



INTEGRATED AIR SAMPLES

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

Sample ID Air-11197130-4/4/2020-M5-31	Date: 4/4/2020	Time: 10:45:35 AM	Coordinates: 42.341559, -87.892719
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Sampler: EM	Sample Location: Astronics	Pump ID: A21047	Start Time: 4/3/2020 10:49	Stop Time: 4/5/2020 10:31:04	Sample Period (min): 2862.06667	Sample Volume (L): 0
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Calibrator Model:	Calibrator Serial:	Pre Calibration Flow Rate (mL/min):	Post Calibration Flow Rate (mL/min):	Average Flow Rate (mL/min):
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Flow Rate Calculations

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

Comments:

Summa canister serial number = A21047
 Other serial number =
 regulator serial number = 12120
 ERG : PR-48
 Astronics

Photo:



INTEGRATED AIR SAMPLES

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

Sample ID Air-11197130-4/4/2020-M3-31	Date: 4/4/2020	Time: 10:59:37 AM	Coordinates: 42.336380, -87.891894
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Sampler: EM	Sample Location: Amhurst Lake	Pump ID: 18884	Start Time: 4/4/2020 11:04:43	Stop Time: 4/5/2020 10:40:54	Sample Period (min): 1416.18333	Sample Volume (L): 0
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Calibrator Model:	Calibrator Serial:	Pre Calibration Flow Rate (mL/min):	Post Calibration Flow Rate (mL/min):	Average Flow Rate (mL/min):
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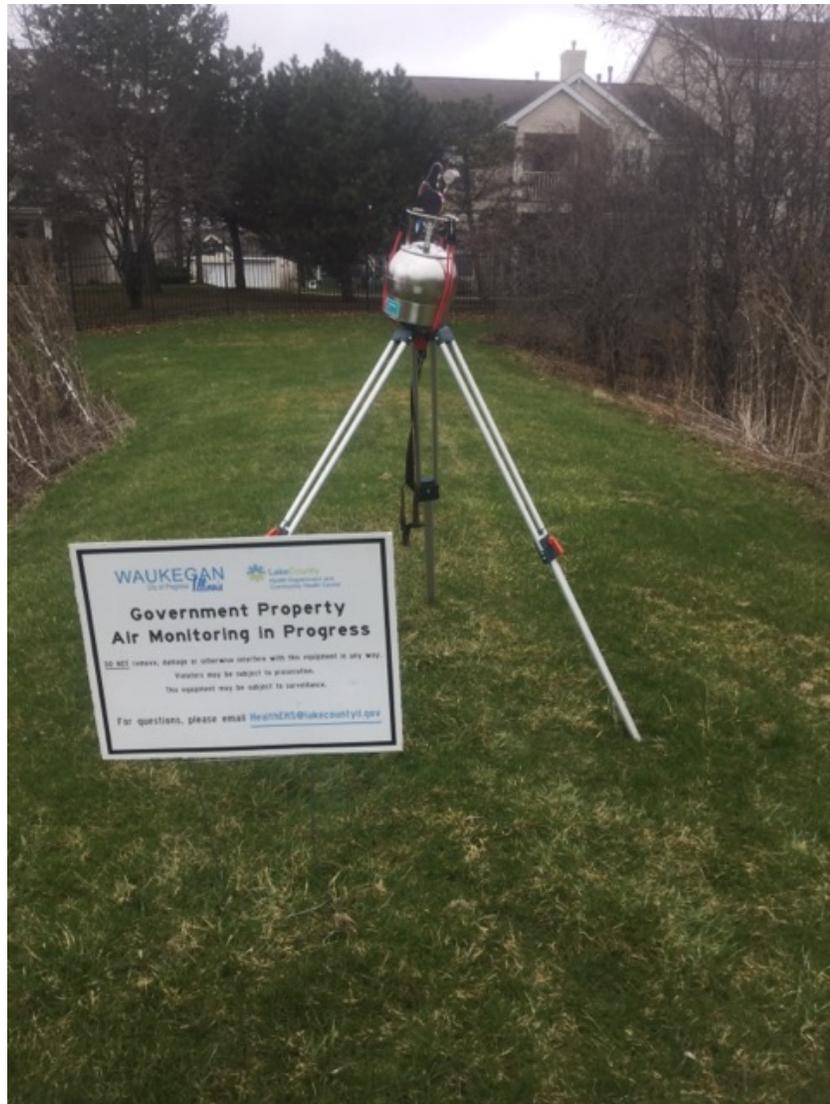
Flow Rate Calculations

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

Comments:

Summa canister serial number = 18884
Other serial number =
regulator serial number = 10314
ERG : PR-40

Amhurst Lake

Photo:



INTEGRATED AIR SAMPLES

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

Sample ID Air-11197130-4/4/2020-M4-31	Date: 4/4/2020	Time: 11:11:51 AM	Coordinates: 42.336435, -87.892128
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Sampler: EM	Sample Location: Greenbelt South	Pump ID: 19653	Start Time: 4/4/2020 11:17:07	Stop Time: 4/5/2020 10:49:58	Sample Period (min): 1412.85	Sample Volume (L): 0
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Calibrator Model:	Calibrator Serial:	Pre Calibration Flow Rate (mL/min):	Post Calibration Flow Rate (mL/min):	Average Flow Rate (mL/min):
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Flow Rate Calculations

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

Comments:

Summa canister serial number = 19653
 Other serial number =
 regulator serial number = 12121
 ERG : PR-49
 Greenbelt South

Photo:



INTEGRATED AIR SAMPLES

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

Sample ID Air-11197130-4/4/2020-M1-31	Date: 4/4/2020	Time: 11:24:30 AM	Coordinates: 42.344073, -87.880723
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Sampler: EM	Sample Location: Greenbelt North	Pump ID: SAT005	Start Time: 4/4/2020 11:29:22	Stop Time: 4/5/2020 10:59:42	Sample Period (min): 1410.33333	Sample Volume (L): 0
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Calibrator Model:	Calibrator Serial:	Pre Calibration Flow Rate (mL/min):	Post Calibration Flow Rate (mL/min):	Average Flow Rate (mL/min):
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Flow Rate Calculations

Initial Gauge Pressure (In Hg) : 27
Final Pressure (In Hg): 4

Comments:

Summa canister serial number = SAT005
Other serial number = A6530

regulator serial number = 11924
ERG : PR-45

Greenbelt North

Photo:



INTEGRATED AIR SAMPLES

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

Sample ID Air-11197130-4/4/2020-M2-31	Date: 4/4/2020	Time: 11:36:09 AM	Coordinates: 42.349673, -87.878470
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Sampler: EM	Sample Location: Christo Rey	Pump ID: 18808	Start Time: 4/4/2020 11:39:37	Stop Time: 4/5/2020 11:08:22	Sample Period (min): 1408.75	Sample Volume (L): 0
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Calibrator Model:	Calibrator Serial:	Pre Calibration Flow Rate (mL/min):	Post Calibration Flow Rate (mL/min):	Average Flow Rate (mL/min):
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Flow Rate Calculations

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

Comments:

Summa canister serial number = 18808
 Other serial number =
 regulator serial number = 10310
 ERG : PR-36
 Christo Rey

Photo:



INTEGRATED AIR SAMPLES

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

Sample ID Air-11197130-4/4/2020-V1-31	Date: 4/4/2020	Time: 11:50:54 AM	Coordinates: 42.389608, -87.890158
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Sampler: EM	Sample Location: Spaulding	Pump ID: 19654	Start Time: 4/4/2020 11:55:27	Stop Time: 4/5/2020 11:33:16	Sample Period (min): 1417.81667	Sample Volume (L): 0
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Calibrator Model:	Calibrator Serial:	Pre Calibration Flow Rate (mL/min):	Post Calibration Flow Rate (mL/min):	Average Flow Rate (mL/min):
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Flow Rate Calculations
Initial Gauge Pressure (In Hg) : 28
Final Pressure (In Hg): 7

Comments:

Summa canister serial number = 1965
Other serial number =

regulator serial number = 11923
ERG : PR-44

Spaulding

Photo:





INTEGRATED AIR SAMPLES

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

Sample ID Air-11197130-4/4/2020-V2-31	Date: 4/4/2020	Time: 11:59:16 AM	Coordinates: 42.383208, -87.894262
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Sampler: EM	Sample Location: Keith Lot	Pump ID: A21015	Start Time: 4/4/2020 12:03:40	Stop Time: 4/5/2020 11:39:45	Sample Period (min): 1416.08333	Sample Volume (L): 0
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Calibrator Model:	Calibrator Serial:	Pre Calibration Flow Rate (mL/min):	Post Calibration Flow Rate (mL/min):	Average Flow Rate (mL/min):
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Flow Rate Calculations
Initial Gauge Pressure (In Hg) : 29
Final Pressure (In Hg): 7

Comments:

Summa canister serial number = A21015
Other serial number =

regulator serial number = 10312
ERG : PR-38

Keith Lot

Photo:



INTEGRATED AIR SAMPLES

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

Sample ID Air-11197130-4/4/2020-V4-31	Date: 4/4/2020	Time: 12:08 PM	Coordinates: 42.377840, -87.899995
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Sampler: EM	Sample Location: Gurnee Glass	Pump ID: AZ52	Start Time: 4/4/2020 12:12:43	Stop Time: 4/5/2020 11:47:09	Sample Period (min): 1414.43333	Sample Volume (L): 0
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Calibrator Model:	Calibrator Serial:	Pre Calibration Flow Rate (mL/min):	Post Calibration Flow Rate (mL/min):	Average Flow Rate (mL/min):
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Flow Rate Calculations

Initial Gauge Pressure (In Hg) : 22
 Final Pressure (In Hg): 0

Comments:

Summa canister serial number = AZ52
 Other serial number = A10675

 regulator serial number = 10311
 ERG : PR-37

 Christo Rey

Photo:





INTEGRATED AIR SAMPLES

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

Sample ID Air-11197130-4/4/2020-V3-31	Date: 4/4/2020	Time: 12:18:38 PM	Coordinates: 42.380556, -87.899533
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Sampler: EM	Sample Location: Gallagher Company	Pump ID: 5071	Start Time: 4/4/2020 12:22:43	Stop Time: 4/5/2020 11:58:19	Sample Period (min): 1415.6	Sample Volume (L): 0
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Calibrator Model:	Calibrator Serial:	Pre Calibration Flow Rate (mL/min):	Post Calibration Flow Rate (mL/min):	Average Flow Rate (mL/min):
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Flow Rate Calculations
 Initial Gauge Pressure (In Hg) : 28
 Final Pressure (In Hg): 8

Comments:
 Summa canister serial number = 5071
 Other serial number =
 regulator serial number = 10294
 ERG : PR-35
 Gallagher Co





INTEGRATED AIR SAMPLES

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

Sample ID Air-11197130-4/4/2020-V5-31	Date: 4/4/2020	Time: 12:26:29 PM	Coordinates: 42.385769, -87.905748
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Sampler: EM	Sample Location: Comed easement	Pump ID: 5057	Start Time: 4/4/2020 12:30:01	Stop Time: 4/5/2020 12:05:57	Sample Period (min): 1415.93333	Sample Volume (L): 0
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Calibrator Model:	Calibrator Serial:	Pre Calibration Flow Rate (mL/min):	Post Calibration Flow Rate (mL/min):	Average Flow Rate (mL/min):
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Flow Rate Calculations

Initial Gauge Pressure (In Hg) : 29
 Final Pressure (In Hg): 2

Comments:

Summa canister serial number = 5057
 Other serial number =
 regulator serial number = 11925
 ERG : PR-46
 Comed Easement

Photo:





INTEGRATED AIR SAMPLES

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

Sample ID Air-11197130-4/4/2020-R1-31	Date: 4/4/2020	Time: 12:39:54 PM	Coordinates: 42.356462, -87.909828
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Sampler: EM	Sample Location: O'plaine park	Pump ID: 18822	Start Time: 4/4/2020 12:44:17	Stop Time: 4/5/2020 12:20:28	Sample Period (min): 1416.18333	Sample Volume (L): 0
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Calibrator Model:	Calibrator Serial:	Pre Calibration Flow Rate (mL/min):	Post Calibration Flow Rate (mL/min):	Average Flow Rate (mL/min):
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Flow Rate Calculations
 Initial Gauge Pressure (In Hg) : 29
 Final Pressure (In Hg): 7

Comments:
 Summa canister serial number = 18822
 Other serial number =
 regulator serial number = 10315
 ERG : PR-41
 O'plaine park





INTEGRATED AIR SAMPLES

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

Sample ID Air-11197130-4/4/2020-R2-31	Date: 4/4/2020	Time: 12:58:09 PM	Coordinates: 42.364960, -87.970835
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Sampler: EM	Sample Location: Woodland Middle School	Pump ID: 19293	Start Time: 4/4/2020 13:01:21	Stop Time: 4/5/2020 12:34:49	Sample Period (min): 1413.46667	Sample Volume (L): 0
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Calibrator Model:	Calibrator Serial:	Pre Calibration Flow Rate (mL/min):	Post Calibration Flow Rate (mL/min):	Average Flow Rate (mL/min):
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Flow Rate Calculations

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

Comments:

Summa canister serial number = 19293
Other serial number =
regulator serial number = 10077
ERG : PR-31

Woodland Middle School

Photo:



