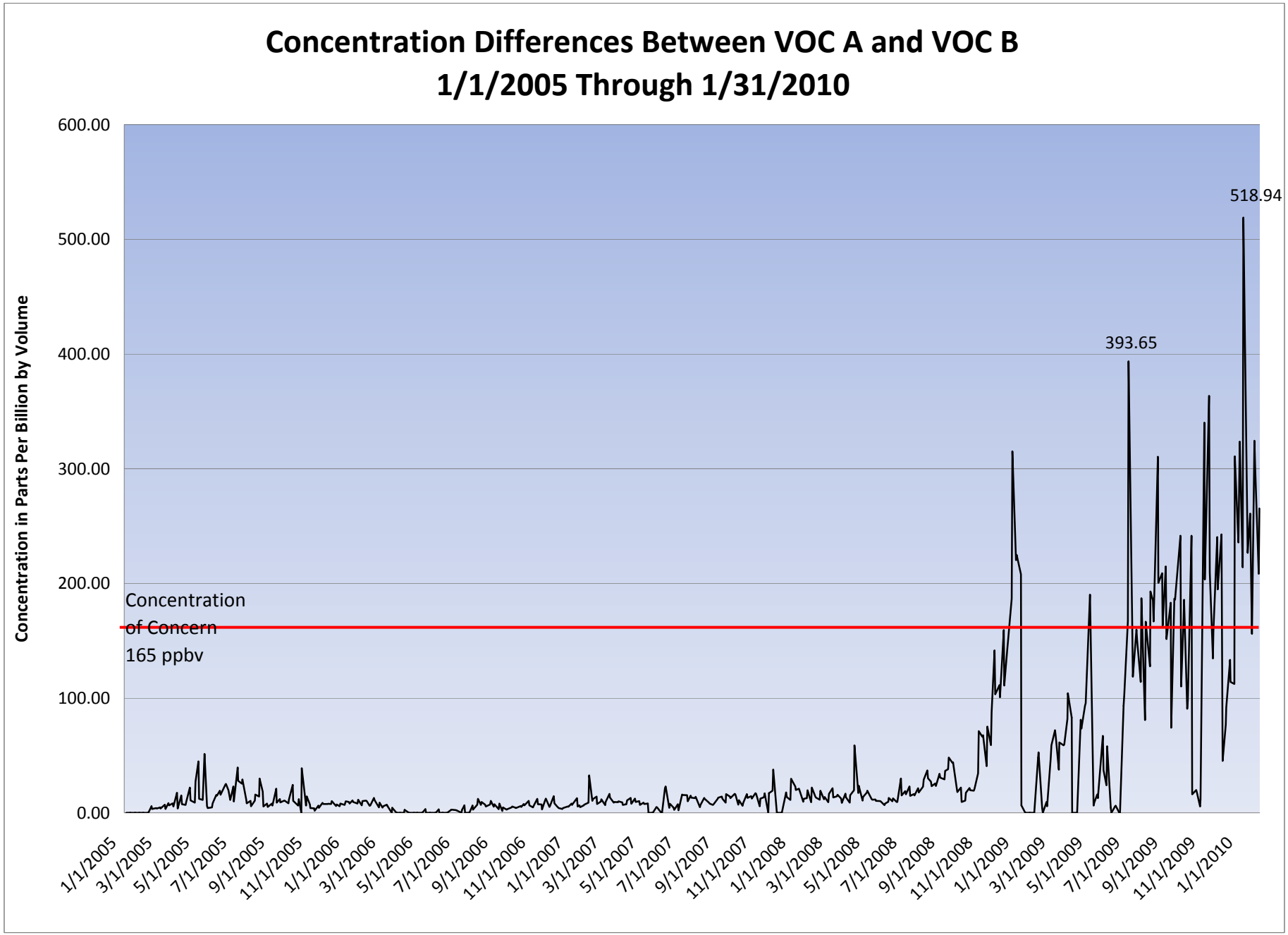
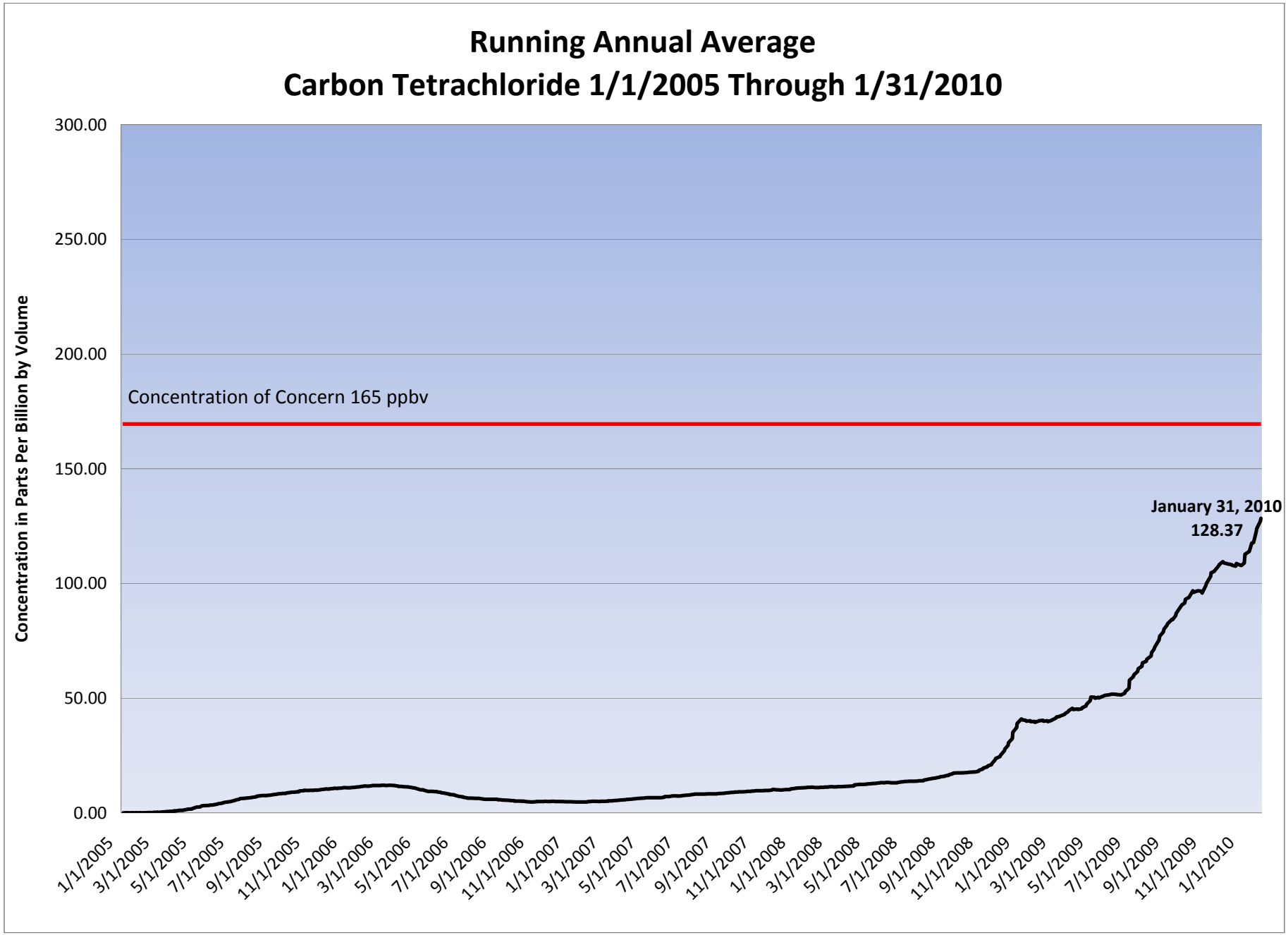
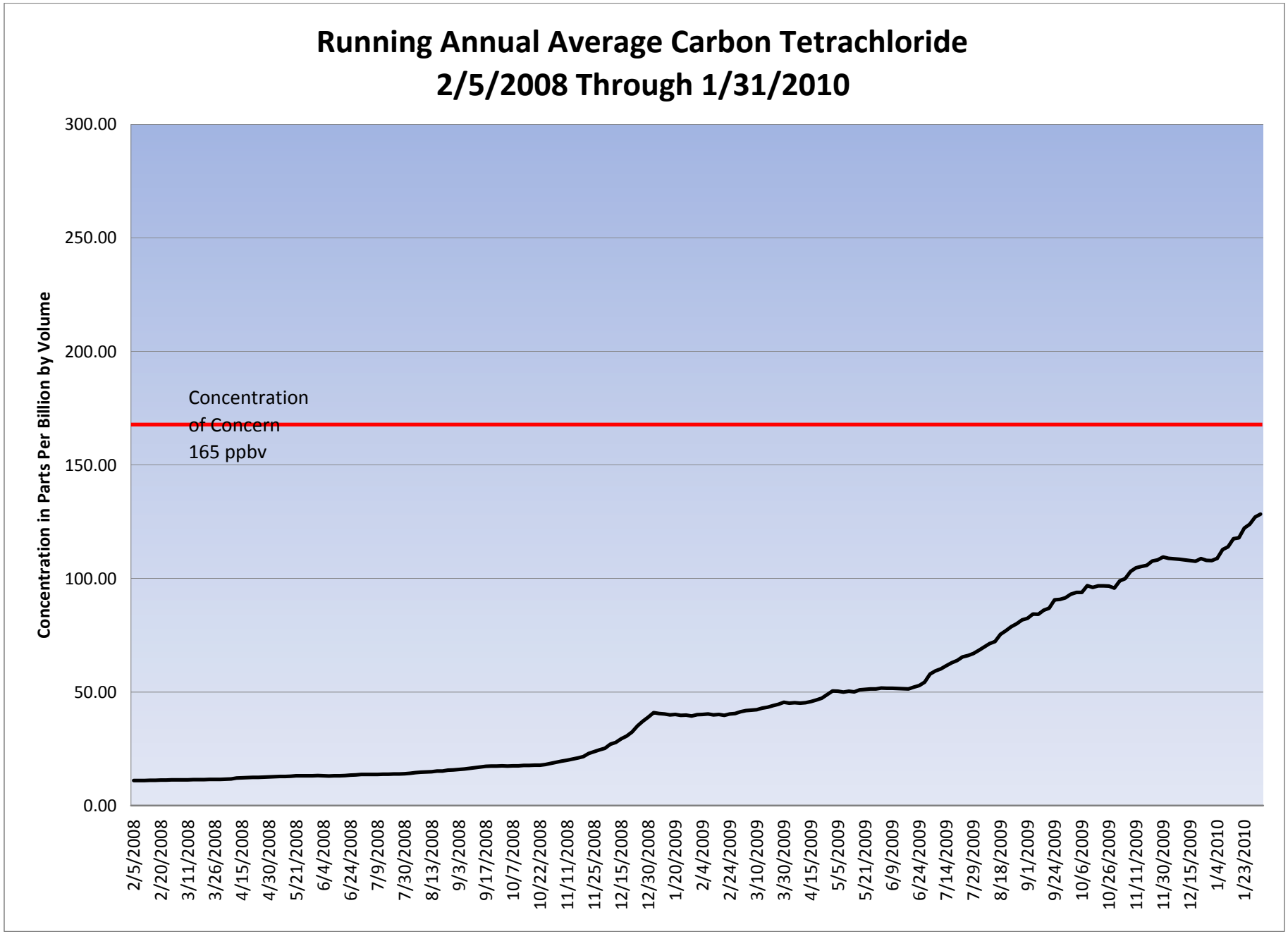

Concentration Differences Between VOC A and VOC B
1/1/2005 Through 1/31/2010
Concentration in Parts Per Billion by Volume
600.00
500.00
400.00
300.00
200.00
100.00
0.00
518.94
393.65
Concentration
of Concern
165 ppbv
1/1/2005
3/1/2005
5/1/2005
7/1/2005
9/1/2005
11/1/2005
1/1/2006
3/1/2006
5/1/2006
7/1/2006
9/1/2006
11/1/2006
1/1/2007
3/1/2007
5/1/2007
7/1/2007
9/1/2007
11/1/2007
1/1/2008
3/1/2008
5/1/2008
7/1/2008
9/1/2008
11/1/2008
1/1/2009
3/1/2009
5/1/2009
7/1/2009
9/1/2009
11/1/2009
1/1/2010


Running Annual Average
Carbon Tetrachloride 1/1/2005 Through 1/31/2010
Concentration in Parts Per Billion by Volume
300.00
250.00
200.00
150.00
100.00
50.00
0.00
Concentration of Concern 165 ppbv
January 31, 2010
128.37
1/1/2005
3/1/2005
5/1/2005
7/1/2005
9/1/2005
11/1/2005
1/1/2006
3/1/2006
5/1/2006
7/1/2006
9/1/2006
11/1/2006
1/1/2007
3/1/2007
5/1/2007
7/1/2007
9/1/2007
11/1/2007
1/1/2008
3/1/2008
5/1/2008
7/1/2008
9/1/2008
11/1/2008
1/1/2009
3/1/2009
5/1/2009
7/1/2009
9/1/2009
11/1/2009
1/1/2010

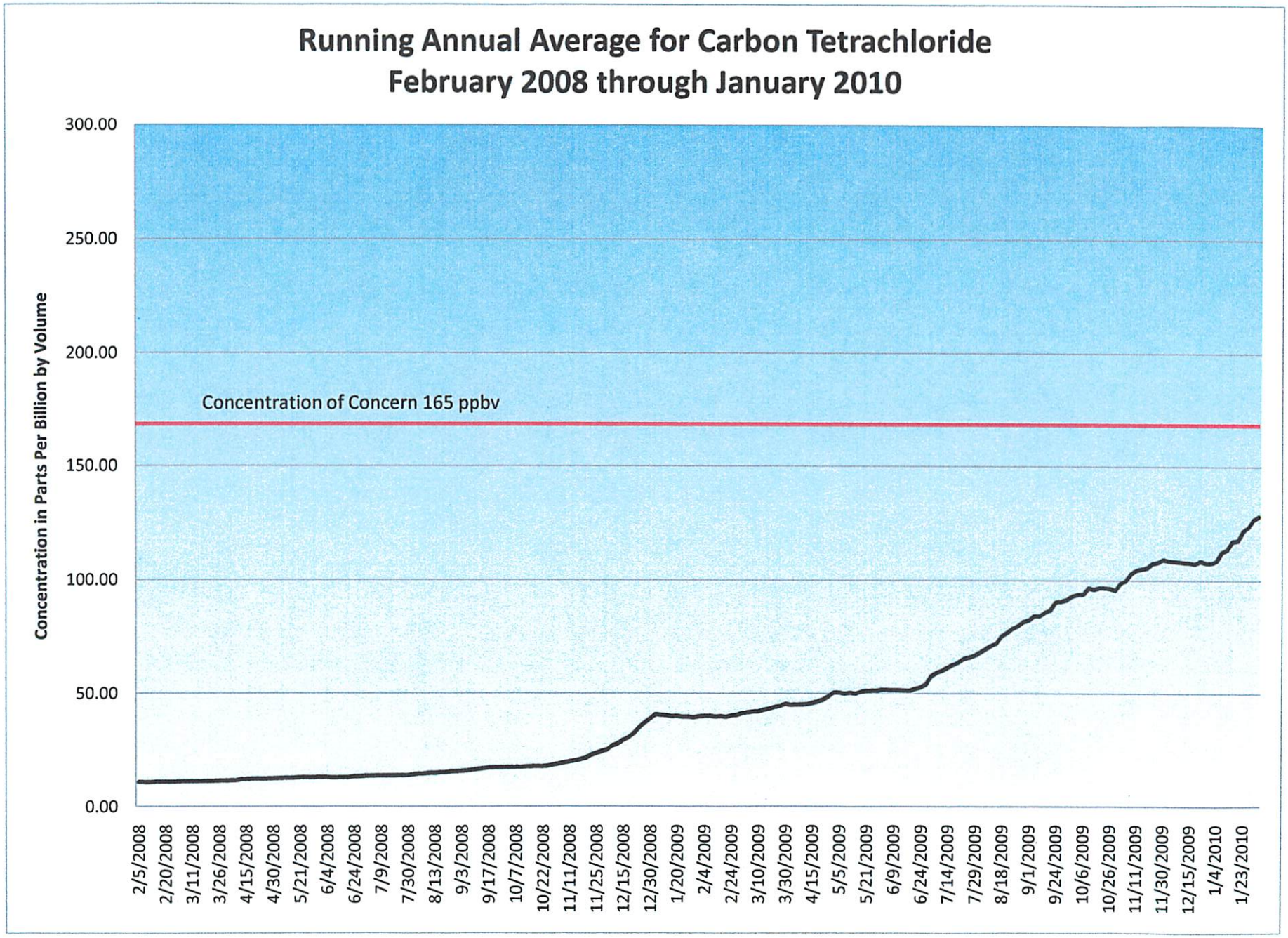

Running Annual Average Carbon Tetrachloride
2/5/2008 Through 1/31/2010
Concentration in Parts Per Billion by Volume
300.00
250.00
200.00
150.00
100.00
50.00
0.00
Concentration
of Concern
165 ppbv
2/5/2008
2/20/2008
3/11/2008
3/26/2008
4/15/2008
4/30/2008
5/21/2008
6/4/2008
6/24/2008
7/9/2008
7/30/2008
8/13/2008
9/3/2008
9/17/2008
10/7/2008
10/22/2008
11/11/2008
11/25/2008
12/15/2008
12/30/2008
1/20/2009
2/4/2009
2/24/2009
3/10/2009
3/30/2009
4/15/2009
5/5/2009
5/21/2009
6/9/2009
6/24/2009
7/14/2009
7/29/2009
8/18/2009
9/1/2009
9/24/2009
10/6/2009
10/26/2009
11/11/2009
11/30/2009
12/15/2009
1/4/2010
1/23/2010

Enclosure B: Chart of Concentration Differences and Running Annual Average Update

Sample Date	Concentration Difference*	Running Annual Average
11/30/2009	242.75	108.66
12/2/2009	45.32	108.03
12/7/2009	76.99	107.80
12/8/2009	91.70	107.65
12/14/2009	133.46	107.37
12/15/2009	114.13	107.08
12/21/2009	112.35	106.71
12/22/2009	310.78	107.91
12/28/2009	235.63	107.14
12/30/2009	323.52	107.00
1/4/2010	214.08	108.03
1/5/2010	518.94	111.94
1/12/2010	226.66	113.14
1/16/2010	260.80	116.77
1/19/2010	155.98	117.15
1/23/2010	324.30	121.43
1/24/2010	302.17	123.17
1/30/2010	208.62	126.39
1/31/2010	265.31	127.73

*ppbv

Enclosure C: Plot of Running Annual Average Concentration for Carbon Tetrachloride


Running Annual Average for Carbon Tetrachloride
February 2008 through January 2010
Concentration in Parts Per Billion by Volume
300.00
250.00
200.00
150.00
100.00
50.00
0.00
Concentration of Concern 165 ppbv
2/5/2008
2/20/2008
3/11/2008
3/26/2008
4/15/2008
4/30/2008
5/21/2008
6/4/2008
6/24/2008
7/9/2008
7/30/2008
8/13/2008
9/3/2008
9/17/2008
10/7/2008
10/22/2008
11/11/2008
11/25/2008
12/15/2008
12/30/2008
1/20/2009
2/4/2009
2/24/2009
3/10/2009
3/30/2009
4/15/2009
5/5/2009
5/21/2009
6/9/2009
6/24/2009
7/14/2009
7/29/2009
8/18/2009
9/1/2009
9/24/2009
10/6/2009
10/26/2009
11/11/2009
11/30/2009
12/15/2009
1/4/2010
1/23/2010

Enclosure D: Additional Information Provided

- Sample Data Sheets
- Meteorological Data Sheets
- Air Conversion Log Sheets
- Updated Plots Associated with Item 1

Sample Data Sheets

Attachment 2 - Sample Data Sheet

Date: 11/30/09 Radiological Release Between Start and End Time - Yes / No

Station No.: A VOC Sampler Serial No.: 0704-01

SAMPLE PORT	START TIME			END TIME		
	DAY	HOUR	MINUTE	DAY	HOUR	MINUTE
1	11/30/09	6	30	11/30/09	12	30
2	11/30/09	6	30	11/30/09	12	30
PUMP	11/30/09	6	30	11/30/09	12	30

SAMPLE PORT	SERIAL NO.	SAMPLE NO.	DATE/TIME INSTALLED	DATE/TIME REMOVED
1	10833	4437	11/30/09-0627	11/30/09-1252
2	11133	4439	11/30/09-0627	11/30/09-1252

SAMPLE PORT	FLOW RATE (sccm)		SAMPLE PRESSURE		PUMP HEAD PRESS. (psi)		ELAPSED TIME (hours)
	START	END	START(in Hg)	END (psi)	START	END	
1	57.8	57.89 09 11/30/09	29	13	22	22	6
2	57.8	57.9	29	13	22	22	6

PURGE INFORMATION				
CAL/DUE DATE	EQUIPMENT #	FLOW RATE (LPM)	PURGE TIME	TOTAL VOLUME (L)

NA OG 11/30/09

RCT Section

	Counter/Equip #	Cal. Due	MDA α / β-γ	Activity (dpm) α / β-γ
Primary Filter α / β-γ	/		/	/
Secondary Filter α / β-γ	/		/	/

REMARKS/COMMENTS: Starting Flosonic readout 207.0 / Ending 202.5

Performed by: Oscar Garcia / O. Garcia / 11/30/09
Printed Name Signature Date

Performed by: / / /
Printed Name Signature Date

Performed by: (RCT) / NA OG 11/30/09 /
Printed Name Signature Date

Reviewed for Completeness by: / 12/4/09
Printed Name Signature Date

Attachment 2 - Sample Data Sheet

Date: 11/30/09 Radiological Release Between Start and End Time - Yes / No

Station No.: B VOC Sampler Serial No.: 0706-03

SAMPLE PORT	START TIME			END TIME		
	DAY	HOUR	MINUTE	DAY	HOUR	MINUTE
1	11/30/09	6	40	11/30/09	12	40
2						
PUMP	11/30/09	6	40	11/30/09	12	40

SAMPLE PORT	SERIAL NO.	SAMPLE NO.	DATE/TIME INSTALLED	DATE/TIME REMOVED
1	4688	4438	11/30/09-0639	11/30/09-1241
2				

SAMPLE PORT	FLOW RATE (sccm)		SAMPLE PRESSURE		PUMP HEAD PRESS. (psi)		ELAPSED TIME (hours)
	START	END	START(in Hg)	END (psi)	START	END	
1	29.1	29.1	28	13.5	22	22	6
2							

PURGE INFORMATION

CAL/DUE DATE	EQUIPMENT #	FLOW RATE (LPM)	PURGE TIME	TOTAL VOLUME (L)

RCT Section

	Counter/Equip. #	Cal. Due	MDA α / β-γ	Activity (dpm) α / β-γ
Primary Filter α / β-γ	/		/	/
Secondary Filter α / β-γ	/	NA OG 11/30/09	/	/

REMARKS/COMMENTS:

Performed by: Oscar Garcia, O. Garcia 11/30/09
Printed Name Signature Date

Performed by: / / /
Printed Name Signature Date

Performed by: / NA OG 11/30/09 /
(RCT) Printed Name Signature Date

Reviewed for Completeness by: Wesley Bartlett 12/4/09
Printed Name Signature Date

Attachment 2 - Sample Data Sheet

Date: 12/22/09 Radiological Release Between Start and End Time - Yes / No

Station No.: B VOC Sampler Serial No.: 0706-03

SAMPLE PORT	START TIME			END TIME		
	DAY	HOUR	MINUTE	DAY	HOUR	MINUTE
1	12/22/09	7	00	12/22/09	13	00
2						
PUMP	12/22/09	7	00	12/22/09	13	00

SAMPLE PORT	SERIAL NO.	SAMPLE NO.	DATE/TIME INSTALLED	DATE/TIME REMOVED
1	34883	4496	12/22/09 6:58	12/22/09 13:02
2				

SAMPLE PORT	FLOW RATE (sccm)		SAMPLE PRESSURE		PUMP HEAD PRESS. (psi)		ELAPSED TIME (hours)
	START	END	START(in Hg)	END (psi)	START	END	
1	28.9	28.9	28	13	22	22	6
2							

PURGE INFORMATION				
CAL/DUE DATE	EQUIPMENT #	FLOW RATE (LPM)	PURGE TIME	TOTAL VOLUME (L)

RCT Section

N/A RE 12/22/09

	Counter/Equip. #	Cal. Due	MDA α / β-γ	Activity (dpm) α / β-γ
Primary Filter α / β-γ	/		/	/
Secondary Filter α / β-γ	/		/	/

REMARKS/COMMENTS: None

Performed by: Rick Eggleston / [signature] / 12/22/09
Printed Name Signature Date

Performed by: / / /
Printed Name N/A Signature Date

RE 12/22/09

Performed by: (RCT) / / /
Printed Name Signature Date

Reviewed for Completeness by: [signature] / [signature] / 12/22/09
Printed Name Signature Date

Attachment 2 - Sample Data Sheet

Date: 12/22/09 Radiological Release Between Start and End Time - Yes (No)

Station No.: A VOC Sampler Serial No.: 0784-01

SAMPLE PORT	START TIME			END TIME		
	DAY	HOUR	MINUTE	DAY	HOUR	MINUTE
1	12/22/09	6	45	12/22/09	12	45
2						
PUMP	12/22/09	6	45	12/22/09	12	45

SAMPLE PORT	SERIAL NO.	SAMPLE NO.	DATE/TIME INSTALLED	DATE/TIME REMOVED
1	4824	4497	12/22/09 6:43	12/22/09 12:47
2				

SAMPLE PORT	FLOW RATE (sccm)		SAMPLE PRESSURE		PUMP HEAD PRESS. (psi)		ELAPSED TIME (hours)
	START	END	START(in Hg)	END (psi)	START	END	
1	28.9	28.9	29	13	22	22	6
2							

PURGE INFORMATION

CAL/DUE DATE	EQUIPMENT #	FLOW RATE (LPM)	PURGE TIME	TOTAL VOLUME (L)

RCT Section N/A RE 12/22/09

	Counter/Equip. #	Cal. Due	MDA α / β-γ	Activity (dpm) α / β-γ
Primary Filter α / β-γ	/		/	/
Secondary Filter α / β-γ	/		/	/

REMARKS/COMMENTS: Flowsonic readings beginning 168.9 / Ending 168.1.

Performed by: Rick Eggleston / [signature] / 12/22/09
Printed Name Signature Date

Performed by: / N/A RE 12/22/09 /
Printed Name Signature Date

Performed by: (RCT) / /
Printed Name Signature Date

Reviewed for Completeness by: [signature] / [signature] / 12/22/09
Printed Name Signature Date

Attachment 2 - Sample Data Sheet

Date: 12/28/09 Radiological Release Between Start and End Time - Yes / No

Station No.: A VOC Sampler Serial No.: 0704-01

SAMPLE PORT	START TIME			END TIME		
	DAY	HOUR	MINUTE	DAY	HOUR	MINUTE
1	12/28/09	7	10	12/28/09	13	10
2						
PUMP	12/28/09	7	10	12/28/09	13	10

SAMPLE PORT	SERIAL NO.	SAMPLE NO.	DATE/TIME INSTALLED	DATE/TIME REMOVED
1	4073	4509	12/28/09 7:08	12/28/09 13:11
2				

SAMPLE PORT	FLOW RATE (sccm)		SAMPLE PRESSURE		PUMP HEAD PRESS. (psi)		ELAPSED TIME (hours)
	START	END	START(In Hg)	END (psi)	START	END	
1	28.9	28.9	28	11.5	22	22	6
2							

PURGE INFORMATION

CAL/DUE DATE	EQUIPMENT #	FLOW RATE (LPM)	PURGE TIME	TOTAL VOLUME (L)

RCT Section

N/A RE 12/28/09

	Counter/Equip. #	Cal. Due	MDA α / β-γ	Activity (dpm) α / β-γ
Primary Filter α / β-γ	/		/	/
Secondary Filter α / β-γ	/		/	/

REMARKS/COMMENTS: Flowsonic Reading Beginning 178.4 / Ending 184.0

Performed by: Rick Eggleston / [signature] / 12/28/09
Printed Name Signature Date

Performed by: / N/A RE 12/28/09 /
Printed Name Signature Date

Performed by: (RCT) / /
Printed Name Signature Date

Reviewed for Completeness by: Wesley [signature] / [signature] / AT 1/5/10 HC 1/5/10
Printed Name Signature Date

Attachment 2 - Sample Data Sheet

Date: 12/28/09 Radiological Release Between Start and End Time - Yes / No

Station No.: B VOC Sampler Serial No.: 0706-03

SAMPLE PORT	START TIME			END TIME		
	DAY	HOUR	MINUTE	DAY	HOUR	MINUTE
1	12/28/09	7	35	12/28/09	13	35
2						
PUMP	12/28/09	7	35	12/28/09	13	35

SAMPLE PORT	SERIAL NO.	SAMPLE NO.	DATE/TIME INSTALLED	DATE/TIME REMOVED
1	4820	4510	12/28/09 7:33	12/28/09 13:38
2				

SAMPLE PORT	FLOW RATE (sccm)		SAMPLE PRESSURE		PUMP HEAD PRESS. (psi)		ELAPSED TIME (hours)
	START	END	START(in Hg)	END (psi)	START	END	
1	28.9	28.9	28	13	22	22	6
2							

PURGE INFORMATION

CAL/DUE DATE	EQUIPMENT #	FLOW RATE (LPM)	PURGE TIME	TOTAL VOLUME (L)

RCT Section

	Counter/Equip. #	Cal. Due	MDA α / β-γ	Activity (dpm) α / β-γ
Primary Filter α / β-γ	/	N/A RE	12/28/09 /	/
Secondary Filter α / β-γ	/		/	/

REMARKS/COMMENTS:

Performed by: Rick Eggleston / RE / 12/28/09
Printed Name Signature Date

Performed by: / N/A 12/28/09 RE /
Printed Name Signature Date

Performed by: (RCT) / /
Printed Name Signature Date

Reviewed for Completeness by: / 1/5/10
Printed Name Signature Date

Attachment 2 - Sample Data Sheet

Date: 12/30/09 Radiological Release Between Start and End Time - Yes / No

Station No.: VOC A VOC Sampler Serial No.: 0704-01

SAMPLE PORT	START TIME			END TIME		
	DAY	HOUR	MINUTE	DAY	HOUR	MINUTE
1	12/30/09	7	15	12/30/09	13	15
2						
PUMP	12/30/09	7	15	12/30/09	13	15

SAMPLE PORT	SERIAL NO.	SAMPLE NO.	DATE/TIME INSTALLED	DATE/TIME REMOVED
1	11075	4511	12/30/09 7:13	12/30/09 13:17
2				

SAMPLE PORT	FLOW RATE (sccm)		SAMPLE PRESSURE		PUMP HEAD PRESS. (psi)		ELAPSED TIME (hours)
	START	END	START(in Hg)	END (psi)	START	END	
1	28.9	28.9	28	13	21	21	6
2							

PURGE INFORMATION

CAL/DUE DATE	EQUIPMENT #	FLOW RATE (LPM)	PURGE TIME	TOTAL VOLUME (L)

RCT Section

N/A RS 12/30/09

	Counter/Equip. #	Cal. Due	MDA α / β-γ	Activity (dpm) α / β-γ
Primary Filter α / β-γ	/		/	/
Secondary Filter α / β-γ	/		/	/

REMARKS/COMMENTS: Flowrate Reading beginning 179.2 / Ending 174.4

Performed by: Rick Eggleston / [signature] / 12/30/09
Printed Name Signature Date

Performed by: / N/A 12/30/09 /
Printed Name Signature Date

Performed by: (RCT) / /
Printed Name Signature Date

Reviewed for Completeness by: [signature] / [signature] / 1/5/10
Printed Name Signature Date

Attachment 2 - Sample Data Sheet

Date: 12/30/09 Radiological Release Between Start and End Time - Yes / No

Station No.: VOC B VOC Sampler Serial No.: 0706-03

SAMPLE PORT	START TIME			END TIME		
	DAY	HOUR	MINUTE	DAY	HOUR	MINUTE
1	12/30/09	7	30	12/30/09	13	30
2						
PUMP	12/30/09	7	30	12/30/09	13	30

SAMPLE PORT	SERIAL NO.	SAMPLE NO.	DATE/TIME INSTALLED	DATE/TIME REMOVED
1	4675	4512	12/30/09 7:28	12/30/09 13:32
2				

SAMPLE PORT	FLOW RATE (sccm)		SAMPLE PRESSURE		PUMP HEAD PRESS. (psi)		ELAPSED TIME (hours)
	START	END	START(in Hg)	END (psi)	START	END	
1	28.9	28.9	28	13	22	21	6
2							

PURGE INFORMATION				
CAL/DUE DATE	EQUIPMENT #	FLOW RATE (LPM)	PURGE TIME	TOTAL VOLUME (L)

RCT Section

N/A RE 12/30/09

	Counter/Equip. #	Cal. Due	MDA α / β-γ	Activity (dpm) α / β-γ
Primary Filter α / β-γ	/		/	/
Secondary Filter α / β-γ	/		/	/

REMARKS/COMMENTS:

Performed by: Rick Eggleston / [signature] / 12/30/09
Printed Name Signature Date

Performed by: / / /
Printed Name N/A Signature RE 12/30/09 Date

Performed by: (RCT) / / /
Printed Name Signature Date

Reviewed for Completeness by: [signature] / [signature] / 1/5/10
Printed Name Signature Date

Attachment 2 - Sample Data Sheet

Date: 1/4/10 Radiological Release Between Start and End Time - Yes / No

Station No.: A VOC Sampler Serial No.: 0704-01

SAMPLE PORT	START TIME			END TIME		
	DAY	HOUR	MINUTE	DAY	HOUR	MINUTE
1	1/4/10	7	10	1/4/10	13	10
2						
PUMP	1/4/10	7	10	1/4/10	13	10

SAMPLE PORT	SERIAL NO.	SAMPLE NO.	DATE/TIME INSTALLED	DATE/TIME REMOVED
1	11070	4545	1/4/10 7:08	1/4/10 13:11
2				

SAMPLE PORT	FLOW RATE (sccm)		SAMPLE PRESSURE		PUMP HEAD PRESS. (psi)		ELAPSED TIME (hours)
	START	END	START(in Hg)	END (psi)	START	END	
1	28.9	28.9	28	12	21	21	6
2							

PURGE INFORMATION				
CAL/DUE DATE	EQUIPMENT #	FLOW RATE (LPM)	PURGE TIME	TOTAL VOLUME (L)

RCT Section

	Counter/Equip. #	Cal. Due	MDA α / β-γ	Activity (dpm) α / β-γ
Primary Filter α / β-γ	/		/	/
Secondary Filter α / β-γ	/		/	/

REMARKS/COMMENTS: Plutonium Reading beginning 180.3 / Ending 1666.5

Performed by: Rick Eggleston / [signature] / 1/4/10
Printed Name Signature Date

Performed by: / /
Printed Name Signature Date

Performed by: (RCT) / /
Printed Name Signature Date

Reviewed for Completeness by: Wesley [signature] / 1/7/10
Printed Name Signature Date

Attachment 2 - Sample Data Sheet

Date: 1/4/10 Radiological Release Between Start and End Time - Yes / No

Station No.: B VOC Sampler Serial No.: 0706-03

SAMPLE PORT	START TIME			END TIME		
	DAY	HOUR	MINUTE	DAY	HOUR	MINUTE
1	1/4/10	7	40	1/4/10	13	40
2						
PUMP	1/4/10	7	40	1/4/10	13	40

SAMPLE PORT	SERIAL NO.	SAMPLE NO.	DATE/TIME INSTALLED	DATE/TIME REMOVED
1	4823	4546	1/4/10 7:37	1/4/10 13:42
2				

SAMPLE PORT	FLOW RATE (sccm)		SAMPLE PRESSURE		PUMP HEAD PRESS. (psi)		ELAPSED TIME (hours)
	START	END	START(in Hg)	END (psi)	START	END	
1	28.9	28.9	28	13	22	22	6
2							

PURGE INFORMATION

CAL/DUE DATE	EQUIPMENT #	FLOW RATE (LPM)	PURGE TIME	TOTAL VOLUME (L)

RCT Section N/A RE 1/4/10

	Counter/Equip. #	Cal. Due	MDA α / β-γ	Activity (dpm) α / β-γ
Primary Filter α / β-γ	/		/	/
Secondary Filter α / β-γ	/		/	/

REMARKS/COMMENTS: None

Performed by: Rick Eggleston / [signature] 1/4/10
Printed Name Signature Date

Performed by: / N/A RE 1/4/10 /
Printed Name Signature Date

Performed by: (RCT) / /
Printed Name Signature Date

Reviewed for Completeness by: Wesley Bentright / [signature] 1/7/10
Printed Name Signature Date

Attachment 2 - Sample Data Sheet

Date: 1/5/10 Radiological Release Between Start and End Time - Yes (No)

Station No.: A VOC Sampler Serial No.: 0704-01

SAMPLE PORT	START TIME			END TIME		
	DAY	HOUR	MINUTE	DAY	HOUR	MINUTE
1	1/5/10	6	30	1/5/10	12	30
2						
PUMP	1/5/10	6	30	1/5/10	12	30

SAMPLE PORT	SERIAL NO.	SAMPLE NO.	DATE/TIME INSTALLED	DATE/TIME REMOVED
1	4696	4547	1/5/10- 0629	1/5/10-1259
2				

SAMPLE PORT	FLOW RATE (sccm)		SAMPLE PRESSURE		PUMP HEAD PRESS. (psi)		ELAPSED TIME (hours)
	START	END	START(in Hg)	END (psi)	START	END	
1	29.0	28.9	29	13	22	22	6
2							

PURGE INFORMATION

CAL/DUE DATE	EQUIPMENT #	FLOW RATE (LPM)	PURGE TIME	TOTAL VOLUME (L)

RCT Section

NA OG 1/5/10

	Counter/Equip. #	Cal. Due	MDA α / β-γ	Activity (dpm) α / β-γ
Primary Filter α / β-γ	/		/	/
Secondary Filter α / β-γ	/		/	/

REMARKS/COMMENTS: Starting Flosonic readout 247.5 / Ending 234

Performed by: Oscar Garcia / O. Garcia 1/5/10
Printed Name Signature Date

Performed by: / / /
Printed Name Signature Date

Performed by: (RCT) / NA OG 1/5/10 /
Printed Name Signature Date

Reviewed for Completeness by: [illegible] / 1/7/09
Printed Name Signature Date

Attachment 2 - Sample Data Sheet

Date: 1/5/10 Radiological Release Between Start and End Time - Yes / No

Station No.: B VOC Sampler Serial No.: 0706-03

SAMPLE PORT	START TIME			END TIME		
	DAY	HOUR	MINUTE	DAY	HOUR	MINUTE
1	1/5/10	6	43	1/5/10	12	43
2						
PUMP	1/5/10	6	43	1/5/10	12	43

SAMPLE PORT	SERIAL NO.	SAMPLE NO.	DATE/TIME INSTALLED	DATE/TIME REMOVED
1	11210	4548	1/5/10-0642	1/5/10-1244
2				

SAMPLE PORT	FLOW RATE (sccm)		SAMPLE PRESSURE		PUMP HEAD PRESS. (psi)		ELAPSED TIME (hours)
	START	END	START(in Hg)	END (psi)	START	END	
1	28.9	28.9	28	13.5	22	22	6
2							

PURGE INFORMATION

CAL/DUE DATE	EQUIPMENT #	FLOW RATE (LPM)	PURGE TIME	TOTAL VOLUME (L)

RCT Section

	Counter/Equip. #	Cal. Due	MDA α / β-γ	Activity (dpm) α / β-γ
Primary Filter α / β-γ	/		/	/
Secondary Filter α / β-γ	/		/	/

NA OG 1/5/10

REMARKS/COMMENTS:

Performed by: Oscar Garcia / O. Garcia 1/5/10
Printed Name Signature Date

Performed by: / /
Printed Name Signature Date

NA OG 1/5/10

Performed by: / /
(RCT) Printed Name Signature Date

Reviewed for Completeness by: Wesley Randall / [signature] 1/7/10
Printed Name Signature Date

Attachment 2 - Sample Data Sheet

Date: 1/11/10 Radiological Release Between Start and End Time - Yes / No

Station No.: B VOC Sampler Serial No.: 0706-03

SAMPLE PORT	START TIME			END TIME		
	DAY	HOUR	MINUTE	DAY	HOUR	MINUTE
1	1/12/10	6	00	1/12/10	12	00
2						
PUMP	1/12/10	6	00	1/12/10	12	00

SAMPLE PORT	SERIAL NO.	SAMPLE NO.	DATE/TIME INSTALLED	DATE/TIME REMOVED
1	10880	4560	1/11/10-1337	1/12/10 1210
2				

SAMPLE PORT	FLOW RATE (sccm)		SAMPLE PRESSURE		PUMP HEAD PRESS. (psi)		ELAPSED TIME (hours)
	START	END	START(in Hg)	END (psi)	START	END	
1	28.9	28.9	30	13.5	22	22	6
2							

PURGE INFORMATION

CAL/DUE DATE	EQUIPMENT #	FLOW RATE (LPM)	PURGE TIME	TOTAL VOLUME (L)

RCT Section

	Counter/Equip. #	Cal. Due	MDA α / β-γ	Activity (dpm) α / β-γ
Primary Filter α / β-γ	/		/	/
Secondary Filter α / β-γ	/	NA	/	/

REMARKS/COMMENTS: OG 1/12/10

Performed by: Oscar Garcia / O. Garcia 1/11/10
Printed Name Signature Date

Performed by: / / /
Printed Name Signature Date

Performed by: (RCT) / NA OG 1/12/10 /
Printed Name Signature Date

Reviewed for Completeness by: [illegible] 1/15/10
Printed Name Signature Date

Attachment 2 - Sample Data Sheet

Date: 1/11/10 Radiological Release Between Start and End Time - Yes / No

Station No.: A VOC Sampler Serial No.: 0704-01

SAMPLE PORT	START TIME			END TIME		
	DAY	HOUR	MINUTE	DAY	HOUR	MINUTE
1	1/12/10	6	00	1/12/10	12	00
2						
PUMP	1/12/10	6	00	1/12/10	12	00

SAMPLE PORT	SERIAL NO.	SAMPLE NO.	DATE/TIME INSTALLED	DATE/TIME REMOVED
1	05478	4561	1/11/10-1321	1/12/10-1201
2				

SAMPLE PORT	FLOW RATE (sccm)		SAMPLE PRESSURE		PUMP HEAD PRESS. (psi)		ELAPSED TIME (hours)
	START	END	START(in Hg)	END (psi)	START	END	
1	28.9	28.9	30	17.5	22	22	6
2							

PURGE INFORMATION

CAL/DUE DATE	EQUIPMENT #	FLOW RATE (LPM)	PURGE TIME	TOTAL VOLUME (L)

NA OG 1/12/10

RCT Section

	Counter/Equip. #	Cal. Due	MDA α / β-γ	Activity (dpm) α / β-γ
Primary Filter α / β-γ	/		/	/
Secondary Filter α / β-γ	/		/	/

REMARKS/COMMENTS: Starting Flosonic readout 241.0 / Ending 237.0

Performed by: Oscar Garcia / O. Garcia 1/11/10
Printed Name Signature Date

Performed by: / /
Printed Name Signature Date

NA OG 1/12/10

Performed by: (RCT) / /
Printed Name Signature Date

Reviewed for Completeness by: 1/15/10
Printed Name Signature Date

Attachment 2 - Sample Data Sheet

Date: 1/15/10 Radiological Release Between Start and End Time - Yes / No

Station No.: A VOC Sampler Serial No.: 0704-01

SAMPLE PORT	START TIME			END TIME		
	DAY	HOUR	MINUTE	DAY	HOUR	MINUTE
1	1/16/10	00	30	1/16/10	6	30
2	1/16/10	00	30	1/16/10	6	30
PUMP	1/16/10	00	30	1/16/10	6	30

SAMPLE PORT	SERIAL NO.	SAMPLE NO.	DATE/TIME INSTALLED	DATE/TIME REMOVED
1	4670	4569	1/15/10-0631	1/16/10 6:40
2	34877	4571	1/15/10-0631	1/16/10 6:40

SAMPLE PORT	FLOW RATE (sccm)		SAMPLE PRESSURE		PUMP HEAD PRESS. (psi)		ELAPSED TIME (hours)
	START	END	START(in Hg)	END (psi)	START	END	
1	57.8	57.8	28	15	22	22	6
2	57.8	57.8	29	15	22	22	6

PURGE INFORMATION				
CAL/DUE DATE	EQUIPMENT #	FLOW RATE (LPM)	PURGE TIME	TOTAL VOLUME (L)

N/A OG 1/16/10

RCT Section

	Counter/Equip. #	Cal. Due	MDA α / β-γ	Activity (dpm) α / β-γ
Primary Filter α / β-γ	/		/	/
Secondary Filter α / β-γ	/		/	/

REMARKS/COMMENTS: STARTING Flosonic readout NA / ENDING 273

Performed by: Oscar Garcia O. Garcia 1/15/10 OG 1/15/10
Printed Name Signature Date

Performed by: Rick Egglestone Rick Egglestone 1/16/10
Printed Name Signature Date

Performed by: (RCT) NA OG 1/18/10
Printed Name Signature Date

Reviewed for Completeness by: 1/19/10
Printed Name Signature Date

Attachment 2 - Sample Data Sheet

Date: 1/15/10 Radiological Release Between Start and End Time - Yes (No)

Station No.: B VOC Sampler Serial No.: 0706-03

SAMPLE PORT	START TIME			END TIME		
	DAY	HOUR	MINUTE	DAY	HOUR	MINUTE
1	1/16/10	00	30	1/16/10	6	30
2						
PUMP	1/16/10	00	30	1/16/10	6	30

SAMPLE PORT	SERIAL NO.	SAMPLE NO.	DATE/TIME INSTALLED	DATE/TIME REMOVED
1	34882	4570	1/15/10-0638	1/16/10 7:02
2				

SAMPLE PORT	FLOW RATE (sccm)		SAMPLE PRESSURE		PUMP HEAD PRESS. (psi)		ELAPSED TIME (hours)
	START	END	START(in Hg)	END (psi)	START	END	
1	28.9	28.9	28	14	22	22	6
2							

PURGE INFORMATION				
CAL/DUE DATE	EQUIPMENT #	FLOW RATE (LPM)	PURGE TIME	TOTAL VOLUME (L)

RCT Section

	Counter/Equip. #	Cal. Due	MDA α / β-γ	Activity (dpm) α / β-γ
Primary Filter α / β-γ	/	N/A RE 1/16/10	/	/
Secondary Filter α / β-γ	/		/	/

REMARKS/COMMENTS:

Performed by: Oscar Garcia / O. Garcia / 1/15/10
Printed Name Signature Date

Performed by: Rick Eggleston / Rick Eggleston / 1/16/10
Printed Name Signature Date

Performed by: (RCT) / NA DG 1/18/10 /
Printed Name Signature Date

Reviewed for Completeness by: Wesley Bartlett / Wesley Bartlett / 1/19/10
Printed Name Signature Date

Attachment 2 - Sample Data Sheet

Date: 1/22/10 Radiological Release Between Start and End Time - Yes / No

Station No.: A VOC Sampler Serial No.: 0704-01

SAMPLE PORT	START TIME			END TIME		
	DAY	HOUR	MINUTE	DAY	HOUR	MINUTE
1	1/23/10	00	00	1/23/10	6	00
2	1/23/10	00	00	1/23/10	6	00
PUMP	1/23/10	00	00	1/23/10	6	00

SAMPLE PORT	SERIAL NO.	SAMPLE NO.	DATE/TIME INSTALLED	DATE/TIME REMOVED
1	4679	4611	1/22/10-0639	1/23/10-0633
2	34886	4613	1/22/10-0639	1/23/10-0633

SAMPLE PORT	FLOW RATE (sccm)		SAMPLE PRESSURE		PUMP HEAD PRESS. (psi)		ELAPSED TIME (hours)
	START	END	START(in Hg)	END (psi)	START	END	
1	57.8	57.8	28	15.5	22	22	6
2	57.8	57.8	29	15.5	22	22	6

PURGE INFORMATION				
CAL/DUE DATE	EQUIPMENT #	FLOW RATE (LPM)	PURGE TIME	TOTAL VOLUME (L)

RCT Section

NA OG 1/23/10

	Counter/Equip. #	Cal. Due	MDA α / β-γ	Activity (dpm) α / β-γ
Primary Filter α / β-γ	/		/	/
Secondary Filter α / β-γ	/		/	/

REMARKS/COMMENTS: Starting Flowmic readout N/A / Ending 262 1/23/10-0633

Performed by: Oscar Garcia / O. Garcia 1/22/10
Printed Name Signature Date

Performed by: / /
Printed Name Signature Date

NA OG 1/23/10

Performed by: (RCT) / /
Printed Name Signature Date

Reviewed for Completeness by: [illegible] 1/25/10
Printed Name Signature Date

Attachment 2 - Sample Data Sheet

Date: 1/22/10 Radiological Release Between Start and End Time - Yes / No

Station No.: B VOC Sampler Serial No.: 0706-03

SAMPLE PORT	START TIME			END TIME		
	DAY	HOUR	MINUTE	DAY	HOUR	MINUTE
1	1/23/10	00	00	1/23/10	6	00
2	1/23/10	00	00	1/23/10	6	00
PUMP	1/23/10	00	00	1/23/10	6	00

SAMPLE PORT	SERIAL NO.	SAMPLE NO.	DATE/TIME INSTALLED	DATE/TIME REMOVED
1	4674	4612	1/22/10 6:45	1/23/10 6:40
2	4684	4614	1/22/10 6:45	1/23/10 6:40

SAMPLE PORT	FLOW RATE (sccm)		SAMPLE PRESSURE		PUMP HEAD PRESS. (psi)		ELAPSED TIME (hours)
	START	END	START(in Hg)	END (psi)	START	END	
1	57.8	57.8	28	13.5	21	21	6
2	57.8	57.8	28	13.5	21	21	6

PURGE INFORMATION

CAL/DUE DATE	EQUIPMENT #	FLOW RATE (LPM)	PURGE TIME	TOTAL VOLUME (L)

RCT Section N/A RE 1/22/10

	Counter/Equip. #	Cal. Due	MDA α / β-γ	Activity (dpm) α / β-γ
Primary Filter α / β-γ	/		/	/
Secondary Filter α / β-γ	/		/	/

REMARKS/COMMENTS: None

Performed by: Rick Eggleston / [signature] / 1/23/10 RE 1/22/10
Printed Name Signature Date

Performed by: / / /
Printed Name N/A Signature RE 1/22/10 Date

Performed by: (RCT) / / /
Printed Name Signature Date

Reviewed for Completeness by: [signature] / [signature] / 1/25/10
Printed Name Signature Date

Attachment 2 - Sample Data Sheet

Date: 1/23/10 Radiological Release Between Start and End Time - Yes / No

Station No.: A VOC Sampler Serial No.: 0704-01

SAMPLE PORT	START TIME			END TIME		
	DAY	HOUR	MINUTE	DAY	HOUR	MINUTE
1	1/24/10	00	00	1/24/10	6	00
2						
PUMP	1/24/10	00	00	1/24/10	6	00

SAMPLE PORT	SERIAL NO.	SAMPLE NO.	DATE/TIME INSTALLED	DATE/TIME REMOVED
1	05489	4615	1/23/10-0641	1/24/10-0629
2				

SAMPLE PORT	FLOW RATE (sccm)		SAMPLE PRESSURE		PUMP HEAD PRESS. (psi)		ELAPSED TIME (hours)
	START	END	START(in Hg)	END (psi)	START	END	
1	28.9	28.9	30	15.5	22	22	6
2							

PURGE INFORMATION

CAL/DUE DATE	EQUIPMENT #	FLOW RATE (LPM)	PURGE TIME	TOTAL VOLUME (L)

RCT Section

NA OG 1/24/10

	Counter/Equip. #	Cal. Due	MDA α / β-γ	Activity (dpm) α / β-γ
Primary Filter α / β-γ	/		/	/
Secondary Filter α / β-γ	/		/	/

REMARKS/COMMENTS: Starting Flasonic readout / Ending 270.

Performed by: Oscar Garcia / O. Garcia / 1/23/10
Printed Name Signature Date

Performed by: / / /
Printed Name Signature Date

Performed by: (RCT) / NA OG 1/24/10 /
Printed Name Signature Date

Reviewed for Completeness by: Wes Westfall / Wes Westfall / 1/25/10
Printed Name Signature Date

Attachment 2 - Sample Data Sheet

Date: 1/23/10 Radiological Release Between Start and End Time - Yes / No

Station No.: B VOC Sampler Serial No.: 0706-03

SAMPLE PORT	START TIME			END TIME		
	DAY	HOUR	MINUTE	DAY	HOUR	MINUTE
1	1/24/10	00	00	1/24/10	6	00
2						
PUMP	1/24/10	00	00	1/24/10	6	00

SAMPLE PORT	SERIAL NO.	SAMPLE NO.	DATE/TIME INSTALLED	DATE/TIME REMOVED
1	34874	4616	1/23/10 6:45	1/24/10 6:35
2				

SAMPLE PORT	FLOW RATE (sccm)		SAMPLE PRESSURE		PUMP HEAD PRESS. (psi)		ELAPSED TIME (hours)
	START	END	START(in Hg)	END (psi)	START	END	
1	28.9	28.9	28	14	22	22	6
2							

PURGE INFORMATION				
CAL/DUE DATE	EQUIPMENT #	FLOW RATE (LPM)	PURGE TIME	TOTAL VOLUME (L)

RCT Section

	Counter/Equip. #	Cal. Due	MDA α / β-γ	Activity (dpm) α / β-γ
Primary Filter α / β-γ	/		/	/
Secondary Filter α / β-γ	/		/	/

REMARKS/COMMENTS: NA OG 1/24/10

Performed by: Rick Egglestow / [signature] / 1/23/10
Printed Name Signature Date

Performed by: / / /
Printed Name Signature Date

Performed by: (RCT) / NA OG 1/24/10 /
Printed Name Signature Date

Reviewed for Completeness by: Wesley Knight / [signature] / 1/25/10
Printed Name Signature Date

Attachment 2 - Sample Data Sheet

Date: 1/29/10 Radiological Release Between Start and End Time - Yes / No

Station No.: A VOC Sampler Serial No.: 0704-01

SAMPLE PORT	START TIME			END TIME		
	DAY	HOUR	MINUTE	DAY	HOUR	MINUTE
1	1/30/10	00	30	1/30/10	6	30
2						
PUMP	1/30/10	00	30	1/30/10	6	30

SAMPLE PORT	SERIAL NO.	SAMPLE NO.	DATE/TIME INSTALLED	DATE/TIME REMOVED
1	4819	4643	1/29/10-1123	1/30/10-~~0647~~ 0647 OG 1/30/10
2				

SAMPLE PORT	FLOW RATE (sccm)		SAMPLE PRESSURE		PUMP HEAD PRESS. (psi)		ELAPSED TIME (hours)
	START	END	START(in Hg)	END (psi)	START	END	
1	29.0	28.9	29	15	21	21	6
2							

PURGE INFORMATION

CAL/DUE DATE	EQUIPMENT #	FLOW RATE (LPM)	PURGE TIME	TOTAL VOLUME (L)

RCT Section

N/A DE 1/29/10

	Counter/Equip. #	Cal. Due	MDA α / β-γ	Activity (dpm) α / β-γ
Primary Filter α / β-γ	/		/	/
Secondary Filter α / β-γ	/		/	/

REMARKS/COMMENTS: Flosonic reading ~~261~~ 25 GVS 2/15/10 | Ending 267 beginning from UG Services 1132 2/15/10

Performed by: Oscar Garcia O. Garcia 1/29/10
Printed Name Signature Date

Performed by: / / /
Printed Name Signature Date

Performed by: (RCT) N/A OG 1/30/10 / /
Printed Name Signature Date

Reviewed for Completeness by: 12/1/10
Printed Name Signature Date

Attachment 2 - Sample Data Sheet

Date: 1/~~30~~ 29/10 OG 1/29/10 Radiological Release Between Start and End Time - Yes / No

Station No.: B VOC Sampler Serial No.: 0706-03

SAMPLE PORT	START TIME			END TIME		
	DAY	HOUR	MINUTE	DAY	HOUR	MINUTE
1	1/30/10	00	30	1/30/10	6	30
2						
PUMP	1/30/10	00	30	1/30/10	6	30

SAMPLE PORT	SERIAL NO.	SAMPLE NO.	DATE/TIME INSTALLED	DATE/TIME REMOVED
1	4821	4644	1/~~30~~ 29/10 - 1135	1/30/10 6:51
2			OG 1/29/10	

SAMPLE PORT	FLOW RATE (sccm)		SAMPLE PRESSURE		PUMP HEAD PRESS. (psi)		ELAPSED TIME (hours)
	START	END	START(in Hg)	END (psi)	START	END	
1	28.9	28.9	28	13	22	22	6
2							

PURGE INFORMATION

CAL/DUE DATE	EQUIPMENT #	FLOW RATE (LPM)	PURGE TIME	TOTAL VOLUME (L)

N/A RC 1/30/10

RCT Section

	Counter/Equip. #	Cal. Due	MDA α / β-γ	Activity (dpm) α / β-γ
Primary Filter α / β-γ	/		/	/
Secondary Filter α / β-γ	/		/	/

REMARKS/COMMENTS: None

Performed by: Oscar Garcia O. Garcia 1/29/10
Printed Name Signature Date

Performed by: Rick Eggleston Rick Eggleston 1/30/10
Printed Name Signature Date

Performed by: (RCT) / / /
Printed Name Signature Date

Reviewed for Completeness by: Wesley Bartlett 7/1/10
Printed Name Signature Date

Attachment 2 - Sample Data Sheet

Date: 1/30/10 Radiological Release Between Start and End Time - Yes / No

Station No.: A VOC Sampler Serial No.: 0709-01

SAMPLE PORT	START TIME			END TIME		
	DAY	HOUR	MINUTE	DAY	HOUR	MINUTE
1	1/31/10	00	30	1/31/10	6	30
2						
PUMP	1/31/10	00	30	1/31/10	6	30

SAMPLE PORT	SERIAL NO.	SAMPLE NO.	DATE/TIME INSTALLED	DATE/TIME REMOVED
1	A7290	4645	1/30/10-0653	1/31/10- 0631
2				

SAMPLE PORT	FLOW RATE (sccm)		SAMPLE PRESSURE		PUMP HEAD PRESS. (psi)		ELAPSED TIME (hours)
	START	END	START(in Hg)	END (psi)	START	END	
1	29.0	29.0	30	17.5	22	22	6
2							

PURGE INFORMATION

CAL/DUE DATE	EQUIPMENT #	FLOW RATE (LPM)	PURGE TIME	TOTAL VOLUME (L)

RCT Section

NA OG 1/31/10

	Counter/Equip. #	Cal. Due	MDA α / β-γ	Activity (dpm) α / β-γ
Primary Filter α / β-γ	/		/	/
Secondary Filter α / β-γ	/		/	/

REMARKS/COMMENTS: Flosonic readout 260 / Ending 264 beginning from UG Services AB 2/5/10

Performed by: Oscar Garcia / O. Garcia 1/30/10
Printed Name Signature Date

Performed by: / / /
Printed Name Signature Date

Performed by: (RCT) / NA OG 1/31/10 /
Printed Name Signature Date

Reviewed for Completeness by: [illegible] 12/1/10
Printed Name Signature Date

Attachment 2 - Sample Data Sheet

Date: 1/30/10 Radiological Release Between Start and End Time - Yes / No

Station No.: B VOC Sampler Serial No.: 0706-03

SAMPLE PORT	START TIME			END TIME		
	DAY	HOUR	MINUTE	DAY	HOUR	MINUTE
1	1/31/10	00	30	1/31/10	6	30
2						
PUMP	1/31/10	00	30	1/31/10	6	30

SAMPLE PORT	SERIAL NO.	SAMPLE NO.	DATE/TIME INSTALLED	DATE/TIME REMOVED
1	A7288	4646	1/30/10 - 6:55	1/31/10 6:31
2				

SAMPLE PORT	FLOW RATE (sccm)		SAMPLE PRESSURE		PUMP HEAD PRESS. (psi)		ELAPSED TIME (hours)
	START	END	START(in Hg)	END (psi)	START	END	
1	28.9	28.9	28	13	22	22	6
2							

PURGE INFORMATION

CAL/DUE DATE	EQUIPMENT #	FLOW RATE (LPM)	PURGE TIME	TOTAL VOLUME (L)

RCT Section

N/A RL 1/30/10

	Counter/Equip. #	Cal. Due	MDA α / β-γ	Activity (dpm) α / β-γ
Primary Filter α / β-γ	/		/	/
Secondary Filter α / β-γ	/		/	/

REMARKS/COMMENTS: None

Performed by: Rick Eggleston / [signature] / 1/30/10
Printed Name Signature Date

Performed by: / / /
Printed Name Signature Date

N/A RL 1/31/10

Performed by: (RCT) / / /
Printed Name Signature Date

Reviewed for Completeness by: Wesley Bonfiglio / [signature] / 2/1/10
Printed Name Signature Date

Meteorological Data Summary Sheets

SAMPLE #'s 4437, 4438

DATA FROM CMS AT EXHAUST SHAFT

Year	Date	Time	Air Flow in acfm (k)	Pressure in Hg	Temp in Degrees F	Rel Hum %
2009	30-Nov	630	480.6913	28.61867	76.78899	17.424
2009	30-Nov	645	479.0363	28.61977	76.79719	17.4798
2009	30-Nov	700	481.265	28.62121	76.72398	17.7056
2009	30-Nov	715	480.495	28.61958	76.71943	17.8933
2009	30-Nov	730	481.3625	28.62006	76.74798	18.1569
2009	30-Nov	745	479.2825	28.63015	76.77562	18.3875
2009	30-Nov	800	481.2875	28.63407	76.82938	18.4167
2009	30-Nov	815	479.2875	28.63356	76.72186	18.5448
2009	30-Nov	830	478.4887	28.63244	76.62314	18.6238
2009	30-Nov	845	480.65	28.62689	76.62982	18.3269
2009	30-Nov	900	480.815	28.61777	76.72095	17.6944
2009	30-Nov	915	478.1713	28.61552	76.72854	17.2915
2009	30-Nov	930	479.4463	28.61112	76.83789	16.8333
2009	30-Nov	945	480.1875	28.61932	76.73643	16.3994
2009	30-Nov	1000	478.1613	28.61513	76.64137	15.9298
2009	30-Nov	1015	477.5775	28.61512	76.59792	15.7606
2009	30-Nov	1030	477.7375	28.60886	76.57819	15.4517
2009	30-Nov	1045	477.635	28.606	76.55206	15.1081
2009	30-Nov	1100	477.5925	28.59459	76.57484	14.7633
2009	30-Nov	1115	222.28	28.72406	76.55692	14.6179
2009	30-Nov	1130	476.9025	28.58685	76.72125	14.3675
2009	30-Nov	1145	477.8662	28.57298	76.54264	14.1471
2009	30-Nov	1200	475.875	28.56543	76.45395	13.9054
2009	30-Nov	1215	477.3675	28.55272	76.5472	13.7371
2009	30-Nov	1230	477.6288	28.53648	76.48038	13.4967
2009	30-Nov	1245	475.3488	28.52864	76.45911	13.1973
Sample Average			468.940	28.609	76.657	16.295
			Air Flow in acfm (k)	Pressure in Hg	Temp in Degrees F	Rel Hum %

DATA FROM WEATHER STATION AT S1300 E300

Year	Julian Date	Time	Pressure in Hg	Temp in Degrees F	Relative Humidity %	Air Flow in acfm (k)	Actual Density
2009	334	630	28.704	74.5	20.01	206.6	0.07105
2009	334	645	28.714	74.5	20.27	207.6	0.07107
2009	334	700	28.712	74.2	20.6	208.4	0.0711
2009	334	715	28.712	74.7	20.8	204.4	0.07103
2009	334	730	28.717	74.6	20.87	206.4	0.07106
2009	334	745	28.722	74.5	21.06	206	0.07109
2009	334	800	28.721	74.5	21.06	209.1	0.07108
2009	334	815	28.716	74.3	21.26	215.7	0.07109
2009	334	830	28.722	74.2	20.93	211.1	0.07112
2009	334	845	28.71	74.3	20.47	210.3	0.07108
2009	334	900	28.698	74.7	19.95	207.9	0.071
2009	334	915	28.706	74.7	19.35	210	0.07103
2009	334	930	28.712	74.6	18.89	211.6	0.07106
2009	334	945	28.704	74.6	18.3	205.8	0.07105
2009	334	1000	28.702	74.7	18.17	207	0.07103
2009	334	1015	28.7	74.6	17.77	211.8	0.07104
2009	334	1030	28.704	74.6	17.51	205.8	0.07105
2009	334	1045	28.684	74.6	17.18	201.1	0.07101
2009	334	1100	28.68	74.6	16.98	199.3	0.071
2009	334	1115	28.662	75.4	16.13	201.3	0.07085
2009	334	1130	28.666	74.7	16.13	203.3	0.07095
2009	334	1145	28.658	74.3	15.67	201.9	0.07099
2009	334	1200	28.65	74.5	15.53	200.4	0.07095
2009	334	1215	28.627	74.3	15.14	201.8	0.07092
2009	334	1230	28.621	74.3	14.48	199.5	0.07091
2009	334	1245	28.611	74.3	14.22	203.4	0.07088
Sample Average			28.690	74.531	18.413	206.058	0.0710
			Pressure in Hg	Temp in Degrees F	Relative Humidity %	Air Flow in acfm (k)	Actual Density

Data Collector: Oscar Garcia 12/4/09

Data Reviewer: [illegible] 12/7/09

SAMPLE #'s 4496, 4497

DATA FROM CMS AT EXHAUST SHAFT

Year	Date	Time	Air Flow in acfm (k)	Pressure in Hg	Temp in Degrees F	Rel Hum %
2009	22-Dec	645	444.83	28.20585	75.07766	16.1315
2009	22-Dec	700	445.1938	28.20428	75.09831	16.1958
2009	22-Dec	715	445.5537	28.20431	75.06216	16.0279
2009	22-Dec	730	444.8687	28.20786	75.01569	15.9896
2009	22-Dec	745	445.5275	28.20839	75.06763	16.125
2009	22-Dec	800	445.4738	28.20271	75.03483	16.1583
2009	22-Dec	815	443.1563	28.19895	75.04941	16.5458
2009	22-Dec	830	443.2725	28.20018	75.07158	16.6573
2009	22-Dec	845	443.5988	28.19844	75.10561	16.5535
2009	22-Dec	900	443.5663	28.19963	75.07098	16.7675
2009	22-Dec	915	443.3012	28.19926	75.02966	17.1944
2009	22-Dec	930	444.715	28.20303	75.13325	17.1194
2009	22-Dec	945	443.6238	28.2039	75.21951	17.5833
2009	22-Dec	1000	442.28	28.19419	75.32795	17.8535
2009	22-Dec	1015	441.0125	28.1811	75.35893	18.1835
2009	22-Dec	1030	443.1013	28.17315	75.29697	18.3546
2009	22-Dec	1045	443.46	28.16826	75.35377	18.315
2009	22-Dec	1100	441.4912	28.15732	75.33979	18.2188
2009	22-Dec	1115	442.75	28.15701	75.38566	17.9763
2009	22-Dec	1130	443.1513	28.14921	75.26963	18.1373
2009	22-Dec	1145	443.6913	28.14202	75.26264	18.1275
2009	22-Dec	1200	442.9075	28.13111	75.26082	18.0338
2009	22-Dec	1215	441.6725	28.12104	75.20371	18.071
2009	22-Dec	1230	442.9887	28.11661	75.25323	18.1044
2009	22-Dec	1245	443.52	28.10685	75.27357	18.2092
2009	22-Dec	1300	443.6263	28.10579	75.33311	18.3646
Sample Average			443.551	28.175	75.191	17.346
			Air Flow in acfm (k)	Pressure in Hg	Temp in Degrees F	Rel Hum %

DATA FROM WEATHER STATION AT S1300 E300

Year	Julian Date	Time	Pressure in Hg	Temp in Degrees F	Relative Humidity %	Air Flow in acfm (k)	Actual Density
2009	356	645	28.3	73	18.63	172.2	0.07025
2009	356	700	28.292	73.1	18.56	170.8	0.07022
2009	356	715	28.29	73.1	18.56	171.3	0.07021
2009	356	730	28.29	73.1	18.5	169.3	0.07021
2009	356	745	28.292	73.3	18.63	172.9	0.0702
2009	356	800	28.282	73.2	19.02	169.7	0.07019
2009	356	815	28.288	73	19.29	171.7	0.07022
2009	356	830	28.281	73.1	19.02	171.5	0.07019
2009	356	845	28.292	73.1	19.22	171.5	0.07021
2009	356	900	28.277	73	19.55	176.9	0.07019
2009	356	915	28.292	73.1	19.75	178.9	0.07021
2009	356	930	28.292	73.5	19.81	178.7	0.07016
2009	356	945	28.288	73.7	20.4	175.3	0.07011
2009	356	1000	28.269	73.5	20.8	175.5	0.0701
2009	356	1015	28.259	73.5	21	171.5	0.07007
2009	356	1030	28.255	73.5	21.33	173	0.07006
2009	356	1045	28.245	73.1	21	170.4	0.07008
2009	356	1100	28.245	73.4	21.13	170.5	0.07005
2009	356	1115	28.239	73.6	20.93	168.4	0.07
2009	356	1130	28.227	73.1	20.87	168.5	0.07004
2009	356	1145	28.215	73.3	20.87	169.5	0.06999
2009	356	1200	28.213	73.5	20.87	172.3	0.06995
2009	356	1215	28.207	73.4	20.87	170.4	0.06996
2009	356	1230	28.197	73.4	20.87	171.6	0.06993
2009	356	1245	28.188	73.4	21.13	169.2	0.06991
2009	356	1300	28.184	73.4	21.52	171.7	0.0699
Sample Average			28.258	73.285	20.082	172.046	0.0701
			Pressure in Hg	Temp in Degrees F	Relative Humidity %	Air Flow in acfm (k)	Actual Density

Data Collector: Oscar Traiia 1/7/10

Data Reviewer: [illegible] 1/26/10

SAMPLE #'s 4509, 4510

DATA FROM CMS AT EXHAUST SHAFT

Year	Date	Time	Air Flow in acfm (k)	Pressure in Hg	Temp in Degrees F	Rel Hum %
2009	28-Dec	700	449.21	28.80343	71.86793	13.9152
2009	28-Dec	715	448.9163	28.80708	71.89011	13.8685
2009	28-Dec	730	449.15	28.81281	71.81812	13.8742
2009	28-Dec	745	450.6725	28.81644	71.84971	13.8229
2009	28-Dec	800	450.6588	28.82089	71.87856	13.9429
2009	28-Dec	815	449.2062	28.82548	71.94083	14.0523
2009	28-Dec	830	446.7838	28.8305	71.89101	14.1127
2009	28-Dec	845	447.9175	28.83568	71.86489	14.294
2009	28-Dec	900	448.26	28.8417	71.95267	14.481
2009	28-Dec	915	446.7175	28.84282	71.89831	14.6198
2009	28-Dec	930	447.4725	28.83538	71.89922	14.9913
2009	28-Dec	945	447.7662	28.83232	71.91531	15.2615
2009	28-Dec	1000	449.005	28.82639	71.95905	15.3569
2009	28-Dec	1015	448.3225	28.81874	72.0107	15.5
2009	28-Dec	1030	448.04	28.81071	72.06112	15.4504
2009	28-Dec	1045	447.1787	28.8046	72.16166	15.3815
2009	28-Dec	1100	446.3538	28.79195	72.09544	15.1294
2009	28-Dec	1115	446.5837	28.78905	72.08663	14.7933
2009	28-Dec	1130	446.455	28.78003	72.1404	14.6081
2009	28-Dec	1145	446.8025	28.76284	72.17563	14.481
2009	28-Dec	1200	445.5125	28.75295	72.10394	14.4019
2009	28-Dec	1215	446.11	28.73721	72.20753	14.4031
2009	28-Dec	1230	446.0562	28.73832	72.20509	14.3177
2009	28-Dec	1245	446.6388	28.73437	72.20874	14.3381
2009	28-Dec	1300	448.04	28.72514	72.28377	14.3323
2009	28-Dec	1315	445.8388	28.71376	72.25217	14.3883
2009	28-Dec	1330	445.9788	28.71295	72.33965	14.5504
2009	28-Dec	1345	446.7275	28.70655	72.34785	14.5844
Sample Average			447.471	28.788	72.060	14.595
			Air Flow in acfm (k)	Pressure in Hg	Temp in Degrees F	Rel Hum %

DATA FROM WEATHER STATION AT S1300 E300

Year	Julian Date	Time	Pressure in Hg	Temp in Degrees F	Relative Humidity %	Air Flow in acfm (k)	Actual Density
2009	362	700	28.893	69.49	16.13	174.7	0.07224
2009	362	715	28.903	69.73	16.13	179.1	0.07223
2009	362	730	28.913	69.61	16.06	179	0.07228
2009	362	745	28.907	69.61	16.13	177.1	0.07226
2009	362	800	28.913	69.61	16.26	178.6	0.07227
2009	362	815	28.913	69.73	16.39	176.7	0.07226
2009	362	830	28.921	69.61	16.66	179.3	0.07229
2009	362	845	28.933	69.61	16.98	181.4	0.07232
2009	362	900	28.933	69.73	17.25	180.2	0.0723
2009	362	915	28.927	69.85	17.51	180.4	0.07227
2009	362	930	28.925	69.85	17.77	180.4	0.07226
2009	362	945	28.915	69.73	17.84	179.1	0.07225
2009	362	1000	28.905	69.85	17.84	181.7	0.07221
2009	362	1015	28.907	70.1	17.97	182.9	0.07218
2009	362	1030	28.893	69.97	17.91	181.9	0.07216
2009	362	1045	28.889	69.97	17.77	179.7	0.07215
2009	362	1100	28.877	69.73	17.51	178.1	0.07216
2009	362	1115	28.868	69.85	17.25	178.1	0.07212
2009	362	1130	28.856	69.85	16.98	177.6	0.07209
2009	362	1145	28.848	70.1	16.92	177.5	0.07204
2009	362	1200	28.826	69.96	16.79	174.4	0.072
2009	362	1215	28.826	69.96	16.59	176.4	0.072
2009	362	1230	28.826	70.2	16.79	182.7	0.07197
2009	362	1245	28.82	70.7	16.92	185	0.07189
2009	362	1300	28.808	70.3	16.72	180.6	0.07191
2009	362	1315	28.804	70.3	16.98	180.1	0.0719
2009	362	1330	28.797	70.2	17.05	181.3	0.0719
2009	362	1345	28.797	70.3	17.18	181	0.07188
Sample Average			28.875	69.934	17.078	179.662	0.0721
			Pressure in Hg	Temp in Degrees F	Relative Humidity %	Air Flow in acfm (k)	Actual Density

Data Collector: Oscar Garcia 1/7/10

Data Reviewer: [illegible] 1/26/10

SAMPLE #'s 4511, 4512

DATA FROM CMS AT EXHAUST SHAFT

Year	Date	Time	Air Flow in acfm (k)	Pressure in Hg	Temp in Degrees F	Rel Hum %
2009	30-Dec	715	447.23	28.47962	71.69206	20.3346
2009	30-Dec	730	445.4862	28.47853	71.7033	20.5748
2009	30-Dec	745	445.4963	28.47952	71.74249	20.6779
2009	30-Dec	800	445.8625	28.4854	71.70451	21.0471
2009	30-Dec	815	446.7313	28.48624	71.73884	21.3794
2009	30-Dec	830	443.9562	28.48545	71.8166	21.6352
2009	30-Dec	845	443.6313	28.4891	71.80991	22.121
2009	30-Dec	900	443.1013	28.49011	71.87218	22.5256
2009	30-Dec	915	441.22	28.48667	71.95966	23.0523
2009	30-Dec	930	441.9188	28.48272	71.987	23.4804
2009	30-Dec	945	443.325	28.48129	72.08846	23.8648
2009	30-Dec	1000	440.9138	28.47768	72.16074	24.3717
2009	30-Dec	1015	442.6938	28.47555	72.1486	24.7292
2009	30-Dec	1030	440.8813	28.46575	72.14495	25.0465
2009	30-Dec	1045	441.2575	28.45639	72.15467	25.3758
2009	30-Dec	1100	442.2075	28.4446	72.28863	25.4621
2009	30-Dec	1115	439.3612	28.4379	72.32173	25.4825
2009	30-Dec	1130	438.5525	28.42798	72.24458	25.3608
2009	30-Dec	1145	440.0338	28.42334	72.28073	25.0731
2009	30-Dec	1200	441.0187	28.41056	72.2142	24.5804
2009	30-Dec	1215	442.1938	28.40408	72.25673	24.174
2009	30-Dec	1230	440.42	28.39354	72.27557	23.8298
2009	30-Dec	1245	440.9287	28.38222	72.49882	23.4763
2009	30-Dec	1300	442.045	28.37454	72.55653	23.1452
2009	30-Dec	1315	441.6088	28.36734	72.51826	22.9329
2009	30-Dec	1330	442.1988	28.36273	72.52039	22.7204
Sample Average			442.472	28.447	72.104	23.325
			Air Flow in acfm (k)	Pressure in Hg	Temp in Degrees F	Rel Hum %

DATA FROM WEATHER STATION AT S1300 E300

Year	Julian Date	Time	Pressure in Hg	Temp in Degrees F	Relative Humidity %	Air Flow in acfm (k)	Actual Density
2009	364	715	28.569	69.61	23.17	181.7	0.07137
2009	364	730	28.565	69.73	23.37	180.2	0.07134
2009	364	745	28.571	69.49	23.63	180.5	0.07138
2009	364	800	28.573	69.72	23.9	182.1	0.07135
2009	364	815	28.573	69.61	24.23	178.5	0.07137
2009	364	830	28.573	69.73	24.82	178.9	0.07135
2009	364	845	28.579	69.85	25.08	181	0.07134
2009	364	900	28.577	69.61	25.74	177.6	0.07137
2009	364	915	28.569	69.85	26.13	177.1	0.07131
2009	364	930	28.565	69.61	26.73	176.7	0.07133
2009	364	945	28.569	69.85	27.06	176.8	0.07131
2009	364	1000	28.567	69.96	27.39	175.7	0.07128
2009	364	1015	28.553	70.2	27.98	177.5	0.07121
2009	364	1030	28.547	69.96	28.37	172.7	0.07122
2009	364	1045	28.531	70.3	28.44	176.7	0.07113
2009	364	1100	28.529	70.3	28.57	177.4	0.07113
2009	364	1115	28.516	70.2	28.37	174.8	0.07112
2009	364	1130	28.506	70.3	28.18	173.6	0.07107
2009	364	1145	28.504	70.4	27.84	175.2	0.07106
2009	364	1200	28.492	70.3	27.38	175.4	0.07104
2009	364	1215	28.482	70.3	26.92	173.9	0.07102
2009	364	1230	28.47	70.3	26.4	175.1	0.071
2009	364	1245	28.457	70.1	26.2	175.4	0.071
2009	364	1300	28.454	70.3	26	176.3	0.07096
2009	364	1315	28.452	70.6	25.61	175.2	0.07092
2009	364	1330	28.44	70.4	25.28	174.6	0.07091
Sample Average			28.530	70.022	26.261	176.946	0.0712
			Pressure in Hg	Temp in Degrees F	Relative Humidity %	Air Flow in acfm (k)	Actual Density

Data Collector: Oscar Garcia 1/7/10

Data Reviewer: [illegible] 1/26/10

SAMPLE #'s 4545, 4546

DATA FROM CMS AT EXHAUST SHAFT

Year	Date	Time	Air Flow in acfm (k)	Pressure in Hg	Temp in Degrees F	Rel Hum %
2010	4-Jan	700	449.6575	28.74451	72.59086	17.1452
2010	4-Jan	715	445.7037	28.80569	72.55684	17.0581
2010	4-Jan	730	446.3488	28.8131	72.35302	16.7667
2010	4-Jan	745	446.2687	28.82076	72.1735	16.7613
2010	4-Jan	800	446.8875	28.81865	72.0918	16.905
2010	4-Jan	815	445.885	28.82138	72.16014	17.0383
2010	4-Jan	830	444.01	28.82321	72.14404	17.3321
2010	4-Jan	845	444.3563	28.82324	72.20448	17.6165
2010	4-Jan	900	443.4025	28.82325	72.1899	17.9731
2010	4-Jan	915	444.9975	28.82481	72.21725	18.2154
2010	4-Jan	930	443.6675	28.82423	72.29015	18.2494
2010	4-Jan	945	444.3413	28.82604	72.32447	18.4438
2010	4-Jan	1000	443.4325	28.82116	72.28285	18.6129
2010	4-Jan	1015	443.0913	28.81001	72.39251	18.7571
2010	4-Jan	1030	443.0975	28.80265	72.42532	18.7044
2010	4-Jan	1045	442.385	28.79597	72.42258	18.6344
2010	4-Jan	1100	442.365	28.7931	72.4162	18.5056
2010	4-Jan	1115	441.715	28.79005	72.43473	18.5163
2010	4-Jan	1130	442.4363	28.78027	72.45235	18.4044
2010	4-Jan	1145	443.2963	28.77346	72.39433	18.191
2010	4-Jan	1200	441.4388	28.76594	72.36304	18.0848
2010	4-Jan	1215	444.6487	28.75295	72.34877	18.06
2010	4-Jan	1230	441.7412	28.74252	72.35849	17.9448
2010	4-Jan	1245	441.0463	28.74076	72.38886	17.9433
2010	4-Jan	1300	440.64	28.72941	72.45477	17.7969
2010	4-Jan	1315	442.2575	28.71965	72.38066	17.7179
2010	4-Jan	1330	442.5588	28.7142	72.37215	17.7065
2010	4-Jan	1345	441.76	28.70738	72.38704	17.5785
Sample Average			443.388	28.787	72.324	17.941
			Air Flow in acfm (k)	Pressure in Hg	Temp in Degrees F	Rel Hum %

DATA FROM WEATHER STATION AT S1300 E300

Year	Julian Date	Time	Pressure in Hg	Temp in Degrees F	Relative Humidity %	Air Flow in acfm (k)	Actual Density
2010	4	700	28.872	69.13	20.41	205.8	0.07221
2010	4	715	28.901	69.49	19.95	180.7	0.07224
2010	4	730	28.901	69.49	19.88	170.9	0.07224
2010	4	745	28.903	69.49	19.95	171.8	0.07224
2010	4	800	28.925	69.61	20.01	184.2	0.07228
2010	4	815	28.913	69.61	20.08	171.1	0.07225
2010	4	830	28.909	69.73	20.41	171.2	0.07222
2010	4	845	28.911	69.49	20.8	170.2	0.07225
2010	4	900	28.909	69.84	21.2	175.5	0.0722
2010	4	915	28.913	69.84	21.26	170.3	0.07221
2010	4	930	28.911	69.49	21.53	169	0.07225
2010	4	945	28.911	69.73	21.59	167.6	0.07222
2010	4	1000	28.899	69.97	21.66	167.2	0.07215
2010	4	1015	28.893	69.85	21.72	165.9	0.07215
2010	4	1030	28.887	69.85	21.66	169.7	0.07214
2010	4	1045	28.881	69.97	21.66	168.7	0.07211
2010	4	1100	28.879	69.97	21.53	169.3	0.0721
2010	4	1115	28.871	69.97	21.46	167.9	0.07208
2010	4	1130	28.86	69.85	21.26	166.4	0.07207
2010	4	1145	28.856	70.2	21.13	162.9	0.07202
2010	4	1200	28.844	70.1	20.8	168	0.072
2010	4	1215	28.836	69.96	20.8	167.7	0.072
2010	4	1230	28.826	70.1	20.67	166.1	0.07196
2010	4	1245	28.822	70.2	20.54	163.9	0.07193
2010	4	1300	28.808	70.1	20.67	164.4	0.07191
2010	4	1315	28.802	70.2	20.6	163.1	0.07188
2010	4	1330	28.791	70.2	20.47	165.8	0.07186
2010	4	1345	28.789	70.2	20.41	167	0.07185
Sample Average			28.871	69.885	20.913	168.685	0.0721
			Pressure in Hg	Temp in Degrees F	Relative Humidity %	Air Flow in acfm (k)	Actual Density

Data Collector: Oscar Garcia 11/7/10

Data Reviewer: [illegible] 11/14/10

SAMPLE #'s 4547, 4548

DATA FROM CMS AT EXHAUST SHAFT

Year	Date	Time	Air Flow in acfm (k)	Pressure in Hg	Temp in Degrees F	Rel Hum %
2010	5-Jan	630	446.2638	28.70197	71.68234	17.1246
2010	5-Jan	645	444.3238	28.63489	71.94843	16.9515
2010	5-Jan	700	443.205	28.60373	72.74273	16.5023
2010	5-Jan	715	444.6513	28.60272	72.85178	16.4038
2010	5-Jan	730	441.49	28.60233	72.81837	16.2742
2010	5-Jan	745	442.5212	28.60405	72.89886	16.3277
2010	5-Jan	800	442.265	28.60101	72.86059	16.4119
2010	5-Jan	815	442.8713	28.59669	72.89886	16.4075
2010	5-Jan	830	442.4825	28.59878	72.92438	16.5496
2010	5-Jan	845	439.7913	28.60267	72.93379	16.8406
2010	5-Jan	900	440.3475	28.60715	72.98543	17.166
2010	5-Jan	915	441.2263	28.59986	73.00214	17.5431
2010	5-Jan	930	440.2712	28.60118	73.07412	17.8046
2010	5-Jan	945	438.9963	28.59699	73.07473	17.9721
2010	5-Jan	1000	425.32	28.60006	73.07382	18.125
2010	5-Jan	1015	417.6963	28.60821	73.15128	18.375
2010	5-Jan	1030	417.1638	28.59941	73.1774	18.4815
2010	5-Jan	1045	417.4262	28.58759	73.13609	18.5438
2010	5-Jan	1100	414.8662	28.5638	73.07746	18.7129
2010	5-Jan	1115	415.0562	28.55045	73.19258	18.7629
2010	5-Jan	1130	190.1625	28.64858	73.25425	18.8456
2010	5-Jan	1145	393.875	28.59351	73.53248	18.5929
2010	5-Jan	1200	413.4838	28.50723	73.42252	18.6648
2010	5-Jan	1215	410.7225	28.49232	73.35813	18.8488
2010	5-Jan	1230	412.3763	28.48334	73.35752	18.8819
2010	5-Jan	1245	410.94	28.47477	73.29951	18.9975
Sample Average			420.377	28.587	72.990	17.697
			Air Flow in acfm (k)	Pressure in Hg	Temp in Degrees F	Rel Hum %

DATA FROM WEATHER STATION AT S1300 E300

Year	Julian Date	Time	Pressure in Hg	Temp in Degrees F	Relative Humidity %	Air Flow in acfm (k)	Actual Density
2010	5	630	28.792	69.49	19.68	171	0.07196
2010	5	645	28.693	69.14	19.88	251.7	0.07176
2010	5	700	28.693	69.14	19.68	250.8	0.07177
2010	5	715	28.699	68.78	19.75	253.5	0.07183
2010	5	730	28.693	69.14	19.82	249.1	0.07176
2010	5	745	28.703	69.02	19.82	254.2	0.07181
2010	5	800	28.687	68.9	19.95	253.4	0.07178
2010	5	815	28.701	68.9	20.28	250.3	0.07181
2010	5	830	28.695	68.9	20.67	249.6	0.0718
2010	5	845	28.701	68.78	21.07	253.4	0.07183
2010	5	900	28.693	69.26	21.2	256.2	0.07174
2010	5	915	28.697	69.14	21.72	NA	0.07176
2010	5	930	28.691	69.26	21.72	NA	0.07173
2010	5	945	28.687	69.26	21.92	251.4	0.07172
2010	5	1000	NA	NA	NA	NA	NA
2010	5	1015	28.692	69.25	22.38	NA	0.07173
2010	5	1030	28.68	69.25	22.45	NA	0.0717
2010	5	1045	28.656	69.26	22.58	241.3	0.07164
2010	5	1100	28.65	69.14	22.78	235.4	0.07164
2010	5	1115	28.63	69.26	22.84	238.6	0.07157
2010	5	1130	28.763	70.4	21.86	157.5	0.07174
2010	5	1145	28.6	69.73	22.58	233.4	0.07143
2010	5	1200	28.579	69.26	22.78	235.4	0.07144
2010	5	1215	28.588	69.49	22.98	238.5	0.07143
2010	5	1230	28.565	69.61	22.84	236.7	0.07136
2010	5	1245	28.555	69.73	22.97	232.7	0.07132
Sample Average			28.671	69.260	21.448	237.814	0.0717
			Pressure in Hg	Temp in Degrees F	Relative Humidity %	Air Flow in acfm (k)	Actual Density

MWS DATA N/A, FOR THOSE TIMES.

Data Collector: Oscar Garcia 1/12/10

Data Reviewer: 1/14/10

SAMPLE #'s 4560, 4561

DATA FROM CMS AT EXHAUST SHAFT

Year	Date	Time	Air Flow in acfm (k)	Pressure in Hg	Temp in Degrees F	Rel Hum %
2010	12-Jan	600	434.725	28.70973	72.53983	14.481
2010	12-Jan	615	433.8225	28.71599	72.50064	14.5379
2010	12-Jan	630	433.2275	28.71978	72.49184	14.4304
2010	12-Jan	645	434.445	28.7244	72.50732	14.4052
2010	12-Jan	700	433.9438	28.72426	72.48879	14.4785
2010	12-Jan	715	433.4463	28.72865	72.51157	14.4575
2010	12-Jan	730	432.6875	28.73203	72.47513	14.3648
2010	12-Jan	745	433.1025	28.73369	72.48333	14.3656
2010	12-Jan	800	433.9988	28.735	72.4976	14.3227
2010	12-Jan	815	431.2613	28.74198	72.53648	14.3321
2010	12-Jan	830	431.5425	28.74355	72.5453	14.5008
2010	12-Jan	845	431.2788	28.74172	72.51006	14.6202
2010	12-Jan	900	430.1725	28.738	72.50338	14.6565
2010	12-Jan	915	429.9013	28.73344	72.54438	15.4238
2010	12-Jan	930	360.0725	28.76492	72.69292	16.4573
2010	12-Jan	945	252.455	28.94981	73.00062	16.9408
2010	12-Jan	1000	253.2213	28.94469	73.17648	17.3908
2010	12-Jan	1015	339.2238	28.89421	73.15431	17.6185
2010	12-Jan	1030	426.4463	28.72408	73.007	17.8931
2010	12-Jan	1045	426.6875	28.71936	72.93136	17.9771
2010	12-Jan	1100	425.2613	28.70933	72.91526	17.9042
2010	12-Jan	1115	424.72	28.69892	72.95323	17.8067
2010	12-Jan	1130	424.7662	28.69391	72.87456	17.6331
2010	12-Jan	1145	425.8475	28.68097	72.80075	17.43
2010	12-Jan	1200	424.3813	28.66832	72.68562	17.3765
Sample Average			409.626	28.747	72.693	15.832
			Air Flow in acfm (k)	Pressure in Hg	Temp in Degrees F	Rel Hum %

DATA FROM WEATHER STATION AT S1300 E300

Year	Julian Date	Time	Pressure in Hg	Temp in Degrees F	Relative Humidity %	Air Flow in acfm (k)	Actual Density
2010	12	600	28.8	67.36	18.7	239.9	0.07229
2010	12	615	28.814	67.12	18.56	240.4	0.07236
2010	12	630	28.812	67.36	18.7	239.5	0.07232
2010	12	645	28.814	67.36	18.76	239.5	0.07233
2010	12	700	28.816	67	18.76	242.9	0.07238
2010	12	715	28.82	67.24	18.56	237.7	0.07236
2010	12	730	28.82	67.12	18.3	236.3	0.07238
2010	12	745	28.826	67.24	18.37	236.3	0.07238
2010	12	800	28.828	67.24	18.56	237.7	0.07238
2010	12	815	28.836	67.24	18.7	240.3	0.0724
2010	12	830	28.832	67.12	18.96	237.6	0.0724
2010	12	845	28.828	67.36	19.29	233.9	0.07236
2010	12	900	28.822	67.24	20.34	238	0.07235
2010	12	915	28.83	67.36	21.66	238.2	0.07235
2010	12	930	29.012	67.6	22.25	150.2	0.07277
2010	12	945	29.012	67.83	22.45	147.3	0.07273
2010	12	1000	29.006	68.07	22.51	149.9	0.07268
2010	12	1015	28.81	67.6	22.58	234.7	0.07226
2010	12	1030	28.81	67.72	22.51	236	0.07224
2010	12	1045	28.802	67.48	22.51	236.9	0.07225
2010	12	1100	28.79	67.72	22.65	232.1	0.07219
2010	12	1115	28.786	67.72	22.25	236.3	0.07218
2010	12	1130	28.776	67.83	22.05	236.6	0.07214
2010	12	1145	28.761	67.71	21.79	233.6	0.07212
2010	12	1200	28.749	67.83	21.66	232	0.07208
Sample Average			28.832	67.459	20.457	226.552	0.0723
			Pressure in Hg	Temp in Degrees F	Relative Humidity %	Air Flow in acfm (k)	Actual Density

Data Collector: Oscar Garcia 1/15/10

Data Reviewer: [illegible] 1/26/10

SAMPLE #'s 4569, 4570, 4571

DATA FROM CMS AT EXHAUST SHAFT

Year	Date	Time	Air Flow in acfm (k)	Pressure in Hg	Temp in Degrees F	Rel Hum %
2010	16-Jan	30	423.89	28.38292	73.31864	24.7994
2010	16-Jan	45	423.6437	28.3794	73.29373	24.7217
2010	16-Jan	100	422.9513	28.37793	73.32077	24.7073
2010	16-Jan	115	424.8987	28.38578	73.28675	24.6627
2010	16-Jan	130	423.565	28.38188	73.2667	24.6069
2010	16-Jan	145	423.2275	28.38473	73.21567	24.685
2010	16-Jan	200	424.0775	28.3865	73.17193	24.781
2010	16-Jan	215	422.1088	28.37905	73.19228	24.8981
2010	16-Jan	230	424.3838	28.37582	73.20686	24.9523
2010	16-Jan	245	423.8525	28.37667	73.21719	24.9492
2010	16-Jan	300	423.32	28.37456	73.23936	25.0604
2010	16-Jan	315	424.6588	28.37289	73.21415	25.0556
2010	16-Jan	330	425.1112	28.36798	73.23602	25.094
2010	16-Jan	345	426.115	28.36208	73.18105	25.1119
2010	16-Jan	400	425.3912	28.34845	73.1944	25.1125
2010	16-Jan	415	426.2825	28.34027	73.15856	24.9777
2010	16-Jan	430	424.4813	28.3377	73.14703	24.9594
2010	16-Jan	445	423.2813	28.33522	73.15279	24.8221
2010	16-Jan	500	424.4125	28.33682	73.14459	24.7713
2010	16-Jan	515	425.24	28.34015	73.15948	24.871
2010	16-Jan	530	423.8362	28.344	73.10116	24.8892
2010	16-Jan	545	423.9488	28.33957	73.19501	24.8473
2010	16-Jan	600	426.24	28.33407	73.15189	24.8725
2010	16-Jan	615	425.4213	28.33751	73.10024	24.8331
2010	16-Jan	630	427.1513	28.33231	73.07838	24.7463
Sample Average			424.460	28.361	73.198	24.872
			Air Flow in acfm (k)	Pressure in Hg	Temp in Degrees F	Rel Hum %

DATA FROM WEATHER STATION AT S1300 E300

Year	Julian Date	Time	Pressure in Hg	Temp in Degrees F	Relative Humidity %	Air Flow in acfm (k)	Actual Density
2010	16	30	NA	NA	NA	NA	NA
2010	16	45	NA	NA	NA	NA	NA
2010	16	100	NA	NA	NA	NA	NA
2010	16	115	NA	NA	NA	NA	NA
2010	16	130	NA	NA	NA	NA	NA
2010	16	145	NA	NA	NA	NA	NA
2010	16	200	NA	NA	NA	NA	NA
2010	16	215	NA	NA	NA	NA	NA
2010	16	230	NA	NA	NA	NA	NA
2010	16	245	NA	NA	NA	NA	NA
2010	16	300	NA	NA	NA	NA	NA
2010	16	315	NA	NA	NA	NA	NA
2010	16	330	NA	NA	NA	NA	NA
2010	16	345	NA	NA	NA	NA	NA
2010	16	400	NA	NA	NA	NA	NA
2010	16	415	NA	NA	NA	NA	NA
2010	16	430	NA	NA	NA	NA	NA
2010	16	445	NA	NA	NA	NA	NA
2010	16	500	NA	NA	NA	NA	NA
2010	16	515	NA	NA	NA	NA	NA
2010	16	530	NA	NA	NA	NA	NA
2010	16	545	NA	NA	NA	NA	NA
2010	16	600	NA	NA	NA	NA	NA
2010	16	615	NA	NA	NA	NA	NA
2010	16	630	NA	NA	NA	NA	NA
Sample Average			28.361	73.198	24.872	269.500	0.0704
			Pressure in Hg	Temp in Degrees F	Relative Humidity %	Air Flow in acfm (k)	Actual Density

MWS Battery down. Airflow taken from sample data sheet manual entry.

Data Collector: Oscar Garcia 1/27/10 **Data Reviewer** 2/8/10

SAMPLE #'s 4611, 4613

DATA FROM CMS AT EXHAUST SHAFT

Year	Date	Time	Air Flow in acfm (k)	Pressure in Hg	Temp in Degrees F	Rel Hum %
2010	23-Jan	0	437.2575	27.85019	74.22412	28.4038
2010	23-Jan	15	435.745	27.85063	74.30795	28.5981
2010	23-Jan	30	435.58	27.83068	74.24387	28.8375
2010	23-Jan	45	435.3138	27.82686	74.34349	28.8942
2010	23-Jan	100	434.4463	27.83546	74.23475	29.0185
2010	23-Jan	115	435.89	27.83757	74.30188	29.0767
2010	23-Jan	130	436.4075	27.83441	74.28244	29.2188
2010	23-Jan	145	437.475	27.8301	74.23931	29.2883
2010	23-Jan	200	436.24	27.83506	74.26907	29.3363
2010	23-Jan	215	435.5738	27.83151	74.20042	29.2813
2010	23-Jan	230	436.8713	27.83044	74.27576	29.2792
2010	23-Jan	245	437.8725	27.83809	74.11963	29.2427
2010	23-Jan	300	436.4325	27.81547	74.16702	29.2492
2010	23-Jan	315	434.995	27.80301	74.11112	29.2877
2010	23-Jan	330	435.6938	27.79864	74.14241	29.2125
2010	23-Jan	345	434.605	27.79114	74.12601	29.2275
2010	23-Jan	400	439.825	27.78855	74.09746	29.2644
2010	23-Jan	415	436.44	27.79215	74.12631	29.2067
2010	23-Jan	430	438.0688	27.7929	74.03276	29.2263
2010	23-Jan	445	438.46	27.80189	74.14909	29.2281
2010	23-Jan	500	437.795	27.80841	74.1497	29.1623
2010	23-Jan	515	438.7175	27.81286	74.07346	29.0385
2010	23-Jan	530	437.0175	27.81486	74.03549	28.9838
2010	23-Jan	545	437.5363	27.81843	74.12418	28.8796
2010	23-Jan	600	436.8238	27.82136	74.09958	28.8983
2010	23-Jan	615	436.3125	27.80784	74.03458	28.9258
2010	23-Jan	630	438.08	27.81776	74.02456	28.8469
Sample Average			436.721	27.819	74.168	29.078
			Air Flow in acfm (k)	Pressure in Hg	Temp in Degrees F	Rel Hum %

DATA FROM WEATHER STATION AT S1300 E300

Year	Julian Date	Time	Pressure in Hg	Temp in Degrees F	Relative Humidity %	Air Flow in acfm (k)	Actual Density
2010	23	0	NA	NA	NA	NA	NA
2010	23	15	NA	NA	NA	NA	NA
2010	23	30	NA	NA	NA	NA	NA
2010	23	45	NA	NA	NA	NA	NA
2010	23	100	NA	NA	NA	NA	NA
2010	23	115	NA	NA	NA	NA	NA
2010	23	130	NA	NA	NA	NA	NA
2010	23	145	NA	NA	NA	NA	NA
2010	23	200	NA	NA	NA	NA	NA
2010	23	215	NA	NA	NA	NA	NA
2010	23	230	NA	NA	NA	NA	NA
2010	23	245	NA	NA	NA	NA	NA
2010	23	300	NA	NA	NA	NA	NA
2010	23	315	NA	NA	NA	NA	NA
2010	23	330	NA	NA	NA	NA	NA
2010	23	345	NA	NA	NA	NA	NA
2010	23	400	NA	NA	NA	NA	NA
2010	23	415	NA	NA	NA	NA	NA
2010	23	430	NA	NA	NA	NA	NA
2010	23	445	NA	NA	NA	NA	NA
2010	23	500	NA	NA	NA	NA	NA
2010	23	515	NA	NA	NA	NA	NA
2010	23	530	NA	NA	NA	NA	NA
2010	23	545	NA	NA	NA	NA	NA
2010	23	600	NA	NA	NA	NA	NA
2010	23	615	NA	NA	NA	NA	NA
2010	23	630	NA	NA	NA	NA	NA
Sample Average			27.819	74.168	29.078	262.000	0.0689
			Pressure in Hg	Temp in Degrees F	Relative Humidity %	Air Flow in acfm (k)	Actual Density

MWS Battery down. Airflow taken from sample data sheet manual entry.

Data Collector: Oscar Garcia 1/27/10

Data Reviewer: 2/8/10

2/8/10

SAMPLE #'s 4615, 4616

DATA FROM CMS AT EXHAUST SHAFT

Year	Date	Time	Air Flow in acfm (k)	Pressure in Hg	Temp in Degrees F	Rel Hum %
2010	24-Jan	0	435.12	28.02842	73.67464	15.8879
2010	24-Jan	15	441.3388	28.02727	73.70015	15.8388
2010	24-Jan	30	442.1137	28.02517	73.64973	15.7919
2010	24-Jan	45	440.345	28.02517	73.6713	15.8063
2010	24-Jan	100	441.1725	28.02895	73.59718	15.7417
2010	24-Jan	115	443.0888	28.0301	73.60994	15.6717
2010	24-Jan	130	441.4413	28.03536	73.62026	15.6227
2010	24-Jan	145	442.8637	28.03803	73.58047	15.4744
2010	24-Jan	200	444.0275	28.04263	73.58716	15.2677
2010	24-Jan	215	442.7662	28.04527	73.59688	15.1579
2010	24-Jan	230	444.93	28.04902	73.55466	14.9829
2010	24-Jan	245	442.825	28.05585	73.55618	14.9056
2010	24-Jan	300	439.3987	28.05469	73.55556	14.7402
2010	24-Jan	315	442.38	28.05277	73.51851	14.656
2010	24-Jan	330	441.9713	28.05269	73.51152	14.5829
2010	24-Jan	345	442.765	28.05414	73.52975	14.585
2010	24-Jan	400	443.0063	28.0564	73.52458	14.6027
2010	24-Jan	415	442.8325	28.05534	73.4936	14.5029
2010	24-Jan	430	444.395	28.05924	73.5012	14.4615
2010	24-Jan	445	442.4488	28.0618	73.50758	14.3942
2010	24-Jan	500	443.145	28.06568	73.50241	14.256
2010	24-Jan	515	443.7275	28.06876	73.45776	14.1481
2010	24-Jan	530	443.9713	28.06822	73.50545	14.0633
2010	24-Jan	545	443.8413	28.0751	73.5015	13.8767
2010	24-Jan	600	446.175	28.08692	73.44044	13.8931
2010	24-Jan	615	444.0187	28.09149	73.44196	13.886
2010	24-Jan	630	443.9638	28.09848	73.45351	14.0227
Sample Average			442.595	28.053	73.550	14.845
			Air Flow in acfm (k)	Pressure in Hg	Temp in Degrees F	Rel Hum %

DATA FROM WEATHER STATION AT S1300 E300

Year	Julian Date	Time	Pressure in Hg	Temp in Degrees F	Relative Humidity %	Air Flow in acfm (k)	Actual Density
2010	24	0	NA	NA	NA	NA	NA
2010	24	15	NA	NA	NA	NA	NA
2010	24	30	NA	NA	NA	NA	NA
2010	24	45	NA	NA	NA	NA	NA
2010	24	100	NA	NA	NA	NA	NA
2010	24	115	NA	NA	NA	NA	NA
2010	24	130	NA	NA	NA	NA	NA
2010	24	145	NA	NA	NA	NA	NA
2010	24	200	NA	NA	NA	NA	NA
2010	24	215	NA	NA	NA	NA	NA
2010	24	230	NA	NA	NA	NA	NA
2010	24	245	NA	NA	NA	NA	NA
2010	24	300	NA	NA	NA	NA	NA
2010	24	315	NA	NA	NA	NA	NA
2010	24	330	NA	NA	NA	NA	NA
2010	24	345	NA	NA	NA	NA	NA
2010	24	400	NA	NA	NA	NA	NA
2010	24	415	NA	NA	NA	NA	NA
2010	24	430	NA	NA	NA	NA	NA
2010	24	445	NA	NA	NA	NA	NA
2010	24	500	NA	NA	NA	NA	NA
2010	24	515	NA	NA	NA	NA	NA
2010	24	530	NA	NA	NA	NA	NA
2010	24	545	NA	NA	NA	NA	NA
2010	24	600	NA	NA	NA	NA	NA
2010	24	615	NA	NA	NA	NA	NA
2010	24	630	NA	NA	NA	NA	NA
Sample Average			28.053	73.550	14.845	270.000	0.0696
			Pressure in Hg	Temp in Degrees F	Relative Humidity %	Air Flow in acfm (k)	Actual Density

MWS Battery down. Airflow taken from sample data sheet manual entry.

Data Collector: Oscar Marcia 1/27/10 **Data Reviewer:** 2/8/10

SAMPLE #'s 4643, 4644

DATA FROM CMS AT EXHAUST SHAFT

Year	Date	Time	Air Flow in acfm (k)	Pressure in Hg	Temp in Degrees F	Rel Hum %
2010	30-Jan	530	455.7213	28.41098	72.71812	16.8921
2010	30-Jan	545	455.0038	28.41035	72.74273	16.8652
2010	30-Jan	600	454.6213	28.40989	72.73241	16.8533
2010	30-Jan	615	453.79	28.41203	72.74182	16.8667
2010	30-Jan	630	454.9188	28.41231	72.71297	16.8152
2010	30-Jan	645	454.7025	28.41199	72.69079	16.7438
2010	30-Jan	700	441.355	28.41191	72.72238	16.646
2010	30-Jan	715	453.8525	28.41226	72.69626	16.4785
2010	30-Jan	730	453.9125	28.4171	72.68896	16.396
2010	30-Jan	745	454.415	28.41709	72.6841	16.2794
2010	30-Jan	800	455.69	28.41288	72.71478	16.1567
2010	30-Jan	815	455.0938	28.4093	72.6595	16.0313
2010	30-Jan	830	453.5787	28.40284	72.62761	15.8931
2010	30-Jan	845	455.3763	28.40519	72.73909	15.8238
2010	30-Jan	900	453.8263	28.40786	72.68047	15.7019
2010	30-Jan	915	454.7987	28.40207	72.6188	15.5744
2010	30-Jan	930	453.5975	28.40218	72.61364	15.5383
2010	30-Jan	945	453.925	28.40199	72.57172	15.5881
2010	30-Jan	1000	454.56	28.40443	72.59632	15.5983
2010	30-Jan	1015	454.8425	28.4045	72.59359	15.8333
2010	30-Jan	1030	453.9138	28.40584	72.5942	15.9263
2010	30-Jan	1045	454.2575	28.40711	72.57597	16.0288
2010	30-Jan	1100	450.2725	28.40987	72.61455	16.1046
2010	30-Jan	1115	454.97	28.41333	72.57384	16.2223
2010	30-Jan	1130	454.8438	28.41379	72.57962	16.2392
Sample Average			453.834	28.409	72.659	16.204
			Air Flow in acfm (k)	Pressure in Hg	Temp in Degrees F	Rel Hum %

DATA FROM WEATHER STATION AT S1300 E300

Year	Julian Date	Time	Pressure in Hg	Temp in Degrees F	Relative Humidity %	Air Flow in acfm (k)	Actual Density
2010	30	30	28.517	67.95	21.07	268.3	0.07148
2010	30	45	28.513	67.83	20.93	267.6	0.07149
2010	30	100	28.517	68.07	20.93	266	0.07147
2010	30	115	28.515	67.95	20.8	268.8	0.07148
2010	30	130	28.515	67.83	20.74	266.3	0.07149
2010	30	145	28.515	68.07	20.61	262.4	0.07146
2010	30	200	28.517	68.19	20.54	267.7	0.07145
2010	30	215	28.519	67.95	20.41	267.3	0.07149
2010	30	230	28.523	67.95	20.21	268	0.0715
2010	30	245	28.521	67.83	20.01	268.9	0.07151
2010	30	300	28.517	67.83	20.08	268	0.0715
2010	30	315	28.509	67.95	19.82	267.5	0.07147
2010	30	330	28.503	67.83	19.82	264.2	0.07147
2010	30	345	28.519	67.95	19.68	269.8	0.0715
2010	30	400	28.507	67.83	19.42	266.1	0.07148
2010	30	415	28.509	67.95	19.55	267.1	0.07147
2010	30	430	28.507	67.72	19.55	268.1	0.0715
2010	30	445	28.507	67.72	19.62	266.8	0.0715
2010	30	500	28.507	67.72	19.95	264.5	0.0715
2010	30	515	28.511	67.6	20.14	267.2	0.07152
2010	30	530	28.513	67.83	20.21	264.2	0.07149
2010	30	545	28.517	67.72	20.21	266.8	0.07152
2010	30	600	28.517	67.72	20.41	265	0.07152
2010	30	615	28.517	67.72	20.47	265	0.07152
2010	30	630	28.521	67.6	20.54	265.1	0.07154
Sample Average			28.514	67.852	20.229	266.668	0.0715
			Pressure in Hg	Temp in Degrees F	Relative Humidity %	Air Flow in acfm (k)	Actual Density

Data Collector: Oscar Garcia 2/11/10

Data Reviewer: [illegible] 2/11/10

SAMPLE #'s 4645, 4646

DATA FROM CMS AT EXHAUST SHAFT

Year	Date	Time	Air Flow in acfm (k)	Pressure in Hg	Temp in Degrees F	Rel Hum %
2010	31-Jan	30	444.7825	28.35899	72.86727	20.0694
2010	31-Jan	45	448.8488	28.35902	72.87942	20.1444
2010	31-Jan	100	447.4738	28.35744	72.86393	20.0892
2010	31-Jan	115	446.4013	28.35806	72.83902	20.1379
2010	31-Jan	130	448.3588	28.35753	72.82687	20.1833
2010	31-Jan	145	449.1175	28.35523	72.83932	20.12
2010	31-Jan	200	448.3012	28.35525	72.79224	20.165
2010	31-Jan	215	448.0525	28.35002	72.80986	20.1333
2010	31-Jan	230	448.1063	28.34503	72.85147	20.1794
2010	31-Jan	245	442.705	28.34072	72.7643	20.1467
2010	31-Jan	300	448.1988	28.3378	72.86241	20.1129
2010	31-Jan	315	448.225	28.33725	72.88033	20.0492
2010	31-Jan	330	446.4537	28.33258	72.81351	20.0323
2010	31-Jan	345	449.1137	28.3342	72.83143	19.9317
2010	31-Jan	400	448.7563	28.33349	72.7728	19.8779
2010	31-Jan	415	448.5475	28.33277	72.81107	19.8892
2010	31-Jan	430	448.7013	28.33354	72.78526	19.886
2010	31-Jan	445	447.1925	28.33412	72.74941	19.7579
2010	31-Jan	500	446.8362	28.33463	72.77797	19.7481
2010	31-Jan	515	449.38	28.32754	72.74577	19.7625
2010	31-Jan	530	448.19	28.32593	72.76916	19.7308
2010	31-Jan	545	449.1487	28.325	72.72724	19.7025
2010	31-Jan	600	449.8738	28.3249	72.75671	19.6177
2010	31-Jan	615	448.7375	28.32401	72.74121	19.5875
2010	31-Jan	630	449.7563	28.32901	72.71539	19.5846
Sample Average			447.970	28.340	72.803	19.946
			Air Flow in acfm (k)	Pressure in Hg	Temp in Degrees F	Rel Hum %

DATA FROM WEATHER STATION AT S1300 E300

Year	Julian Date	Time	Pressure in Hg	Temp in Degrees F	Relative Humidity %	Air Flow in acfm (k)	Actual Density
2010	31	30	28.462	68.55	24.62	261.8	0.07124
2010	31	45	28.464	68.43	24.49	263.7	0.07126
2010	31	100	28.462	68.43	24.56	261.8	0.07125
2010	31	115	28.46	68.55	24.56	266.3	0.07123
2010	31	130	28.46	68.43	24.56	264.7	0.07125
2010	31	145	28.46	68.31	24.62	263.5	0.07127
2010	31	200	28.454	68.55	24.56	266.5	0.07122
2010	31	215	28.452	68.31	24.49	265.7	0.07125
2010	31	230	28.446	68.55	24.56	264.5	0.0712
2010	31	245	28.44	68.19	24.42	266.5	0.07123
2010	31	300	28.444	68.31	24.29	263.7	0.07123
2010	31	315	28.438	68.31	24.36	264.5	0.07121
2010	31	330	28.434	68.43	24.36	267.1	0.07118
2010	31	345	28.44	68.31	24.23	261.8	0.07122
2010	31	400	28.438	68.19	24.29	262.4	0.07123
2010	31	415	28.438	68.19	24.36	264.2	0.07123
2010	31	430	28.438	68.31	24.03	266	0.07121
2010	31	445	28.438	68.31	24.16	263.9	0.07121
2010	31	500	28.432	68.31	24.16	262.4	0.0712
2010	31	515	28.432	68.19	24.09	264.2	0.07121
2010	31	530	28.428	68.19	23.96	263.4	0.07121
2010	31	545	28.432	68.19	23.96	264.7	0.07122
2010	31	600	28.426	68.43	23.9	265.1	0.07117
2010	31	615	28.432	68.19	23.9	262.5	0.07122
2010	31	630	28.43	68.07	23.83	264.2	0.07123
Sample Average			28.443	68.329	24.293	264.204	0.0712
			Pressure in Hg	Temp in Degrees F	Relative Humidity %	Air Flow in acfm (k)	Actual Density

Data Collector: Oscar Garcia 2/11/10

Data Reviewer: [illegible] 2/11/10

Air Conversion Log Sheets

Ventilation Log Book - Six Hour Averages

Date	Location	Sample Set (A, B)	Temp. (^{0}F)	Relative Humidity %	Pressure (in. Hg)	Air Density (lb/ft^3)	Air Flow acfm x 1000	Air Flow scfm x 1000	Initials
1/4/2010	Total Flow	4545	73.3240	17.9410	28.7870	0.07146	443.388	422.484	OG/RD
	E-300	4546	69.8850	20.9130	28.8710	0.07210	168.685	162.163	
1/5/2010	Total Flow	4547	72.9900	17.6970	28.5870	0.07101	420.377	398.038	
	E-300	4548	69.2600	21.4480	28.6710	0.07170	237.814	227.350	
1/11/2010	Total Flow	4558	72.5860	12.3810	28.6550	0.07128	430.083	408.751	
	E-300	4559	67.2330	15.1080	28.7440	0.07220	237.138	228.285	
1/12/2010	Total Flow	4560	72.6930	15.8320	28.7470	0.07147	409.626	390.336	
	E-300	4561	67.4590	20.4570	28.8320	0.07230	226.552	218.396	
1/16/2010	Total Flow	4569	73.1980	24.8720	28.3610	0.07037	424.460	398.245	
	E-300	4570	73.1980	24.8720	28.3610	0.07037	269.500	252.863	
1/17/2010	Total Flow	4572	71.8940	16.6810	28.3310	0.07053	452.783	425.827	
	E-300	4573	71.8940	16.6810	28.3310	0.07053	79.000	74.292	
1/18/2010	Total Flow	4579	73.4360	13.8690	28.2580	0.07016	465.792	435.762	
	E-300	4580	73.4360	13.8690	28.2580	0.07016	239.000	223.577	
1/19/2010	Total Flow	4581	73.7300	17.1920	28.1430	0.06981	465.531	433.335	
	E-300	4582	73.7300	17.1920	28.1430	0.06981	240.500	223.857	
1/23/2010	Total Flow	4611	74.1680	29.0780	27.8190	0.06885	436.721	400.934	
	E-300	4613	74.1680	29.0780	27.8190	0.06885	262.000	240.516	
1/24/2010	Total Flow	4615	73.5500	14.8450	28.0530	0.06963	442.595	410.917	
	E-300	4616	73.5500	14.8450	28.0530	0.06963	270.000	250.668	
1/27/2010	Total Flow	4617	73.4580	22.0160	28.2090	0.06998	449.558	419.445	
	E-300	4618	70.0390	26.1920	28.3080	0.07060	249.148	234.531	
1/30/2010	Total Flow	4643	72.6590	16.2040	28.4090	0.07063	453.834	427.380	
	E-300	4644	67.8520	20.2290	28.5140	0.07150	266.668	254.223	
1/31/2010	Total Flow	4645	72.8030	19.9460	28.3400	0.07041	447.970	420.543	
	E-300	4646	68.3290	24.2930	28.4430	0.07120	264.204	250.818	

E-300 Formula used: ACFM/SCFM = [Standard Density at sea level (0.075 lb/ft^3]/Actual dendity(data logger)]

Total flow formula used: ACFM/SCFM = [Standard Density at sea level (0.075 lb/ft^3)/[Actual density (CMS)]

**** Corrected X 1.4004

Ventilation Log Book - Six Hour Averages

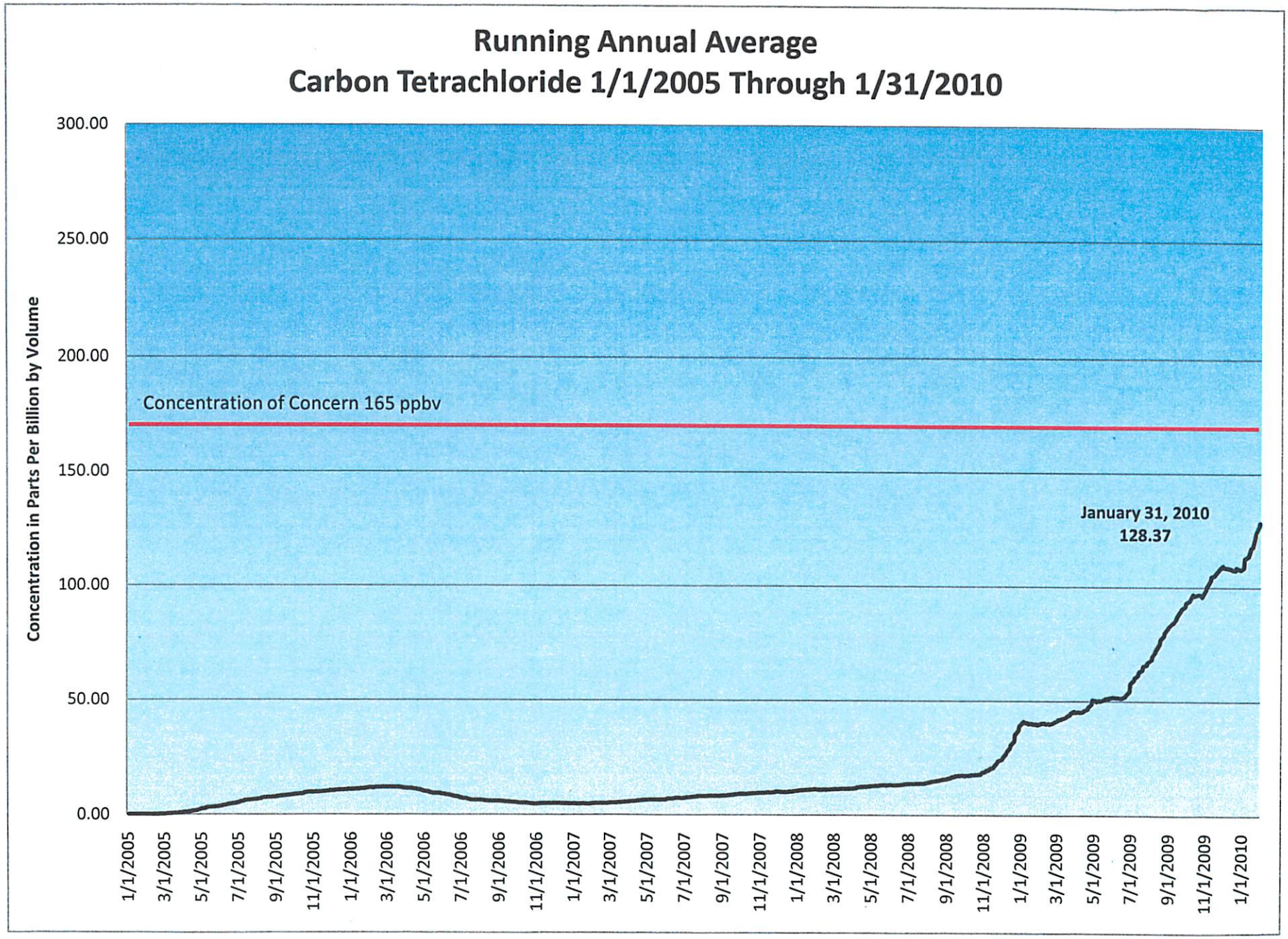
Date	Location	Sample Set (A, B)	Temp. (^{0}F)	Relative Humidity %	Pressure (in. Hg)	Air Density (lb/ft^3)	Air Flow acfm x 1000	Air Flow scfm x 1000	Initials	✓
11/17/2009	Total Flow	4416	78.2870	11.3180	28.5610	0.07028	475.049	445.172	OG	11/09
	E-300	4417	75.4920	12.7720	28.6510	0.07080	239.404	225.997		
11/23/2009	Total Flow	4427	78.1760	11.7400	28.2670	0.06957	467.500	433.650	OG	12/09
	E-300	4428	76.6810	12.9370	28.3250	0.06990	205.265	191.307		
11/24/2009	Total Flow	4429	77.8430	11.1670	28.6870	0.07065	477.360	449.704		
	E-300	4430	75.7520	12.3490	28.7780	0.07110	207.280	196.501		
11/30/2009	Total Flow	4437	76.6570	16.2950	28.6090	0.07058	468.940	441.290		
	E-300	4438	74.5310	18.4130	28.6900	0.07100	206.058	195.068		
12/2/2009	Total Flow	4440	75.8710	16.6550	28.3880	0.07013	481.552	450.315		
	E-300	4441	72.8080	19.4760	28.4860	0.07070	193.408	182.319		
12/7/2009	Total Flow	4448	74.8310	16.5750	28.4160	0.07035	491.705	461.195	OG/KB	
	E-300	4449	71.2330	19.9670	28.5030	0.07100	220.904	209.122		
12/8/2009	Total Flow	4450	74.5330	20.3890	27.9840	0.06928	525.794	485.721		
	E-300	4452	74.5330	20.3890	27.9840	0.06928	208.500	192.598		
12/14/2009	Total Flow	4480	76.1980	19.2050	28.3720	0.07003	441.870	412.584		
	E-300	4481	76.1980	19.2050	28.3720	0.07003	179.000	167.138		
12/15/2009	Total Flow	4482	76.5370	17.3150	28.8130	0.07109	306.619	290.633		
	E-300	4483	76.5370	17.3150	28.8130	0.07109	148.000	140.284		
12/21/2009	Total Flow	4494	74.9300	15.7550	28.4610	0.07045	445.859	418.817		
	E-300	4495	72.4080	18.5700	28.4770	0.07080	170.941	161.368		
12/22/2009	Total Flow	4496	75.1910	17.3460	28.1750	0.06969	443.551	412.168		
	E-300	4497	73.2850	20.0820	28.2580	0.07010	172.046	160.806		
12/28/2009	Total Flow	4509	72.0600	14.5950	28.7880	0.07167	447.471	427.587		
	E-300	4510	69.9340	17.0780	28.8750	0.07210	179.662	172.715		
12/30/2009	Total Flow	4511	72.1040	23.3250	28.4470	0.07075	442.472	417.373		
	E-300	4512	70.0220	26.2610	28.5300	0.07120	176.946	167.981		

E-300 Formula used: ACFM/SCFM = [Standard Density at sea level (0.075 lb/ft^3]/Actual dendity(data logger)]

Total flow formula used: ACFM/SCFM = [Standard Density at sea level (0.075 lb/ft^3)/[Actual density (CMS)]

**** Corrected X 1.4004

Updated Plots Associated with Item 1


Running Annual Average
Carbon Tetrachloride 1/1/2005 Through 1/31/2010
Concentration in Parts Per Billion by Volume
300.00
250.00
200.00
150.00
100.00
50.00
0.00
Concentration of Concern 165 ppbv
January 31, 2010
128.37
1/1/2005
3/1/2005
5/1/2005
7/1/2005
9/1/2005
11/1/2005
1/1/2006
3/1/2006
5/1/2006
7/1/2006
9/1/2006
11/1/2006
1/1/2007
3/1/2007
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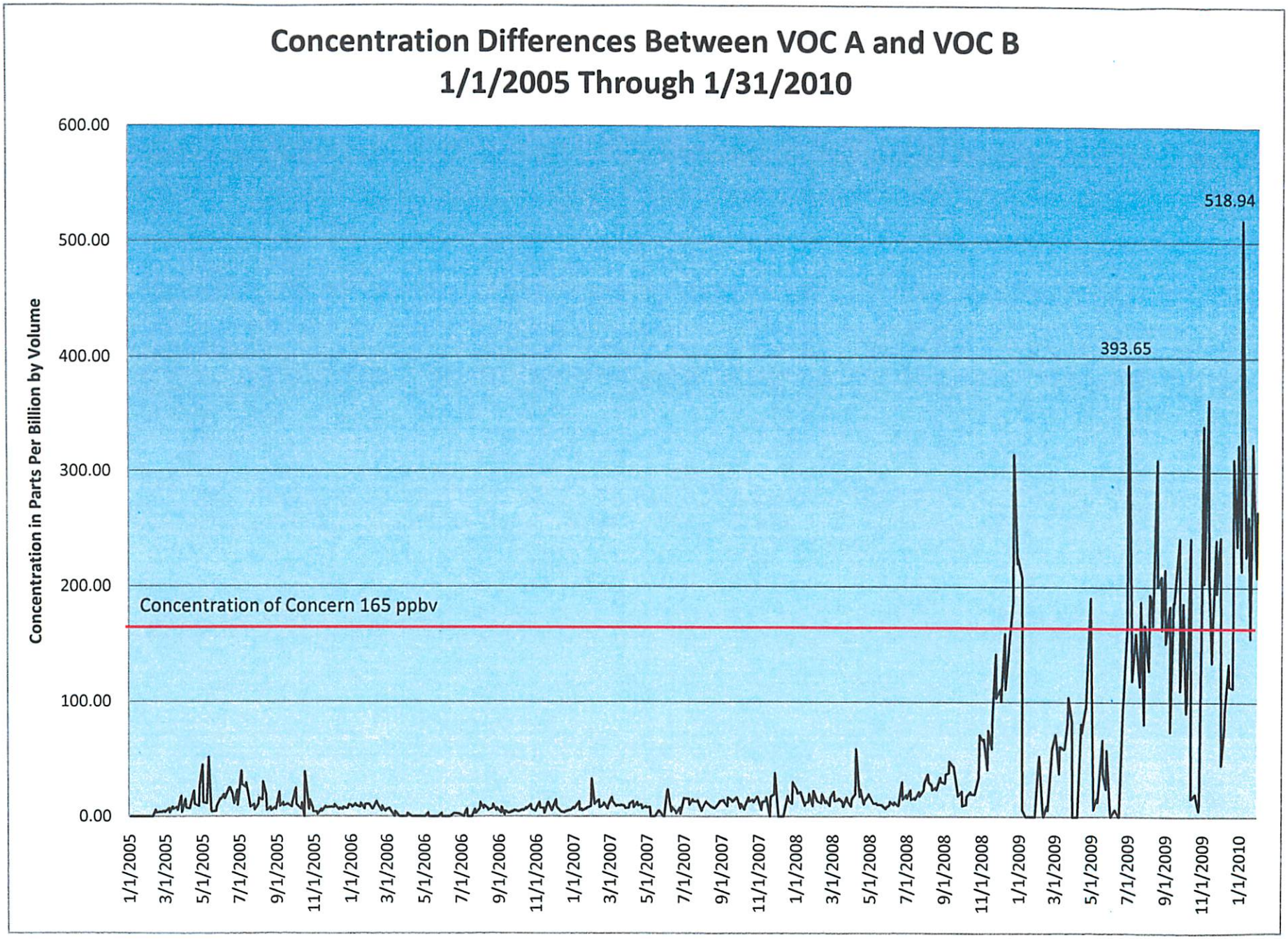
7/1/2009
9/1/2009
11/1/2009
1/1/2010


Concentration Differences Between VOC A and VOC B
1/1/2005 Through 1/31/2010
Concentration in Parts Per Billion by Volume
600.00
500.00
400.00
300.00
200.00
100.00
0.00
518.94
393.65
Concentration of Concern 165 ppbv
1/1/2005
3/1/2005
5/1/2005
7/1/2005
9/1/2005
11/1/2005
1/1/2006
3/1/2006
5/1/2006
7/1/2006
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9/1/2009
11/1/2009
1/1/2010