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

December 10, 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~~/8EHQ-06-16663
Perfluorooctanoate Anion (PFOA)
Occupational Serum Sampling
DuPont Performance Elastomers
Chambers Works Facility, Deepwater, New Jersey

Please find attached occupational PFOA serum sampling results for workers at the above referenced DuPont site for samples collected in October 2009. 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

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

AMK/JLC: clp
 (302) 366-5260

Attachment (3 pages)



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DuPont Company
Performance Elastomers
Chambers Works,
Deepwater, NJ
Serum Perfluorooctanoate Anion (PFOA) Results

Sample ID Number	Current Exposure Group	Results for Samples Collected March 2006	Results for Samples Collected Sept/Oct 2007	Results for Samples Collected March 2009	Results for Samples Collected Oct. 2009
30000	O			49	
30001	O		271	237	
30002	O				
30004	O		4	4	
30005	O	444	185	233	
30006	O	615	303	250	
30007	O		6	5	
30008	O	16	22	20	
30009	O			134	
30010	O	64	36	18	
30011	O		358	258	
30012	O				
30013	O		55	58	
30014	O		16	19	
30015	O		78	73	
30016	O		25	33	
30017	O		1230	1370	
30018	O		668		
30019	O		21		
30020	O		16	21	
30021	O				
30022	L		1610		
30023	L		624	553	
30024	L		1600	119	
30025	L		1215	881	
30026	L		1585		
30027	L		399	262	
30028	L		1570	2300	2235
30029	L		1970	1950	
30030	M			46	
30031	M	1620			
30032	M		522	473	
30033	M	458	281	285	
30034	M		236	106	
30035	M		46	74	
30036	M		77	122	
30037	M		187		
30038	M		55	56	
30039	O				
30040	P	128			
30041	P				
30042	P		305	147	
30043	P	1480			
30045	P	1280			
30046	P	2990	1440	1250	
30047	P	4380	1850	1050	
30048	P	6330			
30049	P		2990	2680	
30050	P	167	100	40	
30051	P	1640	3220	2535	2260
30052	P	1700	4090	3220	3990
30053	P		143	170	
30054	P		1990	980	
30055	P		192	225	
30056	P		162	246	
30057	P		4400	3880	3560
30058	P		2870	1740	
30059	P		633	236	
30060	O			630	
30061	P	583			
30062	P			222	
30063	P				
30064	P	316	275	215	
30065	P			28	

P=Production
M=Maintenance
L=Laboratonan
O=Other (Administration, Technology Personnel or Outside Designated Exposure Groups)

All Production Group Oct 2009 Sample Result Statistics

Number of Samples	3
Average (ppb)	3270
Median (ppb)	3560
Max (ppb)	3990
Min (ppb)	2260
Std Dev (ppb)	901

All Laboratory Group Oct. 2009 Sample Result Statistics

Number of Samples	1
Average (ppb)	2235
Median (ppb)	2235
Max (ppb)	2235
Min (ppb)	2235
Std Dev (ppb)	N/A

Results rounded to the nearest whole number
Results are expressed in parts per billion (ppb)

2006 Samples Analyzed by Exygen Laboratory, State College, PA
2007 to 2009 Samples Analyzed by Axys Analytical Ltd.
Sidney, British Columbia, Canada
Limit of Quantitation = 0.5 ppb

DuPont Company
Performance Elastomers
Chambers Works
Deepwater, NJ
Serum Perfluorooctanoate Anion (PFOA) Results - Production Group

Sample ID Number	Current Exposure Group	Results for Samples Collected March 2006	Results for Samples Collected Sept/Oct 2007	Results for Samples Collected March 2009	Results for Samples Collected Oct. 2009
30040	P	128			
30041	P				
30042	P		305	147	
30043	P	1480			
30045	P	1280			
30046	P	2990	1440	1250	
30047	P	4380	1850	1050	
30048	P	6330			
30049	P		2990	2680	
30050	P	167	100	40	
30051	P	1640	3220	2535	2260
30052	P	1700	4090	3220	3990
30053	P		143	170	
30054	P		1990	980	
30055	P		192	225	
30056	P		162	246	
30057	P		4400	3880	3560
30058	P		2870	1740	
30059	P		633	236	
30061	P	583			
30062	P			222	
30063	P				
30064	P	316	275	215	
30065	P			28	
Number of Samples		11	15	17	3
Average (ppb)		1909	1644	1110	3270
Median (ppb)		1480	1440	246	3560
Max (ppb)		6330	4400	3880	3990
Min (ppb)		128	100	28	2260
Std Dev (ppb)		1950	1540	1252	901

Results rounded to the nearest whole number.

Results are expressed in parts per billion (ppb).

DuPont Company
Performance Elastomers
Chambers Works
Deepwater, NJ
Serum Perfluorooctanoate Anion (PFOA) Results - Laboratorian Group

Sample ID Number	Current Exposure Group	Results for Samples Collected March 2006	Results for Samples Collected Sept/Oct 2007	Results for Samples Collected March 2009	Results for Samples Collected Oct. 2009
30022	L		1610		
30023	L		624	553	
30024	L		1600	119	
30025	L		1215	881	
30026	L		1585		
30027	L		399	262	
30028	L		1570	2300	2235
30029	L		1970	1950	
Number of Samples			8	6	1
Average (ppb)			1322	1011	2235
Median (ppb)			1578	717	2235
Max (ppb)			1970	2300	2235
Min (ppb)			399	119	2235
Std Dev (ppb)			543	908	N/A

Results rounded to the nearest whole number.
Results are expressed in parts per billion (ppb).