INTEGRATED AIR SAMPLES

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

Sample ID Air-11197130-4/7/2020-M5-32	Date: 4/7/2020	Time: 10:08:01 AM	Coordinates: 42.341009, -87.892314
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Sampler: DS	Sample Location: Astronics	Pump ID: 18883	Start Time: 4/7/2020 10:19:59	Stop Time: 4/8/2020 09:09:09	Sample Period (min): 1369.16667	Sample Volume (L): 0
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Calibrator Model:	Calibrator Serial:	Pre Calibration Flow Rate (mL/min):	Post Calibration Flow Rate (mL/min):	Average Flow Rate (mL/min):
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Flow Rate Calculations
 Initial Gauge Pressure (In Hg) : 30
 Final Pressure (In Hg): 11

Comments:
 Summa canister serial number = 18883
 Other serial number = 29-10621
 regulator serial number = 12120
 ERG : PR-48
 Astronics

Photo:





INTEGRATED AIR SAMPLES

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

Sample ID Air-11197130-4/7/2020-M3-32	Date: 4/7/2020	Time: 10:31:31 AM	Coordinates: 42.336689, -87.891209
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Sampler: DS	Sample Location: Amhurst Lake	Pump ID: 18830	Start Time: 4/7/2020 10:35:26	Stop Time: 4/8/2020 09:27:39	Sample Period (min): 1372.21667	Sample Volume (L): 0
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Calibrator Model:	Calibrator Serial:	Pre Calibration Flow Rate (mL/min):	Post Calibration Flow Rate (mL/min):	Average Flow Rate (mL/min):
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Flow Rate Calculations

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

Comments:

Summa canister serial number = 18830
Other serial number = 29-10621

regulator serial number = 10314
ERG : PR-40

Amhurst Lake

Photo:



INTEGRATED AIR SAMPLES

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

Sample ID Air-11197130-4/7/2020-M4-32	Date: 4/7/2020	Time: 10:44:19 AM	Coordinates: 42.337528, -87.881338
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Sampler: DS	Sample Location: Greenbelt FP	Pump ID: 19654	Start Time: 4/7/2020 10:50:44	Stop Time: 4/8/2020 09:40:24	Sample Period (min): 1369.66667	Sample Volume (L): 0
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Calibrator Model:	Calibrator Serial:	Pre Calibration Flow Rate (mL/min):	Post Calibration Flow Rate (mL/min):	Average Flow Rate (mL/min):
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Flow Rate Calculations
Initial Gauge Pressure (In Hg) : 30
Final Pressure (In Hg): 9

Comments:

Summa canister serial number = 19654
Other serial number =

regulator serial number = 12121
ERG : PR-49

Greenbelt FP

Photo:





INTEGRATED AIR SAMPLES

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

Sample ID Air-11197130-4/7/2020-M1-32	Date: 4/7/2020	Time: 10:56:11 AM	Coordinates: 42.342244, -87.880266
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Sampler: DS	Sample Location: Greenbelt Shelter B	Pump ID: SAT179	Start Time: 4/7/2020 10:59:50	Stop Time: 4/8/2020 09:55:13	Sample Period (min): 1375.38333	Sample Volume (L): 0
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Calibrator Model:	Calibrator Serial:	Pre Calibration Flow Rate (mL/min):	Post Calibration Flow Rate (mL/min):	Average Flow Rate (mL/min):
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Flow Rate Calculations

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

Comments:

Summa canister serial number = SAT179
Other serial number =
regulator serial number = 11924
ERG : PR-45

Greenbelt Shelter B

Photo:



INTEGRATED AIR SAMPLES

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

Sample ID Air-11197130-4/7/2020-M2-32	Date: 4/7/2020	Time: 11:06:51 AM	Coordinates: 42.349910, -87.878494
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Sampler: DS	Sample Location: Cristo Rey	Pump ID: 19650	Start Time: 4/7/2020 11:12:47	Stop Time: 4/8/2020 10:08:44	Sample Period (min): 1375.95	Sample Volume (L): 0
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Calibrator Model:	Calibrator Serial:	Pre Calibration Flow Rate (mL/min):	Post Calibration Flow Rate (mL/min):	Average Flow Rate (mL/min):
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Flow Rate Calculations
Initial Gauge Pressure (In Hg) : 29
Final Pressure (In Hg): 6

Comments:

Summa canister serial number = 19650
Others serial number = 29-10621

regulator serial number = 10310
ERG : PR-36

Cristo Rey

Construction in the area

Photo:





INTEGRATED AIR SAMPLES

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

Sample ID Air-11197130-4/7/2020-V1-32	Date: 4/7/2020	Time: 11:23:41 AM	Coordinates: 42.389654, -87.889969
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Sampler: DS	Sample Location: Spaulding Elementary	Pump ID: 19283	Start Time: 4/7/2020 11:28:46	Stop Time: 4/8/2020 10:24:47	Sample Period (min): 1376.01667	Sample Volume (L): 0
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Calibrator Model:	Calibrator Serial:	Pre Calibration Flow Rate (mL/min):	Post Calibration Flow Rate (mL/min):	Average Flow Rate (mL/min):
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Flow Rate Calculations
Initial Gauge Pressure (In Hg) : 29
Final Pressure (In Hg): 9

Comments:

Summa canister serial number = 19283
Other serial number = 29-10621

regulator serial number = 11923
ERG : PR-44

Spaulding Elementary

Photo:





INTEGRATED AIR SAMPLES

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

Sample ID Air-11197130-4/7/2020-V2-32	Date: 4/7/2020	Time: 11:31:51 AM	Coordinates: 42.383016, -87.894067
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Sampler: DS	Sample Location: Keith Lot	Pump ID: SAT039	Start Time: 4/7/2020 11:36:16	Stop Time: 4/8/2020 10:34:11	Sample Period (min): 1377.91667	Sample Volume (L): 0
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Calibrator Model:	Calibrator Serial:	Pre Calibration Flow Rate (mL/min):	Post Calibration Flow Rate (mL/min):	Average Flow Rate (mL/min):
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Flow Rate Calculations
 Initial Gauge Pressure (In Hg) : 29
 Final Pressure (In Hg): 10

Comments:
 Summa canister serial number = SAT039
 Other serial number =
 regulator serial number = 10312
 ERG : PR-38
 Keith Lot

Photo:





INTEGRATED AIR SAMPLES

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

Sample ID Air-11197130-4/7/2020-V4-32	Date: 4/7/2020	Time: 11:44:36 AM	Coordinates: 42.377834, -87.899471
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Sampler: DS	Sample Location: Gurnee Glass	Pump ID: SAT032	Start Time: 4/7/2020 11:51:47	Stop Time: 4/8/2020 10:48:17	Sample Period (min): 1376.5	Sample Volume (L): 0
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Calibrator Model:	Calibrator Serial:	Pre Calibration Flow Rate (mL/min):	Post Calibration Flow Rate (mL/min):	Average Flow Rate (mL/min):
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Flow Rate Calculations

Initial Gauge Pressure (In Hg) : 22
 Final Pressure (In Hg): .5

Comments:

Summa canister serial number = SAT032
 Other serial number =
 regulator serial number = 10311
 ERG : PR-37
 Gurnee Glass

Photo:



INTEGRATED AIR SAMPLES

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

Sample ID Air-11197130-4/7/2020-V3-32	Date: 4/7/2020	Time: 11:56:01 AM	Coordinates: 42.380549, -87.899621
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Sampler: DS	Sample Location: Gallagher Corporation	Pump ID: 5044	Start Time: 4/7/2020 12:04:09	Stop Time: 4/8/2020 11:01:20	Sample Period (min): 1377.18333	Sample Volume (L): 0
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Calibrator Model:	Calibrator Serial:	Pre Calibration Flow Rate (mL/min):	Post Calibration Flow Rate (mL/min):	Average Flow Rate (mL/min):
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Flow Rate Calculations
 Initial Gauge Pressure (In Hg) : 30
 Final Pressure (In Hg): 9

Comments:
 Summa canister serial number = 5044
 Other serial number = 090534
 regulator serial number = 10294
 ERG : PR-35
 Gallagher Corporation

Photo:





INTEGRATED AIR SAMPLES

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

Sample ID Air-11197130-4/7/2020-V5-32	Date: 4/7/2020	Time: 12:11:05 PM	Coordinates: 42.386179, -87.905706
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Sampler: DS	Sample Location: ComEd Easement	Pump ID: A21095	Start Time: 4/7/2020 12:17:40	Stop Time: 4/8/2020 11:15:56	Sample Period (min): 1378.26667	Sample Volume (L): 0
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Calibrator Model:	Calibrator Serial:	Pre Calibration Flow Rate (mL/min):	Post Calibration Flow Rate (mL/min):	Average Flow Rate (mL/min):
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Flow Rate Calculations

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

Comments:

Summa canister serial number = A21095
Other serial number =
regulator serial number = 11925
ERG : PR-46

ComEd Easement

Photo:



INTEGRATED AIR SAMPLES

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

Sample ID Air-11197130-4/7/2020-R1-32	Date: 4/7/2020	Time: 12:30:33 PM	Coordinates: 42.356308, -87.909322
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Sampler: DS	Sample Location: O'Plaine Park	Pump ID: SAT056	Start Time: 4/7/2020 12:35:18	Stop Time: 4/8/2020 11:31:45	Sample Period (min): 1376.45	Sample Volume (L): 0
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Calibrator Model:	Calibrator Serial:	Pre Calibration Flow Rate (mL/min):	Post Calibration Flow Rate (mL/min):	Average Flow Rate (mL/min):
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Flow Rate Calculations

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

Comments:

Summa canister serial number = SAT056
 Other serial number =
 regulator serial number = 10315
 ERG : PR-41
 O'Plaine Park

Photo:



INTEGRATED AIR SAMPLES

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

Sample ID Air-11197130-4/7/2020-R2-32	Date: 4/7/2020	Time: 12:47:18 PM	Coordinates: 42.364726, -87.970284
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Sampler: DS	Sample Location: Woodland Middle School	Pump ID: A21102	Start Time: 4/7/2020 12:53:02	Stop Time: 4/8/2020 11:50:32	Sample Period (min): 1377.5	Sample Volume (L): 0
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Calibrator Model:	Calibrator Serial:	Pre Calibration Flow Rate (mL/min):	Post Calibration Flow Rate (mL/min):	Average Flow Rate (mL/min):
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Flow Rate Calculations

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

Comments:

Summa canister serial number = A21102
Other serial number = 10963

regulator serial number = 10077
ERG : PR-31

Woodland Middle School

Photo:



INTEGRATED AIR SAMPLES

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

Sample ID Air-11197130-4/10/2020-M5-33	Date: 4/10/2020	Time: 3:20:02 PM	Coordinates: 42.341611, -87.892759
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Sampler: EM	Sample Location: Astronics	Pump ID: A22294	Start Time: 4/10/2020 15:24:26	Stop Time: 4/11/2020 14:33:16	Sample Period (min): 1388.83333	Sample Volume (L): 0
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Calibrator Model:	Calibrator Serial:	Pre Calibration Flow Rate (mL/min):	Post Calibration Flow Rate (mL/min):	Average Flow Rate (mL/min):
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Flow Rate Calculations

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

Comments:

Summa canister serial number = A22294
Other serial number = 21442

regulator serial number = 12120
ERG : PR-48

Astronics

Photo:



INTEGRATED AIR SAMPLES

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

Sample ID Air-11197130-4/10/2020-M3-33	Date: 4/10/2020	Time: 3:32:59 PM	Coordinates: 42.336838, -87.891073
--	---------------------------	----------------------------	--

Sampler: EM	Sample Location: Amhurst Lake	Pump ID: 19284	Start Time: 4/10/2020 15:37:32	Stop Time: 4/11/2020 14:45:44	Sample Period (min): 1388.2	Sample Volume (L): 0
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Calibrator Model:	Calibrator Serial:	Pre Calibration Flow Rate (mL/min):	Post Calibration Flow Rate (mL/min):	Average Flow Rate (mL/min):
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Flow Rate Calculations
Initial Gauge Pressure (In Hg) : 29
Final Pressure (In Hg): 7

Comments:

Summa canister serial number = 19284
Other serial number =

regulator serial number = 10314
ERG : PR-40

Amhurst Lake

Photo:





INTEGRATED AIR SAMPLES

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

Sample ID Air-11197130-4/10/2020-M4-33	Date: 4/10/2020	Time: 3:42:49 PM	Coordinates: 42.337566, -87.881386
--	---------------------------	----------------------------	--

Sampler: EM	Sample Location: Greenbelt South	Pump ID: 19291	Start Time: 4/10/2020 15:46:30	Stop Time: 4/11/2020 14:53:46	Sample Period (min): 1387.26667	Sample Volume (L): 0
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Calibrator Model:	Calibrator Serial:	Pre Calibration Flow Rate (mL/min):	Post Calibration Flow Rate (mL/min):	Average Flow Rate (mL/min):
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Flow Rate Calculations
 Initial Gauge Pressure (In Hg) : 29
 Final Pressure (In Hg): 6

Comments:
 Summa canister serial number = 19291
 Other serial number =
 regulator serial number = 12121
 ERG : PR-49





INTEGRATED AIR SAMPLES

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

Sample ID Air-11197130-4/10/2020-M1-33	Date: 4/10/2020	Time: 3:53:41 PM	Coordinates: 42.342101, -87.880827
--	---------------------------	----------------------------	--

Sampler: EM	Sample Location: Greenbelt North	Pump ID: A21021	Start Time: 4/10/2020 15:57:38	Stop Time: 4/11/2020 15:03:53	Sample Period (min): 1386.25	Sample Volume (L): 0
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Calibrator Model:	Calibrator Serial:	Pre Calibration Flow Rate (mL/min):	Post Calibration Flow Rate (mL/min):	Average Flow Rate (mL/min):
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Flow Rate Calculations
Initial Gauge Pressure (In Hg) : 29
Final Pressure (In Hg): 6

