

159 PP

AR226-3460

000487

DATA SUMMARY

Chemical: Perfluorooctanoic Acid

Site: Washington Works, Parkersburg, West Virginia

Date of Monitoring: 1979

Matrix: PFOA in Whole Blood

Operation: Teflon®

Job Title	Number Sampled	Minimum Concentration (ppm)	Mean (ppm)	Median (ppm)	Maximum Concentration (ppm)	Standard Deviation
Entire Cohort	72	0.1	4.99	2.8	28.4	6.24
Males	72	0.1	4.99	2.8	28.4	6.24
Females	0	-	-	-	-	-
Operators	61	0.1	5.74	3.9	28.4	6.48
Males	61	0.1	5.74	3.9	28.4	6.48
Females	0	-	-	-	-	-
Mechanics	5	0.6	0.71	0.65	0.9	0.13
Males	5	0.6	0.71	0.65	0.9	0.13
Females	0	-	-	-	-	-
Laboratorians	2	0.31	0.52	0.52	0.72	0.29
Males	2	0.31	0.52	0.52	0.72	0.29
Females	0	-	-	-	-	-
Supervision	4	0.53	1.14	0.72	2.6	0.99
Males	4	0.53	1.14	0.72	2.6	0.99
Females	0	-	-	-	-	-

Comments:

- Samples analyzed by National Medical Services
- Data extracted from WW site database by site industrial hygienist Tony Playtis
- Descriptive statistics calculated using Microsoft Excel
- Operation indicates work assignment of person at time of sample and does not reflect past work history

Prepared by: Barbara J. Dawson, CIH, CSP
Date of Preparation: November 20, 2004

DuPont Company
PFOA in Blood
Washington Works - Teflon - 1979

Operators	Mechanics	Laboratorians	Supervision
Male	Male	Male	Male
0.1	0.6	0.31	0.53
0.22	0.63	0.72	0.55
0.22	0.65		0.88
0.45	0.78		2.6
0.47	0.9		
0.49			
0.5			
0.64			
0.67			
0.67			
0.69			
0.76			
0.9			
0.92			
1.25			
1.3			
1.5			
1.9			
1.9			
2			
2.2			
2.3			
2.5			
2.5			
2.7			
2.8			
2.9			
2.9			
3			
3.8			
3.9			
4.1			
4.5			
4.5			
4.7			
4.9			
5			
5			
5.3			
5.6			
5.9			
6.2			
6.3			
6.4			
6.8			

DuPont Company
PFOA in Blood
Washington Works - Teflon - 1979

Entire Teflon Cohort
0.1
0.22
0.22
0.31
0.45
0.47
0.49
0.5
0.53
0.55
0.6
0.63
0.64
0.65
0.67
0.67
0.69
0.72
0.76
0.78
0.88
0.9
0.9
0.92
1.25
1.3
1.5
1.9
1.9
2
2.2
2.3
2.5
2.5
2.6
2.7
2.8
2.9
2.9
3
3.8
3.9
4.1
4.5
4.5
4.7
4.9
5
5
5.3
5.6
5.9

From Washington Works FLAIR Database

Prepared November 20, 2004
Barbara J. Dawson, CIH, CSP

000490

DuPont Company
PFOA in Blood
Washington Works - Teflon - 1979

Entire Teflon Cohort	
	6.2
	6.3
	6.4
	6.8
	7.18
	7.2
	7.6
	8.5
	8.8
	8.8
	10.1
	10.6
	11.1
	11.5
	16.4
	17.6
	21.6
	24.2
	26.6
	28.4
Count	72
Average	4.99
Standard Deviation	6.24
Median	2.8

DuPont Company
PFOA in Blood
Washington Works - Teflon - 1979

Operators	Mechanics	Laboratorians	Supervision	
Male	Male	Male	Male	
7.18				
7.2				
7.6				
8.5				
8.8				
8.8				
10.1				
10.6				
11.1				
11.5				
16.4				
17.6				
21.6				
24.2				
26.6				
28.4				
61	5	2	4	Count
5.74	0.71	0.52	1.14	Average
6.48	0.13	0.29	0.99	Standard
3.9	0.65	0.52	0.72	Deviation
				Median

DATA SUMMARY

Chemical: Perfluorooctanoic Acid

Site: Washington Works, Parkersburg, West Virginia

Date of Monitoring: 1979

Matrix: PFOA in Whole Blood

Operation: Non-Teflon®

Job Title	Number Sampled	Minimum Concentration (ppm)	Mean (ppm)	Median (ppm)	Maximum Concentration (ppm)	Standard Deviation
Entire Cohort	8	0.28	0.57	0.58	0.92	0.25
Males	8	0.28	0.57	0.58	0.92	0.25
Females	0	-	-	-	-	-
Operators	0	-	-	-	-	-
Males	0	-	-	-	-	-
Females	0	-	-	-	-	-
Mechanics	0	-	-	-	-	-
Males	0	-	-	-	-	-
Females	0	-	-	-	-	-
Laboratorians	8	0.28	0.57	0.58	0.92	0.25
Males	8	0.28	0.57	0.58	0.92	0.25
Females	0	-	-	-	-	-
Supervision	0	-	-	-	-	-
Males	0	-	-	-	-	-
Females	0	-	-	-	-	-

Comments:

- Samples analyzed by National Medical Services
- Data extracted from WW site database by site industrial hygienist Tony Playtis
- Descriptive statistics calculated using Microsoft Excel
- Operation indicates work assignment of person at time of sample and does not reflect past work history

Prepared by: Barbara J. Dawson, CIH, CSP
Date of Preparation: November 20, 2004

000493

DuPont Company
PFOA in Blood
Washington Works - Non-Teflon - 1979

	Non-Teflon
	Laboratorian
	Male
	0.28
	0.31
	0.38
	0.56
	0.59
	0.64
	0.9
	0.92
Count	8
Average	0.57
Standard	
Deviation	0.25
Median	0.58

DATA SUMMARY

Chemical: Perfluorooctanoic Acid

Site: Washington Works, Parkersburg, West Virginia

Date of Monitoring: 1980

Matrix: PFOA in Whole Blood

Operation: Teflon®

Job Title	Number Sampled	Minimum Concentration (ppm)	Mean (ppm)	Median (ppm)	Maximum Concentration (ppm)	Standard Deviation
Entire Cohort	26	0	5.75	3.85	29	7.80
Males	20	0.04	6.93	4.45	29	8.48
Females	6	0	1.82	0.22	5.6	2.58
Operators	20	0	7.43	5.2	29	8.20
Males	16	0.04	8.60	5.95	29	8.73
Females	4	0	2.73	2.66	5.6	2.78
Mechanics	1	0	0	0	0	-
Males	0	-	-	-	-	-
Females	1	0	0	0	0	-
Laboratorians	1	0.24	0.24	0.24	0.24	-
Males	1	0.24	0.24	0.24	0.24	-
Females	0	-	-	-	-	-
Supervision	4	0	0.20	0.21	0.4	0.16
Males	3	0.19	0.27	0.22	0.4	0.11
Females	1	0	0	0	0	-

Comments:

- Samples analyzed by National Medical Services
- Data extracted from WW site database by site industrial hygienist Tony Playtis
- Descriptive statistics calculated using Microsoft Excel
- Operation indicates work assignment of person at time of sample and does not reflect past work history

