Chemical:
MRID:
PC Code:
Plot:
Guideline:

Application Rate (lbs. a.i./A)

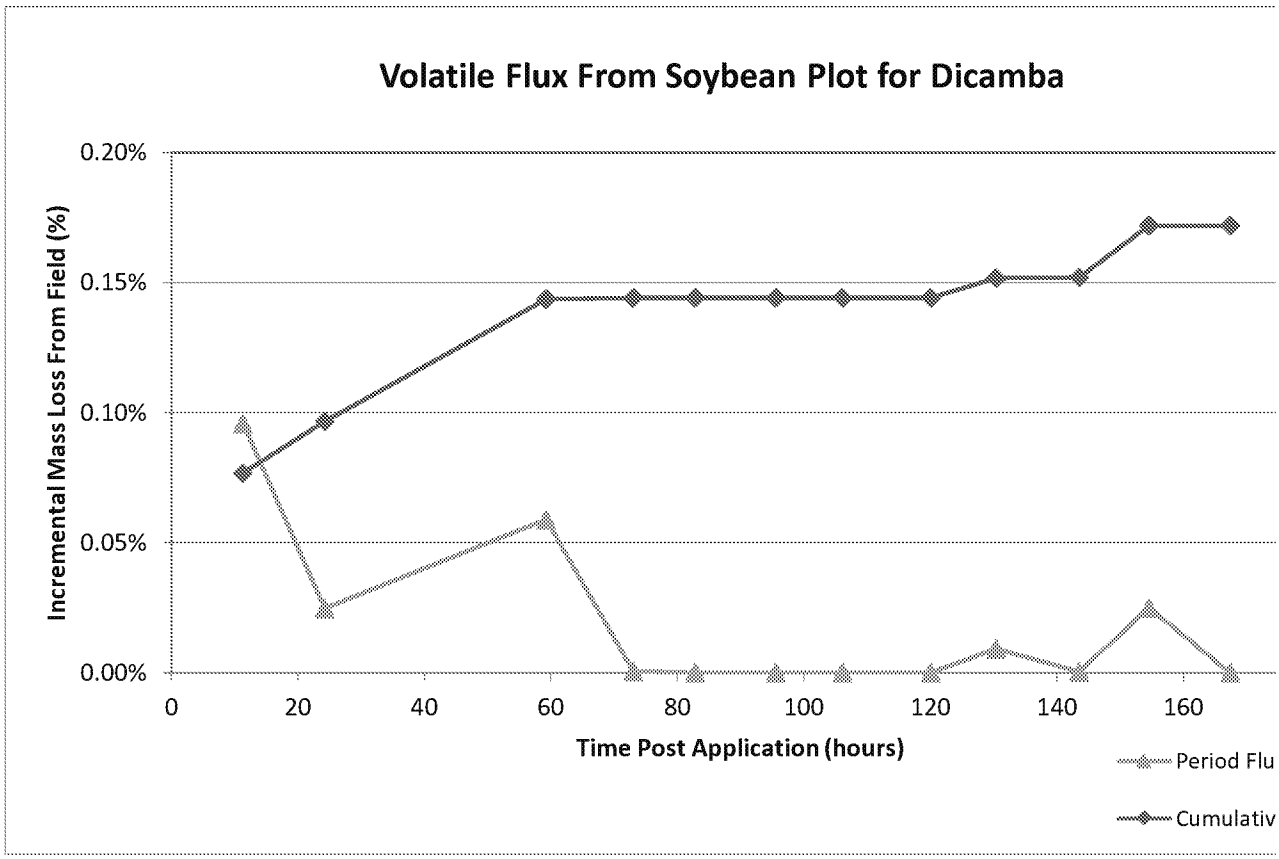
Period
1
2
3
4
5
6
7
8
9
10
11
12

Date and time from Appendix D, Table 3, pp. 552-554 of the study report.
Reasoning from Appendix D, Table 6, p. 559 of the study report.

