



Department of Energy
Carlsbad Field Office
P. O. Box 3090
Carlsbad, New Mexico 88221
FEB 18 2011



Mr. James Bearzi, Chief
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park Drive East, Building 1
Santa Fe, New Mexico 87505-6303

Subject: Submittal of Requested Volatile Organic Compound Monitoring Information

Reference: NMED correspondence (ZW:09:00801) from Mr. James P. Bearzi to Mr. David C. Moody and Mr. Farok M. Sharif, dated December 4, 2009, subject: Submittal of Corrected Volatile Organic Compound Information, WIPP Hazardous Waste Facility Permit, EPA I.D. Number NM4890139088

Dear Mr. Bearzi:

Enclosed is volatile organic compound (VOC) monitoring information which is the monthly update to information provided to the New Mexico Environment Department (NMED) in response to the above-referenced letter to the Permittees. This information was requested as Items 3 and 4 and is being provided because the running annual average for carbon tetrachloride remains above 60 parts per billion by volume (ppbv). The information, described below, will be sent via e-mail and hard copy mailing.

Enclosure A: Electronic Spreadsheet of concentration differences between samples taken at locations VOC-A and VOC-B from January 5, 2004 through January 19, 2011. This enclosure is an Excel file and will be provided to you via e-mail.

Enclosure B: Chart of concentration differences and running annual average for carbon tetrachloride update from December 20, 2010 through January 19, 2011.

Enclosure C: Plot of running annual average concentration for carbon tetrachloride versus date for the preceding 24 months.

Enclosure D: Updated plots associated with Item 1 in the NMED letter.

- Concentration differences between VOC-A and VOC-B January 1, 2005 through January 19, 2011.
- Running annual average carbon tetrachloride January 1, 2005 through January 19, 2011.
- For samples that exceeded the concentration of concern since the last monthly update, copies of sample data sheets for the sample collection event at station VOC-A, station VOC-B, meteorological data summary sheets and air conversion log sheets that are used for normalizing the laboratory data.

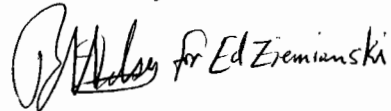
Mr. James Bearzi

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If you have any questions, please contact Mr. George T. Basabilvazo at (575) 234-7488.

Sincerely,

A handwritten signature in black ink, appearing to read "Ed Ziemianski" with a stylized flourish at the end.

Edward Ziemianski
Acting Manager

Enclosures

cc: w/enclosures
S. Zappe, NMED *ED
CBFO M&RC
*ED denotes electronic distribution

**Enclosure A: Electronic Spreadsheet of Concentration
Differences Between Samples Taken At
Locations VOC-A and VOC-B from January 5,
2004 Through January 19, 2011**

**Excel File Sent
Via E-Mail**

Sample Date	Difference	Running Annual Average	COC	TA COC	COC	COC
1/5/2004	0.00	0.00	165			
1/7/2004	0.00	0.00	165			
1/12/2004	0.00	0.00	165			
1/14/2004	0.00	0.00	165			
1/19/2004	0.00	0.00	165			
1/21/2004	0.00	0.00	165			
1/26/2004	0.00	0.00	165			
1/28/2004	0.00	0.00	165			
2/4/2004	0.00	0.00	165			
2/5/2004	0.00	0.00	165			
2/10/2004	0.00	0.00	165			
2/11/2004	0.00	0.00	165			
2/16/2004	0.00	0.00	165			
2/17/2004	0.00	0.00	165			
2/23/2004	0.00	0.00	165			
2/24/2004	0.00	0.00	165			
3/1/2004	0.00	0.00	165			
3/2/2004	0.00	0.00	165			
3/9/2004	0.00	0.00	165			
3/10/2004	0.00	0.00	165			
3/16/2004	0.00	0.00	165			
3/17/2004	0.00	0.00	165			
3/22/2004	0.00	0.00	165			
3/23/2004	0.00	0.00	165			
3/30/2004	0.00	0.00	165			
3/31/2004	0.00	0.00	165			
4/5/2004	0.00	0.00	165			
4/6/2004	0.00	0.00	165			
4/12/2004	0.00	0.00	165			
4/13/2004	0.00	0.00	165			
4/19/2004	0.00	0.00	165			
4/20/2004	0.00	0.00	165			
4/26/2004	0.00	0.00	165			
4/27/2004	0.00	0.00	165			
5/3/2004	0.00	0.00	165			
5/4/2004	0.00	0.00	165			
5/10/2004	0.00	0.00	165			
5/11/2004	0.00	0.00	165			
5/17/2004	0.00	0.00	165			
5/18/2004	0.00	0.00	165			
5/24/2004	0.00	0.00	165			
5/25/2004	0.00	0.00	165			
6/2/2004	0.00	0.00	165			
6/3/2004	0.00	0.00	165			
6/7/2004	0.00	0.00	165			
6/9/2004	0.00	0.00	165			
6/15/2004	0.00	0.00	165			
6/16/2004	0.00	0.00	165			
6/22/2004	0.00	0.00	165			
6/23/2004	0.00	0.00	165			
6/29/2004	0.00	0.00	165			
6/30/2004	0.00	0.00	165			

Sample Date	Difference	Running Annual Average	COC	TA COC	COC	COC
7/7/2004	0.00	0.00	165			
7/8/2004	0.00	0.00	165			
7/13/2004	0.00	0.00	165			
7/14/2004	0.00	0.00	165			
7/21/2004	0.00	0.00	165			
7/22/2004	0.00	0.00	165			
7/27/2004	0.00	0.00	165			
7/28/2004	0.00	0.00	165			
8/2/2004	0.00	0.00	165			
8/4/2004	0.00	0.00	165			
8/9/2004	0.00	0.00	165			
8/10/2004	0.00	0.00	165			
8/16/2004	0.00	0.00	165			
8/18/2004	0.00	0.00	165			
8/25/2004	0.00	0.00	165			
8/26/2004	0.00	0.00	165			
9/1/2004	0.00	0.00	165			
9/2/2004	0.00	0.00	165			
9/7/2004	0.00	0.00	165			
9/8/2004	0.00	0.00	165			
9/13/2004	0.00	0.00	165			
9/15/2004	0.00	0.00	165			
9/20/2004	0.00	0.00	165			
9/22/2004	0.00	0.00	165			
9/27/2004	0.00	0.00	165			
9/29/2004	0.00	0.00	165			
10/4/2004	0.00	0.00	165			
10/5/2004	0.00	0.00	165			
10/13/2004	0.00	0.00	165			
10/14/2004	0.00	0.00	165			
10/18/2004	0.00	0.00	165			
10/19/2004	0.00	0.00	165			
10/25/2004	0.00	0.00	165			
10/26/2004	0.00	0.00	165			
11/2/2004	0.00	0.00	165			
11/3/2004	0.00	0.00	165			
11/9/2004	0.00	0.00	165			
11/10/2004	0.00	0.00	165			
11/16/2004	0.00	0.00	165			
11/17/2004	0.00	0.00	165			
11/22/2004	0.00	0.00	165			
11/23/2004	0.00	0.00	165			
11/29/2004	0.00	0.00	165			
11/30/2004	0.00	0.00	165			
12/6/2004	0.00	0.00	165			
12/7/2004	0.00	0.00	165			
12/13/2004	0.00	0.00	165			
12/14/2004	0.00	0.00	165			
12/20/2004	0.00	0.00	165			
12/21/2004	0.00	0.00	165			
12/30/2004	0.00	0.00	165			
1/4/2005	0.00	0.00	165			