Prepared by: Barbara J. Dawson, CIH, CSP
Date of Preparation: November 20, 2004

000495

DuPont Company
Washington Works
PFOA in Blood - Teflon - 1980

Operators		Mechanics	Laboratorians	Supervision	
Male	Female	Female	Male	Male	Female
0.04	0	0	0.24	0.19	0
0.78	0.72			0.22	
1.2	4.6			0.4	
1.5	5.6				
3.7					
4					
4.9					
5.5					
6.4					
6.6					
7.8					
8.2					
13					
21					
24					
29					
16	4	1	1	3	1
8.60	2.73	0	0.24	0.27	0
8.73	2.78			0.11	
5.95	2.66	0	0.24	0.22	0
					Count
					Average
					Standard
					Deviation
					Median

DuPont Company
PFOA in Blood
Washington Works - Teflon
1980 Summary

	All	All Male	All Female	OperAll	SuperAll
	0	0.04	0	0	0
	0	0.19	0	0.04	0.19
	0	0.22	0	0.72	0.22
	0.04	0.24	0.72	0.78	0.4
	0.19	0.4	4.6	1.2	
	0.22	0.78	5.6	1.5	
	0.24	1.2		3.7	
	0.4	1.5		4	
	0.72	3.7		4.6	
	0.78	4		4.9	
	1.2	4.9		5.5	
	1.5	5.5		5.6	
	3.7	6.4		6.4	
	4	6.6		6.6	
	4.6	7.8		7.8	
	4.9	8.2		8.2	
	5.5	13		13	
	5.6	21		21	
	6.4	24		24	
	6.6	29		29	
	7.8				
	8.2				
	13				
	21				
	24				
	29				
Count	26	20	6	20	4
Average	5.75	6.93	1.82	7.43	0.20
St Dev	7.80	8.48	2.58	8.20	0.16
Median	3.85	4.45	0.205	5.2	0.21

DATA SUMMARY

Chemical: Perfluorooctanoic Acid

Site: Washington Works, Parkersburg, West Virginia

Date of Monitoring: 1980

Matrix: PFOA in Whole Blood

Operation: Non-Teflon®

Job Title	Number Sampled	Minimum Concentration (ppm)	Mean (ppm)	Median (ppm)	Maximum Concentration (ppm)	Standard Deviation
Entire Cohort	2	0.02	0.27	0.27	0.52	0.35
Males	1	0.52	0.52	0.52	0.52	-
Females	1	0.02	0.02	0.02	0.02	-
Operators	0	-	-	-	-	-
Males	0	-	-	-	-	-
Females	1	0.02	0.02	0.02	0.02	-
Mechanics	0	-	-	-	-	-
Males	0	-	-	-	-	-
Females	0	-	-	-	-	-
Laboratorians	0	-	-	-	-	-
Males	0	-	-	-	-	-
Females	0	-	-	-	-	-
Supervision	0	-	-	-	-	-
Males	1	0.52	0.52	0.52	0.52	-
Females	0	-	-	-	-	-

Comments:

- Samples analyzed by National Medical Services
- Data extracted from WW site database by site industrial hygienist Tony Playtis
- Descriptive statistics calculated using Microsoft Excel
- Operation indicates work assignment of person at time of sample and does not reflect past work history

Prepared by: Barbara J. Dawson, CIH, CSP
Date of Preparation: November 20, 2004

000498

DuPont Company
PFOA in Blood
Washington Works - Non-Teflon - 1980

Non-Teflon			
Supervision	Operator		All
Male	Female		0.52
0.52	0.02		0.02
1	1	Count	2
0.52	0.02	Average	0.27
		Standard	
		Deviation	0.35
0.52	0.02	Median	0.27

DATA SUMMARY

Chemical: Perfluorooctanoic Acid

Site: Washington Works, Parkersburg, West Virginia

Date of Monitoring: 1981

Matrix: PFOA in Whole Blood

Operation: Teflon®

Job Title	Number Sampled	Minimum Concentration (ppm)	Mean (ppm)	Median (ppm)	Maximum Concentration (ppm)	Standard Deviation
Entire Cohort	345	0.01	1.16	0.33	33	2.90
Males	297	0.01	1.11	0.32	33	3.05
Females	48	0.03	1.52	0.63	5.1	1.64
Operators	170	0.01	1.95	0.65	33	3.95
Males	136	0.01	1.95	0.62	33	4.34
Females	34	0.03	1.98	1.65	5.1	1.70
Mechanics	60	0.04	0.35	0.21	1.5	0.32
Males	58	0.05	0.36	0.22	1.5	0.32
Females	2	0.04	0.05	0.05	0.05	0.01
Laboratorians	11	0.05	0.19	0.15	0.5	0.13
Males	11	0.05	0.19	0.15	0.5	0.13
Females	0	-	-	-	-	-
Supervision	104	0.01	0.44	0.21	3.4	0.63
Males	92	0.01	0.44	0.21	3.4	0.63
Females	12	0.06	0.44	0.25	2.6	0.70

Comments:

- Samples analyzed by National Medical Services
- Data extracted from WW site database by site industrial hygienist Tony Playtis
- Descriptive statistics calculated using Microsoft Excel
- Operation indicates work assignment of person at time of sample and does not reflect past work history

Prepared by: Barbara J. Dawson, CIH, CSP
Date of Preparation: December 2, 2004

000500

DuPont Company
PFOA in Blood
Washington Works - Teflon - 1981

Operators		Mechanics		Laboratorians	Supervision	
Male	Female	Male	Female	Male	Male	Female
0.01	0.03	0.05	0.04	0.05	0.01	0.06
0.01	0.05	0.06	0.05	0.08	0.03	0.11
0.01	0.11	0.07		0.1	0.03	0.11
0.01	0.13	0.07		0.11	0.03	0.12
0.01	0.19	0.09		0.13	0.03	0.19
0.01	0.19	0.1		0.15	0.03	0.23
0.02	0.2	0.14		0.17	0.04	0.27
0.02	0.27	0.15		0.25	0.05	0.29
0.02	0.59	0.15		0.26	0.05	0.31
0.04	0.59	0.15		0.29	0.05	0.41
0.05	0.62	0.16		0.5	0.06	0.53
0.05	0.64	0.16			0.06	2.6
0.05	0.74	0.17			0.06	
0.05	0.81	0.17			0.07	
0.05	1	0.17			0.07	
0.06	1.3	0.17			0.07	
0.08	1.6	0.17			0.08	
0.08	1.7	0.18			0.08	
0.09	1.7	0.18			0.08	
0.09	2.1	0.19			0.08	
0.1	2.1	0.19			0.08	
0.1	2.4	0.19			0.09	
0.12	2.5	0.19			0.09	
0.12	3.5	0.2			0.1	
0.15	3.5	0.2			0.1	
0.15	3.6	0.21			0.11	
0.15	3.9	0.21			0.11	
0.17	4	0.21			0.12	
0.21	4.3	0.21			0.12	
0.22	4.3	0.22			0.12	
0.24	4.4	0.22			0.12	
0.24	4.5	0.23			0.13	
0.25	4.8	0.24			0.13	
0.26	5.1	0.25			0.14	
0.26		0.26			0.14	
0.27		0.26			0.14	
0.27		0.26			0.14	
0.27		0.32			0.15	
0.3		0.33			0.15	
0.31		0.35			0.16	
0.31		0.43			0.16	
0.32		0.45			0.16	
0.32		0.46			0.18	
0.33		0.52			0.18	
0.33		0.52			0.2	
0.34		0.52			0.2	
0.34		0.58			0.21	
0.34		0.63			0.21	
0.36		0.63			0.21	
0.36		0.75			0.22	