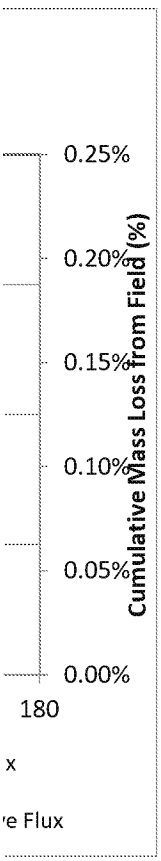
Dicamba
51049003
100094
Soybean
835.8100

0.5

Date/Time	Sampling Period (hrs.)	Time Post Application (hrs.)	Flux ($\mu g/m^2 \cdot s$)	Period % of Applied
6/22, 9:41 - 20:25	10.73	11.32	0.001392	0.00096
6/22-23, 19:44 - 9:21	13.62	24.25	0.000283	0.00025
6/23-24, 8:45 - 20:23	35.63	59.28	0.000257	0.00059
6/24-25, 19:15 - 10:06	14.85	73.00	0.000006	0.00001
6/25, 8:46 - 19:55	11.15	82.82	0.000000	0.00000
6/25-26, 19:08 - 8:44	13.60	95.63	0.000000	0.00000
6/26, 7:54 - 19:13	11.32	106.12	0.000000	0.00000
6/26-27, 18:23 - 19:13	14.83	120.12	0.000000	0.00000
6/27, 7:53 - 19:28	11.58	130.37	0.000126	0.00009
6/27-28, 18:21 - 8:42	14.35	143.60	0.000005	0.00000
6/28, 7:48 - 19:43	11.92	154.62	0.000325	0.00025
6/28-29, 18:31 - 8:30	13.98	167.40	NA	0.00000



Cumulative % of Applied	Reasoning
0.00096	Slope
0.00121	Slope
0.00180	Slope
0.00180	Ratio of averages
0.00180	Slope
0.00180	Slope
0.00180	Slope
0.00180	Slope
0.00190	Slope, no intercept
0.00190	Slope, no intercept
0.00215	Ratio of averages
0.00215	NA



Sampling period and time post application calculated in accompanying spreadsheet 100094_51049003_DER-FATE_835.

8100_4-20_Calc.xlsx

Chemical:	Dicamba	Raw Air Conc.		
MRID:	51049003			Applicable for specific sampling methods
PC Code:	100094			
Plot:	Soybean			
Guideline:	835.8100			
	DICAMBA CONCENTRATION IN AIR TUBES (µg/m3)			

Time Period Following Application	Sample ID	Measured Concentration (ng)	Sample ID (Back-Half)	Measured Concentration (Back-Half) (µg)
0 - 10	A	1.640	NA	0.000
	B	9.510	NA	0.000
	C	8.750	NA	0.000
	D	8.220	NA	0.000
	E	0.100	NA	0.000
	F	0.100	NA	0.000
	G	0.000	NA	0.000
	H	0.762	NA	0.000
10-24	A	5.490	NA	0.000
	B	8.860	NA	0.000
	C	3.430	NA	0.000
	D	3.200	NA	0.000
	E	0.177	NA	0.000
	F	0.151	NA	0.000
	G	0.113	NA	0.000
	H	2.820	NA	0.000
24 - 36	A	2.220	NA	0.000
	B	2.750	NA	0.000
	C	3.430	NA	0.000
	D	3.110	NA	0.000
	E	0.485	NA	0.000
	F	0.727	NA	0.000
	G	0.676	NA	0.000
	H	0.783	NA	0.000
36-72	A	0.000	NA	0.000
	B	0.419	NA	0.000
	C	0.000	NA	0.000
	D	0.000	NA	0.000
	E	0.000	NA	0.000
	F	NC	NA	0.000