Comments:

Summa canister serial number = A21021
Other serial number = 03671

regulator serial number = 11924
ERG : PR-45

Greenbelt North

Photo:





INTEGRATED AIR SAMPLES

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

Sample ID Air-11197130-4/10/2020-M2-33	Date: 4/10/2020	Time: 4:05:49 PM	Coordinates: 42.349871, -87.878625
--	---------------------------	----------------------------	--

Sampler: EM	Sample Location: Christo Rey	Pump ID: SAT134	Start Time: 4/10/2020 16:09:42	Stop Time: 4/11/2020 15:11:03	Sample Period (min): 1381.35	Sample Volume (L): 0
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Calibrator Model:	Calibrator Serial:	Pre Calibration Flow Rate (mL/min):	Post Calibration Flow Rate (mL/min):	Average Flow Rate (mL/min):
--------------------------	---------------------------	--	---	------------------------------------

Flow Rate Calculations

Initial Gauge Pressure (In Hg) : 27
 Final Pressure (In Hg): 5

Comments:

Summa canister serial number = SAT134
 Other serial number = A6687

regulator serial number = 10310
 ERG : PR-36

Photo:





INTEGRATED AIR SAMPLES

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

Sample ID Air-11197130-4/10/2020-V1-33	Date: 4/10/2020	Time: 4:20:47 PM	Coordinates: 42.389529, -87.890044
--	---------------------------	----------------------------	--

Sampler: EM	Sample Location: Spaulding School	Pump ID: AZ47	Start Time: 4/10/2020 16:25:33	Stop Time: 4/11/2020 15:39:22	Sample Period (min): 1393.81667	Sample Volume (L): 0
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Calibrator Model:	Calibrator Serial:	Pre Calibration Flow Rate (mL/min):	Post Calibration Flow Rate (mL/min):	Average Flow Rate (mL/min):
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Flow Rate Calculations

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

Comments:

Summa canister serial number = AZ47
Other serial number = A10670

regulator serial number = 11923
ERG : PR-44

Spaulding School

Photo:



INTEGRATED AIR SAMPLES

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

Sample ID Air-11197130-4/10/2020-V2-33	Date: 4/10/2020	Time: 4:29:09 PM	Coordinates: 42.383121, -87.894178
--	---------------------------	----------------------------	--

Sampler: EM	Sample Location: Keith Lot	Pump ID: SAT033	Start Time: 4/10/2020 16:34:02	Stop Time: 4/11/2020 15:45:15	Sample Period (min): 1391.21667	Sample Volume (L): 0
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Calibrator Model:	Calibrator Serial:	Pre Calibration Flow Rate (mL/min):	Post Calibration Flow Rate (mL/min):	Average Flow Rate (mL/min):
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Flow Rate Calculations

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

Comments:

Summa canister serial number = SAT033
Other serial number = A6573

regulator serial number = 10312
ERG : PR-38

Photo:



INTEGRATED AIR SAMPLES

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

Sample ID Air-11197130-4/10/2020-V4-33	Date: 4/10/2020	Time: 4:39:39 PM	Coordinates: 42.377821, -87.900084
--	---------------------------	----------------------------	--

Sampler: EM	Sample Location: Gurnee Glass	Pump ID: 19299	Start Time: 4/10/2020 16:42:33	Stop Time: 4/11/2020 15:51:53	Sample Period (min): 1389.33333	Sample Volume (L): 0
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Calibrator Model:	Calibrator Serial:	Pre Calibration Flow Rate (mL/min):	Post Calibration Flow Rate (mL/min):	Average Flow Rate (mL/min):
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Flow Rate Calculations
 Initial Gauge Pressure (In Hg) : 22
 Final Pressure (In Hg): 0

Comments:
 Summa canister serial number = 19299
 Other serial number =
 regulator serial number = 10311
 ERG : PR-37
 Gurnee Glass

Photo:





INTEGRATED AIR SAMPLES

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

Sample ID Air-11197130-4/10/2020-V3-33	Date: 4/10/2020	Time: 4:46:08 PM	Coordinates: 42.380566, -87.899482
--	---------------------------	----------------------------	--

Sampler: Em	Sample Location: Gallagher Company	Pump ID: SAT152	Start Time: 4/10/2020 16:50:36	Stop Time: 4/11/2020 16:00:19	Sample Period (min): 1389.71667	Sample Volume (L): 0
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Calibrator Model:	Calibrator Serial:	Pre Calibration Flow Rate (mL/min):	Post Calibration Flow Rate (mL/min):	Average Flow Rate (mL/min):
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Flow Rate Calculations
 Initial Gauge Pressure (In Hg) : 29
 Final Pressure (In Hg): 7

Comments:
 Summa canister serial number = SAT152
 Other serial number = A6633
 regulator serial number = 10294
 ERG : PR-35
 Gallagher Company





INTEGRATED AIR SAMPLES

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

Sample ID Air-11197130-4/10/2020-V5-33	Date: 4/10/2020	Time: 4:53:43 PM	Coordinates: 42.386027, -87.905548
--	---------------------------	----------------------------	--

Sampler: EM	Sample Location: Comed Easement	Pump ID: 18868	Start Time: 4/10/2020 16:57:51	Stop Time: 4/11/2020 16:05:40	Sample Period (min): 1387.81667	Sample Volume (L): 0
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Calibrator Model:	Calibrator Serial:	Pre Calibration Flow Rate (mL/min):	Post Calibration Flow Rate (mL/min):	Average Flow Rate (mL/min):
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Flow Rate Calculations
 Initial Gauge Pressure (In Hg) : 28
 Final Pressure (In Hg): 5

Comments:
 Summa canister serial number = 18868
 Other serial number = 11925
 regulator serial number = 11923
 ERG : PR-46
 Comed Easement

Photo:





INTEGRATED AIR SAMPLES

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

Sample ID Air-11197130-4/10/2020-R1-33	Date: 4/10/2020	Time: 5:14:45 PM	Coordinates: 42.355909, -87.909968
--	---------------------------	----------------------------	--

Sampler: Em	Sample Location: O'Plaine Park	Pump ID: SAT140	Start Time: 4/10/2020 17:15:19	Stop Time: 4/11/2020 16:19:19	Sample Period (min): 1384	Sample Volume (L): 0
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Calibrator Model:	Calibrator Serial:	Pre Calibration Flow Rate (mL/min):	Post Calibration Flow Rate (mL/min):	Average Flow Rate (mL/min):
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Flow Rate Calculations
 Initial Gauge Pressure (In Hg) : 29
 Final Pressure (In Hg): 8

Comments:
 Summa canister serial number = SAT140
 Other serial number = A6655
 regulator serial number = 10315
 ERG : PR-41
 O'Plaine Park





INTEGRATED AIR SAMPLES

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

Sample ID Air-11197130-4/10/2020-R2-33	Date: 4/10/2020	Time: 5:26:12 PM	Coordinates: 42.365060, -87.970888
--	---------------------------	----------------------------	--

Sampler: EM	Sample Location: Woodland Middle School	Pump ID: 19278	Start Time: 4/10/2020 17:27:37	Stop Time: 4/11/2020 16:28:59	Sample Period (min): 1381.36667	Sample Volume (L): 0
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Calibrator Model:	Calibrator Serial:	Pre Calibration Flow Rate (mL/min):	Post Calibration Flow Rate (mL/min):	Average Flow Rate (mL/min):
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Flow Rate Calculations

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

Comments:

Summa canister serial number = 19278
 Other serial number =
 regulator serial number = 10077
 ERG : PR-31
 Woodland Middle School

Photo:





INTEGRATED AIR SAMPLES

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

Sample ID Air-11197130-4/13/2020-M5-34	Date: 4/13/2020	Time: 11:50:34 AM	Coordinates: 42.341581, -87.892732
--	---------------------------	-----------------------------	--

Sampler: EM	Sample Location: Astronics	Pump ID: 5064	Start Time: 4/13/2020 11:56:21	Stop Time: 4/14/2020 11:33:47	Sample Period (min): 1417.43333	Sample Volume (L): 0
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Calibrator Model:	Calibrator Serial:	Pre Calibration Flow Rate (mL/min):	Post Calibration Flow Rate (mL/min):	Average Flow Rate (mL/min):
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Flow Rate Calculations
 Initial Gauge Pressure (In Hg) : 30
 Final Pressure (In Hg): 9

Comments:
 Summa canister serial number = 5064
 Other serial number =
 regulator serial number = 12120
 ERG : PR-48
 Astronics





INTEGRATED AIR SAMPLES

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

Sample ID Air-11197130-4/13/2020-M3-34	Date: 4/13/2020	Time: 12:06:28 PM	Coordinates: 42.336779, -87.891032
--	---------------------------	-----------------------------	--

Sampler: EM	Sample Location: Amhurst Lake	Pump ID: SAT073	Start Time: 4/13/2020 12:10:11	Stop Time: 4/14/2020 11:45:35	Sample Period (min): 1415.4	Sample Volume (L): 0
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Calibrator Model:	Calibrator Serial:	Pre Calibration Flow Rate (mL/min):	Post Calibration Flow Rate (mL/min):	Average Flow Rate (mL/min):
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Flow Rate Calculations

Initial Gauge Pressure (In Hg) : 26
 Final Pressure (In Hg): 2

Comments:

Summa canister serial number = SAT073
 Other serial number =
 regulator serial number = 10314
 ERG : PR-40

Photo:





INTEGRATED AIR SAMPLES

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

Sample ID Air-11197130-4/13/2020-M4-34	Date: 4/13/2020	Time: 12:22 PM	Coordinates: 42.336343, -87.881393
--	---------------------------	--------------------------	--

Sampler: EM	Sample Location: Greenbelt South	Pump ID: 33534	Start Time: 4/13/2020 12:25:07	Stop Time: 4/14/2020 11:54:57	Sample Period (min): 1409.83333	Sample Volume (L): 0
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Calibrator Model:	Calibrator Serial:	Pre Calibration Flow Rate (mL/min):	Post Calibration Flow Rate (mL/min):	Average Flow Rate (mL/min):
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Flow Rate Calculations

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

Comments:

Summa canister serial number = 33534
 Other serial number =
 regulator serial number = 12121
 ERG : PR-49
 Greenbelt South

Photo:





INTEGRATED AIR SAMPLES

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

Sample ID Air-11197130-4/13/2020-M1-34	Date: 4/13/2020	Time: 12:37:30 PM	Coordinates: 42.342028, -87.880574
--	---------------------------	-----------------------------	--

Sampler: EM	Sample Location: Greenbelt North	Pump ID: 5026	Start Time: 4/13/2020 12:40:13	Stop Time: 4/14/2020 12:07:42	Sample Period (min): 1407.48333	Sample Volume (L): 0
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Calibrator Model:	Calibrator Serial:	Pre Calibration Flow Rate (mL/min):	Post Calibration Flow Rate (mL/min):	Average Flow Rate (mL/min):
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Flow Rate Calculations

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

Comments:

Summa canister serial number = 5026
Other serial number =
regulator serial number = 11294
ERG : PR-45

Greenbelt North

Photo:



INTEGRATED AIR SAMPLES

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

Sample ID Air-11197130-4/13/2020-M2-34	Date: 4/13/2020	Time: 12:51:44 PM	Coordinates: 42.349633, -87.878354
--	---------------------------	-----------------------------	--

Sampler: EM	Sample Location: Christo Rey	Pump ID: SAT139	Start Time: 4/13/2020 12:54:28	Stop Time: 4/14/2020 12:17:42	Sample Period (min): 1403.23333	Sample Volume (L): 0
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Calibrator Model:	Calibrator Serial:	Pre Calibration Flow Rate (mL/min):	Post Calibration Flow Rate (mL/min):	Average Flow Rate (mL/min):
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Flow Rate Calculations

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

Comments:

Summa canister serial number = SAT139
Other serial number =
regulator serial number = 10310
ERG : PR-36

Christo Rey

Photo:



INTEGRATED AIR SAMPLES

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

Sample ID Air-11197130-4/13/2020-V1-34	Date: 4/13/2020	Time: 1:07:28 PM	Coordinates: 42.389660, -87.890131
--	---------------------------	----------------------------	--

Sampler: EM	Sample Location: Spaulding	Pump ID: 5138	Start Time: 4/13/2020 13:10:26	Stop Time: 4/14/2020 12:34:54	Sample Period (min): 1404.46667	Sample Volume (L): 0
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Calibrator Model:	Calibrator Serial:	Pre Calibration Flow Rate (mL/min):	Post Calibration Flow Rate (mL/min):	Average Flow Rate (mL/min):
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Flow Rate Calculations

Initial Gauge Pressure (In Hg) : 28
Final Pressure (In Hg): 8

Comments:

Summa canister serial number = 5138
Other serial number =
regulator serial number = 11923
ERG : PR-44
Spaulding

Photo:



INTEGRATED AIR SAMPLES

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

Sample ID Air-11197130-4/13/2020-V2-34	Date: 4/13/2020	Time: 1:22:19 PM	Coordinates: 42.383023, -87.894182
--	---------------------------	----------------------------	--

Sampler: EM	Sample Location: Keith Lot	Pump ID: 18864	Start Time: 4/13/2020 13:23:43	Stop Time: 4/14/2020 12:43:19	Sample Period (min): 1399.6	Sample Volume (L): 0
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Calibrator Model:	Calibrator Serial:	Pre Calibration Flow Rate (mL/min):	Post Calibration Flow Rate (mL/min):	Average Flow Rate (mL/min):
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Flow Rate Calculations

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

Comments:

Summa canister serial number = 18864
Other serial number =
regulator serial number = 10312
ERG : PR-38