DuPont Company
PFOA in Blood
Washington Works - Teflon - 1981

Operators		Mechanics		Laboratories	Supervision	
Male	Female	Male	Female	Male	Male	Female
0.38		0.78			0.23	
0.41		0.78			0.25	
0.41		0.79			0.26	
0.42		0.8			0.27	
0.43		0.87			0.27	
0.43		1.2			0.28	
0.43		1.3			0.3	
0.43		1.5			0.3	
0.49					0.33	
0.51					0.33	
0.52					0.33	
0.54					0.34	
0.54					0.36	
0.59					0.39	
0.6					0.4	
0.61					0.4	
0.61					0.42	
0.61					0.44	
0.62					0.45	
0.62					0.46	
0.64					0.48	
0.64					0.49	
0.64					0.5	
0.65					0.51	
0.65					0.55	
0.71					0.65	
0.71					0.81	
0.75					0.91	
0.76					0.95	
0.8					0.98	
0.82					1	
0.86					1.1	
0.88					1.1	
0.9					1.2	
0.92					1.4	
0.93					1.5	
0.98					1.7	
1					2	
1					2.1	
1.1					2.4	
1.1					2.8	
1.2					3.4	
1.2						
1.2						
1.3						
1.3						
1.3						
1.31						
1.4						
1.5						

'Washington Works - Teflon - 1981

Operators		Mechanics		Laboratorians	Supervision		
Male	Female	Male	Female	Male	Male	Female	
1.5							
1.6							
1.7							
1.8							
1.8							
2.1							
2.2							
2.5							
2.5							
2.5							
2.6							
2.6							
2.8							
3							
3.3							
3.6							
3.6							
4.1							
4.2							
4.2							
4.3							
4.5							
4.8							
4.9							
5.3							
5.8							
6.5							
6.9							
7.5							
8.2							
9.1							
9.4							
9.6							
11							
32							
33							
136	34	58	2	11	92	12	Count
1.95	1.98	0.36	0.05	0.19	0.44	0.44	Average
4.34	1.70	0.32	0.01	0.13	0.63	0.70	Std Dev
0.62	1.65	0.22	0.05	0.15	0.21	0.25	Median

DuPont Company
PFOA in Blood
Washington Works - Teflon
1981 Summary

All	All Male	All Female	All Operator	All Mechanics	All Supervision
0.01	0.01	0.03	0.01	0.04	0.01
0.01	0.01	0.04	0.01	0.05	0.03
0.01	0.01	0.05	0.01	0.05	0.03
0.01	0.01	0.05	0.01	0.06	0.03
0.01	0.01	0.06	0.01	0.07	0.03
0.01	0.01	0.11	0.01	0.07	0.03
0.01	0.01	0.11	0.02	0.09	0.04
0.02	0.02	0.11	0.02	0.1	0.05
0.02	0.02	0.12	0.02	0.14	0.05
0.02	0.02	0.13	0.03	0.15	0.05
0.03	0.03	0.19	0.04	0.15	0.06
0.03	0.03	0.19	0.05	0.15	0.06
0.03	0.03	0.19	0.05	0.16	0.06
0.03	0.03	0.2	0.05	0.16	0.06
0.03	0.03	0.23	0.05	0.17	0.07
0.03	0.04	0.27	0.05	0.17	0.07
0.04	0.04	0.27	0.05	0.17	0.07
0.04	0.05	0.29	0.06	0.17	0.08
0.04	0.05	0.31	0.08	0.17	0.08
0.05	0.05	0.41	0.08	0.18	0.08
0.05	0.05	0.53	0.09	0.18	0.08
0.05	0.05	0.59	0.09	0.19	0.08
0.05	0.05	0.59	0.1	0.19	0.09
0.05	0.05	0.62	0.1	0.19	0.09
0.05	0.05	0.64	0.11	0.19	0.1
0.05	0.05	0.74	0.12	0.2	0.1
0.05	0.05	0.81	0.12	0.2	0.11
0.05	0.06	1	0.13	0.21	0.11
0.05	0.06	1.3	0.15	0.21	0.11
0.05	0.06	1.6	0.15	0.21	0.11
0.05	0.06	1.7	0.15	0.21	0.12
0.06	0.06	1.7	0.17	0.22	0.12
0.06	0.07	2.1	0.19	0.22	0.12
0.06	0.07	2.1	0.19	0.23	0.12
0.06	0.07	2.4	0.2	0.24	0.12
0.06	0.07	2.5	0.21	0.25	0.13
0.06	0.07	2.6	0.22	0.26	0.13
0.07	0.08	3.5	0.24	0.26	0.14
0.07	0.08	3.5	0.24	0.26	0.14
0.07	0.08	3.6	0.25	0.32	0.14
0.07	0.08	3.9	0.26	0.33	0.14
0.07	0.08	4	0.26	0.35	0.15
0.08	0.08	4.3	0.27	0.43	0.15
0.08	0.08	4.3	0.27	0.45	0.16
0.08	0.08	4.4	0.27	0.46	0.16
0.08	0.09	4.5	0.27	0.52	0.16
0.08	0.09	4.8	0.3	0.52	0.18

DuPont Company
PFOA in Blood
Washington Works - Teflon
1981 Summary

All	All Male	All Female	All Operator	All Mechanics	All Supervision
0.08	0.09	5.1	0.31	0.52	0.18
0.08	0.09		0.31	0.58	0.19
0.08	0.09		0.32	0.63	0.2
0.09	0.1		0.32	0.63	0.2
0.09	0.1		0.33	0.75	0.21
0.09	0.1		0.33	0.78	0.21
0.09	0.1		0.34	0.78	0.21
0.09	0.1		0.34	0.79	0.22
0.1	0.1		0.34	0.8	0.23
0.1	0.11		0.36	0.87	0.23
0.1	0.11		0.36	1.2	0.25
0.1	0.11		0.38	1.3	0.26
0.1	0.12		0.41	1.5	0.27
0.1	0.12		0.41		0.27
0.11	0.12		0.42		0.27
0.11	0.12		0.43		0.28
0.11	0.12		0.43		0.29
0.11	0.12		0.43		0.3
0.11	0.13		0.43		0.3
0.11	0.13		0.49		0.31
0.12	0.13		0.51		0.33
0.12	0.14		0.52		0.33
0.12	0.14		0.54		0.33
0.12	0.14		0.54		0.34
0.12	0.14		0.59		0.36
0.12	0.14		0.59		0.39
0.12	0.15		0.59		0.4
0.13	0.15		0.6		0.4
0.13	0.15		0.61		0.41
0.13	0.15		0.61		0.42
0.13	0.15		0.61		0.44
0.14	0.15		0.62		0.45
0.14	0.15		0.62		0.46
0.14	0.15		0.62		0.48
0.14	0.15		0.64		0.49
0.14	0.16		0.64		0.5
0.15	0.16		0.64		0.51
0.15	0.16		0.64		0.53
0.15	0.16		0.65		0.55
0.15	0.16		0.65		0.65
0.15	0.17		0.71		0.81
0.15	0.17		0.71		0.91
0.15	0.17		0.74		0.95
0.15	0.17		0.75		0.98
0.15	0.17		0.76		1
0.16	0.17		0.8		1.1
0.16	0.17		0.81		1.1