				Raw Air Conc.			
Sample Collection Start Time (Local Time)	**Sample Collection Stop Time (Local Time)**	**Start Flow Rate (L/min)**	**End Flow Rate (L/min)**	**Sampling Duration (Minutes)**	**Measured Air Concentration ($\mu g/m^3$)**	**Measured Air Concentration (Back-Half) ($\mu g/m^3$)**	**Percent of Front-Half Concentration**
9:49	19:38	2.995	3.055	589	0.0009	0.0000	0.00%
9:52	19:58	2.997	3.034	606	0.0052	0.0000	0.00%
9:57	20:14	3.004	3.020	617	0.0047	0.0000	0.00%
9:52	20:25	3.001	2.982	633	0.0043	0.0000	0.00%
9:48	20:20	3.000	2.974	632	0.0001	0.0000	0.00%
9:45	20:09	3.000	2.997	624	0.0001	0.0000	0.00%
9:41	19:55	3.000	3.006	614	0.0000	0.0000	0.00%
9:48	19:41	3.000	3.013	593	0.0004	0.0000	0.00%
19:44	9:21	3.002	3.018	817	0.0022	0.0000	0.00%
20:01	9:10	3.003	2.929	789	0.0038	0.0000	0.00%
20:16	8:57	3.001	2.958	761	0.0015	0.0000	0.00%
20:28	8:45	3.005	2.934	737	0.0015	0.0000	0.00%
20:23	8:44	2.990	2.967	741	0.0001	0.0000	0.00%
20:12	8:57	3.007	2.991	765	0.0001	0.0000	0.00%
19:57	9:07	3.003	2.964	790	0.0000	0.0000	0.00%
19:45	9:15	3.001	2.967	810	0.0012	0.0000	0.00%
9:26	19:04	3.005	3.164	2018	0.0004	0.0000	0.00%
9:13	19:37	2.999	3.012	2064	0.0004	0.0000	0.00%
9:01	19:52	3.001	3.024	2091	0.0005	0.0000	0.00%
8:47	20:08	3.000	3.042	2121	0.0005	0.0000	0.00%
8:45	20:23	2.971	2.974	2138	0.0001	0.0000	0.00%
8:57	10:39	2.986	3.011	2982	0.0001	0.0000	0.00%
9:08	10:53	2.977	3.044	2985	0.0001	0.0000	0.00%
9:15	11:11	2.970	3.090	2996	0.0001	0.0000	0.00%
19:15	8:42	2.998	3.181	807	0.0000	0.0000	0.00%
19:40	8:58	3.015	3.031	798	0.0002	0.0000	0.00%
19:55	9:12	3.025	3.219	797	0.0000	0.0000	0.00%
20:10	9:33	3.041	3.113	803	0.0000	0.0000	0.00%
20:25	10:06	2.969	3.046	821	0.0000	0.0000	0.00%
NC	NC	NC	NC	NC	NC	0.0000	0.00%

Measured Air Concentration (Total) ($\mu g/m^3$)
0.00092
0.00520
0.00471
0.00434
0.00005
0.00005
0.00000
0.00043
0.00223
0.00379
0.00151
0.00146
0.00008
0.00007
0.00005
0.00117
0.00036
0.00044
0.00054
0.00049
0.00008
0.00008
0.00008
0.00009
0.00000
0.00017
0.00000
0.00000
0.00000
NC

	G	NC	NA	0.000
	H	NC	NA	0.000
72-84	A	0.000	NA	0.000
	B	0.164	NA	0.000
	C	0.000	NA	0.000
	D	0.000	NA	0.000
	E	0.000	NA	0.000
	F	0.000	NA	0.000
	G	0.000	NA	0.000
	H	0.000	NA	0.000
84-96	A	0.000	NA	0.000
	B	0.000	NA	0.000
	C	0.000	NA	0.000
	D	0.000	NA	0.000
	E	0.000	NA	0.000
	F	0.000	NA	0.000
	G	0.000	NA	0.000
	H	0.000	NA	0.000
96-108	A	0.108	NA	0.000
	B	0.000	NA	0.000
	C	0.000	NA	0.000
	D	0.000	NA	0.000
	E	0.000	NA	0.000
	F	0.000	NA	0.000
	G	0.000	NA	0.000
	H	0.000	NA	0.000
108-120	A	0.112	NA	0.000
	B	0.000	NA	0.000
	C	0.115	NA	0.000
	D	0.000	NA	0.000
	E	0.000	NA	0.000
	F	0.000	NA	0.000
	G	0.000	NA	0.000
	H	0.000	NA	0.000
120-132	A	0.557	NA	0.000
	B	0.236	NA	0.000
	C	0.237	NA	0.000
	D	0.439	NA	0.000
	E	1.480	NA	0.000
	F	0.194	NA	0.000
	G	0.619	NA	0.000
	H	0.378	NA	0.000
	A	0.324	NA	0.000

