

## Ethylene Oxide Sampling Results

**Becton, Dickinson and Company**  
Global Distribution Center, Covington, Georgia  
December 26-27, 2019

Sample ID	Label	Section	Start Date	Start Time	Stop Date	Stop Time	Duration (hours)	Initial Vacuum (inches Hg)	Final Vacuum (inches Hg)	Concentration EtO (ug/m <sup>3</sup> )
GDC-S1A 20191226	S1A	1	12/26/2019	15:52	12/27/2019	14:53	23:01	29.5	11.5	46
GDC-S1B 20191226	S1B	1	12/26/2019	15:54	12/27/2019	14:57	23:03	28.5	11.0	110
GDC-S2 20191226	S2	2	12/26/2019	15:57	12/27/2019	15:02	23:05	30.0	10.0	360
GDC-S3 20191226	S3	3	12/26/2019	15:58	12/27/2019	15:06	23:08	28.0	9.5	780
GDC-D 20191226	DUP	3	12/26/2019	15:58	12/27/2019	15:06	23:08	27.0	9.0	790
GDC-S4E 20191226	S4E	4 East	12/26/2019	16:04	12/27/2019	15:14	23:10	30.0	13.0	130
GDC-S4W 20191226	S4W	4 West	12/26/2019	16:07	12/27/2019	15:19	23:12	28.5	10.0	110
GDC-S5 20191226	S5	5	12/26/2019	16:10	12/27/2019	15:25	23:15	28.0	8.0	810
GDC-P1 20191226	P1	Perimeter	12/26/2019	16:23	12/27/2019	15:41	23:18	30.0	8.0	0.99

Section	Sample	Concentration EtO (ug/m <sup>3</sup> )	Fan ID	Flow (cfm)	Mass Rate (lb/hr)
1	S1A	46	EF-26	23,309	0.004
1	S1A	46	EF-24	23,816	0.004
1	S1B	110	EF-17	25,766	0.011
2	S2	360	EF-14	24,350	0.033
2	S2	360	EF-11	23,897	0.032
2	S2	360	EF-8	23,549	0.032
2	S2	360	EF-7	24,270	0.033
3*	S3	785	EF-3	23,977	0.070
4 East	S4E	130	EF-33A	16,601	0.008
4 West	S4W	110	EF-30	16,281	0.007
5	S5	810	F-5-G	26,366	0.080
<b>Average</b>		<b>316.1 (ug/m<sup>3</sup>)</b>	<b>Totals</b>	<b>252,182 (cfm)</b>	<b>0.313 (lb/hr)</b>

\*Note: The concentration listed for Section 3 is the average of the sample and duplicate sample.

