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8EHQ-0109-16446
AR226-3877DuPont 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)
Room 6428
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

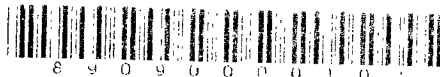
Please find attached occupational PFOA serum sampling results for workers at the above referenced DuPont site for 2008. The levels of PFOA reported with this submission are generally corroborative of previously reported levels in an occupational setting. This information is provided to the TSCA 8(e) 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)

**CONTAINS NO CBI****Contains No CBI**

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

	Samples Collected in November 2008		
	Group 1	Group 2	Group 3
Number of Samples	12	3	6
Average (ppb)	421	20	324
Median (ppb)	193	18	207
Minimum (ppb)	10	5	8
Maximum (ppb)	1480	38	1270
Standard Deviation	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
Number of Samples	6	11	12
Average	681	264	421
Median	375	83	193
Minimum	23	6	10
Maximum	1780	1109	1480
Standard Deviation	774	361	525
Analytical Laboratory	Axys	MPI	Axys
*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. **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. Note: Results for 2007 are provided only in cases where subsequent sampling occurred.			

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
Number of Samples	2	3	3
Average	26	18	20
Median	26	7	18
Minimum	5	5	5
Maximum	47	41	38
Standard Deviation	30	20	17
Analytical Laboratory	Axys	MPI	Axys
*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.			
**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.			
Note: Results for 2007 are provided only in cases where subsequent sampling occurred.			

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
Number of Samples	2	6	6
Average	766	66	324
Median	766	55	207
Minimum	201	5	8
Maximum	1330	140	1270
Standard Deviation	798	66	475
Analytical Laboratory	Axys	MPI	Axys
*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.			
**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.			
Note: Results for 2007 are provided only in cases where subsequent sampling occurred.			