Photo:



INTEGRATED AIR SAMPLES

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

Sample ID Air-11197130-4/13/2020-V4-34	Date: 4/13/2020	Time: 1:34:04 PM	Coordinates: 42.377883, -87.900085
--	---------------------------	----------------------------	--

Sampler: EM	Sample Location: Gurnee Glass	Pump ID: A21037	Start Time: 4/13/2020 13:35:32	Stop Time: 4/14/2020 12:51:03	Sample Period (min): 1395.51667	Sample Volume (L): 0
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Calibrator Model:	Calibrator Serial:	Pre Calibration Flow Rate (mL/min):	Post Calibration Flow Rate (mL/min):	Average Flow Rate (mL/min):
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Flow Rate Calculations

Initial Gauge Pressure (In Hg) : 23
 Final Pressure (In Hg): 1

Comments:

Summa canister serial number = A21037
 Other serial number =
 regulator serial number = 10311
 ERG : PR-37
 Gurnee Glass

Photo:





INTEGRATED AIR SAMPLES

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

Sample ID Air-11197130-4/13/2020-V3-34	Date: 4/13/2020	Time: 1:53:05 PM	Coordinates: 42.380481, -87.899498
--	---------------------------	----------------------------	--

Sampler: EM	Sample Location: Gallagher Company	Pump ID: SAT015	Start Time: 4/13/2020 13:54:42	Stop Time: 4/14/2020 13:18:08	Sample Period (min): 1403.43333	Sample Volume (L): 0
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Calibrator Model:	Calibrator Serial:	Pre Calibration Flow Rate (mL/min):	Post Calibration Flow Rate (mL/min):	Average Flow Rate (mL/min):
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Flow Rate Calculations
 Initial Gauge Pressure (In Hg) : 30
 Final Pressure (In Hg): 7

Comments:
 Summa canister serial number = SAT015
 Other serial number = A6558
 regulator serial number = 10294
 ERG : PR-35
 Gallagher Company





INTEGRATED AIR SAMPLES

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

Sample ID Air-11197130-4/13/2020-V5-34	Date: 4/13/2020	Time: 2:01:38 PM	Coordinates: 42.386124, -87.905638
--	---------------------------	----------------------------	--

Sampler: EM	Sample Location: Comed Easement	Pump ID: 5057	Start Time: 4/13/2020 14:04:34	Stop Time: 4/14/2020 13:27:05	Sample Period (min): 1402.51667	Sample Volume (L): 0
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Calibrator Model:	Calibrator Serial:	Pre Calibration Flow Rate (mL/min):	Post Calibration Flow Rate (mL/min):	Average Flow Rate (mL/min):
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Flow Rate Calculations

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

Comments:

Summa canister serial number = 5058
Other serial number =
regulator serial number = 11925
ERG : PR-46

Comed Easement

Photo:



INTEGRATED AIR SAMPLES

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

Sample ID Air-11197130-4/13/2020-R1-34	Date: 4/13/2020	Time: 2:20:06 PM	Coordinates: 42.356488, -87.909887
--	---------------------------	----------------------------	--

Sampler: EM	Sample Location: O'Plaine Park	Pump ID: 18826	Start Time: 4/13/2020 14:26	Stop Time: 4/14/2020 13:49:01	Sample Period (min): 1403.01667	Sample Volume (L): 0
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Calibrator Model:	Calibrator Serial:	Pre Calibration Flow Rate (mL/min):	Post Calibration Flow Rate (mL/min):	Average Flow Rate (mL/min):
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Flow Rate Calculations
 Initial Gauge Pressure (In Hg) : 29
 Final Pressure (In Hg): 7

Comments:
 Summa canister serial number = 18826
 Other serial number =
 regulator serial number = 10315
 ERG : PR-41
 O'Plaine Park





INTEGRATED AIR SAMPLES

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

Sample ID Air-11197130-4/13/2020-R2-34	Date: 4/13/2020	Time: 2:44:14 PM	Coordinates: 42.364930, -87.970991
--	---------------------------	----------------------------	--

Sampler: EM	Sample Location: Woodland Middle School	Pump ID: 5106	Start Time: 4/13/2020 14:45:51	Stop Time: 4/14/2020 14:04:37	Sample Period (min): 1398.76667	Sample Volume (L): 0
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Calibrator Model:	Calibrator Serial:	Pre Calibration Flow Rate (mL/min):	Post Calibration Flow Rate (mL/min):	Average Flow Rate (mL/min):
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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

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

Sample ID Air-11197130-4/16/2020-M5-35	Date: 4/16/2020	Time: 5:14:08 PM	Coordinates: 42.341610, -87.892663
--	---------------------------	----------------------------	--

Sampler: EM	Sample Location: Astronics	Pump ID: 19664	Start Time: 4/16/2020 17:14:37	Stop Time: 4/17/2020 16:45:37	Sample Period (min): 1411	Sample Volume (L): 0
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Calibrator Model:	Calibrator Serial:	Pre Calibration Flow Rate (mL/min):	Post Calibration Flow Rate (mL/min):	Average Flow Rate (mL/min):
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Flow Rate Calculations
Initial Gauge Pressure (In Hg) : >30
Final Pressure (In Hg): 8

Photo:



Comments:



INTEGRATED AIR SAMPLES

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

Sample ID Air-11197130-4/16/2020-M3-35	Date: 4/16/2020	Time: 5:20:53 PM	Coordinates: 42.336782, -87.891112
--	---------------------------	----------------------------	--

Sampler: EM	Sample Location: Amhurst Lake	Pump ID: A21101	Start Time: 4/16/2020 17:25:04	Stop Time: 4/17/2020 16:53:21	Sample Period (min): 1408.28333	Sample Volume (L): 0
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Calibrator Model:	Calibrator Serial:	Pre Calibration Flow Rate (mL/min):	Post Calibration Flow Rate (mL/min):	Average Flow Rate (mL/min):
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Flow Rate Calculations
 Initial Gauge Pressure (In Hg) : 30
 Final Pressure (In Hg): 6

Comments:





INTEGRATED AIR SAMPLES

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

Sample ID Air-11197130-4/16/2020-M4-35	Date: 4/16/2020	Time: 5:31:55 PM	Coordinates: 42.337548, -87.881369
--	---------------------------	----------------------------	--

Sampler: EM	Sample Location: Greenbelt South	Pump ID: 5132	Start Time: 4/16/2020 17:37:43	Stop Time: 4/17/2020 17:00:41	Sample Period (min): 1402.96667	Sample Volume (L): 0
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Calibrator Model:	Calibrator Serial:	Pre Calibration Flow Rate (mL/min):	Post Calibration Flow Rate (mL/min):	Average Flow Rate (mL/min):
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Flow Rate Calculations
Initial Gauge Pressure (In Hg) : 30
Final Pressure (In Hg): 7

Comments:

Photo:



INTEGRATED AIR SAMPLES

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

Sample ID Air-11197130-4/16/2020-M1-35	Date: 4/16/2020	Time: 5:43:26 PM	Coordinates: 42.342095, -87.880680
--	---------------------------	----------------------------	--

Sampler: EM	Sample Location: Greenbelt North	Pump ID: 18880	Start Time: 4/16/2020 17:47:58	Stop Time: 4/17/2020 17:09:20	Sample Period (min): 1401.36667	Sample Volume (L): 0
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Calibrator Model:	Calibrator Serial:	Pre Calibration Flow Rate (mL/min):	Post Calibration Flow Rate (mL/min):	Average Flow Rate (mL/min):
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Flow Rate Calculations
Initial Gauge Pressure (In Hg) : 30
Final Pressure (In Hg): 4

Comments:

Photo:

The photograph shows an air sampling pump mounted on a silver tripod in a grassy field. In the foreground, a white sign with black text is placed on the ground. The sign reads: 'WAUKEGAN 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. For questions, please email Health@waukegan.il.gov'. The background shows a line of trees under an overcast sky.



INTEGRATED AIR SAMPLES

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

Sample ID Air-11197130-4/16/2020-M2-35	Date: 4/16/2020	Time: 5:55:33 PM	Coordinates: 42.349545, -87.878386
--	---------------------------	----------------------------	--

Sampler: EM	Sample Location: Christo Rey	Pump ID: 19289	Start Time: 4/16/2020 17:56:18	Stop Time: 4/17/2020 17:19	Sample Period (min): 1402.7	Sample Volume (L): 0
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Calibrator Model:	Calibrator Serial:	Pre Calibration Flow Rate (mL/min):	Post Calibration Flow Rate (mL/min):	Average Flow Rate (mL/min):
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Flow Rate Calculations

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

Comments:**Photo:**



INTEGRATED AIR SAMPLES

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

Sample ID Air-11197130-4/16/2020-V1-35	Date: 4/16/2020	Time: 6:11:58 PM	Coordinates: 42.389528, -87.890120
--	---------------------------	----------------------------	--

Sampler: EM	Sample Location: Spaulding School	Pump ID: SAT016	Start Time: 4/16/2020 18:14:57	Stop Time: 4/17/2020 17:34:16	Sample Period (min): 1399.31667	Sample Volume (L): 0
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Calibrator Model:	Calibrator Serial:	Pre Calibration Flow Rate (mL/min):	Post Calibration Flow Rate (mL/min):	Average Flow Rate (mL/min):
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Flow Rate Calculations
Initial Gauge Pressure (In Hg) : 29
Final Pressure (In Hg): 5

Photo:



Comments:



INTEGRATED AIR SAMPLES

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

Sample ID Air-11197130-4/16/2020-V2-35	Date: 4/16/2020	Time: 6:18:37 PM	Coordinates: 42.382960, -87.894234
--	---------------------------	----------------------------	--

Sampler: EM	Sample Location: Keith Lot	Pump ID: 19649	Start Time: 4/16/2020 18:21:12	Stop Time: 4/17/2020 17:39:05	Sample Period (min): 1397.88333	Sample Volume (L): 0
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Calibrator Model:	Calibrator Serial:	Pre Calibration Flow Rate (mL/min):	Post Calibration Flow Rate (mL/min):	Average Flow Rate (mL/min):
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Flow Rate Calculations
Initial Gauge Pressure (In Hg) : 29
Final Pressure (In Hg): 6

Comments:

Photo:





INTEGRATED AIR SAMPLES

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

Sample ID Air-11197130-4/16/2020-V4-35	Date: 4/16/2020	Time: 6:25:15 PM	Coordinates: 42.377945, -87.900018
--	---------------------------	----------------------------	--

Sampler: EM	Sample Location: Gurnee Glass	Pump ID: 5130	Start Time: 4/16/2020 18:28:06	Stop Time: 4/17/2020 17:45:23	Sample Period (min): 1397.28333	Sample Volume (L): 0
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Calibrator Model:	Calibrator Serial:	Pre Calibration Flow Rate (mL/min):	Post Calibration Flow Rate (mL/min):	Average Flow Rate (mL/min):
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Flow Rate Calculations
 Initial Gauge Pressure (In Hg) : 23
 Final Pressure (In Hg): 0

Comments:

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
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Sample ID Air-11197130-4/16/2020-V3-35	Date: 4/16/2020	Time: 6:32:36 PM	Coordinates: 42.380821, -87.899660
--	---------------------------	----------------------------	--

Sampler: EM	Sample Location: Gallagher Company	Pump ID: SAT120	Start Time: 4/16/2020 18:36:25	Stop Time: 4/17/2020 17:50:49	Sample Period (min): 1394.4	Sample Volume (L): 0
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Calibrator Model:	Calibrator Serial:	Pre Calibration Flow Rate (mL/min):	Post Calibration Flow Rate (mL/min):	Average Flow Rate (mL/min):
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Flow Rate Calculations
Initial Gauge Pressure (In Hg) : 29
Final Pressure (In Hg): 7

Photo:



Comments:



INTEGRATED AIR SAMPLES

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

Sample ID: Air-11197130-4/16/2020-V5-35	Date: 4/16/2020	Time: 6:42:32 PM	Coordinates: 42.386022, -87.905676
---	---------------------------	----------------------------	--

Sampler: EM	Sample Location: Comed Easement	Pump ID: 18877	Start Time: 4/16/2020 18:43:29	Stop Time: 4/17/2020 17:56:31	Sample Period (min): 1393.03333	Sample Volume (L): 0
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Calibrator Model:	Calibrator Serial:	Pre Calibration Flow Rate (mL/min):	Post Calibration Flow Rate (mL/min):	Average Flow Rate (mL/min):
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Flow Rate Calculations

Initial Gauge Pressure (In Hg) : 28
 Final Pressure (In Hg): 3

Comments:

Photo:





INTEGRATED AIR SAMPLES

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

Sample ID Air-11197130-4/16/2020-R1-35	Date: 4/16/2020	Time: 6:59:26 PM	Coordinates: 42.355869, -87.910143
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Sampler: EM	Sample Location: O'Plaine Park	Pump ID: SAT020	Start Time: 4/16/2020 18:59:59	Stop Time: 4/17/2020 18:10:12	Sample Period (min): 1390.21667	Sample Volume (L): 0
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Calibrator Model:	Calibrator Serial:	Pre Calibration Flow Rate (mL/min):	Post Calibration Flow Rate (mL/min):	Average Flow Rate (mL/min):
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Flow Rate Calculations
 Initial Gauge Pressure (In Hg) : 29
 Final Pressure (In Hg): 7

Comments:





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

Sample ID Air-11197130-4/16/2020-R2-35	Date: 4/16/2020	Time: 7:13:52 PM	Coordinates: 42.364988, -87.970943
--	---------------------------	----------------------------	--

