/2019-R2-23	<b>Date:</b> 12/31/2019	<b>Time:</b> 12:37:16 PM	<b>Coordinates:</b> 42.364829, -87.971042
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<b>Sampler:</b> DH	<b>Sample Location:</b> Woodland Middle School	<b>Pump ID:</b> 18820	<b>Start Time:</b> 12/31/2019 12:38:01 PM	<b>Stop Time:</b> 1/1/2020 12:04:33 PM	<b>Sample Period (min):</b> 1406.53333	<b>Sample Volume (L):</b> 0
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<b>Calibrator Model:</b>	<b>Calibrator Serial:</b>	<b>Pre Calibration Flow Rate (mL/min):</b>	<b>Post Calibration Flow Rate (mL/min):</b>	<b>Average Flow Rate (mL/min):</b>
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**Flow Rate Calculations**  
 Initial Gauge Pressure (In Hg) : > 30  
 Final Pressure (In Hg): 8.5

**Comments:**  
 Summa canister serial number = 18820  
 Other serial number =  
 regulator serial number = 10077  
 ERG : PR-31  
 Woodland Middle School