NC	NC	NC	NC	Raw Air Conc. NC		0.0000	0.00%
NC	NC	NC	NC	NC	NC	0.0000	0.00%
8:46	19:05	3.019	2.953	619	0.0000	0.0000	0.00%
8:59	19:13	3.038	2.970	614	0.0001	0.0000	0.00%
9:16	19:19	3.037	2.903	603	0.0000	0.0000	0.00%
9:33	19:27	2.985	2.926	594	0.0000	0.0000	0.00%
10:10	19:35	3.045	2.963	565	0.0000	0.0000	0.00%
10:40	19:41	3.028	2.976	541	0.0000	0.0000	0.00%
10:55	19:49	3.019	2.938	534	0.0000	0.0000	0.00%
11:14	19:55	3.018	2.939	521	0.0000	0.0000	0.00%
19:08	8:11	2.952	2.951	783	0.0000	0.0000	0.00%
19:16	8:18	2.976	2.965	782	0.0000	0.0000	0.00%
19:21	8:30	3.006	3.095	789	0.0000	0.0000	0.00%
19:29	8:36	2.991	2.992	787	0.0000	0.0000	0.00%
19:38	8:44	2.964	2.993	786	0.0000	0.0000	0.00%
19:43	7:50	2.967	2.960	727	0.0000	0.0000	0.00%
19:51	7:58	2.979	2.967	727	0.0000	0.0000	0.00%
19:57	8:03	2.951	2.921	726	0.0000	0.0000	0.00%
8:14	18:20	2.966	3.014	606	0.0001	0.0000	0.00%
8:21	18:27	2.976	3.040	606	0.0000	0.0000	0.00%
8:32	18:35	3.049	3.079	603	0.0000	0.0000	0.00%
8:39	18:42	2.988	3.084	603	0.0000	0.0000	0.00%
8:47	18:52	2.981	3.026	605	0.0000	0.0000	0.00%
7:54	19:01	2.985	3.014	667	0.0000	0.0000	0.00%
8:00	19:06	2.970	3.058	666	0.0000	0.0000	0.00%
8:05	19:13	2.982	3.039	668	0.0000	0.0000	0.00%
18:23	7:49	3.020	2.976	806	0.0000	0.0000	0.00%
18:29	8:00	3.002	2.915	811	0.0000	0.0000	0.00%
18:36	8:15	3.016	3.111	819	0.0000	0.0000	0.00%
18:44	8:26	3.005	2.929	822	0.0000	0.0000	0.00%
18:56	8:47	3.025	3.005	831	0.0000	0.0000	0.00%
19:02	8:56	3.014	2.984	834	0.0000	0.0000	0.00%
19:08	9:03	3.018	3.036	835	0.0000	0.0000	0.00%
19:14	9:13	3.041	3.077	839	0.0000	0.0000	0.00%
7:53	19:28	2.998	2.936	695	0.0003	0.0000	0.00%
8:04	18:19	3.012	3.040	615	0.0001	0.0000	0.00%
8:18	18:27	3.013	2.940	609	0.0001	0.0000	0.00%
8:28	18:38	2.992	3.020	610	0.0002	0.0000	0.00%
8:49	18:49	3.010	2.962	600	0.0008	0.0000	0.00%
8:57	18:58	2.984	2.965	601	0.0001	0.0000	0.00%
9:05	19:11	3.041	2.971	606	0.0003	0.0000	0.00%
9:15	19:19	2.985	2.888	604	0.0002	0.0000	0.00%
19:29	7:47	3.007	3.021	738	0.0001	0.0000	0.00%