Sampler: EM	Sample Location: Woodland Middle School	Pump ID: SAT116	Start Time: 4/16/2020 19:14:14	Stop Time: 4/17/2020 18:22:57	Sample Period (min): 1388.71667	Sample Volume (L): 0
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Calibrator Model:	Calibrator Serial:	Pre Calibration Flow Rate (mL/min):	Post Calibration Flow Rate (mL/min):	Average Flow Rate (mL/min):
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Flow Rate Calculations

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

Photo:



Comments:



INTEGRATED AIR SAMPLES

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

Sample ID Air-11197130-4/19/2020-M5-36	Date: 4/19/2020	Time: 12:31 PM	Coordinates: 42.341592, -87.892803
--	---------------------------	--------------------------	--

Sampler: EM	Sample Location: Astronics	Pump ID: 2767	Start Time: 4/19/2020 12:33:26	Stop Time: 4/20/2020 12:10:57	Sample Period (min): 1417.51667	Sample Volume (L): 0
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Calibrator Model:	Calibrator Serial:	Pre Calibration Flow Rate (mL/min):	Post Calibration Flow Rate (mL/min):	Average Flow Rate (mL/min):
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Flow Rate Calculations
 Initial Gauge Pressure (In Hg) : >30
 Final Pressure (In Hg): 7

Comments:

Photo:



INTEGRATED AIR SAMPLES

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

Sample ID Air-11197130-4/19/2020-M3-36	Date: 4/19/2020	Time: 12:47:28 PM	Coordinates: 42.336659, -87.891516
--	---------------------------	-----------------------------	--

Sampler: EM	Sample Location: Amhurst Lake	Pump ID: 19641	Start Time: 4/19/2020 12:47:53	Stop Time: 4/20/2020 12:23:09	Sample Period (min): 1415.26667	Sample Volume (L): 0
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Calibrator Model:	Calibrator Serial:	Pre Calibration Flow Rate (mL/min):	Post Calibration Flow Rate (mL/min):	Average Flow Rate (mL/min):
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Flow Rate Calculations
Initial Gauge Pressure (In Hg) : 30
Final Pressure (In Hg): 7

Comments:

Photo:



INTEGRATED AIR SAMPLES

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

Sample ID Air-11197130-4/19/2020-M4-36	Date: 4/19/2020	Time: 12:56:06 PM	Coordinates: 42.337622, -87.881539
--	---------------------------	-----------------------------	--

Sampler: EM	Sample Location: Greenbelt South	Pump ID: SAT044	Start Time: 4/19/2020 12:58:28	Stop Time: 4/20/2020 12:33:45	Sample Period (min): 1415.28333	Sample Volume (L): 0
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Calibrator Model:	Calibrator Serial:	Pre Calibration Flow Rate (mL/min):	Post Calibration Flow Rate (mL/min):	Average Flow Rate (mL/min):
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Flow Rate Calculations
Initial Gauge Pressure (In Hg) : 29
Final Pressure (In Hg): 6

Photo:

Comments:





INTEGRATED AIR SAMPLES

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

Sample ID Air-11197130-4/19/2020-M1-36	Date: 4/19/2020	Time: 1:08:29 PM	Coordinates: 42.342462, -87.880522
--	---------------------------	----------------------------	--

Sampler: EM	Sample Location: Greenbelt North	Pump ID: 19288	Start Time: 4/19/2020 13:09:29	Stop Time: 4/20/2020 12:44:50	Sample Period (min): 1415.35	Sample Volume (L): 0
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Calibrator Model:	Calibrator Serial:	Pre Calibration Flow Rate (mL/min):	Post Calibration Flow Rate (mL/min):	Average Flow Rate (mL/min):
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Flow Rate Calculations
Initial Gauge Pressure (In Hg) : 29
Final Pressure (In Hg): 4

Comments:

Photo:

The photograph shows an air monitoring station set up on a tripod in a grassy field. The station consists of a pump and a sampler. In the foreground, there is a sign that reads "WAUKEGAN Government Property Air Monitoring in Progress". The sign also includes contact information for the Waukegan Health Department and a note that the equipment may be subject to preservation.



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
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Sample ID Air-11197130-4/19/2020-M2-36	Date: 4/19/2020	Time: 1:23:17 PM	Coordinates: 42.349749, -87.878273
--	---------------------------	----------------------------	--

Sampler: EM	Sample Location: Christo Rey	Pump ID: A21040	Start Time: 4/19/2020 13:24:16	Stop Time: 4/20/2020 12:53:56	Sample Period (min): 1409.66667	Sample Volume (L): 0
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Calibrator Model:	Calibrator Serial:	Pre Calibration Flow Rate (mL/min):	Post Calibration Flow Rate (mL/min):	Average Flow Rate (mL/min):
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Flow Rate Calculations
Initial Gauge Pressure (In Hg) : 28
Final Pressure (In Hg): 4

Photo:



Comments:



INTEGRATED AIR SAMPLES

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

Sample ID Air-11197130-4/19/2020-V1-36	Date: 4/19/2020	Time: 1:39:02 PM	Coordinates: 42.389601, -87.890060
--	---------------------------	----------------------------	--

Sampler: EM	Sample Location: Spaulding School	Pump ID: 18829	Start Time: 4/19/2020 13:41:17	Stop Time: 4/20/2020 13:10:24	Sample Period (min): 1409.11667	Sample Volume (L): 0
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Calibrator Model:	Calibrator Serial:	Pre Calibration Flow Rate (mL/min):	Post Calibration Flow Rate (mL/min):	Average Flow Rate (mL/min):
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Flow Rate Calculations
Initial Gauge Pressure (In Hg) : 23
Final Pressure (In Hg): 0

Photo:



Comments:



INTEGRATED AIR SAMPLES

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

Sample ID: Air-11197130-4/19/2020-V2-36	Date: 4/19/2020	Time: 1:52:05 PM	Coordinates: 42.383079, -87.894176
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Sampler: Em	Sample Location: Keith Lot	Pump ID: SAT013	Start Time: 4/19/2020 13:52:30	Stop Time: 4/20/2020 13:17:22	Sample Period (min): 1404.86667	Sample Volume (L): 0
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Calibrator Model:	Calibrator Serial:	Pre Calibration Flow Rate (mL/min):	Post Calibration Flow Rate (mL/min):	Average Flow Rate (mL/min):
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Flow Rate Calculations
Initial Gauge Pressure (In Hg) : 29
Final Pressure (In Hg): 8

Comments:

Photo:

The photo shows an air sampling pump mounted on a tripod in a grassy field. In the background, there are tall reeds and a house. A sign in the foreground reads: 'GURNEE Government Property Air Monitoring in Progress'. Below the sign, 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. For questions, please email health@hdc.gurnee.il.gov'. The sign also features the Gurnee logo and the Health Department and Environmental Health Center logo.



INTEGRATED AIR SAMPLES

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

Sample ID Air-11197130-4/19/2020-V4-36	Date: 4/19/2020	Time: 2:03:21 PM	Coordinates: 42.377846, -87.900028
--	---------------------------	----------------------------	--

Sampler: EM	Sample Location: Gurnee Glass	Pump ID: SAT113	Start Time: 4/19/2020 14:05:33	Stop Time: 4/20/2020 13:26:03	Sample Period (min): 1400.5	Sample Volume (L): 0
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Calibrator Model:	Calibrator Serial:	Pre Calibration Flow Rate (mL/min):	Post Calibration Flow Rate (mL/min):	Average Flow Rate (mL/min):
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Flow Rate Calculations
Initial Gauge Pressure (In Hg) : 22
Final Pressure (In Hg): 0

Photo:



Comments:



INTEGRATED AIR SAMPLES

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

Sample ID Air-11197130-4/19/2020-V4-36	Date: 4/19/2020	Time: 2:16:45 PM	Coordinates: 42.380491, -87.899505
--	---------------------------	----------------------------	--

Sampler: EM	Sample Location: Gallagher Company	Pump ID: 18835	Start Time: 4/19/2020 14:19:14	Stop Time: 4/20/2020 13:49:10	Sample Period (min): 1409.93333	Sample Volume (L): 0
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Calibrator Model:	Calibrator Serial:	Pre Calibration Flow Rate (mL/min):	Post Calibration Flow Rate (mL/min):	Average Flow Rate (mL/min):
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Flow Rate Calculations
 Initial Gauge Pressure (In Hg) : 25
 Final Pressure (In Hg): 1

Photo:



Comments:



INTEGRATED AIR SAMPLES

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

Sample ID Air-11197130-4/19/2020-V5-36	Date: 4/19/2020	Time: 2:28:33 PM	Coordinates: 42.386329, -87.905717
--	---------------------------	----------------------------	--

Sampler: EM	Sample Location: Comed Easement	Pump ID: A21033	Start Time: 4/19/2020 14:29:17	Stop Time: 4/20/2020 13:57:16	Sample Period (min): 1407.98333	Sample Volume (L): 0
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Calibrator Model:	Calibrator Serial:	Pre Calibration Flow Rate (mL/min):	Post Calibration Flow Rate (mL/min):	Average Flow Rate (mL/min):
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Flow Rate Calculations
 Initial Gauge Pressure (In Hg) : 28
 Final Pressure (In Hg): 4

Comments:

Photo:



INTEGRATED AIR SAMPLES

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

Sample ID Air-11197130-4/19/2020-R1-36	Date: 4/19/2020	Time: 2:51:17 PM	Coordinates: 42.355820, -87.910139
--	---------------------------	----------------------------	--

Sampler: EM	Sample Location: O'Plaine Park	Pump ID: SAT048	Start Time: 4/19/2020 14:51:50	Stop Time: 4/20/2020 14:17:25	Sample Period (min): 1405.58333	Sample Volume (L): 0
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Calibrator Model:	Calibrator Serial:	Pre Calibration Flow Rate (mL/min):	Post Calibration Flow Rate (mL/min):	Average Flow Rate (mL/min):
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Flow Rate Calculations
Initial Gauge Pressure (In Hg) : 30
Final Pressure (In Hg): 6

Photo:

Comments:





INTEGRATED AIR SAMPLES

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

Sample ID Air-11197130-4/19/2020-R2-36	Date: 4/19/2020	Time: 3:03:27 PM	Coordinates: 42.365042, -87.970975
--	---------------------------	----------------------------	--

Sampler: EM	Sample Location: Woodland Middle	Pump ID: SAT035	Start Time: 4/19/2020 15:05:43	Stop Time: 4/20/2020 14:29:53	Sample Period (min): 1404.16667	Sample Volume (L): 0
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Calibrator Model:	Calibrator Serial:	Pre Calibration Flow Rate (mL/min):	Post Calibration Flow Rate (mL/min):	Average Flow Rate (mL/min):
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Flow Rate Calculations
Initial Gauge Pressure (In Hg) : 30
Final Pressure (In Hg): 8

Photo:



Comments:



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

Sample ID Air-11197130-4/22/2020-M5-37	Date: 4/22/2020	Time: 12:38:52 PM	Coordinates: 42.341099, -87.892744
--	---------------------------	-----------------------------	--

Sampler: EM	Sample Location: Astronics	Pump ID: SAT165	Start Time: 4/22/2020 12:39:51	Stop Time: 4/23/2020 12:15:02	Sample Period (min): 1415.18333	Sample Volume (L): 0
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Calibrator Model:	Calibrator Serial:	Pre Calibration Flow Rate (mL/min):	Post Calibration Flow Rate (mL/min):	Average Flow Rate (mL/min):
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Flow Rate Calculations

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

Comments:

Photo:





INTEGRATED AIR SAMPLES

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

Sample ID Air-11197130-4/22/2020-M3-37	Date: 4/22/2020	Time: 12:47:49 PM	Coordinates: 42.336857, -87.891166
--	---------------------------	-----------------------------	--

Sampler: EM	Sample Location: Amhurst Lake	Pump ID: 18881	Start Time: 4/22/2020 12:48:28	Stop Time: 4/23/2020 12:28:21	Sample Period (min): 1419.88333	Sample Volume (L): 0
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Calibrator Model:	Calibrator Serial:	Pre Calibration Flow Rate (mL/min):	Post Calibration Flow Rate (mL/min):	Average Flow Rate (mL/min):
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Flow Rate Calculations
 Initial Gauge Pressure (In Hg) : 30
 Final Pressure (In Hg): 7

Comments:

Photo:



INTEGRATED AIR SAMPLES

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

Sample ID Air-11197130-4/22/2020-M4-37	Date: 4/22/2020	Time: 12:59 PM	Coordinates: 42.337573, -87.881398
--	---------------------------	--------------------------	--

Sampler: EM	Sample Location: Greenbelt South	Pump ID: A22330	Start Time: 4/22/2020 13:00:03	Stop Time: 4/23/2020 12:38:35	Sample Period (min): 1418.53333	Sample Volume (L): 0
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Calibrator Model:	Calibrator Serial:	Pre Calibration Flow Rate (mL/min):	Post Calibration Flow Rate (mL/min):	Average Flow Rate (mL/min):
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Flow Rate Calculations

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

Comments:**Photo:**



INTEGRATED AIR SAMPLES

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

Sample ID Air-11197130-4/22/2020-M1-37	Date: 4/22/2020	Time: 1:11:50 PM	Coordinates: 42.342491, -87.880458
--	---------------------------	----------------------------	--

Sampler: EM	Sample Location: Greenbelt North	Pump ID: 5018	Start Time: 4/22/2020 13:12:12	Stop Time: 4/23/2020 12:48:41	Sample Period (min): 1416.48333	Sample Volume (L): 0
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Calibrator Model:	Calibrator Serial:	Pre Calibration Flow Rate (mL/min):	Post Calibration Flow Rate (mL/min):	Average Flow Rate (mL/min):
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Flow Rate Calculations
Initial Gauge Pressure (In Hg) : 29
Final Pressure (In Hg): 6