Sample Date	Difference	Running Annual Average	COC	TA COC	COC	COC
1/10/2005	0.00	0.00	165			
1/11/2005	0.00	0.00	165			
1/18/2005	0.00	0.00	165			
1/19/2005	0.00	0.00	165			
1/25/2005	0.00	0.00	165			
1/26/2005	0.00	0.00	165			
1/31/2005	0.00	0.00	165			
2/1/2005	0.00	0.00	165			
2/8/2005	0.00	0.00	165			
2/9/2005	0.00	0.00	165			
2/14/2005	5.63	0.05	165			
2/15/2005	3.27	0.09	165			
2/22/2005	4.12	0.13	165			
2/23/2005	3.78	0.16	165			
2/28/2005	4.70	0.21	165			
3/1/2005	3.78	0.25	165			
3/8/2005	7.14	0.31	165			
3/9/2005	3.32	0.35	165			
3/14/2005	8.44	0.43	165			
3/15/2005	6.47	0.49	165			
3/21/2005	8.22	0.57	165			
3/22/2005	5.46	0.62	165			
3/28/2005	17.54	0.79	165			
3/29/2005	3.72	0.82	165			
4/4/2005	15.15	0.98	165			
4/5/2005	7.57	1.05	165			
4/11/2005	6.89	1.12	165			
4/12/2005	9.70	1.21	165			
4/18/2005	22.04	1.43	165			
4/19/2005	10.87	1.53	165			
4/26/2005	8.91	1.63	165			
4/27/2005	27.18	1.90	165			
5/2/2005	44.87	2.32	165			
5/3/2005	12.10	2.44	165			
5/9/2005	11.27	2.55	165			
5/12/2005	51.30	3.07	165			
5/16/2005	6.00	3.10	165			
5/17/2005	4.08	3.14	165			
5/24/2005	4.67	3.22	165			
5/25/2005	8.35	3.30	165			
5/31/2005	15.48	3.42	165			
6/1/2005	15.04	3.53	165			
6/6/2005	19.25	3.75	165			
6/7/2005	15.65	3.90	165			
6/15/2005	24.79	4.18	165			
6/16/2005	25.15	4.43	165			
6/20/2005	19.74	4.58	165			
6/23/2005	11.26	4.73	165			
6/28/2005	22.95	4.91	165			
6/29/2005	9.87	5.01	165			
7/5/2005	39.51	5.39	165			
7/6/2005	27.95	5.61	165			

Sample Date	Difference	Running Annual Average	COC	TA COC	COC	COC
7/12/2005	25.40	5.91	165			
7/13/2005	29.10	6.19	165			
7/19/2005	11.46	6.30	165			
7/20/2005	8.29	6.32	165			
7/26/2005	10.43	6.48	165			
7/27/2005	5.65	6.54	165			
8/2/2005	10.56	6.71	165			
8/3/2005	15.93	6.80	165			
8/9/2005	14.21	7.00	165			
8/10/2005	29.99	7.30	165			
8/15/2005	18.59	7.41	165			
8/16/2005	5.43	7.46	165			
8/22/2005	8.11	7.54	165			
8/23/2005	5.15	7.51	165			
8/30/2005	8.06	7.67	165			
8/31/2005	6.20	7.65	165			
9/6/2005	20.96	7.93	165			
9/7/2005	8.85	8.02	165			
9/12/2005	12.00	8.13	165			
9/13/2005	9.05	8.22	165			
9/19/2005	10.59	8.32	165			
9/20/2005	10.61	8.43	165			
9/26/2005	8.28	8.51	165			
9/27/2005	11.38	8.62	165			
10/3/2005	24.40	8.85	165			
10/4/2005	10.40	8.95	165			
10/12/2005	6.27	9.01	165			
10/13/2005	11.78	9.13	165			
10/17/2005	0.00	9.13	165			
10/18/2005	38.70	9.50	165			
10/25/2005	6.28	9.66	165			
10/26/2005	14.34	9.80	165			
10/31/2005	7.22	9.78	165			
11/1/2005	4.11	9.72	165			
11/7/2005	3.92	9.85	165			
11/8/2005	1.82	9.78	165			
11/14/2005	6.23	9.93	165			
11/15/2005	4.24	9.88	165			
11/21/2005	8.71	10.06	165			
11/22/2005	7.63	10.13	165			
11/29/2005	7.75	10.31	165			
11/30/2005	7.96	10.38	165			
12/5/2005	7.76	10.36	165			
12/6/2005	10.18	10.46	165			
12/13/2005	5.88	10.62	165			
12/14/2005	7.23	10.69	165			
12/19/2005	5.79	10.64	165			
12/20/2005	8.02	10.72	165			
12/27/2005	6.87	10.79	165			
12/29/2005	10.11	10.78	165			
1/3/2006	9.49	10.87	165			
1/4/2006	8.09	10.95	165			

Sample Date	Difference	Running Annual Average	COC	TA COC	COC	COC
1/9/2006	10.85	10.95	165			
1/10/2006	9.35	11.04	165			
1/17/2006	8.13	11.11	165			
1/18/2006	11.35	11.22	165			
1/24/2006	6.44	11.28	165			
1/25/2006	10.29	11.38	165			
1/31/2006	10.58	11.59	165			
2/1/2006	10.28	11.69	165			
2/6/2006	6.19	11.64	165			
2/7/2006	6.40	11.59	165			
2/13/2006	12.99	11.82	165			
2/14/2006	10.99	11.87	165			
2/21/2006	4.69	11.89	165			
2/22/2006	8.89	11.93	165			
2/27/2006	4.60	11.94	165			
2/28/2006	5.80	11.95	165			
3/6/2006	7.14	11.98	165			
3/7/2006	5.93	11.93	165			
3/14/2006	0.00	11.97	165			
3/15/2006	4.25	11.95	165			
3/22/2006	0.00	11.94	165			
3/23/2006	0.00	11.82	165			
3/27/2006	0.00	11.71	165			
3/28/2006	0.00	11.54	165			
4/3/2006	0.00	11.51	165			
4/4/2006	2.65	11.39	165			
4/11/2006	0.00	11.36	165			
4/12/2006	0.00	11.26	165			
4/19/2006	0.00	11.05	165			
4/20/2006	0.00	10.95	165			
4/24/2006	0.00	10.84	165			
4/25/2006	0.00	10.74	165			
5/2/2006	0.00	10.17	165			
5/3/2006	0.00	10.05	165			
5/8/2006	3.10	9.99	165			
5/9/2006	0.00	9.88	165			
5/15/2006	0.00	9.39	165			
5/16/2006	0.00	9.33	165			
5/24/2006	0.00	9.34	165			
5/25/2006	0.00	9.26	165			
5/30/2006	2.91	9.20	165			
5/31/2006	0.00	9.05	165			
6/5/2006	0.00	8.91	165			
6/6/2006	0.00	8.73	165			
6/12/2006	0.00	8.58	165			
6/13/2006	0.00	8.50	165			
6/19/2006	2.53	8.12	165			
6/20/2006	2.71	7.96	165			
6/27/2006	2.40	7.88	165			
6/28/2006	2.17	7.68	165			
7/6/2006	0.00	7.08	165			
7/7/2006	2.40	7.03	165			

Sample Date	Difference	Running Annual Average	COC	TA COC	COC	COC
7/11/2006	6.59	7.03	165			
7/12/2006	0.00	6.79	165			
7/18/2006	0.00	6.51	165			
7/19/2006	0.00	6.40	165			
7/24/2006	6.35	6.38	165			
7/25/2006	2.66	6.35	165			
8/1/2006	7.00	6.32	165			
8/2/2006	12.27	6.34	165			
8/7/2006	6.97	6.25	165			
8/8/2006	9.53	6.21	165			
8/14/2006	7.14	5.99	165			
8/15/2006	5.52	5.87	165			
8/22/2006	7.19	5.86	165			
8/23/2006	10.51	5.91	165			
8/28/2006	5.37	5.91	165			
8/29/2006	7.53	5.92	165			
9/5/2006	3.14	5.87	165			
9/6/2006	8.06	5.75	165			
9/11/2006	1.52	5.68	165			
9/12/2006	4.79	5.61	165			
9/18/2006	2.79	5.55	165			
9/19/2006	3.07	5.48	165			
9/26/2006	4.70	5.40	165			
9/27/2006	5.51	5.34	165			
10/2/2006	4.52	5.33	165			
10/3/2006	4.21	5.14	165			
10/11/2006	5.91	5.10	165			
10/12/2006	5.08	5.09	165			
10/16/2006	7.67	5.05	165			
10/17/2006	6.48	5.11	165			
10/24/2006	10.36	4.84	165			
10/25/2006	6.50	4.84	165			
10/31/2006	4.66	4.73	165			
11/1/2006	6.14	4.74	165			
11/7/2006	12.25	4.82	165			
11/8/2006	7.44	4.88	165			
11/14/2006	7.21	4.89	165			
11/15/2006	2.91	4.88	165			
11/20/2006	10.92	4.93	165			
11/21/2006	12.41	4.97	165			
11/27/2006	5.05	4.94	165			
11/28/2006	6.36	4.96	165			
12/4/2006	14.52	4.99	165			
12/5/2006	8.24	5.00	165			
12/10/2006	5.26	4.95	165			
12/12/2006	4.04	4.94	165			
12/18/2006	3.36	4.90	165			
12/19/2006	4.20	4.88	165			
12/27/2006	5.54	4.84	165			
12/28/2006	5.23	4.84	165			
1/2/2007	8.02	4.82	165			
1/3/2007	6.90	4.80	165			