Raw Air Conc.
NC
NC
0.00000
0.00009
0.00000
0.00000
0.00000
0.00000
0.00000
0.00000
0.00000
0.00000
0.00000
0.00000
0.00000
0.00000
0.00000
0.00000
0.00000
0.00006
0.00000
0.00000
0.00000
0.00000
0.00000
0.00000
0.00000
0.00005
0.00000
0.00005
0.00000
0.00000
0.00000
0.00000
0.00000
0.00027
0.00013
0.00013
0.00024
0.00083
0.00011
0.00034
0.00021
0.00015

132-144	B	0.515	NA	0.000
	C	0.413	NA	0.000
	D	0.611	NA	0.000
	E	0.463	NA	0.000
	F	0.397	NA	0.000
	G	0.298	NA	0.000
	H	0.267	NA	0.000
144-156	A	0.239	NA	0.000
	B	0.258	NA	0.000
	C	1.640	NA	0.000
	D	2.130	NA	0.000
	E	0.400	NA	0.000
	F	0.280	NA	0.000
	G	0.199	NA	0.000
	H	0.377	NA	0.000
156-168	A	0.281	NA	0.000
	B	0.273	NA	0.000
	C	0.693	NA	0.000
	D	0.198	NA	0.000
	E	0.284	NA	0.000
	F	0.351	NA	0.000
	G	0.298	NA	0.000
	H	0.234	NA	0.000

Due to the afternoon application time, the study skipped the planned 6-12 hour sampling period and started with a single nominal 6 hour sampling peric
Due to weather conditions, the planned 24 to 36-hour samples were deployed for over 30 hours, and the 36 to 48-hour and 48 to 60-hour samples were
Measured concentrations from Appendix C, pp. 393-397 of the study report.
Sample start times, end times, and flow rates from Appendix B, pp. 223-225 of the study report.

18:21	8:42	3.043	2.960	861	Raw Air Conc.0.0002	0.0000	0.00%
18:30	8:34	3.000	2.943	844	0.0002	0.0000	0.00%
18:41	8:27	3.026	2.934	826	0.0002	0.0000	0.00%
18:51	8:19	2.983	2.937	808	0.0002	0.0000	0.00%
19:02	8:11	3.004	2.989	789	0.0002	0.0000	0.00%
19:12	8:01	2.978	2.924	769	0.0001	0.0000	0.00%
19:21	7:53	3.002	2.946	752	0.0001	0.0000	0.00%
7:48	19:05	3.011	3.038	677	0.0001	0.0000	0.00%
8:44	19:24	2.967	2.992	640	0.0001	0.0000	0.00%
8:35	19:34	2.957	2.966	659	0.0008	0.0000	0.00%
8:28	19:43	3.025	3.035	675	0.0010	0.0000	0.00%
8:21	18:26	2.951	2.950	605	0.0002	0.0000	0.00%
8:12	18:40	2.993	3.031	628	0.0001	0.0000	0.00%
8:03	18:49	3.003	3.037	646	0.0001	0.0000	0.00%
7:54	18:56	3.006	3.044	662	0.0002	0.0000	0.00%
19:11	7:46	3.039	3.163	755	0.0001	0.0000	0.00%
19:25	7:53	3.000	3.066	748	0.0001	0.0000	0.00%
19:35	7:58	2.976	3.036	743	0.0003	0.0000	0.00%
19:44	8:06	3.038	3.119	742	0.0001	0.0000	0.00%
18:31	8:13	2.967	3.031	822	0.0001	0.0000	0.00%
18:41	8:17	3.036	3.159	816	0.0001	0.0000	0.00%
18:51	8:24	3.038	3.122	813	0.0001	0.0000	0.00%
18:57	8:30	3.046	3.211	813	0.0001	0.0000	0.00%

d followed by a morning-evening schedule (Appendix B, p. 110 of the study report).

not deployed or collected (Appendix B, p. 110 of the study report).

Raw Air Conc.
0.00020
0.00016
0.00025
0.00019
0.00017
0.00013
0.00012
0.00012
0.00014
0.00084
0.00104
0.00022
0.00015
0.00010
0.00019
0.00012
0.00012
0.00031
0.00009
0.00012
0.00014
0.00012
0.00009

Chemical:	Dicamba
MRID:	51049003
PC Code:	100094
Plot:	Soybean
Guideline:	835.8100

Plot Soybean			
Sample Periods			
Day			
Hours		6	6
DTG			
Fortification Level (µg)			**Percent Rec**
	0	NA	NA
	0.003	103%	91%
	0.01	97%	81%
	0.06	87%	85%

NA indicate not applicable.
Data from Appendix C, Table 8, p. 281 of the study report.