Comments:

Photo:



INTEGRATED AIR SAMPLES

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

Sample ID Air-11197130-4/22/2020-M2-37	Date: 4/22/2020	Time: 1:22:30 PM	Coordinates: 42.349644, -87.878532
--	---------------------------	----------------------------	--

Sampler: EM	Sample Location: Christo Rey	Pump ID: 18821	Start Time: 4/22/2020 13:22:54	Stop Time: 4/23/2020 13:00:07	Sample Period (min): 1417.21667	Sample Volume (L): 0
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Calibrator Model:	Calibrator Serial:	Pre Calibration Flow Rate (mL/min):	Post Calibration Flow Rate (mL/min):	Average Flow Rate (mL/min):
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Flow Rate Calculations
Initial Gauge Pressure (In Hg) : 29
Final Pressure (In Hg): 5

Photo:



Comments:



INTEGRATED AIR SAMPLES

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

Sample ID Air-11197130-4/22/2020-V1-37	Date: 4/22/2020	Time: 1:51:18 PM	Coordinates: 42.389666, -87.890108
--	---------------------------	----------------------------	--

Sampler: EM	Sample Location: Spaulding School	Pump ID: 5074	Start Time: 4/22/2020 13:52	Stop Time: 4/23/2020 13:30:02	Sample Period (min): 1418.03333	Sample Volume (L): 0
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Calibrator Model:	Calibrator Serial:	Pre Calibration Flow Rate (mL/min):	Post Calibration Flow Rate (mL/min):	Average Flow Rate (mL/min):
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Flow Rate Calculations
Initial Gauge Pressure (In Hg) : 29
Final Pressure (In Hg): 7

Comments:

Photo:

The photograph shows an air sampling pump mounted on a silver tripod in a grassy field. In the foreground, a white sign with black text and logos is visible. The sign features the Gurnee logo and Lake County Health Department logo. The text on the sign reads: "Government Property Air Monitoring in Progress", "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 HealthENR@lakecountyl.gov". The background shows a grassy area with some trees and a building in the distance under a cloudy sky.



INTEGRATED AIR SAMPLES

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

Sample ID Air-11197130-4/22/2020-V2-37	Date: 4/22/2020	Time: 2:00:18 PM	Coordinates: 42.383109, -87.894286
--	---------------------------	----------------------------	--

Sampler: EM	Sample Location: Keith Lot	Pump ID: A21091	Start Time: 4/22/2020 14:01:23	Stop Time: 4/23/2020 13:38:38	Sample Period (min): 1417.25	Sample Volume (L): 0
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Calibrator Model:	Calibrator Serial:	Pre Calibration Flow Rate (mL/min):	Post Calibration Flow Rate (mL/min):	Average Flow Rate (mL/min):
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Flow Rate Calculations

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

Comments:**Photo:**



INTEGRATED AIR SAMPLES

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

Sample ID Air-11197130-4/22/2020-V4-37	Date: 4/22/2020	Time: 2:08:57 PM	Coordinates: 42.377879, -87.900067
--	---------------------------	----------------------------	--

Sampler: EM	Sample Location: Gurnee Glass	Pump ID: A21081	Start Time: 4/22/2020 14:09:54	Stop Time: 4/23/2020 13:50	Sample Period (min): 1420.1	Sample Volume (L): 0
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Calibrator Model:	Calibrator Serial:	Pre Calibration Flow Rate (mL/min):	Post Calibration Flow Rate (mL/min):	Average Flow Rate (mL/min):
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Flow Rate Calculations
 Initial Gauge Pressure (In Hg) : 22
 Final Pressure (In Hg): 1

Comments:





INTEGRATED AIR SAMPLES

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

Sample ID Air-11197130-4/22/2020-V3-37	Date: 4/22/2020	Time: 2:28:28 PM	Coordinates: 42.380514, -87.899486
--	---------------------------	----------------------------	--

Sampler: EM	Sample Location: Gallagher Company	Pump ID: A21103	Start Time: 4/22/2020 14:31:39	Stop Time: 4/23/2020 13:57:03	Sample Period (min): 1405.4	Sample Volume (L): 0
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Calibrator Model:	Calibrator Serial:	Pre Calibration Flow Rate (mL/min):	Post Calibration Flow Rate (mL/min):	Average Flow Rate (mL/min):
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Flow Rate Calculations
Initial Gauge Pressure (In Hg) : 29
Final Pressure (In Hg): 6

Photo:



Comments:



INTEGRATED AIR SAMPLES

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

Sample ID Air-11197130-4/22/2020-V5-37	Date: 4/22/2020	Time: 2:35:45 PM	Coordinates: 42.386027, -87.905731
--	---------------------------	----------------------------	--

Sampler: Comed Easement	Sample Location: EM	Pump ID: 5010	Start Time: 4/22/2020 14:39:43	Stop Time: 4/23/2020 14:08:39	Sample Period (min): 1408.93333	Sample Volume (L): 0
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Calibrator Model:	Calibrator Serial:	Pre Calibration Flow Rate (mL/min):	Post Calibration Flow Rate (mL/min):	Average Flow Rate (mL/min):
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Flow Rate Calculations
Initial Gauge Pressure (In Hg) : 28
Final Pressure (In Hg): 6

Comments:

Photo:



INTEGRATED AIR SAMPLES

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

Sample ID Air-11197130-4/22/2020-R1-37	Date: 4/22/2020	Time: 2:56:51 PM	Coordinates: 42.355820, -87.910099
--	---------------------------	----------------------------	--

Sampler: EM	Sample Location: O'Plaine Park	Pump ID: 5108	Start Time: 4/22/2020 14:57:14	Stop Time: 4/23/2020 14:26:15	Sample Period (min): 1409.01667	Sample Volume (L): 0
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Calibrator Model:	Calibrator Serial:	Pre Calibration Flow Rate (mL/min):	Post Calibration Flow Rate (mL/min):	Average Flow Rate (mL/min):
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Flow Rate Calculations
Initial Gauge Pressure (In Hg) : 29
Final Pressure (In Hg): 7

Comments:





INTEGRATED AIR SAMPLES

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

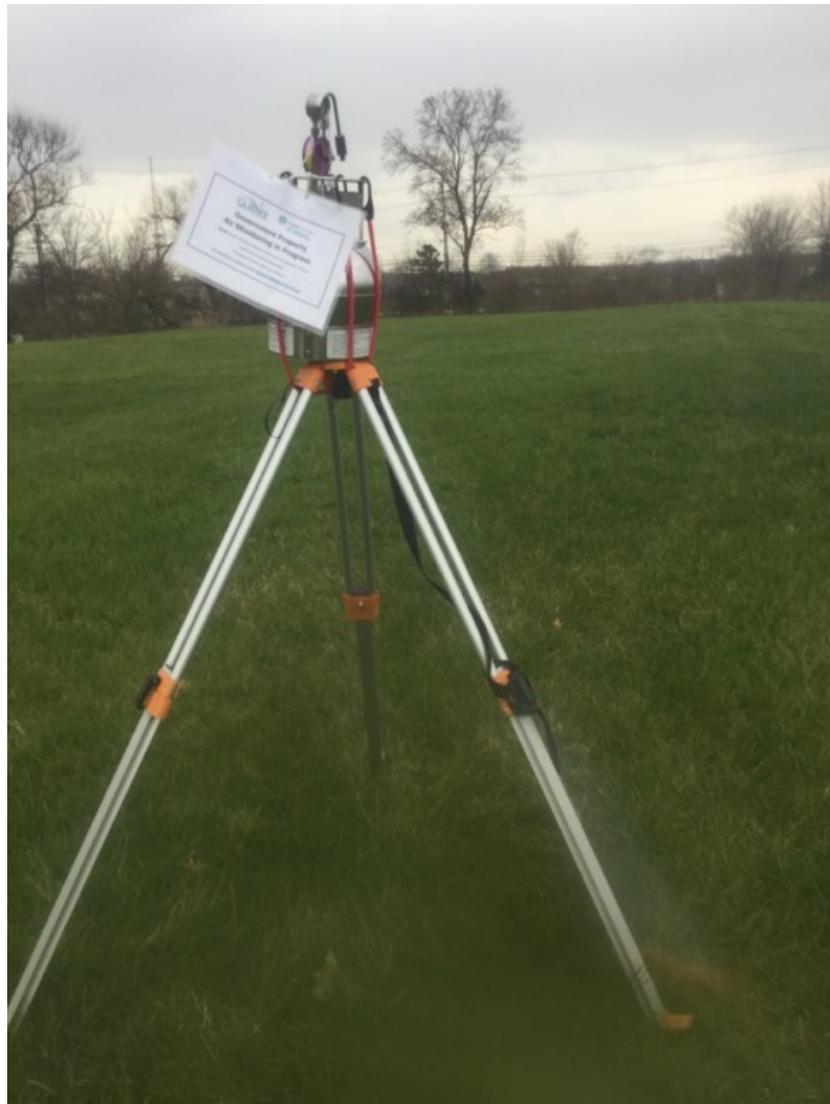
Sample ID Air-11197130-4/22/2020-R2-37	Date: 4/22/2020	Time: 3:10:15 PM	Coordinates: 42.365040, -87.971108
--	---------------------------	----------------------------	--

Sampler: EM	Sample Location: Woodland Middle School	Pump ID: SAT053	Start Time: 4/22/2020 15:10:37	Stop Time: 4/23/2020 14:44:55	Sample Period (min): 1414.3	Sample Volume (L): 0
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Calibrator Model:	Calibrator Serial:	Pre Calibration Flow Rate (mL/min):	Post Calibration Flow Rate (mL/min):	Average Flow Rate (mL/min):
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Flow Rate Calculations

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

Comments:**Photo:**



INTEGRATED AIR SAMPLES

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

Sample ID Air-11197130-4/25/2020-M5-38	Date: 4/25/2020	Time: 12:31:21 PM	Coordinates: 42.341116, -87.892769
--	---------------------------	-----------------------------	--

Sampler: EM	Sample Location: Astronics	Pump ID: 5077	Start Time: 4/25/2020 12:33:59	Stop Time: 4/26/2020 12:19:54	Sample Period (min): 1425.91667	Sample Volume (L): 0
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Calibrator Model:	Calibrator Serial:	Pre Calibration Flow Rate (mL/min):	Post Calibration Flow Rate (mL/min):	Average Flow Rate (mL/min):
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Flow Rate Calculations
 Initial Gauge Pressure (In Hg) : 30
 Final Pressure (In Hg): 9

Comments:





INTEGRATED AIR SAMPLES

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

Sample ID Air-11197130-4/25/2020-M3-38	Date: 4/25/2020	Time: 12:53:36 PM	Coordinates: 42.336570, -87.891564
--	---------------------------	-----------------------------	--

Sampler: EM	Sample Location: Amhurst Lake	Pump ID: 18865	Start Time: 4/25/2020 12:59:42	Stop Time: 4/26/2020 12:29:55	Sample Period (min): 1410.21667	Sample Volume (L): 0
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Calibrator Model:	Calibrator Serial:	Pre Calibration Flow Rate (mL/min):	Post Calibration Flow Rate (mL/min):	Average Flow Rate (mL/min):
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Flow Rate Calculations
 Initial Gauge Pressure (In Hg) : 25
 Final Pressure (In Hg): 1

Comments:

Photo:



INTEGRATED AIR SAMPLES

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

Sample ID Air-11197130-4/25/2020-M4-38	Date: 4/25/2020	Time: 1:08:51 PM	Coordinates: 42.337532, -87.881327
--	---------------------------	----------------------------	--

Sampler: EM	Sample Location: Greenbelt South	Pump ID: 33507	Start Time: 4/25/2020 13:11:40	Stop Time: 4/26/2020 12:39:24	Sample Period (min): 1407.73333	Sample Volume (L): 0
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Calibrator Model:	Calibrator Serial:	Pre Calibration Flow Rate (mL/min):	Post Calibration Flow Rate (mL/min):	Average Flow Rate (mL/min):
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Flow Rate Calculations
Initial Gauge Pressure (In Hg) : 29
Final Pressure (In Hg): 6

Photo:



Comments:



INTEGRATED AIR SAMPLES

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

Sample ID Air-11197130-4/25/2020-M1-38	Date: 4/25/2020	Time: 1:31:59 PM	Coordinates: 42.342262, -87.880224
--	---------------------------	----------------------------	--

