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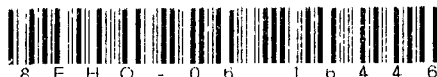
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DuPont Haskell Global Centers  
for Health and Environmental Sciences  
1090 Elkton Road, P.O. Box 50  
Newark, DE 19714-0050

January 15, 2009

**Via Federal Express**

Document Processing Center (Mail Code 7407M)  
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Attention: 8(e) Coordinator  
Office of Pollution Prevention and Toxics  
U.S. Environmental Protection Agency  
1201 Constitution Ave., NW  
Washington, DC 20004



Dear 8(e) Coordinator:

**Re: 8EHQ-06-16446  
Perfluorooctanoate Anion (PFOA)  
Updated Occupational Serum Sampling  
Experimental Station, Wilmington, Delaware**

Please find attached occupational PFOA serum sampling results for workers at the above referenced DuPont site for 2008. The levels of PFOA reported with this submission are generally corroborative of previously reported levels in an occupational setting. This information is provided to the TSCA 8(e) office in view of the Agency's continued interest in perfluorinated substances and as a precautionary measure.

Sincerely,

A. Michael Kaplan, Ph.D.  
Director - Regulatory Affairs

AMK/BJD/JLC: clp  
(302) 366-5260

Attachment (4 pages)



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DuPont Company  
Experimental Station, Wilmington, Delaware  
Summary of Serum PFOA Monitoring Results  
Samples Collected in November 2008

	<b>Samples Collected in November 2008</b>		
	<b>Group 1</b>	<b>Group 2</b>	<b>Group 3</b>
<b>Number of Samples</b>	12	3	6
<b>Average (ppb)</b>	421	20	324
<b>Median (ppb)</b>	193	18	207
<b>Minimum (ppb)</b>	10	5	8
<b>Maximum (ppb)</b>	1480	38	1270
<b>Standard Deviation</b>	525	17	475

DuPont Company  
 Experimental Station, Wilmington, Delaware  
 Serum PFOA Monitoring Results - Group 1  
 Samples Collected in November 2008

	Sample Collection Time Period		
	2007	Apr 2008	Nov 2008
Sample Number	Results* (ppb)	Results** (ppb)	Results (ppb)
1	23	7	53
2		83	78
3		1109	1350
4	1480	679	1480
5	112	144	196
6		17	12
7		6	10
8	1780	78	190
9		14	25
10	638	545	719
11			693
12	54	225	249
<b>Number of Samples</b>	6	11	12
<b>Average</b>	681	264	421
<b>Median</b>	375	83	193
<b>Minimum</b>	23	6	10
<b>Maximum</b>	1780	1109	1480
<b>Standard Deviation</b>	774	361	525
<b>Analytical Laboratory</b>	Axys	MPI	Axys
<p>*Each sample was originally analyzed by Exygen (now MPI). Due to quality control issues, the samples were reanalyzed by Axys laboratory. The Axys results are reported above. The Exygen results for these same samples ranged from 19-1910 ppb, with an average of 543 ppb, and can be provided upon EPA request.</p>			
<p>**These samples were analyzed by MPI. Results are provided but, because of quality control issues, another round of samples was collected in November 2008 and analyzed by Axys.</p>			
<p>Note: Results for 2007 are provided only in cases where subsequent sampling occurred.</p>			

DuPont Company  
 Experimental Station, Wilmington, Delaware  
 Serum PFOA Monitoring Results - Group 2  
 Samples Collected November 2008

	Sample Collection Time Period		
	2007	Apr 2008	Nov 2008
Sample Number	Results* (ppb)	Results** (ppb)	Results (ppb)
1	5	5	5
2	47	41	38
3		7	18
<b>Number of Samples</b>	2	3	3
<b>Average</b>	26	18	20
<b>Median</b>	26	7	18
<b>Minimum</b>	5	5	5
<b>Maximum</b>	47	41	38
<b>Standard Deviation</b>	30	20	17
<b>Analytical Laboratory</b>	Axys	MPI	Axys
<p>*Each sample was originally analyzed by Exygen (now MPI). Due to quality control issues, the samples were reanalyzed by Axys laboratory. The Axys results are reported above. The Exygen results for these same samples ranged from 5-50 ppb, with an average of 27.5 ppb, and can be provided upon EPA request.</p>			
<p>**These samples were analyzed by MPI. Results are provided but, because of quality control issues, another round of samples was collected in November 2008 and analyzed by Axys.</p>			
<p>Note: Results for 2007 are provided only in cases where subsequent sampling occurred.</p>			

DuPont Company  
 Experimental Station, Wilmington, Delaware  
 Serum PFOA Monitoring Results - Group 3  
 Samples Collected in November 2008

	Sample Collection Time Period		
	2007	Apr 2008	Nov 2008
Sample Number	Results* (ppb)	Results** (ppb)	Results (ppb)
1		137	244
2		99	186
3	1330	5	1270
4	201	140	227
5		7	8
6		10	11
<b>Number of Samples</b>	2	6	6
<b>Average</b>	766	66	324
<b>Median</b>	766	55	207
<b>Minimum</b>	201	5	8
<b>Maximum</b>	1330	140	1270
<b>Standard Deviation</b>	798	66	475
<b>Analytical Laboratory</b>	Axys	MPI	Axys
<p>*Each sample was originally analyzed by Exygen (now MPI). Due to quality control issues, the samples were reanalyzed by Axys laboratory. The Axys results are reported above. The Exygen results for these same samples ranged from 276-1920 ppb, with an average of 1098 ppb, and can be provided upon EPA request.</p>			
<p>**These samples were analyzed by MPI. Results are provided but, because of quality control issues, another round of samples was collected in November 2008 and analyzed by Axys.</p>			
<p>Note: Results for 2007 are provided only in cases where subsequent sampling occurred.</p>			

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