PUF Sample Results (ng/PUF; Appendix C, Table 8, p. 281 of the study report).

0	ND	ND
0.003	3.08	2.74
0.01	9.72	8.08
0.03	26.2	25.5

Reviewer calculated percent recoveries.

0	NA	NA
0.003	103%	91%
0.01	97%	81%
0.03	87%	85%

6	12	12	12
:overy (%)			
NA	NA	NA	NA
92%	86%	103%	89%
83%	72%	78%	87%
103%	101%	88%	97%

ND	ND	ND	ND
2.77	2.58	3.1	2.66
8.25	7.17	7.78	8.67
30.9	30.3	26.5	29.1

NA	NA	NA	NA
92%	86%	103%	89%
83%	72%	78%	87%
103%	101%	88%	97%

Chemical: Dicamba
MRID: 51049003
PC Code: 100094
Plot: Soybean
Guideline: 835.8100

Plot soybean				
Sample Periods	1	2	3	4
Day	1	1 & 2	2 & 3	3 & 4
Hours	0 - 6	6 - 24	24 - 36	36 - 72
DTG	6/22, 9:41 - 20:25	6/22-23, 19:44 - 9:21	6/23-24, 8:45 - 20:23	6/24-25, 19:15 - 10:06
Sampler				
A	0.000920456	0.002232461	0.000356654	0
B	0.005204135	0.003786043	0.000443309	0.000173689
C	0.004708341	0.001512746	0.000544519	0
D	0.004340893	0.001462174	0.000485366	0
E	5.28662E-05	8.01969E-05	7.63154E-05	0
F	5.33386E-05	6.58171E-05	8.1306E-05	NC
G	0	4.7943E-05	7.52253E-05	NC
H	0.000427404	0.001166716	8.62536E-05	NC

Air Concentrations ($\mu g/m^3$)				
5	6	7	8	9
4	4 & 5	5	5 & 6	6
72 - 84	84 - 96	96 - 108	108 - 120	120 - 132
6/25, 8:46 - 19:55	6/25-26, 19:08 - 8:44	6/26, 7:54 - 19:13	6/26-27, 18:23 - 19:13	6/27, 7:53 - 19:28
0	0	5.96046E-05	4.63502E-05	0.000270118
8.89151E-05	0	0	0	0.000126814
0	0	0	4.58349E-05	0.000130745
0	0	0	0	0.000239412
0	0	0	0	0.000826077
0	0	0	0	0.000108521
0	0	0	0	0.000339804
0	0	0	0	0.00021312

10 6 & 7 132 - 144 6/27-28, 18:21 - 8:42	11 7 144 - 156 6/28, 7:48 - 19:43	12 7 & 8 156 - 168 6/28-29, 18:31 - 8:30
0.000145662	0.000116723	0.000120021
0.000199281	0.0001353	0.000120334
0.000164677	0.000840324	0.000310281
0.000248225	0.001041437	8.66806E-05
0.000193588	0.000224083	0.000115205
0.000167919	0.000148028	0.000138869
0.000131317	0.000102003	0.000119008
0.000119386	0.00018826	9.20003E-05

Note: Measured air concentrations should be corrected for low field spike recoveries <90 percent.