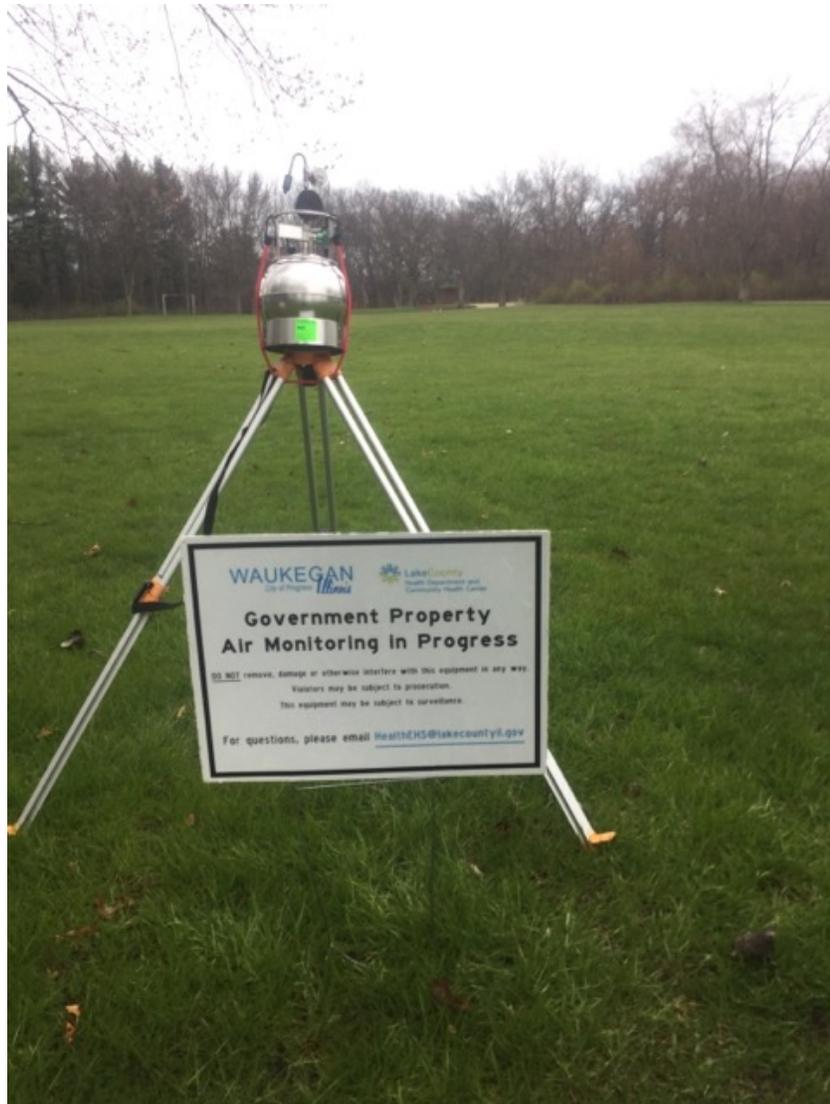
Sampler: EM	Sample Location: Greenbelt North	Pump ID: SAT087	Start Time: 4/25/2020 13:32:19	Stop Time: 4/26/2020 13:00:13	Sample Period (min): 1407.9	Sample Volume (L): 0
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Calibrator Model:	Calibrator Serial:	Pre Calibration Flow Rate (mL/min):	Post Calibration Flow Rate (mL/min):	Average Flow Rate (mL/min):
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Flow Rate Calculations

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

Photo:



Comments:



INTEGRATED AIR SAMPLES

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

Sample ID Air-11197130-4/25/2020-M2-38	Date: 4/25/2020	Time: 1:43:25 PM	Coordinates: 42.349683, -87.878387
--	---------------------------	----------------------------	--

Sampler: EM	Sample Location: Christo Rey	Pump ID: 33540	Start Time: 4/25/2020 13:47:09	Stop Time: 4/26/2020 13:01:25	Sample Period (min): 1394.26667	Sample Volume (L): 0
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Calibrator Model:	Calibrator Serial:	Pre Calibration Flow Rate (mL/min):	Post Calibration Flow Rate (mL/min):	Average Flow Rate (mL/min):
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Flow Rate Calculations
Initial Gauge Pressure (In Hg) : 28
Final Pressure (In Hg): 6

Comments:

Photo:

The photograph shows an air sampling pump (EM) mounted on a silver tripod in an open field. A sign in the foreground reads: "Waukegan Government Property Air Monitoring in Progress". The sign also includes logos for Waukegan and Lake County Health Department and provides contact information: "For more information, please email healthEHS@lakecountyil.gov". The background shows a grassy field, utility poles, and some buildings under an overcast sky.



INTEGRATED AIR SAMPLES

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

Sample ID Air-11197130-4/25/2020-V1-38	Date: 4/25/2020	Time: 2:29:30 PM	Coordinates: 42.389538, -87.889974
--	---------------------------	----------------------------	--

Sampler: EM	Sample Location: Spaulding School	Pump ID: 5081	Start Time: 4/25/2020 14:31:14	Stop Time: 4/26/2020 13:16:46	Sample Period (min): 1365.53333	Sample Volume (L): 0
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Calibrator Model:	Calibrator Serial:	Pre Calibration Flow Rate (mL/min):	Post Calibration Flow Rate (mL/min):	Average Flow Rate (mL/min):
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Flow Rate Calculations
Initial Gauge Pressure (In Hg) : 28
Final Pressure (In Hg): 8

Comments:

Photo:





INTEGRATED AIR SAMPLES

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

Sample ID Air-11197130-4/25/2020-V2-38	Date: 4/25/2020	Time: 2:35:45 PM	Coordinates: 42.382968, -87.894144
--	---------------------------	----------------------------	--

Sampler: EM	Sample Location: Keith Lot	Pump ID: 19300	Start Time: 4/25/2020 14:37:01	Stop Time: 4/26/2020 13:27:07	Sample Period (min): 1370.1	Sample Volume (L): 0
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Calibrator Model:	Calibrator Serial:	Pre Calibration Flow Rate (mL/min):	Post Calibration Flow Rate (mL/min):	Average Flow Rate (mL/min):
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Flow Rate Calculations

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

Comments:**Photo:**



INTEGRATED AIR SAMPLES

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

Sample ID Air-11197130-4/25/2020-V4-38	Date: 4/25/2020	Time: 2:44 PM	Coordinates: 42.377626, -87.900092
--	---------------------------	-------------------------	--

Sampler: EM	Sample Location: Gurnee Glass	Pump ID: 5094	Start Time: 4/25/2020 14:44:33	Stop Time: 4/26/2020 13:36:20	Sample Period (min): 1371.78333	Sample Volume (L): 0
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Calibrator Model:	Calibrator Serial:	Pre Calibration Flow Rate (mL/min):	Post Calibration Flow Rate (mL/min):	Average Flow Rate (mL/min):
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Flow Rate Calculations
Initial Gauge Pressure (In Hg) : 22
Final Pressure (In Hg): 1

Photo:



Comments:



INTEGRATED AIR SAMPLES

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

Sample ID Air-11197130-4/25/2020-V5-38	Date: 4/25/2020	Time: 2:59:42 PM	Coordinates: 42.386065, -87.905719
--	---------------------------	----------------------------	--

Sampler: EM	Sample Location: Comed Easement	Pump ID: 33506	Start Time: 4/25/2020 15:01:34	Stop Time: 4/26/2020 13:54:24	Sample Period (min): 1372.83333	Sample Volume (L): 0
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Calibrator Model:	Calibrator Serial:	Pre Calibration Flow Rate (mL/min):	Post Calibration Flow Rate (mL/min):	Average Flow Rate (mL/min):
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Flow Rate Calculations
 Initial Gauge Pressure (In Hg) : 28
 Final Pressure (In Hg): 5

Comments:

Photo:





INTEGRATED AIR SAMPLES

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

Sample ID Air-11197130-4/25/2020-R1-38	Date: 4/25/2020	Time: 3:17:03 PM	Coordinates: 42.355810, -87.909921
--	---------------------------	----------------------------	--

Sampler: EM	Sample Location: O'Plaine Park	Pump ID: 5048	Start Time: 4/25/2020 15:17:29	Stop Time: 4/26/2020 14:09:07	Sample Period (min): 1371.63333	Sample Volume (L): 0
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Calibrator Model:	Calibrator Serial:	Pre Calibration Flow Rate (mL/min):	Post Calibration Flow Rate (mL/min):	Average Flow Rate (mL/min):
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Flow Rate Calculations
 Initial Gauge Pressure (In Hg) : 30
 Final Pressure (In Hg): 8

Comments:





INTEGRATED AIR SAMPLES

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

Sample ID Air-11197130-4/25/2020-R2-38	Date: 4/25/2020	Time: 3:31:05 PM	Coordinates: 42.365109, -87.970794
--	---------------------------	----------------------------	--

Sampler: EM	Sample Location: Woodland Middle School	Pump ID: 19654	Start Time: 4/25/2020 15:34:13	Stop Time: 4/26/2020 14:20:39	Sample Period (min): 1366.43333	Sample Volume (L): 0
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Calibrator Model:	Calibrator Serial:	Pre Calibration Flow Rate (mL/min):	Post Calibration Flow Rate (mL/min):	Average Flow Rate (mL/min):
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Flow Rate Calculations
Initial Gauge Pressure (In Hg) : >30
Final Pressure (In Hg): 10

Photo:



Comments:



INTEGRATED AIR SAMPLES

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

Sample ID Air-11197130-4/28/2020-M5-39	Date: 4/28/2020	Time: 12:34:01 PM	Coordinates: 42.341575, -87.892672
--	---------------------------	-----------------------------	--

Sampler: EM	Sample Location: Astronics	Pump ID: 19666	Start Time: 4/28/2020 12:34:26	Stop Time: 4/29/2020 12:17:14	Sample Period (min): 1422.8	Sample Volume (L): 0
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Calibrator Model:	Calibrator Serial:	Pre Calibration Flow Rate (mL/min):	Post Calibration Flow Rate (mL/min):	Average Flow Rate (mL/min):
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Flow Rate Calculations
 Initial Gauge Pressure (In Hg) : 30
 Final Pressure (In Hg): 7

Comments:





INTEGRATED AIR SAMPLES

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

Sample ID Air-11197130-4/28/2020-M3-39	Date: 4/28/2020	Time: 12:43:36 PM	Coordinates: 42.336534, -87.891419
--	---------------------------	-----------------------------	--

Sampler: EM	Sample Location: Amhurst Lake	Pump ID: 35143	Start Time: 4/28/2020 12:44:08	Stop Time: 4/29/2020 12:30:02	Sample Period (min): 1425.9	Sample Volume (L): 0
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Calibrator Model:	Calibrator Serial:	Pre Calibration Flow Rate (mL/min):	Post Calibration Flow Rate (mL/min):	Average Flow Rate (mL/min):
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Flow Rate Calculations

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

Comments:

Photo:





INTEGRATED AIR SAMPLES

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

Sample ID Air-11197130-4/28/2020-M4-39	Date: 4/28/2020	Time: 12:55:07 PM	Coordinates: 42.337445, -87.881584
--	---------------------------	-----------------------------	--

Sampler: EM	Sample Location: Greenbelt South	Pump ID: 19651	Start Time: 4/28/2020 12:55:32	Stop Time: 4/29/2020 12:39:53	Sample Period (min): 1424.35	Sample Volume (L): 0
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Calibrator Model:	Calibrator Serial:	Pre Calibration Flow Rate (mL/min):	Post Calibration Flow Rate (mL/min):	Average Flow Rate (mL/min):
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Flow Rate Calculations
Initial Gauge Pressure (In Hg) : 29
Final Pressure (In Hg): 7

Photo:



Comments:



INTEGRATED AIR SAMPLES

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

Sample ID Air-11197130-4/28/2020-M1-39	Date: 4/28/2020	Time: 1:02:23 PM	Coordinates: 42.342177, -87.880757
--	---------------------------	----------------------------	--

Sampler: EM	Sample Location: Greenbelt North	Pump ID: A21002	Start Time: 4/28/2020 13:05:31	Stop Time: 4/29/2020 12:50:47	Sample Period (min): 1425.26667	Sample Volume (L): 0
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Calibrator Model:	Calibrator Serial:	Pre Calibration Flow Rate (mL/min):	Post Calibration Flow Rate (mL/min):	Average Flow Rate (mL/min):
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Flow Rate Calculations
Initial Gauge Pressure (In Hg) : 29
Final Pressure (In Hg): 10

Photo:



Comments:



INTEGRATED AIR SAMPLES

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

Sample ID Air-11197130-4/28/2020-M2-39	Date: 4/28/2020	Time: 1:13:15 PM	Coordinates: 42.349745, -87.878405
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Sampler: EM	Sample Location: Christo Rey	Pump ID: 406	Start Time: 4/28/2020 13:15:28	Stop Time: 4/29/2020 13:01:27	Sample Period (min): 1425.98333	Sample Volume (L): 0
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Calibrator Model:	Calibrator Serial:	Pre Calibration Flow Rate (mL/min):	Post Calibration Flow Rate (mL/min):	Average Flow Rate (mL/min):
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Flow Rate Calculations
Initial Gauge Pressure (In Hg) : 28
Final Pressure (In Hg): 3

Photo:



Comments:



INTEGRATED AIR SAMPLES

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

Sample ID Air-11197130-4/28/2020-V1-39	Date: 4/28/2020	Time: 1:34:51 PM	Coordinates: 42.389531, -87.890275
--	---------------------------	----------------------------	--

Sampler: EM	Sample Location: Spaulding School	Pump ID: SAT085	Start Time: 4/28/2020 13:35:13	Stop Time: 4/29/2020 13:21:58	Sample Period (min): 1426.75	Sample Volume (L): 0
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Calibrator Model:	Calibrator Serial:	Pre Calibration Flow Rate (mL/min):	Post Calibration Flow Rate (mL/min):	Average Flow Rate (mL/min):
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Flow Rate Calculations
Initial Gauge Pressure (In Hg) : 29
Final Pressure (In Hg): 10

Photo:



Comments:



INTEGRATED AIR SAMPLES

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

Sample ID Air-11197130-4/28/2020-V2-39	Date: 4/28/2020	Time: 1:42:42 PM	Coordinates: 42.383109, -87.894271
--	---------------------------	----------------------------	--

Sampler: EM	Sample Location: Keith Lot	Pump ID: SAT047	Start Time: 4/28/2020 13:43:33	Stop Time: 4/29/2020 13:30:01	Sample Period (min): 1426.46667	Sample Volume (L): 0
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Calibrator Model:	Calibrator Serial:	Pre Calibration Flow Rate (mL/min):	Post Calibration Flow Rate (mL/min):	Average Flow Rate (mL/min):
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Flow Rate Calculations
Initial Gauge Pressure (In Hg) : 28
Final Pressure (In Hg): 5