Sample Date	Difference	Running Annual Average	COC	TA COC	COC	COC
1/11/2007	12.87	4.74	165			
1/12/2007	5.44	4.75	165			
1/15/2007	6.53	4.76	165			
1/16/2007	4.92	4.77	165			
1/22/2007	6.56	4.69	165			
1/23/2007	7.05	4.71	165			
1/30/2007	8.78	4.68	165			
1/31/2007	32.61	4.89	165			
2/5/2007	10.51	4.89	165			
2/6/2007	11.75	4.94	165			
2/12/2007	14.24	5.02	165			
2/13/2007	7.62	4.97	165			
2/19/2007	9.80	4.96	165			
2/20/2007	11.85	5.02	165			
2/26/2007	6.71	5.00	165			
2/27/2007	9.40	5.05	165			
3/5/2007	16.56	5.15	165			
3/6/2007	13.28	5.21	165			
3/12/2007	8.88	5.24	165			
3/13/2007	9.54	5.28	165			
3/19/2007	9.32	5.38	165			
3/20/2007	9.96	5.42	165			
3/26/2007	8.99	5.56	165			
3/27/2007	6.97	5.62	165			
4/2/2007	7.43	5.70	165			
4/3/2007	10.87	5.80	165			
4/9/2007	13.06	5.90	165			
4/10/2007	7.86	5.92	165			
4/16/2007	12.41	6.09	165			
4/17/2007	9.45	6.12	165			
4/23/2007	10.15	6.28	165			
4/24/2007	6.89	6.34	165			
4/30/2007	8.88	6.43	165			
5/1/2007	7.62	6.44	165			
5/7/2007	8.05	6.58	165			
5/8/2007	0.00	6.55	165			
5/14/2007	0.00	6.55	165			
5/15/2007	0.00	6.55	165			
5/21/2007	4.93	6.59	165			
5/22/2007	4.63	6.58	165			
5/29/2007	0.00	6.64	165			
5/30/2007	0.00	6.61	165			
6/4/2007	21.49	6.82	165			
6/5/2007	23.07	7.04	165			
6/11/2007	4.28	7.08	165			
6/12/2007	7.96	7.15	165			
6/18/2007	4.48	7.19	165			
6/19/2007	2.60	7.20	165			
6/25/2007	7.52	7.24	165			
6/26/2007	2.24	7.19	165			
7/2/2007	15.91	7.37	165			
7/3/2007	15.49	7.45	165			

Sample Date	Difference	Running Annual Average	COC	TA COC	COC	COC
7/10/2007	15.32	7.64	165			
7/11/2007	10.04	7.67	165			
7/16/2007	14.94	7.82	165			
7/17/2007	13.21	7.87	165			
7/23/2007	12.84	8.06	165			
7/24/2007	13.97	8.14	165			
7/31/2007	4.85	8.16	165			
8/1/2007	6.71	8.16	165			
8/7/2007	12.90	8.17	165			
8/8/2007	12.16	8.20	165			
8/15/2007	8.83	8.24	165			
8/16/2007	8.14	8.24	165			
8/21/2007	6.98	8.23	165			
8/22/2007	7.05	8.23	165			
8/29/2007	12.02	8.28	165			
8/30/2007	13.25	8.32	165			
9/5/2007	14.11	8.43	165			
9/6/2007	12.29	8.47	165			
9/11/2007	8.80	8.54	165			
9/12/2007	16.41	8.65	165			
9/18/2007	14.23	8.76	165			
9/19/2007	12.81	8.85	165			
9/26/2007	16.47	8.97	165			
9/27/2007	16.21	9.07	165			
10/2/2007	7.00	9.09	165			
10/3/2007	10.98	9.16	165			
10/9/2007	6.10	9.13	165			
10/10/2007	8.73	9.13	165			
10/16/2007	16.42	9.28	165			
10/17/2007	12.99	9.34	165			
10/23/2007	14.52	9.39	165			
10/24/2007	12.40	9.41	165			
10/30/2007	17.19	9.51	165			
10/31/2007	16.45	9.63	165			
11/6/2007	5.68	9.62	165			
11/7/2007	12.39	9.62	165			
11/13/2007	13.56	9.68	165			
11/14/2007	16.90	9.77	165			
11/20/2007	0.00	9.73	165			
11/21/2007	17.16	9.78	165			
11/27/2007	19.26	9.92	165			
11/28/2007	37.65	10.22	165			
12/4/2007	0.00	10.08	165			
12/5/2007	0.00	10.00	165			
12/11/2007	0.00	9.95	165			
12/12/2007	0.00	9.91	165			
12/19/2007	17.68	10.10	165			
12/20/2007	13.83	10.14	165			
12/26/2007	11.15	10.15	165			
12/27/2007	29.70	10.38	165			
1/3/2008	22.88	10.61	165			
1/4/2008	19.96	10.70	165			

Sample Date	Difference	Running Annual Average	COC	TA COC	COC	COC
1/9/2008	21.14	10.80	165			
1/16/2008	9.56	10.92	165			
1/17/2008	12.24	10.93	165			
1/22/2008	12.83	10.99	165			
1/23/2008	19.65	11.11	165			
1/29/2008	9.17	11.09	165			
1/30/2008	22.04	11.22	165			
2/5/2008	13.93	11.05	165			
2/6/2008	13.17	11.06	165			
2/12/2008	11.35	11.03	165			
2/13/2008	19.23	11.15	165			
2/19/2008	11.72	11.16	165			
2/20/2008	13.73	11.18	165			
2/26/2008	9.29	11.21	165			
2/27/2008	16.43	11.28	165			
3/4/2008	21.50	11.37	165			
3/5/2008	13.44	11.34	165			
3/11/2008	14.40	11.35	165			
3/12/2008	15.70	11.42	165			
3/18/2008	12.48	11.45	165			
3/19/2008	8.59	11.44	165			
3/25/2008	16.63	11.51	165			
3/26/2008	13.61	11.55	165			
4/1/2008	8.87	11.57	165			
4/2/2008	15.34	11.64	165			
4/8/2008	19.62	11.73	165			
4/9/2008	58.81	12.17	165			
4/15/2008	17.37	12.26	165			
4/16/2008	23.61	12.37	165			
4/22/2008	10.59	12.38	165			
4/23/2008	13.79	12.41	165			
4/29/2008	17.74	12.52	165			
4/30/2008	19.37	12.62	165			
5/7/2008	12.09	12.71	165			
5/8/2008	11.42	12.82	165			
5/13/2008	11.51	12.80	165			
5/14/2008	10.45	12.91	165			
5/21/2008	10.22	13.08	165			
5/22/2008	9.79	13.13	165			
5/28/2008	6.69	13.07	165			
5/29/2008	7.98	13.15	165			
6/3/2008	9.64	13.24	165			
6/4/2008	12.99	13.16	165			
6/10/2008	10.13	13.03	165			
6/11/2008	12.68	13.11	165			
6/17/2008	9.42	13.13	165			
6/18/2008	9.36	13.17	165			
6/24/2008	29.92	13.44	165			
6/25/2008	15.06	13.51	165			
7/1/2008	18.88	13.67	165			
7/2/2008	16.13	13.67	165			
7/8/2008	22.99	13.74	165			

Sample Date	Difference	Running Annual Average	COC	TA COC	COC	COC
7/9/2008	14.74	13.75	165			
7/15/2008	16.42	13.80	165			
7/16/2008	15.18	13.80	165			
7/22/2008	21.50	13.88	165			
7/23/2008	17.67	13.93	165			
7/30/2008	22.84	14.01	165			
7/31/2008	29.00	14.25	165			
8/6/2008	36.90	14.54	165			
8/7/2008	30.05	14.70	165			
8/12/2008	27.14	14.85	165			
8/13/2008	23.16	14.92	165			
8/19/2008	25.63	15.15	165			
8/20/2008	23.40	15.23	165			
8/26/2008	34.07	15.57	165			
8/27/2008	30.61	15.71	165			
9/3/2008	29.07	15.90	165			
9/4/2008	36.66	16.10	165			
9/9/2008	38.06	16.36	165			
9/10/2008	48.22	16.67	165			
9/16/2008	43.71	17.01	165			
9/17/2008	43.97	17.26	165			
9/23/2008	22.03	17.38	165			
9/24/2008	18.09	17.39	165			
9/30/2008	21.98	17.45	165			
10/1/2008	9.45	17.38	165			
10/7/2008	10.60	17.47	165			
10/8/2008	17.48	17.47	165			
10/14/2008	21.60	17.70	165			
10/15/2008	19.67	17.72	165			
10/21/2008	19.37	17.80	165			
10/22/2008	20.92	17.83	165			
10/28/2008	34.37	18.07	165			
10/29/2008	71.22	18.58	165			
11/4/2008	66.21	19.07	165			
11/5/2008	67.77	19.53	165			
11/11/2008	40.72	19.94	165			
11/12/2008	75.15	20.46	165			
11/18/2008	59.11	20.94	165			
11/19/2008	87.77	21.57	165			
11/24/2008	141.71	22.98	165			
11/25/2008	103.33	23.74	165			
12/2/2008	111.31	24.49	165			
12/3/2008	100.63	25.22	165			
12/9/2008	159.42	26.99	165			
12/10/2008	111.04	27.79	165			
12/15/2008	144.03	29.45	165			
12/16/2008	150.52	30.60	165			
12/22/2008	186.62	32.39	165			
12/23/2008	315.06	35.08	165			
12/29/2008	220.24	37.14	165			
12/30/2008	224.93	38.93	165			
1/6/2009	207.94	40.89	165			

Sample Date	Difference	Running Annual Average	COC	TA COC	COC	COC
1/7/2009	6.40	40.56	165			
1/13/2009	0.00	40.36	165			
1/14/2009	0.00	39.98	165			
1/20/2009	0.00	40.15	165			
1/21/2009	0.00	39.77	165			
1/27/2009	0.00	39.84	165			
1/28/2009	0.00	39.47	165			
2/3/2009	47.94	40.00	165			
2/4/2009	52.72	40.12	165			
2/10/2009	4.09	40.29	165			
2/11/2009	0.00	39.91	165			
2/17/2009	9.33	40.08	165			
2/18/2009	5.75	39.76	165			
2/24/2009	47.89	40.35	165			
2/25/2009	58.75	40.53	165			
3/3/2009	71.95	41.35	165			
3/4/2009	67.04	41.79	165			
3/9/2009	37.64	42.02	165			
3/10/2009	61.28	42.20	165			
3/17/2009	58.79	42.87	165			
3/18/2009	59.61	43.32	165			
3/23/2009	81.80	44.02	165			
3/24/2009	104.27	44.59	165			
3/30/2009	83.04	45.51	165			
3/31/2009	0.00	45.09	165			
4/7/2009	0.00	45.28	165			
4/8/2009	0.00	45.10	165			
4/14/2009	80.98	45.31	165			
4/15/2009	73.32	45.84	165			
4/21/2009	93.48	46.51	165			
4/22/2009	95.53	47.32	165			
4/28/2009	175.13	48.85	165			
4/29/2009	190.30	50.50	165			
5/5/2009	6.22	50.37	165			
5/6/2009	8.87	49.98	165			
5/11/2009	16.01	50.38	165			
5/12/2009	12.78	50.03	165			
5/20/2009	67.05	50.93	165			
5/21/2009	37.17	51.19	165			
5/26/2009	24.09	51.33	165			
5/27/2009	57.95	51.39	165			
6/2/2009	4.60	51.78	165			
6/3/2009	0.00	51.69	165			
6/9/2009	5.50	51.62	165			
6/10/2009	6.13	51.58	165			
6/16/2009	0.00	51.46	165			
6/17/2009	0.00	51.37	165			
6/23/2009	93.47	52.17	165			
6/24/2009	102.81	52.87	165			
6/30/2009	167.19	54.32	165			
7/1/2009	393.65	57.89	165			
7/7/2009	167.86	59.33	165			

Sample Date	Difference	Running Annual Average	COC	TA COC	COC	COC
7/8/2009	118.65	60.24	165			
7/14/2009	159.73	61.62	165			
7/15/2009	150.54	62.90	165			
7/21/2009	114.07	63.84	165			
7/22/2009	187.12	65.42	165			
7/28/2009	80.93	66.02	165			
7/29/2009	166.71	66.97	165			
8/5/2009	127.66	68.33	165			
8/6/2009	193.07	69.82	165			
8/10/2009	185.21	71.30	165			
8/11/2009	166.76	72.20	165			
8/18/2009	310.35	75.36	165			
8/19/2009	200.42	77.03	165			
8/25/2009	208.94	78.79	165			
8/26/2009	163.06	80.02	165			
8/31/2009	214.79	81.77	165			
9/1/2009	151.46	82.43	165			
9/8/2009	183.05	84.33	165			
9/9/2009	74.17	84.68	165			
9/14/2009	186.71	86.00	165			
9/15/2009	185.73	86.94	165			
9/24/2009	241.48	90.57	165			
9/25/2009	110.17	90.76	165			
9/29/2009	169.89	91.52	165			
9/30/2009	185.78	93.08	165			
10/5/2009	90.77	93.85	165			
10/6/2009	98.62	93.90	165			
10/12/2009	241.65	96.82	165			
10/13/2009	16.07	96.06	165			
10/20/2009	19.83	96.77	165			
10/21/2009	17.61	96.76	165			
10/26/2009	5.45	96.61	165			
10/27/2009	11.89	95.81	165			
11/2/2009	340.10	98.96	165			
11/3/2009	203.41	99.94	165			
11/10/2009	363.62	103.08	165			
11/11/2009	209.80	104.69	165			
11/16/2009	134.63	105.26	165			
11/17/2009	157.83	105.75	165			
11/23/2009	240.45	107.65	165			
11/24/2009	194.70	108.16	165			
11/30/2009	242.75	109.48	165			
12/2/2009	45.32	108.85	165			
12/7/2009	76.99	108.63	165			
12/8/2009	91.70	108.47	165			
12/14/2009	133.46	108.20	165			
12/15/2009	114.13	107.91	165			
12/21/2009	112.35	107.55	165			
12/22/2009	310.78	108.73	165			
12/28/2009	235.63	107.98	165			
12/30/2009	323.52	107.84	165			
1/4/2010	214.08	108.86	165			

Sample Date	Difference	Running Annual Average	COC	TA COC	COC	COC
1/5/2010	518.96	112.73	165			
1/12/2010	226.66	113.92	165			
1/16/2010	260.80	117.52	165			
1/19/2010	155.98	117.89	165			
1/23/2010	324.30	122.14	165			
1/24/2010	302.17	123.85	165			
1/30/2010	208.62	127.05	165			
1/31/2010	265.31	128.37	165			
2/6/2010	0.00	128.63	165			
2/7/2010	5.66	127.46	165			
2/8/2010	0.00	126.26	165			
2/14/2010	0.00	127.42	165			
2/15/2010	255.44	128.63	165			
2/21/2010	337.66	132.93	165			
2/22/2010	105.15	132.66	165			
2/28/2010	0.00	132.91	165			
3/2/2010	0.00	131.66	165			
3/7/2010	128.73	132.81	165			
3/8/2010	102.23	132.53	165			
3/14/2010	0.00	132.85	165			
3/15/2010	0.00	131.59	165			
3/21/2010	0.00	131.72	165			
3/22/2010	0.00	130.48	165			
3/28/2010	177.08	131.63	165			
3/29/2010	254.72	132.79	165			
4/4/2010	415.94	137.23	165			
4/5/2010	382.84	139.55	165			
4/11/2010	110.78	141.93	165			
4/12/2010	82.78	141.37	165			
4/18/2010	74.73	141.96		630		
4/19/2010	84.76	141.42		630		
4/25/2010	58.13	141.52		630		
4/26/2010	70.72	140.85		630		
5/2/2010	121.93	139.88		630		
5/3/2010	107.83	139.57		630		
5/9/2010	87.74	141.60		630		
5/10/2010	87.33	141.08		630		
5/16/2010	95.42	143.06		630		
5/17/2010	189.33	143.50		630		
5/23/2010	160.87	145.40		630		
5/24/2010	188.64	145.81		630		
6/3/2010	218.34	151.34		630		
6/4/2010	106.73	150.91		630		
6/8/2010	116.35	150.58		630		
6/9/2010	96.56	151.45		630		
6/15/2010	101.82	152.36		630		
6/16/2010	132.24	153.62		630		
6/22/2010	90.91	154.48		630		
6/23/2010	88.79	154.44		630		
6/29/2010	85.35	154.27		630		
6/30/2010	85.08	153.49		630		
7/6/2010	119.59	150.88			412.5	

Sample Date	Difference	Running Annual Average	COC	TA COC	COC	COC
7/7/2010	78.74	150.03			412.5	
7/13/2010	5.50	148.95			412.5	
7/15/2010	179.84	149.13			412.5	
7/21/2010	94.84	148.95			412.5	
7/22/2010	167.47	148.76			412.5	
7/27/2010	269.48	149.91			412.5	
7/28/2010	176.90	150.82			412.5	
8/3/2010	147.86	150.64			412.5	
8/4/2010	237.88	151.47			412.5	
8/10/2010	180.25	151.25			412.5	
8/11/2010	157.48	151.16			412.5	
8/17/2010	150.87	151.15			412.5	
8/18/2010	182.25	149.93			412.5	
8/24/2010	129.69	149.26			412.5	
8/25/2010	187.36	149.06			412.5	
8/31/2010	62.36	147.46			412.5	
9/1/2010	76.77	146.74			412.5	
9/7/2010	72.61	146.03			412.5	
9/8/2010	87.96	145.13			412.5	
9/14/2010	232.79	146.25			412.5	
9/16/2010	228.63	146.66			412.5	
9/21/2010	247.40	147.62			412.5	
9/22/2010	223.05	148.33			412.5	
9/28/2010	259.00	148.86			412.5	
9/29/2010	271.09	149.83			412.5	
10/5/2010	277.25	151.28			412.5	
10/6/2010	295.61	153.17			412.5	
10/13/2010	216.35	154.26			412.5	
10/14/2010	269.08	155.36			412.5	
10/19/2010	72.25	154.57			412.5	
10/20/2010	90.18	155.24			412.5	
10/26/2010	112.95	157.60			412.5	
10/27/2010	178.10	159.19			412.5	
11/2/2010	0.00	155.92			412.5	
11/3/2010	0.00	153.97			412.5	
11/9/2010	0.00	152.50			412.5	
11/10/2010	0.00	149.04			412.5	
11/16/2010	132.97	148.44			412.5	
11/17/2010	95.37	147.84			412.5	
11/23/2010	92.19	146.41			412.5	
11/23/2010	123.68	146.19			412.5	
11/30/2010	102.42	144.38			412.5	
12/1/2010	189.72	144.81			412.5	
12/7/2010	0.00	145.03			412.5	
12/8/2010	0.00	144.15			412.5	
12/14/2010	343.80	146.17			412.5	
12/15/2010	402.78	148.94			412.5	
12/20/2010	554.83	152.81			412.5	
12/21/2010	196.31	153.61			412.5	
12/28/2010	633.10	155.92			412.5	
12/29/2010	283.38	157.13			412.5	
1/4/2011	266.26	156.04				

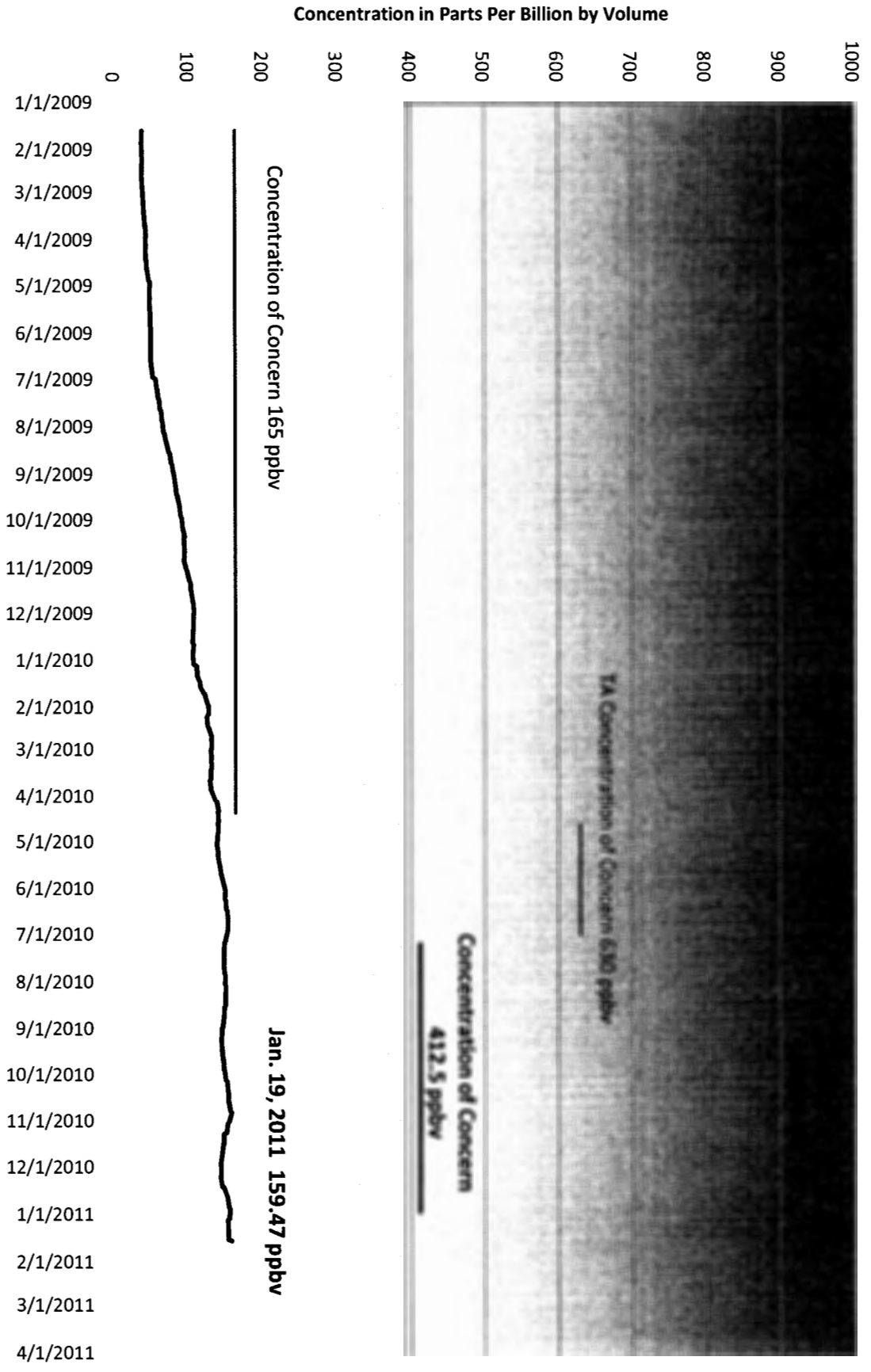
Sample Date	Difference	Running Annual Average	COC	TA COC	COC	COC
1/5/2011	314.18	154.07				960
1/11/2011	215.25	154.65				960
1/12/2011	249.26	154.86				960
1/18/2011	259.73	154.85				960
1/19/2011	641.07	159.47				960

**Enclosure B: Chart of Concentration Differences and Running
Annual Average for Carbon Tetrachloride Update
From December 20, 2010, Through January 19,
2011**

Sample Date	Concentration Difference	Running Annual Average
12/20/2010	554.83	152.81
12/21/2010	196.31	153.61
12/28/2010	633.10	155.92
12/29/2010	283.38	157.13
1/4/2011	266.26	156.04
1/5/2011	314.18	154.07
1/11/2011	215.25	154.65
1/12/2011	249.26	154.86
1/18/2011	259.73	154.85
1/19/2011	641.07	159.47

**Enclosure C: Plot of Running Annual Average Concentration
For Carbon Tetrachloride Versus Date For The
Preceding 24 Months**

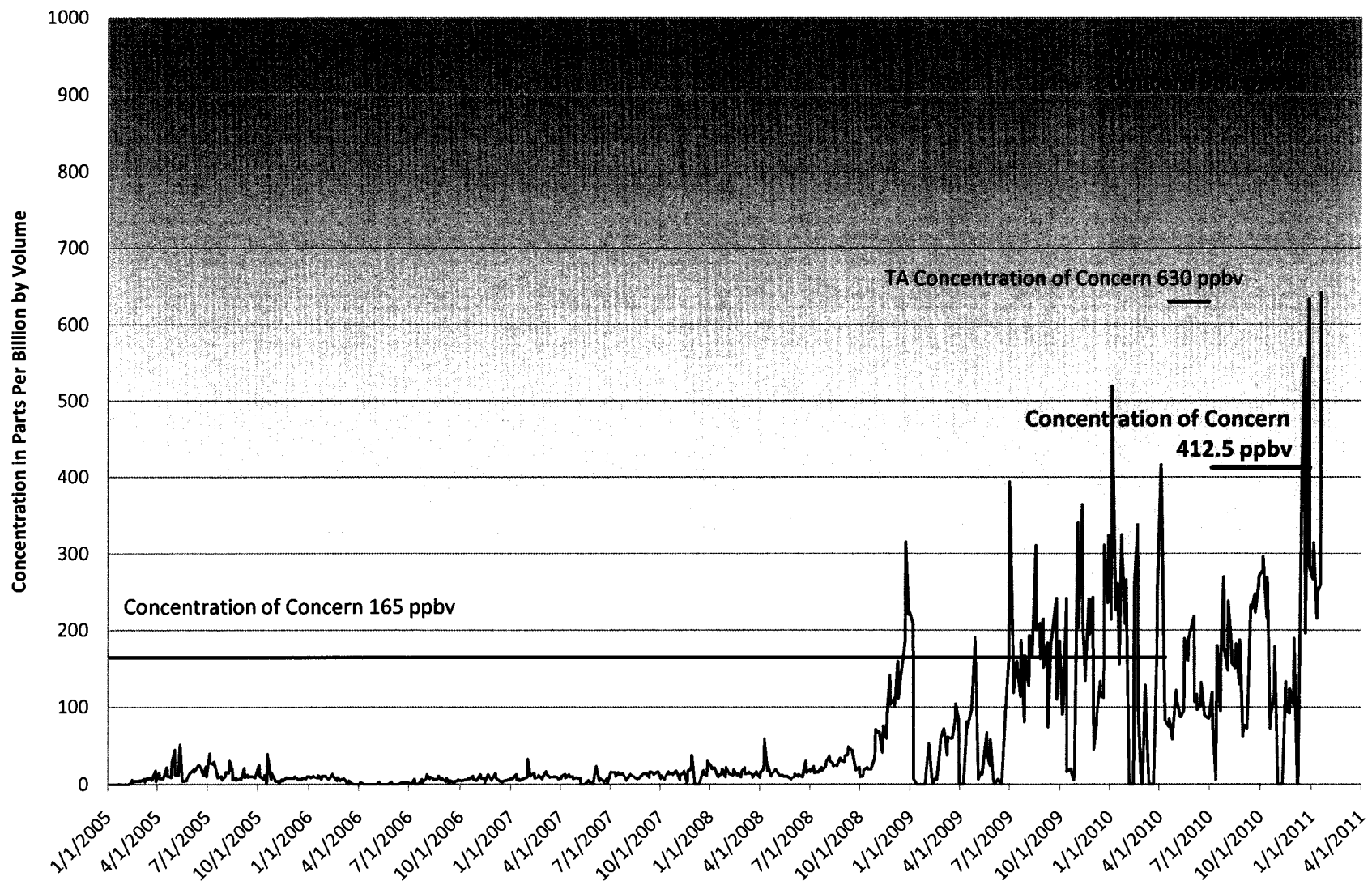
Running Annual Average Carbon Tetrachloride 1/20/2009 Through 1/19/2011



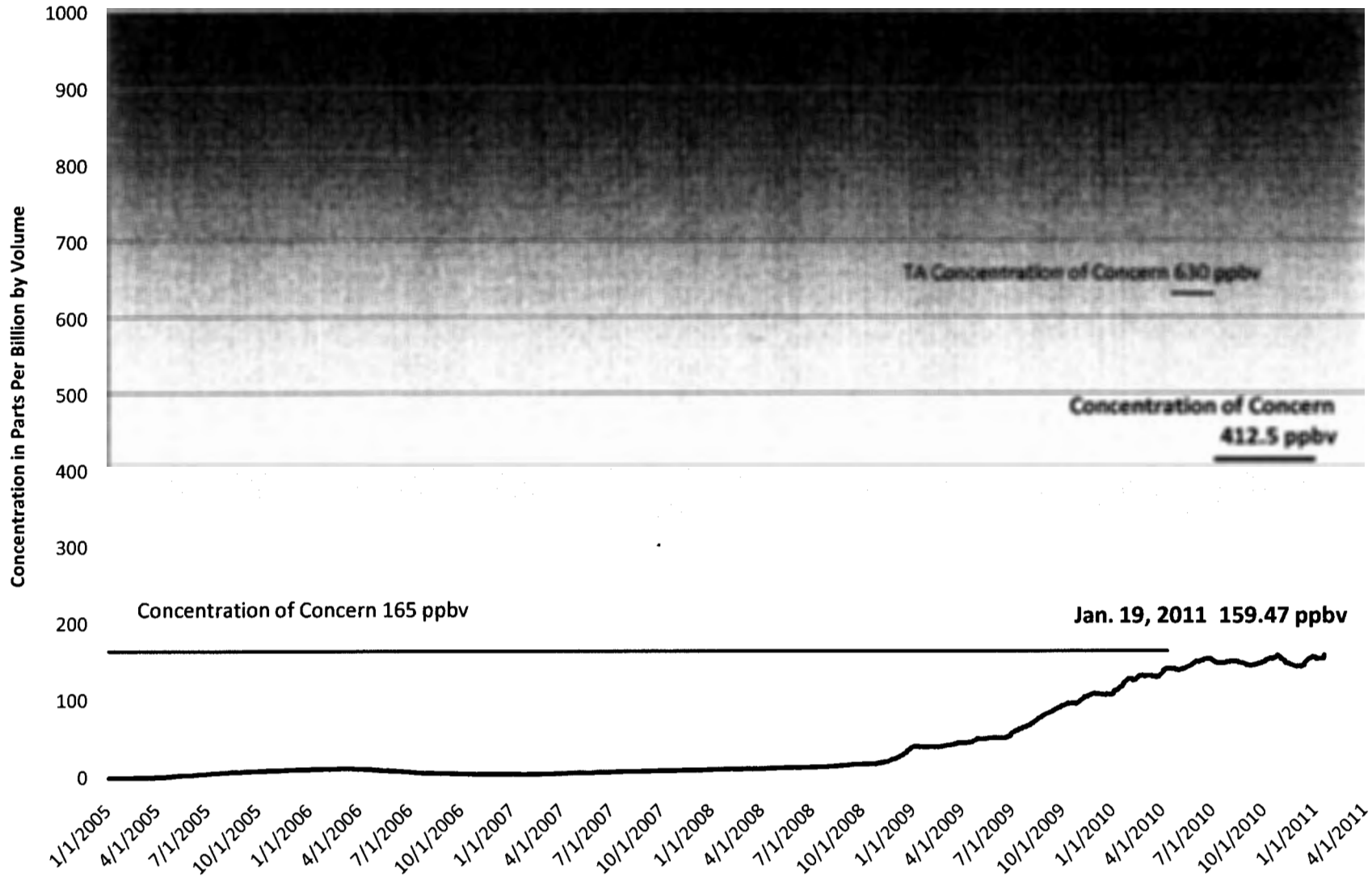
Enclosure D: Updated Plots Associated With Item 1 In The NMED Letter:

- **Concentration Differences Between VOC-A and VOC-B January 1, 2005 Through January 19, 2011**
- **Running Annual Average Carbon Tetrachloride January 1, 2005 Through January 19, 2011**
- **For samples that exceeded the concentration of concern since the last monthly update, copies of sample data sheets for the sample collection event at Station VOC-A, Station VOC-B, meteorological data summary sheets and air conversion log sheets that are used for normalizing the laboratory data.**

Concentration Differences Between VOC A and VOC B 1/1/2005 Through 1/19/2011



Running Annual Average Carbon Tetrachloride 1/1/2005 Through 1/19/2011



Attachment 2 - Sample Data Sheet

Date: 12/27/10 Radiological Release Between Start and End Time - Yes/No (No)

Station No.: Voc A VOC Sampler Serial No.: 0907-03

SAMPLE PORT	START TIME			END TIME			
	DAY	HOUR	MINUTE	DAY	HOUR	MINUTE	
1	12/28/10	7	00	12/28/10	13	00	
2							
PUMP	12/28/10	7	00	12/28/10	13	00	
SAMPLE PORT	SERIAL NO.	SAMPLE NO.	DATE/TIME INSTALLED		DATE/TIME REMOVED		
1	A7291	5767	12/27/10-1136		12/28/10-1328		
2							
SAMPLE PORT	FLOWRATE (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	15	22	22	6
2							
PURGE INFORMATION							
CAL/DUE DATE	EQUIPMENT #	FLOWRATE (LMP)	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	/		/		/		

OG 12/28/10
OG 12/28/10
OG 12/28/10

REMARKS/COMMENTS:

Performed by: Oscar Garcia / O. Garcia / 12/27/10
 Printed Name Signature Date

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

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

Reviewed for Completeness by: David Ganaway / [Signature] / 1/4/2011
 Printed Name Signature Date

Attachment 2 -- Sample Data Sheet

Date: 12/27/10 Radiological Release Between Start and End Time - Yes/No (No)

Station No.: Voc B VOC Sampler Serial No.: 0704-04

SAMPLE PORT	START TIME			END TIME			
	DAY	HOUR	MINUTE	DAY	HOUR	MINUTE	
1	12/28/10	7	00	12/28/10	13	00	
2							
PUMP	12/28/10	7	00	12/28/10	13	00	
SAMPLE PORT	SERIAL NO.	SAMPLE NO.	DATE/TIME INSTALLED		DATE/TIME REMOVED		
1	A7304	5768	12/27/10-1215		12/28/10-1301		
2							
SAMPLE PORT	FLOWRATE (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	17	22	22	6
2							

OG 12/28/10
OG 12/28/10
OG 12/28/10

PURGE INFORMATION				
CAL/DUE DATE	EQUIPMENT #	FLOWRATE (LMP)	PURGE TIME	TOTAL VOLUME (L)

RCT Section

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

REMARKS/COMMENTS:

Performed by: Oscar Garcia / D. Garcia / 11/27/10
 Printed Name Signature Date

Performed by: _____ / _____ / _____
 Printed Name Signature Date

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

Reviewed for Completeness by: David Canary / [Signature] / 1/4/2011
 Printed Name Signature Date

Attachment 2 – Sample Data Sheet

Date: 12/20/10 Radiological Release Between Start and End Time – Yes/No Yes

Station No.: VOCA VOC Sampler Serial No.: 0907-03

SAMPLE PORT	START TIME			END TIME			
	DAY	HOUR	MINUTE	DAY	HOUR	MINUTE	
1	12/20/10	6	41	12/20/10	12	41	
2							
PUMP	12/20/10	6	41	12/20/10	12	41	
SAMPLE PORT	SERIAL NO.	SAMPLE NO.	DATE/TIME INSTALLED		DATE/TIME REMOVED		
1	5375	5757	12/20/10-0640		12/20/10-1242		
2							
SAMPLE PORT	FLOWRATE (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							

OG 12/20/10
OG 12/20/10
OG 12/20/10

PURGE INFORMATION

CAL/DUE DATE	EQUIPMENT #	FLOWRATE (LMP)	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	/		/	/

OG 12/20/10

REMARKS/COMMENTS: FORMETER readout 250/ENDING 250

OG 12/20/10

Performed by: Oscar Garcia / D. Garcia / 11/20/10
 Printed Name Signature Date

Performed by: _____ / _____ / _____
 Printed Name Signature Date

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

Reviewed for Completeness by: David Gonzalez / _____ / 11/4/2011
 Printed Name Signature Date

Attachment 2 – Sample Data Sheet

Date: 12/20/10 Radiological Release Between Start and End Time – Yes (No)

Station No.: Doc B VOC Sampler Serial No.: 0704-04

SAMPLE PORT	START TIME			END TIME			
	DAY	HOUR	MINUTE	DAY	HOUR	MINUTE	
1	12/20/10	6	48	12/20/10	12	48	
2							
PUMP	12/20/10	6	48	12/20/10	12	48	
SAMPLE PORT	SERIAL NO.	SAMPLE NO.	DATE/TIME INSTALLED		DATE/TIME REMOVED		
1	5378	5758	12/20/10-0647		12/20/10-1247		
2							
SAMPLE PORT	FLOWRATE (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	22	22	6
2							

09
12/20/10

09
12/20/10

PURGE INFORMATION				
CAL/DUE DATE	EQUIPMENT #	FLOWRATE (LMP)	PURGE TIME	TOTAL VOLUME (L)

RCT Section

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

REMARKS/COMMENTS:

09, 12/20/10

Performed by: Oscar Garcia, O. Garcia 12/20/10
 Printed Name Signature Date

Performed by: /, / /
 Printed Name Signature Date

Performed by: /, / 09/12/20/10
 (RCT) Printed Name Signature Date

Reviewed for Completeness by: David Ganaway, [Signature] 1/4/2011
 Printed Name Signature Date

SAMPLE #s 5767, 5768

DATA FROM CMS AT EXHAUST SHAFT

Year	Date	Time	Air Flow in acfm (k)	Pressure in Hg	Temp in Degrees F	Rel Hum %
2010	28-Dec	700	NA	NA	NA	NA
2010	28-Dec	715	NA	NA	NA	NA
2010	28-Dec	730	NA	NA	NA	NA
2010	28-Dec	745	NA	NA	NA	NA
2010	28-Dec	800	NA	NA	NA	NA
2010	28-Dec	815	NA	NA	NA	NA
2010	28-Dec	830	NA	NA	NA	NA
2010	28-Dec	845	NA	NA	NA	NA
2010	28-Dec	900	NA	NA	NA	NA
2010	28-Dec	915	NA	NA	NA	NA
2010	28-Dec	930	NA	NA	NA	NA
2010	28-Dec	945	NA	NA	NA	NA
2010	28-Dec	1000	NA	NA	NA	NA
2010	28-Dec	1015	NA	NA	NA	NA
2010	28-Dec	1030	NA	NA	NA	NA
2010	28-Dec	1045	NA	NA	NA	NA
2010	28-Dec	1100	NA	NA	NA	NA
2010	28-Dec	1115	NA	NA	NA	NA
2010	28-Dec	1130	NA	NA	NA	NA
2010	28-Dec	1145	NA	NA	NA	NA
2010	28-Dec	1200	NA	NA	NA	NA
2010	28-Dec	1215	NA	NA	NA	NA
2010	28-Dec	1230	NA	NA	NA	NA
2010	28-Dec	1245	NA	NA	NA	NA
2010	28-Dec	1300	NA	NA	NA	NA

DATA FROM WEATHER STATION AT S1300 E300

Year	Date	Time	Pressure in Hg	Temp in Degrees F	Relative Humidity %	Air Flow in acfm (k)	Actual Density
2010	362	700	28.681	77.9	14.55	NA	0.07057
2010	362	715	28.689	77.4	14.48	NA	0.07065
2010	362	730	28.691	77.3	14.81	NA	0.07067
2010	362	745	28.691	77.4	15.21	NA	0.07065
2010	362	800	28.577	76.8	15.21	NA	0.07045
2010	362	815	28.573	77	15.6	NA	0.07042
2010	362	830	28.577	76.8	16	NA	0.07044
2010	362	845	28.577	76.8	16.13	NA	0.07044
2010	362	900	28.577	77	16.39	NA	0.07042
2010	362	915	28.573	76.8	16.79	NA	0.07043
2010	362	930	28.575	76.8	17.12	NA	0.07043
2010	362	945	28.575	76.6	17.51	NA	0.07046
2010	362	1000	28.571	76.6	17.91	NA	0.07044
2010	362	1015	28.561	76.6	17.97	NA	0.07042
2010	362	1030	28.555	76.2	18.37	NA	0.07045
2010	362	1045	28.553	76.4	18.43	NA	0.07043
2010	362	1100	28.537	76.1	18.56	NA	0.07042
2010	362	1115	28.527	76.4	18.43	NA	0.07036
2010	362	1130	28.521	76.2	18.3	NA	0.07036
2010	362	1145	28.505	76	18.24	NA	0.07036
2010	362	1200	28.484	76	18.04	NA	0.07031
2010	362	1215	28.472	76.2	17.84	NA	0.07025
2010	362	1230	28.462	76.2	17.77	NA	0.07022
2010	362	1245	28.448	76.1	17.77	NA	0.07021
2010	362	1300	28.438	76.1	17.64	NA	0.07018

Sample Average 444.618 28.560 76.628 17.003
 Air Flow Pressure Temp in Rel Hum
 in acfm (k) in Hg Degrees F %

Sample Average 28.560 76.628 17.003 401.156 0.0704
 Pressure Temp in Relative Air Flow Actual
 in Hg Degrees F Humidity % in acfm (k) Density

Data Collector: *Oscar Garcia-Holguin*

Data Reviewer: *Walter Holguin*

Note: Airflows were derived from manual readings
 CMS data not available. MWS9 data for pressure, temp, and RH were used.

SAMPLE #'s 5757, 5758

DATA FROM CMS AT EXHAUST SHAFT

Year	Date	Time	Air Flow in acfm (k)	Pressure in Hg	Temp in Degrees F	Rel Hum %
2010	20-Dec	630	NA	NA	NA	NA
2010	20-Dec	645	NA	NA	NA	NA
2010	20-Dec	700	NA	NA	NA	NA
2010	20-Dec	715	NA	NA	NA	NA
2010	20-Dec	730	NA	NA	NA	NA
2010	20-Dec	745	NA	NA	NA	NA
2010	20-Dec	800	NA	NA	NA	NA
2010	20-Dec	815	NA	NA	NA	NA
2010	20-Dec	830	NA	NA	NA	NA
2010	20-Dec	845	NA	NA	NA	NA
2010	20-Dec	900	NA	NA	NA	NA
2010	20-Dec	915	NA	NA	NA	NA
2010	20-Dec	930	NA	NA	NA	NA
2010	20-Dec	945	NA	NA	NA	NA
2010	20-Dec	1000	NA	NA	NA	NA
2010	20-Dec	1015	NA	NA	NA	NA
2010	20-Dec	1030	NA	NA	NA	NA
2010	20-Dec	1045	NA	NA	NA	NA
2010	20-Dec	1100	NA	NA	NA	NA
2010	20-Dec	1115	NA	NA	NA	NA
2010	20-Dec	1130	NA	NA	NA	NA
2010	20-Dec	1145	NA	NA	NA	NA
2010	20-Dec	1200	NA	NA	NA	NA
2010	20-Dec	1215	NA	NA	NA	NA
2010	20-Dec	1230	NA	NA	NA	NA
2010	20-Dec	1245	NA	NA	NA	NA
2010	20-Dec	1300	NA	NA	NA	NA

Sample Average	399.104	28.357	77.474	22.995
	Air Flow in acfm (k)	Pressure in Hg	Temp in Degrees F	Rel Hum %

DATA FROM WEATHER STATION AT S1300 E300

Year	Date	Time	Pressure in Hg	Temp in Degrees F	Relative Humidity %	Air Flow in acfm (k)	Actual Density
2010	354	630	28.495	77.9	24.09	NA	0.07002
2010	354	645	28.341	77.4	23.77	NA	0.06971
2010	354	700	28.343	77.2	24.03	NA	0.06975
2010	354	715	28.339	77.2	23.63	NA	0.06974
2010	354	730	28.353	77.6	23.63	NA	0.06973
2010	354	745	28.361	77.6	23.57	NA	0.06975
2010	354	800	28.357	77.2	23.5	NA	0.06979
2010	354	815	28.355	76.7	23.37	NA	0.06985
2010	354	830	28.345	76.8	23.7	NA	0.0698
2010	354	845	28.347	77	23.83	NA	0.06979
2010	354	900	28.355	77.2	23.63	NA	0.06978
2010	354	915	28.367	77.3	23.7	NA	0.06979
2010	354	930	28.365	77.2	23.7	NA	0.0698
2010	354	945	28.367	77.6	23.77	NA	0.06976
2010	354	1000	28.365	77.6	23.9	NA	0.06975
2010	354	1015	28.369	77.7	24.03	NA	0.06975
2010	354	1030	28.357	77.4	24.23	NA	0.06975
2010	354	1045	28.357	77.7	23.77	NA	0.06972
2010	354	1100	28.347	77.6	23.44	NA	0.06971
2010	354	1115	28.466	77.9	23.17	NA	0.06996
2010	354	1130	28.343	77.7	22.58	NA	0.06969
2010	354	1145	28.335	77.8	22.05	NA	0.06966
2010	354	1200	28.337	77.8	21.53	NA	0.06967
2010	354	1215	28.325	77.7	20.74	NA	0.06967
2010	354	1230	28.321	77.7	20.21	NA	0.06966
2010	354	1245	28.313	77.6	19.75	NA	0.06966
2010	354	1300	28.304	77.7	19.55	NA	0.06963

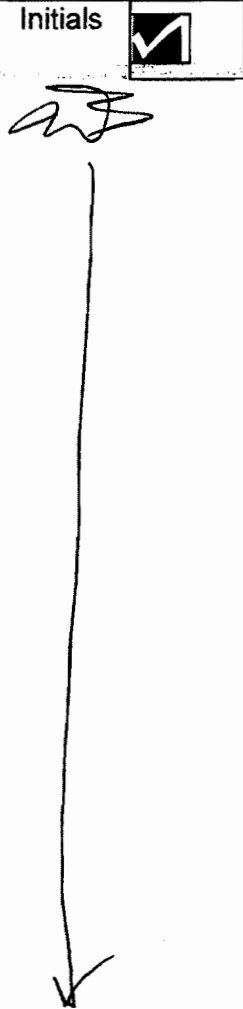
Sample Average	28.357	77.474	22.995	242.561	0.0698
	Pressure in Hg	Temp in Degrees F	Relative Humidity %	Air Flow in acfm (k)	Actual Density

Data Collector: *Isaac Garcia 1/10/11*

Data Reviewer: *[Signature] 1/10/11*

Note: Airflows were derived from manual readings collected on 12/18, 12/19, 12/22, and 12/23. CMS data not available. MWS9 data for pressure, temp, and RH were used.

Ventilation Log Book - Six Hour Averages

Date	Location	Sample Set (A, B)	Temp. (°F)	Relative Humidity %	Pressure (in. Hg)	Air Density (lb/ft ³)	Air Flow acfm x 1000	Air Flow scfm x 1000	Initials
12/14/2010	Total Flow	5728	76.1560	14.9230	28.4220	0.07020	466.996	437.078	
	E-300	5729	76.1560	14.9230	28.4220	0.07020	254.668	238.369	
12/15/2010	Total Flow	5730	76.5040	13.8290	28.1610	0.06951	480.475	445.318	
	E-300	5731	76.5040	13.8290	28.1610	0.06950	252.533	234.014	
12/20/2010	Total Flow	5757	77.4740	22.9950	28.3570	0.06979	399.104	371.354	
	E-300	5758	77.4740	22.9950	28.3570	0.06980	242.561	225.743	
12/21/2010	Total Flow	5759	77.4930	20.4370	28.5130	0.07019	399.104	373.510	
	E-300	5760	77.4930	20.4370	28.5130	0.07020	242.561	227.037	
12/28/2010	Total Flow	5767	76.6280	17.0030	28.5600	0.07045	444.618	417.671	
	E-300	5768	76.6280	17.0030	28.5600	0.07040	401.156	376.552	
12/29/2010	Total Flow	5769	76.9240	16.1440	28.3080	0.06980	388.520	361.578	
	E-300	5770	76.9240	16.1440	28.3080	0.06980	142.225	132.364	
1/4/2011	Total Flow	5781	75.9320	11.5340	28.5710	0.07062	466.120	438.916	
	E-300	5782	75.9320	11.5340	28.5710	0.07060	253.647	238.766	
1/5/2011	Total Flow	5783	75.6850	10.7180	28.5970	0.07073	495.198	466.988	
	E-300	5784	75.6850	10.7180	28.5970	0.07070	264.552	249.384	
1/11/2011	Total Flow	5793	75.9320	8.6110	29.1280	0.07203	283.612	272.367	
	E-300	5794	75.9320	8.6110	29.1280	0.07200	144.172	138.405	
1/12/2011	Total Flow	5795	75.0280	10.2990	29.0260	0.07188	463.470	444.211	
	E-300	5796	75.0280	10.2990	29.0260	0.07190	226.551	217.187	
1/18/2011	Total Flow	5826	75.4080	17.5420	28.4220	0.07027	443.024	415.111	
	E-300	5827	75.4080	17.5420	28.4220	0.07020	291.799	273.124	
1/19/2011	Total Flow	5828	75.4600	15.7200	28.1840	0.06969	441.222	410.001	
	E-300	5829	75.4600	15.7200	28.1840	0.06970	308.879	287.052	
1/25/2011	Total Flow	0	0.0000	0.0000	0.0000	0.00000	0.000	0.000	
	E-300	0	0.0000	0.0000	0.0000	0.00000	0.000	0.000	

E-300 Formula used: ACFM/SCFM = [Standard Density at sea level (0.075 lb/ft³)/Actual density(data logger)]

Total flow formula used: ACFM/SCFM = [Standard Density at sea level (0.075 lb/ft³)/[Actual density (CMS)]]

**** Corrected X 1.4004

Handwritten notes:
2/10/11