Chemical:	Dicamba
MRID:	51049003
PC Code:	100094
Plot:	Soybean
Guideline:	835.8100

Plot Soybean

Sampler	1		Sampler	2		Sampler	3
	Model	Measured		Model	Measured		Model
A	0.001509	0.000920456	A	0.006929	0.002232461	A	0.000189
B	0.004058	0.005204135	B	0.009307	0.003786043	B	0.001264
C	0.002031	0.004708341	C	0.002227	0.001512746	C	0.000789
D	0.001524	0.004340893	D	0.001607	0.001462174	D	0.000536
G	0.000000	0	H	0.004389	0.001166716	E	0.000049
H	0.000571	0.000427404					

	1.39220987	0.00035109	0.283415107	0.000645618	0.257087942
	0.489499031	0.001009485	0.093812589	0.000533061	0.159539404
	0.669126249	0.001536979	0.75261628	0.000606439	0.463973106
	8.089203186	4	9.126909566	3	2.596734112

	1.525571111	0	0.381231677	0	0.519033842
	0.276222139	#N/A	0.050438107	#N/A	0.131412651
	0.859168333	0.001395346	0.934565141	0.000640855	0.795915526
	30.50337863	5	57.12949704	4	15.59972709

slope	1.39220987	0.283415107	0.257087942
intercept	0.00035109	0.000645618	0.000235875
stderr (slope)	0.489499031	0.093812589	0.159539404
stderr (intercept)	0.001009485	0.000533061	0.000113836
DOF (slope w/ intercept)	4	3	3
slope w/ intercept sig?	Yes	Yes	Yes
intercept sig?	No	Yes	Yes
intercept < 25th %?	Yes	Yes	Yes
slope no intercept	1.525571111	0.381231677	0.519033842
stderr (slope no intercept)	0.276222139	0.050438107	0.131412651
DOF (slope no intercept)	5	4	4
slope no intercept sig?	Yes	Yes	Yes
flux	1392.21	283.42	257.09
reasoning	Slope	Slope	Slope
ratio method	1609.54	415.39	674.27

Modeled air concentrations from Appendix D, Table 5, pp. 556-558 of the study report.

Air Concentrations During Sampling Pe

3		4		5			6			7	
Measured		Model	Measured		Model	Measured		Model	Measured		Model
0.000356654	A	0.000704	0	A	0.001378	0	A	0.002673	0	B	0.004868
0.000443309	B	0.001943	0.000173689	C	0.0026	0	B	0.002179	0	C	0.005056
0.000544519	C	0.000449	0	D	0.002383	0	C	0.000181	0	D	0.004196
0.000485366	D	0.012142	0	E	0	0	D	0.000166	0	E	0
7.63154E-05	E	0.013224	0	F	0	0	E	0	0	F	0.000005
				G	0	0	F	0.000041	0	G	0
				H	0.000864	0	G	0.000277	0	H	0.000005
							H	0.002544	0		

LINEST Excel Function Output (Slope

0.000235875	-0.003952656	5.7238E-05	0	0	0	0	0
0.000113836	0.006604557	5.33928E-05	0	0	0	0	0
0.000155274	0.106656615	8.47748E-05	1	0	1	0	1
3	0.35817117	3	#NUM!	5	#NUM!	6	#NUM!

LINEST Excel Function Output (Slope I

0	0.001032755	0	0	0	0	0	0
#N/A	0.004776342	#N/A	0	#N/A	0	#N/A	0
0.000209669	0.01155306	8.63415E-05	1	0	1	0	1
4	0.046752374	4	#NUM!	6	#NUM!	7	#NUM!

CALDPR Flux Back-Calculation Su

-0.003952656	0	0	0
5.7238E-05	0	0	0
0.006604557	0	0	0
5.33928E-05	0	0	0
3	5	6	5
No	Yes	Yes	Yes
Yes	Yes	Yes	Yes
No	No	No	No
0.001032755	0	0	0
0.004776342	0	0	0
4	6	7	6
No	Yes	Yes	Yes
6.10	0.00	0.00	0.00
Ratio of averages	Slope	Slope	Slope
6.10	0.00	0.00	0.00

riods (μg/m^3)

7			8			9			10		
Measured		Model	Measured		Model	Measured		Model	Measured		
0	B	0.006865	0	A	0.000872	0.000270118	A	0.046806	0.000145662	C	
0	D	0.002969	0	D	0.003429	0.000239412	B	0.029691	0.000199281	D	
0	E	0	0	E	0.000737	0.000826077	C	0.000045	0.000164677	E	
0	F	0	0	G	0.001107	0.000339804	D	0.000027	0.000248225	H	
0	G	0	0	H	0.002492	0.00021312	E	0	0.000193588		
0	H	0.000073	0				F	0.017067	0.000167919		
0											

w/ Intercept)