Comments:

Photo:





INTEGRATED AIR SAMPLES

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

Sample ID Air-11197130-4/28/2020-V4-39	Date: 4/28/2020	Time: 1:52:19 PM	Coordinates: 42.377731, -87.899704
--	---------------------------	----------------------------	--

Sampler: EM	Sample Location: Gurnee Glass	Pump ID: 33519	Start Time: 4/28/2020 13:52:42	Stop Time: 4/29/2020 13:40:12	Sample Period (min): 1427.5	Sample Volume (L): 0
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Calibrator Model:	Calibrator Serial:	Pre Calibration Flow Rate (mL/min):	Post Calibration Flow Rate (mL/min):	Average Flow Rate (mL/min):
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Flow Rate Calculations
Initial Gauge Pressure (In Hg) : 22
Final Pressure (In Hg): 0

Photo:



Comments:



INTEGRATED AIR SAMPLES

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

Sample ID Air-11197130-4/28/2020-V3-39	Date: 4/28/2020	Time: 2:02:43 PM	Coordinates: 42.380483, -87.899391
--	---------------------------	----------------------------	--

Sampler: EM	Sample Location: Gallagher Company	Pump ID: 19657	Start Time: 4/28/2020 14:03:09	Stop Time: 4/29/2020 14:07:16	Sample Period (min): 1444.11667	Sample Volume (L): 0
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Calibrator Model:	Calibrator Serial:	Pre Calibration Flow Rate (mL/min):	Post Calibration Flow Rate (mL/min):	Average Flow Rate (mL/min):
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Flow Rate Calculations
Initial Gauge Pressure (In Hg) : 29
Final Pressure (In Hg): 6

Photo:



Comments:



INTEGRATED AIR SAMPLES

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

Sample ID Air-11197130-4/28/2020-R1-39	Date: 4/28/2020	Time: 2:26:46 PM	Coordinates: 42.355860, -87.910139
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Sampler: EM	Sample Location: O'Plaine Park	Pump ID: 33516	Start Time: 4/28/2020 14:27:18	Stop Time: 4/29/2020 14:52:14	Sample Period (min): 1464.93333	Sample Volume (L): 0
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Calibrator Model:	Calibrator Serial:	Pre Calibration Flow Rate (mL/min):	Post Calibration Flow Rate (mL/min):	Average Flow Rate (mL/min):
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Flow Rate Calculations
 Initial Gauge Pressure (In Hg) : 30
 Final Pressure (In Hg): 2

Comments:





INTEGRATED AIR SAMPLES

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

Sample ID Air-11197130-4/28/2020-R2-39	Date: 4/28/2020	Time: 2:41 PM	Coordinates: 42.364889, -87.970896
--	---------------------------	-------------------------	--

Sampler: EM	Sample Location: Woodland Middle School	Pump ID: 5142	Start Time: 4/28/2020 14:41:25	Stop Time: 4/29/2020 14:52:21	Sample Period (min): 1450.93333	Sample Volume (L): 0
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Calibrator Model:	Calibrator Serial:	Pre Calibration Flow Rate (mL/min):	Post Calibration Flow Rate (mL/min):	Average Flow Rate (mL/min):
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Flow Rate Calculations
 Initial Gauge Pressure (In Hg) : 28
 Final Pressure (In Hg): 2

Photo:



Comments:



INTEGRATED AIR SAMPLES

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

Sample ID Air-11197130-5/1/2020-M5-40	Date: 5/1/2020	Time: 1:03:40 PM	Coordinates: 42.341619, -87.892716
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Sampler: EM	Sample Location: Astronics	Pump ID: SAT039	Start Time: 5/1/2020 13:07:33	Stop Time: 5/2/2020 12:26:03	Sample Period (min): 1398.5	Sample Volume (L): 0
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Calibrator Model:	Calibrator Serial:	Pre Calibration Flow Rate (mL/min):	Post Calibration Flow Rate (mL/min):	Average Flow Rate (mL/min):
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Flow Rate Calculations

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

Comments:

Regulator dial broken, not displaying correct pressure. Pump appears to have worked, unknown final pressure

Photo:



INTEGRATED AIR SAMPLES

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

Sample ID Air-11197130-5/1/2020-M3-40	Date: 5/1/2020	Time: 1:18:07 PM	Coordinates: 42.336540, -87.891613
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Sampler: EM	Sample Location: Amhurst Lake	Pump ID: 5116	Start Time: 5/1/2020 13:18:33	Stop Time: 5/2/2020 12:41:23	Sample Period (min): 1402.83333	Sample Volume (L): 0
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Calibrator Model:	Calibrator Serial:	Pre Calibration Flow Rate (mL/min):	Post Calibration Flow Rate (mL/min):	Average Flow Rate (mL/min):
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Flow Rate Calculations
Initial Gauge Pressure (In Hg) : 30
Final Pressure (In Hg): 8

Comments:

Photo:

The photograph shows an air sampling pump mounted on a silver tripod in a grassy area. In the foreground, a white sign with blue and black text is visible. The sign reads: 'WAUKEGAN Government Property Air Monitoring in Progress'. Below this, it says: 'Please remain aware of vehicle activity with this equipment in any way. Visitors may be subject to surveillance. This equipment may be subject to surveillance. For questions, please email heavymvs@waukegan.il.gov'. The background shows a residential area with trees and a house.



INTEGRATED AIR SAMPLES

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

Sample ID Air-11197130-5/1/2020-M4-40	Date: 5/1/2020	Time: 1:29:28 PM	Coordinates: 42.337477, -87.881415
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Sampler: EM	Sample Location: Greenbelt South	Pump ID: 18823	Start Time: 5/1/2020 13:29:53	Stop Time: 5/2/2020 12:55:58	Sample Period (min): 1406.08333	Sample Volume (L): 0
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Calibrator Model:	Calibrator Serial:	Pre Calibration Flow Rate (mL/min):	Post Calibration Flow Rate (mL/min):	Average Flow Rate (mL/min):
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Flow Rate Calculations
Initial Gauge Pressure (In Hg) : 30
Final Pressure (In Hg): 6

Comments:

Photo:

The photograph shows an air monitoring station set up on a tripod in a grassy field. A sign in the foreground reads: "Waukegan Government Property Air Monitoring in Progress". The sign also includes a disclaimer: "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 contact information: "For questions, please email health@waukegan.il.gov". The background shows a field with some trees and a body of water under a cloudy sky.



INTEGRATED AIR SAMPLES

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

Sample ID Air-11197130-5/1/2020-M1-40	Date: 5/1/2020	Time: 1:38:56 PM	Coordinates: 42.342349, -87.880477
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Sampler: EM	Sample Location: Greenbelt North	Pump ID: 19279	Start Time: 5/1/2020 13:39:22	Stop Time: 5/2/2020 13:07:03	Sample Period (min): 1407.68333	Sample Volume (L): 0
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Calibrator Model:	Calibrator Serial:	Pre Calibration Flow Rate (mL/min):	Post Calibration Flow Rate (mL/min):	Average Flow Rate (mL/min):
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Flow Rate Calculations

Initial Gauge Pressure (In Hg) : 30
 Final Pressure (In Hg): 12

Comments:

Photo:





INTEGRATED AIR SAMPLES

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

Sample ID Air-11197130-5/1/2020-M2-40	Date: 5/1/2020	Time: 1:54:03 PM	Coordinates: 42.349817, -87.878503
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Sampler: EM	Sample Location: Christo Rey	Pump ID: 18831	Start Time: 5/1/2020 13:54:44	Stop Time: 5/2/2020 13:23:02	Sample Period (min): 1408.3	Sample Volume (L): 0
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Calibrator Model:	Calibrator Serial:	Pre Calibration Flow Rate (mL/min):	Post Calibration Flow Rate (mL/min):	Average Flow Rate (mL/min):
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Flow Rate Calculations
Initial Gauge Pressure (In Hg) : 27
Final Pressure (In Hg): 4

Comments:

Photo:



INTEGRATED AIR SAMPLES

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

Sample ID Air-11197130-5/1/2020-V1-40	Date: 5/1/2020	Time: 2:09:20 PM	Coordinates: 42.389452, -87.890101
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Sampler: EM	Sample Location: Spaulding School	Pump ID: SAT032	Start Time: 5/1/2020 14:09:43	Stop Time: 5/2/2020 13:48:18	Sample Period (min): 1418.58333	Sample Volume (L): 0
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Calibrator Model:	Calibrator Serial:	Pre Calibration Flow Rate (mL/min):	Post Calibration Flow Rate (mL/min):	Average Flow Rate (mL/min):
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Flow Rate Calculations

Initial Gauge Pressure (In Hg) : 29
 Final Pressure (In Hg): 25

Comments:

SAMPLE NOT VALID,
 REGULATOR PR-44
 LIKELY BROKEN

Photo:





INTEGRATED AIR SAMPLES

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

Sample ID Air-11197130-5/1/2020-V2-40	Date: 5/1/2020	Time: 2:17:18 PM	Coordinates: 42.382995, -87.894129
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Sampler: EM	Sample Location: Keith Lot	Pump ID: 18884	Start Time: 5/1/2020 14:17:39	Stop Time: 5/2/2020 13:56:08	Sample Period (min): 1418.48333	Sample Volume (L): 0
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Calibrator Model:	Calibrator Serial:	Pre Calibration Flow Rate (mL/min):	Post Calibration Flow Rate (mL/min):	Average Flow Rate (mL/min):
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Flow Rate Calculations
Initial Gauge Pressure (In Hg) : 29
Final Pressure (In Hg): 8

Comments:

Photo:





INTEGRATED AIR SAMPLES

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

Sample ID Air-11197130-5/1/2020-V4-40	Date: 5/1/2020	Time: 2:24:11 PM	Coordinates: 42.377807, -87.899949
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Sampler: EM	Sample Location: Gurnee Glass	Pump ID: AZ51	Start Time: 5/1/2020 14:24:33	Stop Time: 5/2/2020 14:12:57	Sample Period (min): 1428.4	Sample Volume (L): 0
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Calibrator Model:	Calibrator Serial:	Pre Calibration Flow Rate (mL/min):	Post Calibration Flow Rate (mL/min):	Average Flow Rate (mL/min):
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Flow Rate Calculations

Initial Gauge Pressure (In Hg) : 22
 Final Pressure (In Hg): 0

Comments:**Photo:**



INTEGRATED AIR SAMPLES

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

Sample ID Air-11197130-5/1/2020-V3-40	Date: 5/1/2020	Time: 2:31:35 PM	Coordinates: 42.380428, -87.899405
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Sampler: EM	Sample Location: Gallagher Company	Pump ID: SAT056	Start Time: 5/1/2020 14:31:56	Stop Time: 5/2/2020 14:41:55	Sample Period (min): 1449.98333	Sample Volume (L): 0
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Calibrator Model:	Calibrator Serial:	Pre Calibration Flow Rate (mL/min):	Post Calibration Flow Rate (mL/min):	Average Flow Rate (mL/min):
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Flow Rate Calculations
 Initial Gauge Pressure (In Hg) : 29
 Final Pressure (In Hg): 5

Photo:



Comments:



INTEGRATED AIR SAMPLES

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

Sample ID Air-11197130-5/1/2020-V5-40	Date: 5/1/2020	Time: 2:38:06 PM	Coordinates: 42.385818, -87.905594
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Sampler: EM	Sample Location: Comed Easement	Pump ID: 5029	Start Time: 5/1/2020 14:38:31	Stop Time: 5/2/2020 14:57:29	Sample Period (min): 1458.96667	Sample Volume (L): 0
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Calibrator Model:	Calibrator Serial:	Pre Calibration Flow Rate (mL/min):	Post Calibration Flow Rate (mL/min):	Average Flow Rate (mL/min):
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Flow Rate Calculations
 Initial Gauge Pressure (In Hg) : 28
 Final Pressure (In Hg): 5

Comments:

Photo:





INTEGRATED AIR SAMPLES

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

Sample ID Air-11197130-5/1/2020-R1-40	Date: 5/1/2020	Time: 2:59:38 PM	Coordinates: 42.355878, -87.910091
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Sampler: EM	Sample Location: O'Plaine Park	Pump ID: SAT042	Start Time: 5/1/2020 15:00:03	Stop Time: 5/2/2020 15:23:53	Sample Period (min): 1463.83333	Sample Volume (L): 0
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Calibrator Model:	Calibrator Serial:	Pre Calibration Flow Rate (mL/min):	Post Calibration Flow Rate (mL/min):	Average Flow Rate (mL/min):
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Flow Rate Calculations
Initial Gauge Pressure (In Hg) : 29
Final Pressure (In Hg): 7

Photo:



Comments:



INTEGRATED AIR SAMPLES

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

Sample ID Air-11197130-5/1/2020-R2-40	Date: 5/1/2020	Time: 3:21:15 PM	Coordinates: 42.365015, -87.970992
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Sampler: EM	Sample Location: Woodland Middle School	Pump ID: 5022	Start Time: 5/1/2020 15:21:43	Stop Time:	Sample Period (min): -1.0621e+09	Sample Volume (L): 0
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Calibrator Model:	Calibrator Serial:	Pre Calibration Flow Rate (mL/min):	Post Calibration Flow Rate (mL/min):	Average Flow Rate (mL/min):
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Flow Rate Calculations
Initial Gauge Pressure (In Hg) : >30
Final Pressure (In Hg):

Photo:



Comments: