



DuPont Haskell Laboratory
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VIA FEDERAL EXPRESS

TSCA Document Processing Center (7407M)
EPA East – Room 6428
Attn: Section 8(e)
U.S. Environmental Protection Agency
1201 Constitution Avenue, NW
Washington, D.C. 20004-3302
Phone: 202-564-8940

CONTAIN NO CBI



Dear Section 8(e) Coordinator:

**Re: Perfluorooctanoic Acid (PFOA)
Updated Occupational Serum Sampling Results
Chambers Works Facility, Deepwater, New Jersey**

This submission provides updated PFOA serum sampling results for workers at the DuPont Chambers Works facility in Deepwater, New Jersey.

The 2006 sampling results are corroborative of previously reported worker levels. While DuPont does not believe the information provided in this submission is substantial risk information reportable under TSCA 8(e), DuPont is submitting the information to the TSCA 8(e) office in view of the Agency's continued interest in perfluorinated substances.

Sincerely,

A. Michael Kaplan, Ph.D.
Director – Regulatory Affairs and Occupational Health

(302) 366-5260

Attachments (6 pages)



300537

DuPont Company
 Chambers Works, Deepwater, NJ
 Results of Serum PFOA Monitoring
 2006 Summary

	Number of Samples	Average (ppb)	Median (ppb)	Minimum (ppb)	Maximum (ppb)	Standard Deviation
Performance Chemicals	72	141	52	2	861	181
Performance Elastomers	16	1252	615	16	6330	1716
Workers not assigned to Performance Chemicals or Performance Elastomers	165	34	15	2	657	61

Samples analyzed by Exygen Research, State College, PA
 Results rounded to nearest whole number

Barbara J. Dawson, CIH, CSP
 November 27, 2006

DuPont Company
 Chambers Works, Deepwater, NJ
 Results of Serum PFOA Monitoring
 2006 Results with Past Results Shown
 DuPont Performance Chemicals

Sample Number	2002 (ppb)	2/2004 (ppb)	10-11/04 (ppb)	Fall 2005 (ppb)	Spring 2006 (ppb)
1	210	188	no sample	no sample	166
2	no sample	38	no sample	no sample	36
3	no sample	no sample	no sample	no sample	29
4	no sample	no sample	no sample	no sample	11
5	no sample	no sample	no sample	no sample	7
6	127	no sample	no sample	no sample	128
7	83	84	no sample	no sample	27
8	297	441	no sample	no sample	256
9	no sample	no sample	no sample	8	12
10	175	no sample	259	no sample	117
11	1130	1200	no sample	no sample	861
12	no sample	13	no sample	no sample	14
13	347	412	no sample	no sample	306
14	168	174	no sample	no sample	127
15	277	241	no sample	no sample	129
16	no sample	no sample	no sample	no sample	11
17	106	no sample	no sample	no sample	84
18	91	no sample	no sample	no sample	49
19	no sample	no sample	no sample	no sample	42
20	no sample	224	no sample	no sample	355
21	no sample	154	no sample	no sample	313
22	no sample	141	no sample	no sample	108
23	no sample	266	no sample	no sample	369
24	no sample	no sample	no sample	no sample	167
25	no sample	163	no sample	no sample	167
26	no sample	86	no sample	no sample	109
27	no sample	no sample	no sample	no sample	186
28	no sample	44	no sample	no sample	46
29	no sample	159	no sample	no sample	160
30	no sample	148	no sample	no sample	150
31	no sample	no sample	no sample	no sample	45
32	no sample	no sample	no sample	no sample	318
33	no sample	no sample	no sample	no sample	249
34	no sample	no sample	no sample	no sample	34
35	no sample	no sample	no sample	no sample	20
36	no sample	no sample	no sample	no sample	37
37	no sample	no sample	49	no sample	51
38	no sample	35	no sample	no sample	31
39	no sample	no sample	no sample	no sample	40
40	no sample	no sample	46	no sample	53
41	no sample	no sample	119	no sample	196
42	no sample	no sample	10	no sample	42
43	no sample	no sample	no sample	no sample	319
44	no sample	no sample	no sample	no sample	715
45	no sample	no sample	no sample	no sample	184
46	no sample	no sample	no sample	no sample	297
47	no sample	no sample	no sample	no sample	611
48	no sample	no sample	16	no sample	106
49	no sample	720	no sample	no sample	748

Samples analyzed by Exygen Research, State College, PA
 Results rounded to nearest whole number
 Past results shown only for workers with 2006 results

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 2006 Results with Past Results Shown
 DuPont Performance Chemicals

Sample Number	2002 (ppb)	2/2004 (ppb)	10-11/04 (ppb)	Fall 2005 (ppb)	Spring 2006 (ppb)
50	no sample	300	no sample	no sample	251
51	no sample	185	no sample	no sample	190
52	no sample	no sample	no sample	no sample	355
53	no sample	no sample	no sample	181	181
54	no sample	no sample	no sample	no sample	4
55	no sample	no sample	no sample	no sample	64
56	no sample	14	no sample	no sample	20
57	no sample	no sample	14	no sample	8
58	no sample	no sample	no sample	no sample	18
59	no sample	no sample	no sample	no sample	26
60	no sample	no sample	no sample	no sample	6
61	no sample	no sample	no sample	15	9
62	no sample	no sample	no sample	no sample	7
63	no sample	11	no sample	no sample	48
64	no sample	no sample	no sample	no sample	2
65	no sample	no sample	no sample	35	10
66	313	no sample	no sample	no sample	252
67	no sample	684	31	no sample	27
68	no sample	no sample	no sample	no sample	7
69	no sample	no sample	no sample	no sample	16
70	no sample	no sample	no sample	18	14
71	no sample	no sample	no sample	18	11
72	< 50	no sample	no sample	no sample	15
Number of Samples	12	25	8	6	72
Average	277	245	68	46	141
Median	193	163	39	18	52
Minimum	83	11	10	8	2
Maximum	1130	1200	259	181	861
Std Dev	284	274	85	67	181

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DuPont Company
Chambers Works, Deepwater, NJ
Results of Serum PFOA Monitoring
2006 Results with Past Results Shown

Workers not assigned to Performance Chemicals or Performance Elastomers

Sample Number	2002 (ppb)	2/2004 (ppb)	Fall 2005 (ppb)	Spring 2006 (ppb)
73	no sample	no sample	no sample	6
74	no sample	no sample	no sample	9
75	no sample	no sample	no sample	11
76	no sample	13	no sample	13
77	no sample	8	no sample	9
78	no sample	no sample	no sample	2
79	no sample	no sample	no sample	8
80	no sample	no sample	no sample	5
81	no sample	no sample	no sample	5
82	no sample	no sample	no sample	7
83	no sample	no sample	no sample	14
84	no sample	no sample	no sample	9
85	no sample	12	no sample	8
86	no sample	no sample	no sample	8
87	no sample	8	no sample	6
88	no sample	no sample	no sample	5
89	no sample	no sample	no sample	4
90	no sample	8	no sample	7
91	no sample	no sample	no sample	46
92	no sample	4	no sample	3
93	no sample	no sample	no sample	9
94	no sample	no sample	no sample	7
95	no sample	no sample	no sample	16
96	no sample	no sample	no sample	10
97	no sample	no sample	no sample	13
98	no sample	no sample	no sample	5
99	no sample	no sample	no sample	6
100	no sample	no sample	11	6
101	no sample	no sample	no sample	6
102	no sample	no sample	no sample	8
103	no sample	6	no sample	8
104	53	57	no sample	32
105	no sample	no sample	no sample	191
106	125	115	no sample	103
107	no sample	no sample	no sample	5
108	no sample	no sample	no sample	30
109	< 50	no sample	no sample	23
110	< 50	no sample	no sample	10
111	no sample	no sample	no sample	18
112	56	no sample	no sample	31
113	no sample	no sample	no sample	15
114	no sample	no sample	no sample	10
115	< 50	no sample	no sample	7
116	no sample	no sample	no sample	14
117	no sample	no sample	no sample	15
118	88	no sample	no sample	63
119	no sample	8	no sample	8
120	51	no sample	no sample	16
121	no sample	no sample	no sample	8
122	no sample	18	no sample	14
123	no sample	27	no sample	18
124	< 50	no sample	no sample	24
125	< 50	no sample	no sample	30
126	< 50	no sample	no sample	5
127	< 50	no sample	no sample	12
128	< 50	no sample	no sample	15

Sample Number	2002 (ppb)	2/2004 (ppb)	Fall 2005 (ppb)	Spring 2006 (ppb)
129	no sample	no sample	no sample	11
130	no sample	no sample	no sample	3
131	no sample	no sample	no sample	29
132	no sample	no sample	no sample	5
133	no sample	no sample	no sample	9
134	no sample	no sample	no sample	9
135	no sample	no sample	no sample	10
136	no sample	no sample	no sample	14
137	no sample	no sample	no sample	77
138	no sample	12	no sample	8
139	no sample	no sample	no sample	12
140	no sample	5	no sample	4
141	no sample	12	no sample	11
142	no sample	111	no sample	81
143	no sample	no sample	no sample	4
144	no sample	no sample	no sample	6
145	no sample	no sample	no sample	12
146	no sample	79	no sample	40
147	no sample	no sample	no sample	25
148	no sample	no sample	no sample	140
149	no sample	no sample	no sample	13
150	no sample	no sample	no sample	7
151	no sample	no sample	no sample	36
152	no sample	no sample	no sample	119
153	no sample	no sample	no sample	15
154	no sample	no sample	no sample	657
155	no sample	40	no sample	47
156	no sample	no sample	no sample	18
157	no sample	no sample	no sample	23
158	no sample	40	no sample	32
159	no sample	193	no sample	149
160	no sample	49	no sample	74
161	no sample	134	no sample	112
162	no sample	no sample	no sample	92
163	no sample	no sample	no sample	26
164	no sample	no sample	no sample	49
165	no sample	no sample	no sample	174
166	no sample	no sample	no sample	15
167	no sample	no sample	no sample	15
168	no sample	no sample	no sample	20
169	no sample	no sample	no sample	17
170	no sample	no sample	no sample	29
171	no sample	no sample	no sample	32
172	no sample	no sample	no sample	32
173	no sample	no sample	no sample	16
174	no sample	no sample	no sample	6
175	no sample	48	no sample	62
176	no sample	no sample	no sample	64
177	no sample	no sample	no sample	12
178	no sample	no sample	no sample	15
179	no sample	17	no sample	17
180	no sample	13	no sample	7
181	no sample	no sample	no sample	12
182	no sample	79	no sample	39
183	no sample	17	no sample	14
184	no sample	74	no sample	36

Samples analyzed by Exygen Research, State College, PA
Results rounded to nearest whole number
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Workers not assigned to Performance Chemicals or Performance Elastomers

Sample Number	2002 (ppb)	2/2004 (ppb)	Fall 2005 (ppb)	Spring 2006 (ppb)
185	no sample	143	no sample	127
186	no sample	16	no sample	11
187	no sample	no sample	no sample	41
188	no sample	no sample	no sample	39
189	no sample	no sample	no sample	211
190	no sample	no sample	67	58
191	no sample	no sample	no sample	9
192	no sample	no sample	no sample	25
193	no sample	no sample	no sample	66
194	no sample	no sample	no sample	31
195	no sample	no sample	no sample	17
196	no sample	no sample	no sample	22
197	no sample	no sample	no sample	62
198	no sample	no sample	no sample	13
199	no sample	no sample	no sample	11
200	no sample	no sample	no sample	13
201	no sample	no sample	no sample	55
202	no sample	no sample	no sample	9
203	no sample	no sample	no sample	109
204	no sample	no sample	no sample	22
205	no sample	no sample	no sample	7
206	no sample	no sample	no sample	18
207	no sample	no sample	no sample	31
208	no sample	no sample	no sample	9
209	no sample	no sample	no sample	9
210	no sample	no sample	no sample	137
211	no sample	no sample	no sample	10
212	no sample	no sample	no sample	16
213	no sample	no sample	no sample	101
214	no sample	no sample	no sample	20
215	no sample	no sample	no sample	14
216	no sample	no sample	no sample	18
217	no sample	no sample	no sample	15
218	no sample	no sample	no sample	42
219	no sample	no sample	no sample	83
220	no sample	no sample	no sample	10
221	no sample	no sample	no sample	15
222	no sample	no sample	no sample	8
223	no sample	23	no sample	58
224	no sample	21	no sample	14
225	no sample	no sample	no sample	66
226	no sample	no sample	no sample	48
227	no sample	no sample	no sample	77
228	no sample	no sample	no sample	12
229	no sample	no sample	no sample	41
230	no sample	no sample	no sample	36
231	no sample	no sample	no sample	23
232	no sample	no sample	no sample	83
233	no sample	no sample	no sample	7
234	no sample	4	no sample	3
235	no sample	no sample	no sample	7
236	no sample	no sample	no sample	7
237	no sample	no sample	no sample	15

Sample Number	2002 (ppb)	2/2004 (ppb)	Fall 2005 (ppb)	Spring 2006 (ppb)
Number of Samples	5	33	2	165
Average	75	43	39	34
Median	56	18	39	15
Minimum	51	4	11	2
Maximum	125	193	67	657
Std Dev	32	48	40	61

Samples analyzed by Exygen Research, State College, PA
Results rounded to nearest whole number
Past results shown only for workers with 2006 results

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Sample Number	2/2004 (ppb)	Spring 2006 (ppb)
238	no sample	4380
239	1280	2990
240	no sample	1480
241	no sample	128
242	no sample	1280
243	no sample	583
244	no sample	6330
245	no sample	1640
246	no sample	1700
247	no sample	1820
248	580	457
249	no sample	316
250	no sample	167
251	no sample	444
252	no sample	615
253	no sample	64
254	no sample	16
Number of Samples	2	16
Average	930	1252
Median	930	615
Minimum	580	16
Maximum	1280	6330
Std Dev	495	1716

Samples analyzed by Exygen Research, State College, PA
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