0	0	0	-0.123653701	0.000591306	-0.000974531	0.000201767
0	0	0	0.102261445	0.000207049	0.000786419	1.86202E-05
0	1	0	0.327677578	0.000241509	0.277406788	3.43005E-05
5	#NUM!	4	1.462144801	3	1.535618014	4

No Intercept)

0	0	0	0.125508647	0	0.004642192	0
#N/A	0	#N/A	0.089086509	#N/A	0.002914414	#N/A
0	1	0	0.331643556	0.000403328	0.336618007	0.000169027
6	#NUM!	5	1.984830453	4	2.537135549	5

ummary

0	-0.123653701	-0.000974531
0	0.000591306	0.000201767
0	0.102261445	0.000786419
0	0.000207049	1.86202E-05
4	3	4
Yes	Yes	Yes
Yes	Yes	Yes
No	No	No
0	0.125508647	0.004642192
0	0.089086509	0.002914414
5	4	5
Yes	Yes	Yes
0.00	125.51	4.64
Slope	Slope, no intercept	Slope, no intercept
0.00	218.66	11.95

Air Conc

11			12		2 sorted	
Model	Measured		Model	Measured	Model	Measured
0.000296	0.000840324	C	0.004773	0.000310281	0.001607	0.001166716
0.000897	0.001041437	F	0.02137	0.000138869	0.002227	0.001462174
0.000405	0.000224083				0.004389	0.001512746
0.005459	0.00018826				0.006929	0.002232461
					0.009307	0.003786043

-0.094857374	0.000740878	-0.010327895	0.000359576	0.305701396	0.000536598
0.103590328	0.000287717	0	0	0.066516126	0.000377957
0.295402844	0.000444433	1	0	0.875633685	0.000429985
0.838501379	2	#NUM!	0	21.12228742	3

0.07458195	0	0.009278395	0	0.38700051	0
0.135704244	#N/A	0.012447141	#N/A	0.037895276	#N/A
0.091473817	0.000753824	0.357184642	0.000272549	0.963062987	0.000481489
0.302051228	3	0.555656672	1	104.2924608	4

-0.094857374	-0.010327895	0.305701396
0.000740878	0.000359576	0.000536598
0.103590328	0	0.066516126
0.000287717	0	0.000377957
2	0	3
No	#NUM!	Yes
Yes	#NUM!	Yes
No	No	Yes
0.07458195	0.009278395	0.38700051
0.135704244	0.012447141	0.037895276
3	1	4
No	No	Yes
325.08	#NUM!	305.70
Ratio of averages	#NUM!	Slope
325.08	17.18	415.39

entrations for Sorted Regression (μg/m³)

9 sorted		10 sorted	
Model	Measured	Model	Measured
0.000737	0.00021312	0	0.000145662
0.000872	0.000239412	0.000027	0.000164677
0.001107	0.000270118	0.000045	0.000167919
0.002492	0.000339804	0.017067	0.000193588
0.003429	0.000826077	0.029691	0.000199281
		0.046806	0.000248225
0.193995332	4.25988E-05	0.001778127	0.000158809
0.054858176	0.000111072	0.000255831	6.05735E-06
0.806519826	0.000129558	0.92352971	1.11583E-05
12.50546465	3	48.30789604	4
0.211945449	0	0.006199	0
0.025382924	#N/A	0.002262362	#N/A
0.945741527	0.000114918	0.600253024	0.00013121
69.72120519	4	7.507912005	5
0.193995332		0.001778127	
4.25988E-05		0.000158809	
0.054858176		0.000255831	
0.000111072		6.05735E-06	
3		4	
Yes		Yes	
No		Yes	
Yes		Yes	
0.211945449		0.006199	
0.025382924		0.002262362	
4		5	
Yes		Yes	
194.00		1.78	
Slope		Slope	
218.66		11.95	

Samples removed from analysis if concentrations were below the LOD (0.3 ng/PUF)