DuPont Company
PFOA in Blood
Washington Works - Teflon
1981 Summary

All	All Male	All Female	All Operator	All Mechanics	All Supervision
0.16	0.18		0.82		1.2
0.16	0.18		0.86		1.4
0.16	0.18		0.88		1.5
0.17	0.18		0.9		1.7
0.17	0.19		0.92		2
0.17	0.19		0.93		2.1
0.17	0.19		0.98		2.4
0.17	0.19		1		2.6
0.17	0.2		1		2.8
0.17	0.2		1		3.4
0.18	0.2		1.1		
0.18	0.2		1.1		
0.18	0.21		1.2		
0.18	0.21		1.2		
0.19	0.21		1.2		
0.19	0.21		1.3		
0.19	0.21		1.3		
0.19	0.21		1.3		
0.19	0.21		1.3		
0.19	0.21		1.31		
0.19	0.22		1.4		
0.2	0.22		1.5		
0.2	0.22		1.5		
0.2	0.22		1.6		
0.2	0.23		1.6		
0.2	0.23		1.7		
0.21	0.24		1.7		
0.21	0.24		1.7		
0.21	0.24		1.8		
0.21	0.25		1.8		
0.21	0.25		2.1		
0.21	0.25		2.1		
0.21	0.25		2.1		
0.21	0.26		2.2		
0.22	0.26		2.4		
0.22	0.26		2.5		
0.22	0.26		2.5		
0.22	0.26		2.5		
0.22	0.26		2.5		
0.23	0.26		2.5		
0.23	0.26		2.6		
0.23	0.27		2.6		
0.24	0.27		2.8		
0.24	0.27		3		
0.24	0.27		3.3		
0.25	0.27		3.5		
0.25	0.28		3.5		
0.25	0.29		3.6		

DuPont Company
PFOA in Blood
Washington Works - Teflon
1981 Summary

All	All Male	All Female	All Operator	All Mechanics	All Supervision
0.25	0.3		3.6		
0.26	0.3		3.6		
0.26	0.3		3.9		
0.26	0.31		4		
0.26	0.31		4.1		
0.26	0.32		4.2		
0.26	0.32		4.2		
0.26	0.32		4.3		
0.27	0.33		4.3		
0.27	0.33		4.3		
0.27	0.33		4.4		
0.27	0.33		4.5		
0.27	0.33		4.5		
0.27	0.33		4.8		
0.27	0.34		4.8		
0.28	0.34		4.9		
0.29	0.34		5.1		
0.29	0.34		5.3		
0.3	0.35		5.8		
0.3	0.36		6.5		
0.3	0.36		6.9		
0.31	0.36		7.5		
0.31	0.38		8.2		
0.31	0.39		9.1		
0.32	0.4		9.4		
0.32	0.4		9.6		
0.32	0.41		11		
0.33	0.41		32		
0.33	0.42		33		
0.33	0.42				
0.33	0.43				
0.33	0.43				
0.33	0.43				
0.34	0.43				
0.34	0.43				
0.34	0.44				
0.34	0.45				
0.35	0.45				
0.36	0.46				
0.36	0.46				
0.36	0.48				
0.38	0.49				
0.39	0.49				
0.4	0.5				
0.4	0.5				
0.41	0.51				

DuPont Company
PFOA in Blood
Washington Works - Teflon
1981 Summary

All	All Male	All Female	All Operator	All Mechanics	All Supervision
0.41	0.51				
0.41	0.52				
0.42	0.52				
0.42	0.52				
0.43	0.52				
0.43	0.54				
0.43	0.54				
0.43	0.55				
0.43	0.58				
0.44	0.59				
0.45	0.6				
0.45	0.61				
0.46	0.61				
0.46	0.61				
0.48	0.62				
0.49	0.62				
0.49	0.63				
0.5	0.63				
0.5	0.64				
0.51	0.64				
0.51	0.64				
0.52	0.65				
0.52	0.65				
0.52	0.65				
0.52	0.71				
0.53	0.71				
0.54	0.75				
0.54	0.75				
0.55	0.76				
0.58	0.78				
0.59	0.78				
0.59	0.79				
0.59	0.8				
0.6	0.8				
0.61	0.81				
0.61	0.82				
0.61	0.86				
0.62	0.87				
0.62	0.88				
0.62	0.9				
0.63	0.91				
0.63	0.92				
0.64	0.93				
0.64	0.95				
0.64	0.98				
0.64	0.98				
0.65	1				

From Washington Works FLAIR Database

Prepared November 21, 2004
Barbara J. Dawson, CIH, CSP

000508

DuPont Company
PFOA in Blood
Washington Works - Teflon
1981 Summary

All	All Male	All Female	All Operator	All Mechanics	All Supervision
0.65	1				
0.65	1				
0.71	1.1				
0.71	1.1				
0.74	1.1				
0.75	1.1				
0.75	1.2				
0.76	1.2				
0.78	1.2				
0.78	1.2				
0.79	1.2				
0.8	1.3				
0.8	1.3				
0.81	1.3				
0.81	1.3				
0.82	1.31				
0.86	1.4				
0.87	1.4				
0.88	1.5				
0.9	1.5				
0.91	1.5				
0.92	1.5				
0.93	1.6				
0.95	1.7				
0.98	1.7				
0.98	1.8				
1	1.8				
1	2				
1	2.1				
1	2.1				
1.1	2.2				
1.1	2.4				
1.1	2.5				
1.1	2.5				
1.2	2.5				
1.2	2.6				
1.2	2.6				
1.2	2.8				
1.2	2.8				
1.3	3				
1.3	3.3				
1.3	3.4				
1.3	3.6				
1.3	3.6				
1.31	4.1				
1.4	4.2				
1.4	4.2				

DuPont Company
PFOA in Blood
Washington Works - Teflon
1981 Summary

All	All Male	All Female	All Operator	All Mechanics	All Supervision
1.5	4.3				
1.5	4.5				
1.5	4.8				
1.5	4.9				
1.6	5.3				
1.6	5.8				
1.7	6.5				
1.7	6.9				
1.7	7.5				
1.7	8.2				
1.8	9.1				
1.8	9.4				
2	9.6				
2.1	11				
2.1	32				
2.1	33				
2.1					
2.2					
2.4					
2.4					
2.5					
2.5					
2.5					
2.5					
2.6					
2.6					
2.6					
2.8					
2.8					
3					
3.3					
3.4					
3.5					
3.5					
3.6					
3.6					
3.6					
3.9					
4					
4.1					
4.2					
4.2					
4.3					
4.3					
4.3					
4.4					

DuPont Company
PFOA in Blood
Washington Works - Teflon
1981 Summary

	All	All Male	All Female	All Operator	All Mechanics	All Supervision
	4.5					
	4.5					
	4.8					
	4.8					
	4.9					
	5.1					
	5.3					
	5.8					
	6.5					
	6.9					
	7.5					
	8.2					
	9.1					
	9.4					
	9.6					
	11					
	32					
	33					
Count	345	297	48	170	60	104
Average	1.16	1.11	1.52	1.95	0.35	0.44
Std Dev	2.90	3.05	1.64	3.95	0.32	0.63
Median	0.33	0.32	0.63	0.65	0.21	0.21

DATA SUMMARY

Chemical: Perfluorooctanoic Acid

Site: Washington Works, Parkersburg, West Virginia

Date of Monitoring: 1981

Matrix: PFOA in Whole Blood

Operation: Non-Teflon®

Job Title	Number Sampled	Minimum Concentration (ppm)	Mean (ppm)	Median (ppm)	Maximum Concentration (ppm)	Standard Deviation
Entire Cohort	113	0.01	0.52	0.19	4.5	0.85
Males	34	0.02	0.51	0.23	2.8	0.74
Females	79	0.01	0.59	0.18	4.5	1.01
Operators	42	0.01	0.47	0.12	4.5	0.88
Males	7	0.02	0.82	0.14	2.7	1.22
Females	35	0.01	0.41	0.12	4.5	0.80
Mechanics	11	0.09	0.30	0.26	0.67	0.17
Males	9	0.09	0.27	0.19	0.67	0.18
Females	2	0.41	0.43	0.43	0.44	0.02
Laboratorians	38	0.01	0.83	0.29	4.4	1.24
Males	14	0.06	0.54	0.32	2.8	0.72
Females	24	0.01	0.99	0.17	4.4	1.45
Supervision	22	0.02	0.31	0.21	0.97	0.30
Males	4	0.12	0.15	0.15	0.17	0.02
Females	18	0.02	0.35	0.26	0.97	0.32

Comments:

- Samples analyzed by National Medical Services
- Data extracted from WW site database by site industrial hygienist Tony Playtis
- Descriptive statistics calculated using Microsoft Excel
- Operation indicates work assignment of person at time of sample and does not reflect past work history

Prepared by: Barbara J. Dawson, CIH, CSP
Date of Preparation: December 2, 2004

000512

DuPont Company
PFOA in Blood
Washington Works - Non-Teflon - 1981

Non-Teflon									
Operators		Mechanics		Laboratorians		Supervision			
Male	Female	Male	Female	Male	Female	Male	Female		
0.21	0.04	0.18	0.44	0.24	0.06	0.17	0.09		
0.02	0.02	0.12	0.41	0.26	0.15	0.15	0.26		
0.14	0.21	0.36		0.54	0.31	0.12	0.18		
0.09	0.23	0.17		0.34	4.4	0.15	0.97		
2.5	0.98	0.4		0.1	3.8		0.35		
2.7	0.07	0.26		0.07	3.2		0.04		
0.05	0.01	0.19		0.33	4.2		0.05		
	0.01	0.67		0.06	0.17		0.94		
	0.09	0.09		0.43	0.17		0.57		
	0.39			0.14	0.08		0.23		
	0.57			0.31	0.08		0.05		
	0.13			2.8	1.9		0.02		
	0.78			1.1	1.4		0.39		
	0.12			0.87	0.61		0.83		
	0.64				0.01		0.7		
	0.52				0.08		0.28		
	1				0.06		0.26		
	0.04				0.09		0.09		
	0.05				0.08				
	1.2				0.45				
	1.25				0.41				
	0.02				2				
	0.02				0.07				
	0.12				0.05				
	0.1								
	0.04								
	0.05								
	4.5								
	0.03								
	0.09								
	0.08								
	0.24								
	0.27								
	0.15								
	0.12								
7	35	9	2	14	24	4	18	Count	
0.82	0.41	0.27	0.43	0.54	0.99	0.15	0.35	Average	
1.22	0.80	0.18	0.02	0.72	1.45	0.02	0.32	Std Dev	
0.14	0.12	0.19	0.43	0.32	0.17	0.15	0.26	Median	

DuPont Company
PFOA in Blood
Washington Works - Non-Teflon
1981 Summary

All	All Male	All Female	All Oper	All Mech	All Lab	All Super
0.01	0.02	0.01	0.01	0.09	0.01	0.02
0.01	0.05	0.01	0.01	0.12	0.05	0.04
0.01	0.06	0.01	0.02	0.17	0.06	0.05
0.02	0.07	0.02	0.02	0.18	0.06	0.05
0.02	0.09	0.02	0.02	0.19	0.06	0.09
0.02	0.09	0.02	0.02	0.26	0.07	0.09
0.02	0.1	0.02	0.03	0.36	0.07	0.12
0.02	0.12	0.03	0.04	0.4	0.08	0.15
0.03	0.12	0.04	0.04	0.41	0.08	0.15
0.04	0.14	0.04	0.04	0.44	0.08	0.17
0.04	0.14	0.04	0.05	0.67	0.08	0.18
0.04	0.15	0.04	0.05		0.09	0.23
0.04	0.15	0.05	0.05		0.1	0.26
0.05	0.17	0.05	0.07		0.14	0.26
0.05	0.17	0.05	0.08		0.15	0.28
0.05	0.18	0.05	0.09		0.17	0.35
0.05	0.19	0.05	0.09		0.17	0.39
0.05	0.21	0.06	0.09		0.24	0.57
0.05	0.24	0.06	0.1		0.26	0.7
0.06	0.26	0.07	0.12		0.31	0.83
0.06	0.26	0.07	0.12		0.31	0.94
0.06	0.31	0.08	0.12		0.33	0.97
0.07	0.33	0.08	0.13		0.34	
0.07	0.34	0.08	0.14		0.41	
0.07	0.36	0.08	0.15		0.43	
0.08	0.4	0.08	0.21		0.45	
0.08	0.43	0.09	0.21		0.54	
0.08	0.54	0.09	0.23		0.61	
0.08	0.67	0.09	0.24		0.87	
0.08	0.87	0.09	0.27		1.1	
0.09	1.1	0.09	0.39		1.4	
0.09	2.5	0.1	0.52		1.9	
0.09	2.7	0.12	0.57		2	
0.09	2.8	0.12	0.64		2.8	
0.09		0.12	0.78		3.2	
0.09		0.13	0.98		3.8	
0.09		0.15	1		4.2	
0.1		0.15	1.2		4.4	
0.1		0.17	1.25			
0.12		0.17	2.5			
0.12		0.18	2.7			
0.12		0.21	4.5			
0.12		0.23				
0.12		0.23				

DuPont Company
PFOA in Blood
Washington Works - Non-Teflon
1981 Summary

All	All Male	All Female	All Oper	All Mech	All Lab	All Super
0.13		0.24				
0.14		0.26				
0.14		0.26				
0.15		0.27				
0.15		0.28				
0.15		0.31				
0.15		0.35				
0.17		0.39				
0.17		0.39				
0.17		0.41				
0.17		0.41				
0.18		0.44				
0.18		0.45				
0.19		0.52				
0.21		0.57				
0.21		0.57				
0.23		0.61				
0.23		0.64				
0.24		0.7				
0.24		0.78				
0.26		0.83				
0.26		0.94				
0.26		0.97				
0.26		0.98				
0.27		1				
0.28		1.2				
0.31		1.25				
0.31		1.4				
0.33		1.9				
0.34		2				
0.35		3.2				
0.36		3.8				
0.39		4.2				
0.39		4.4				
0.4		4.5				
0.41						
0.41						
0.43						
0.44						
0.45						
0.52						
0.54						
0.57						
0.57						
0.61						
0.64						

DuPont Company
PFOA in Blood
Washington Works - Non-Teflon
1981 Summary

	All	All Male	All Female	All Oper	All Mech	All Lab	All Super
	0.67						
	0.7						
	0.78						
	0.83						
	0.87						
	0.94						
	0.97						
	0.98						
	1						
	1.1						
	1.2						
	1.25						
	1.4						
	1.9						
	2						
	2.5						
	2.7						
	2.8						
	3.2						
	3.8						
	4.2						
	4.4						
	4.5						
Count	113	34	79	42	11	38	22
Average	0.52	0.51	0.59	0.47	0.30	0.83	0.31
Std Dev	0.85	0.74	1.01	0.88	0.17	1.24	0.30
Median	0.19	0.23	0.18	0.12	0.26	0.29	0.21

DATA SUMMARY

Chemical: Perfluorooctanoic Acid

Site: Washington Works, Parkersburg, West Virginia

Date of Monitoring: 1982

Matrix: PFOA in Whole Blood

Operation: Teflon®

Job Title	Number Sampled	Minimum Concentration (ppm)	Mean (ppm)	Median (ppm)	Maximum Concentration (ppm)	Standard Deviation
Entire Cohort	299	0.01	1.29	0.41	26	2.96
Males	274	0.01	1.30	0.40	26	3.07
Females	25	0.03	1.20	0.64	5.6	1.36
Operators	157	0.02	2.07	0.76	26	3.91
Males	142	0.02	2.11	0.73	26	4.08
Females	15	0.15	1.68	1.40	5.6	1.51
Mechanics	48	0.07	0.46	0.31	1.6	0.37
Males	48	0.07	0.46	0.31	1.6	0.37
Females	0	-	-	-	-	-
Laboratorians	9	0.03	0.47	0.26	1.2	0.43
Males	8	0.11	1.10	0.34	1.2	0.43
Females	1	0.03	0.03	0.03	0.03	-
Supervision	85	0.01	0.41	0.19	3	0.58
Males	76	0.02	0.40	0.17	3	0.57
Females	9	0.19	0.53	0.31	2.3	0.68

Comments:

- Samples analyzed by National Medical Services
- Data extracted from WW site database by site industrial hygienist Tony Playtis
- Descriptive statistics calculated using Microsoft Excel
- Operation indicates work assignment of person at time of sample and does not reflect past work history

Prepared by: Barbara J. Dawson, CIH, CSP
Date of Preparation: December 3, 2004

000517

DuPont Company
PFOA in Blood
Washington Works - Teflon - 1982

Teflon						
Operators		Mechanics	Laboratorians		Supervision	
Male	Female	Male	Male	Female	Male	Female
0.77	1.6	0.83	1.1	0.03	0.15	0.19
0.22	1.4	0.19	0.17		0.15	0.32
1	0.19	0.61	0.23		0.28	0.31
13	0.76	0.35	0.69		3	0.67
0.94	0.7	0.71	0.26		0.17	0.19
26	2.1	0.08	0.42		0.09	2.3
0.53	3.7	0.6	0.11		0.29	0.21
1.8	0.15	0.13	1.2		0.53	0.23
4.5	0.62	0.44			0.07	0.35
0.65	2.6	0.13			2.4	
1.8	5.6	0.19			0.88	
0.14	2.7	0.32			0.13	
0.02	0.64	0.07			0.44	
0.99	2	0.47			0.1	
0.97	0.45	0.18			0.26	
0.82		0.23			0.02	
0.4		0.98			0.07	
0.4		0.3			1	
0.11		0.68			0.31	
0.07		0.96			0.25	
0.06		0.46			0.09	
2.8		0.1			0.07	
0.94		0.16			0.13	
0.32		1.1			0.25	
0.14		0.17			0.09	
0.07		0.2			0.17	
5.9		0.81			0.38	
7		0.61			0.12	
0.13		0.58			0.57	
1.6		0.12			0.19	
0.72		0.25			0.42	
1.8		0.81			0.75	
0.11		1.1			0.11	
2.9		0.22			0.06	
1.2		0.22			0.25	
0.25		0.28			0.07	
0.08		0.21			0.15	
0.28		0.92			0.11	
1		0.16			1.5	
0.73		0.2			0.09	
2.6		0.12			0.18	
8.2		1.4			0.24	
0.19		1.6			0.07	
1.8		0.19			1.9	
0.78		0.4			0.51	
0.95		0.48			1.5	
0.52		0.1			0.25	
0.46		0.6			0.13	
0.03					0.12	

DuPont Company
PFOA in Blood
Washington Works - Teflon - 1982

Teflon						
Operators		Mechanics	Laboratorians		Supervision	
Male	Female	Male	Male	Female	Male	Female
2.3					0.57	
0.02					0.1	
0.56					0.03	
0.48					0.16	
0.83					0.14	
1.6					1.6	
6.3					0.22	
0.38					0.06	
0.42					0.34	
0.06					0.05	
2.1					0.13	
0.13					0.17	
0.15					0.51	
0.65					0.27	
4.1					0.06	
2.8					1.9	
1.4					0.1	
0.09					0.49	
0.05					0.1	
0.39					0.08	
0.35					0.19	
1.2					1	
0.08					0.03	
0.36					0.09	
0.41					0.73	
0.48					0.01	
1.1					0.14	
1.6						
1.5						
0.43						
0.03						
0.28						
0.65						
1						
0.12						
0.07						
4.6						
1						
2.1						
0.33						
0.92						
0.93						
0.62						
0.05						
20						
19						
0.15						
2.2						
0.38						

DuPont Company
PFOA in Blood
Washington Works - Teflon - 1982

Teflon						
Operators		Mechanics	Laboratorians		Supervision	
Male	Female	Male	Male	Female	Male	Female
7.8						
0.09						
4.6						
1.6						
0.92						
0.13						
0.15						
3.1						
6.5						
1.8						
4.4						
0.07						
0.05						
1.5						
1.1						
0.11						
5.6						
0.52						
7.9						
0.67						
24						
0.61						
3.9						
0.08						
2.5						
8.6						
0.21						
0.22						
0.27						
5.1						
0.67						
5.8						
0.16						
0.24						
0.18						
0.29						
0.89						
2.8						
1.4						
4.2						
0.12						
0.45						
0.83						
2.7						
142	15	48	8	1	76	9 Count
2.11	1.68	0.46	1.10	0.03	0.40	0.53 Average
4.08	1.51	0.37	0.43		0.57	0.68 Std Dev
0.73	1.40	0.31	0.34	0.03	0.17	0.31 Median

From Washington Works FLAIR Database

Prepared November 27, 2004
Barbara J. Dawson, CIH, CSP

000520

DuPont Company
PFOA in Blood
Washington Works - Teflon
1982 Summary

All	All Male	All Female	All Op	All Lab	All Sup
0.01	0.01	0.03	0.02	0.03	0.01
0.02	0.02	0.15	0.02	0.11	0.02
0.02	0.02	0.19	0.03	0.17	0.03
0.02	0.02	0.19	0.03	0.23	0.03
0.03	0.03	0.19	0.05	0.26	0.05
0.03	0.03	0.21	0.05	0.42	0.06
0.03	0.03	0.23	0.05	0.69	0.06
0.03	0.03	0.31	0.06	1.1	0.06
0.03	0.05	0.32	0.06	1.2	0.07
0.05	0.05	0.35	0.07		0.07
0.05	0.05	0.45	0.07		0.07
0.05	0.05	0.62	0.07		0.07
0.05	0.06	0.64	0.07		0.07
0.06	0.06	0.67	0.08		0.08
0.06	0.06	0.7	0.08		0.09
0.06	0.06	0.76	0.08		0.09
0.06	0.06	1.4	0.09		0.09
0.06	0.07	1.6	0.09		0.09
0.07	0.07	2	0.11		0.09
0.07	0.07	2.1	0.11		0.1
0.07	0.07	2.3	0.11		0.1
0.07	0.07	2.6	0.12		0.1
0.07	0.07	2.7	0.12		0.1
0.07	0.07	3.7	0.13		0.11
0.07	0.07	5.6	0.13		0.11
0.07	0.07		0.13		0.12
0.07	0.07		0.14		0.12
0.07	0.08		0.14		0.13
0.08	0.08		0.15		0.13
0.08	0.08		0.15		0.13
0.08	0.08		0.15		0.13
0.08	0.08		0.15		0.14
0.08	0.09		0.16		0.14
0.09	0.09		0.18		0.15
0.09	0.09		0.19		0.15
0.09	0.09		0.19		0.15
0.09	0.09		0.21		0.16
0.09	0.09		0.22		0.17
0.09	0.09		0.22		0.17
0.09	0.1		0.24		0.17
0.1	0.1		0.25		0.18
0.1	0.1		0.27		0.19
0.1	0.1		0.28		0.19
0.1	0.1		0.28		0.19
0.1	0.1		0.29		0.19
0.1	0.11		0.32		0.21
0.11	0.11		0.33		0.22
0.11	0.11		0.35		0.23
0.11	0.11		0.36		0.24
0.11	0.11		0.38		0.25

DuPont Company
PFOA in Blood
Washington Works - Teflon
1982 Summary

0.11	0.11		0.38		0.25
0.11	0.12		0.39		0.25
0.12	0.12		0.4		0.25
0.12	0.12		0.4		0.26
0.12	0.12		0.41		0.27
0.12	0.12		0.42		0.28
0.12	0.12		0.43		0.29
0.12	0.13		0.45		0.31
0.13	0.13		0.45		0.31
0.13	0.13		0.46		0.32
0.13	0.13		0.48		0.34
0.13	0.13		0.48		0.35
0.13	0.13		0.52		0.38
0.13	0.13		0.52		0.42
0.13	0.13		0.53		0.44
0.13	0.13		0.56		0.49
0.13	0.14		0.61		0.51
0.14	0.14		0.62		0.51
0.14	0.14		0.62		0.53
0.14	0.14		0.64		0.57
0.14	0.15		0.65		0.57
0.15	0.15		0.65		0.67
0.15	0.15		0.65		0.73
0.15	0.15		0.67		0.75
0.15	0.15		0.67		0.88
0.15	0.15		0.7		1
0.15	0.16		0.72		1
0.15	0.16		0.73		1.5
0.16	0.16		0.76		1.5
0.16	0.16		0.77		1.6
0.16	0.17		0.78		1.9
0.16	0.17		0.82		1.9
0.17	0.17		0.83		2.3
0.17	0.17		0.83		2.4
0.17	0.17		0.89		3
0.17	0.18		0.92		
0.17	0.18		0.92		
0.18	0.18		0.93		
0.18	0.19		0.94		
0.18	0.19		0.94		
0.19	0.19		0.95		
0.19	0.19		0.97		
0.19	0.19		0.99		
0.19	0.19		1		
0.19	0.2		1		
0.19	0.2		1		
0.19	0.21		1		
0.19	0.21		1.1		
0.19	0.22		1.1		
0.2	0.22		1.2		
0.2	0.22		1.2		

DuPont Company
PFOA in Blood
Washington Works - Teflon
1982 Summary

0.21	0.22		1.4	
0.21	0.22		1.4	
0.21	0.23		1.4	
0.22	0.23		1.5	
0.22	0.24		1.5	
0.22	0.24		1.6	
0.22	0.25		1.6	
0.22	0.25		1.6	
0.23	0.25		1.6	
0.23	0.25		1.6	
0.23	0.25		1.8	
0.24	0.25		1.8	
0.24	0.26		1.8	
0.25	0.26		1.8	
0.25	0.27		1.8	
0.25	0.27		2	
0.25	0.28		2.1	
0.25	0.28		2.1	
0.25	0.28		2.1	
0.26	0.28		2.2	
0.26	0.29		2.3	
0.27	0.29		2.5	
0.27	0.3		2.6	
0.28	0.31		2.6	
0.28	0.32		2.7	
0.28	0.32		2.7	
0.28	0.33		2.8	
0.29	0.34		2.8	
0.29	0.35		2.8	
0.3	0.35		2.9	
0.31	0.36		3.1	
0.31	0.38		3.7	
0.32	0.38		3.9	
0.32	0.38		4.1	
0.32	0.39		4.2	
0.33	0.4		4.4	
0.34	0.4		4.5	
0.35	0.4		4.6	
0.35	0.41		4.6	
0.35	0.42		5.1	
0.36	0.42		5.6	
0.38	0.42		5.6	
0.38	0.43		5.8	
0.38	0.44		5.9	
0.39	0.44		6.3	
0.4	0.45		6.5	
0.4	0.46		7	
0.4	0.46		7.8	
0.41	0.47		7.9	
0.42	0.48		8.2	
0.42	0.48		8.6	

DuPont Company
PFOA in Blood
Washington Works - Teflon
1982 Summary

0.42	0.48		13		
0.43	0.49		19		
0.44	0.51		20		
0.44	0.51		24		
0.45	0.52		26		
0.45	0.52				
0.46	0.53				
0.46	0.53				
0.47	0.56				
0.48	0.57				
0.48	0.57				
0.48	0.58				
0.49	0.6				
0.51	0.6				
0.51	0.61				
0.52	0.61				
0.52	0.61				
0.53	0.62				
0.53	0.65				
0.56	0.65				
0.57	0.65				
0.57	0.67				
0.58	0.67				
0.6	0.68				
0.6	0.69				
0.61	0.71				
0.61	0.72				
0.61	0.73				
0.62	0.73				
0.62	0.75				
0.64	0.77				
0.65	0.78				
0.65	0.81				
0.65	0.81				
0.67	0.82				
0.67	0.83				
0.67	0.83				
0.68	0.83				
0.69	0.88				
0.7	0.89				
0.71	0.92				
0.72	0.92				
0.73	0.92				
0.73	0.93				
0.75	0.94				
0.76	0.94				
0.77	0.95				
0.78	0.96				
0.81	0.97				
0.81	0.98				
0.82	0.99				

DuPont Company
PFOA in Blood
Washington Works - Teflon
1982 Summary

0.83	1				
0.83	1				
0.83	1				
0.88	1				
0.89	1				
0.92	1				
0.92	1.1				
0.92	1.1				
0.93	1.1				
0.94	1.1				
0.94	1.1				
0.95	1.2				
0.96	1.2				
0.97	1.2				
0.98	1.4				
0.99	1.4				
1	1.4				
1	1.5				
1	1.5				
1	1.5				
1	1.5				
1	1.6				
1.1	1.6				
1.1	1.6				
1.1	1.6				
1.1	1.6				
1.1	1.6				
1.2	1.8				
1.2	1.8				
1.2	1.8				
1.4	1.8				
1.4	1.8				
1.4	1.9				
1.4	1.9				
1.5	2.1				
1.5	2.1				
1.5	2.2				
1.5	2.3				
1.6	2.4				
1.6	2.5				
1.6	2.6				
1.6	2.7				
1.6	2.8				
1.6	2.8				
1.6	2.8				
1.8	2.9				
1.8	3				
1.8	3.1				
1.8	3.9				
1.8	4.1				
1.9	4.2				

DuPont Company
PFOA in Blood
Washington Works - Teflon
1982 Summary

1.9	4.4					
2	4.5					
2.1	4.6					
2.1	4.6					
2.1	5.1					
2.2	5.6					
2.3	5.8					
2.3	5.9					
2.4	6.3					
2.5	6.5					
2.6	7					
2.6	7.8					
2.7	7.9					
2.7	8.2					
2.8	8.6					
2.8	13					
2.8	19					
2.9	20					
3	24					
3.1	26					
3.7						
3.9						
4.1						
4.2						
4.4						
4.5						
4.6						
4.6						
5.1						
5.6						
5.6						
5.8						
5.9						
6.3						
6.5						
7						
7.8						
7.9						
8.2						
8.6						
13						
19						
20						
24						
26						
Count	299	274	25	157	9	85
Average	1.29	1.30	1.20	2.07	0.47	0.41
Std Dev	2.96	3.07	1.36	3.91	0.43	0.58
Median	0.41	0.40	0.64	0.76	0.26	0.19

DATA SUMMARY

Chemical: Perfluorooctanoic Acid

Site: Washington Works, Parkersburg, West Virginia

Date of Monitoring: 1982

Matrix: PFOA in Whole Blood

Operation: Non-Teflon®

Job Title	Number Sampled	Minimum Concentration (ppm)	Mean (ppm)	Median (ppm)	Maximum Concentration (ppm)	Standard Deviation
Entire Cohort	70	0.02	0.29	0.14	2.6	0.44
Males	51	0.03	0.25	0.15	2.2	0.34
Females	19	0.02	0.38	0.10	2.6	0.64
Operators	18	0.02	0.33	0.13	2.2	0.54
Males	8	0.03	0.37	0.12	2.2	0.74
Females	10	0.02	0.29	0.16	1.1	0.35
Mechanics	18	0.05	0.18	0.17	0.41	0.11
Males	18	0.05	0.18	0.17	0.41	0.11
Females	0	-	-	-	-	-
Laboratorians	20	0.03	0.48	0.24	2.6	0.60
Males	15	0.03	0.37	0.25	0.94	0.28
Females	5	0.06	0.81	0.09	2.6	1.11
Supervision	14	0.04	0.11	0.09	0.42	0.10
Males	10	0.04	0.13	0.09	0.1	0.12
Females	4	0.04	0.08	0.07	0.1	0.04

Comments:

- Samples analyzed by National Medical Services
- Data extracted from WW site database by site industrial hygienist Tony Playtis
- Descriptive statistics calculated using Microsoft Excel
- Operation indicates work assignment of person at time of sample and does not reflect past work history

Prepared by: Barbara J. Dawson, CIH, CSP
Date of Preparation: December 3, 2004

000527

DuPont Company
PFOA in Blood
Washington Works - Non-Teflon - 1982

Operators		Mechanics	Laboratorians		Supervision		
Male	Female	Male	Male	Female	Male	Female	
0.2	1.1	0.09	0.03	1.2	0.14	0.04	
0.1	0.04	0.23	0.13	0.08	0.07	0.12	
2.2	0.12	0.18	0.34	0.09	0.05	0.04	
0.14	0.02	0.06	0.63	0.06	0.05	0.1	
0.08	0.19	0.11	0.07	2.6	0.23		
0.14	0.04	0.1	0.21		0.1		
0.03	0.19	0.13	0.8		0.09		
0.07	0.07	0.21	0.56		0.04		
	0.65	0.05	0.25		0.09		
	0.47	0.37	0.21		0.42		
		0.05	0.69				
		0.17	0.15				
		0.32	0.3				
		0.17	0.23				
		0.13	0.94				
		0.41					
		0.27					
		0.17					
8	10	18	15	5	10	4	Count
0.37	0.29	0.18	0.37	0.81	0.13	0.08	Average
0.74	0.35	0.11	0.28	1.11	0.12	0.04	Std Dev
0.12	0.16	0.17	0.25	0.09	0.09	0.07	Median

DuPont Company
PFOA in Blood
Washington Works - Non-Teflon
1982 Summary

All	All Male	All Female	All Op	All Lab	All Sup
0.2	0.2	1.1	0.2	0.03	0.14
0.1	0.1	0.04	0.1	0.13	0.07
2.2	2.2	0.12	2.2	0.34	0.05
0.14	0.14	0.02	0.14	0.63	0.05
0.08	0.08	0.19	0.08	0.07	0.23
0.14	0.14	0.04	0.14	0.21	0.1
0.03	0.03	0.19	0.03	0.8	0.09
0.07	0.07	0.07	0.07	0.56	0.04
1.1	0.09	0.65	1.1	0.25	0.09
0.04	0.23	0.47	0.04	0.21	0.42
0.12	0.18	1.2	0.12	0.69	0.04
0.02	0.06	0.08	0.02	0.15	0.12
0.19	0.11	0.09	0.19	0.3	0.04
0.04	0.1	0.06	0.04	0.23	0.1
0.19	0.13	2.6	0.19	0.94	
0.07	0.21	0.04	0.07	1.2	
0.65	0.05	0.12	0.65	0.08	
0.47	0.37	0.04	0.47	0.09	
0.09	0.05	0.1		0.06	
0.23	0.17			2.6	
0.18	0.32				
0.06	0.17				
0.11	0.13				
0.1	0.41				
0.13	0.27				
0.21	0.17				
0.05	0.03				
0.37	0.13				
0.05	0.34				
0.17	0.63				
0.32	0.07				
0.17	0.21				
0.13	0.8				
0.41	0.56				
0.27	0.25				
0.17	0.21				
0.03	0.69				
0.13	0.15				
0.34	0.3				
0.63	0.23				
0.07	0.94				
0.21	0.14				
0.8	0.07				
0.56	0.05				
0.25	0.05				
0.21	0.23				
0.69	0.1				
0.15	0.09				
0.3	0.04				
0.23	0.09				
0.94	0.42				

DuPont Company
PFOA in Blood
Washington Works - Non-Teflon
1982 Summary

	All	All Male	All Female	All Op	All Lab	All Sup
	1.2					
	0.08					
	0.09					
	0.06					
	2.6					
	0.14					
	0.07					
	0.05					
	0.05					
	0.23					
	0.1					
	0.09					
	0.04					
	0.09					
	0.42					
	0.04					
	0.12					
	0.04					
	0.1					
Count	70	51	19	18	20	14
Average	0.29	0.25	0.38	0.33	0.48	0.11
Std Dev	0.44	0.34	0.64	0.54	0.60	0.10
Median	0.14	0.15	0.10	0.13	0.24	0.09

DATA SUMMARY

Chemical: Perfluorooctanoic Acid

Site: Washington Works, Parkersburg, West Virginia

Date of Monitoring: 1983

Matrix: PFOA in Whole Blood

Operation: Teflon®

Job Title	Number Sampled	Minimum Concentration (ppm)	Mean (ppm)	Median (ppm)	Maximum Concentration (ppm)	Standard Deviation
Entire Cohort	69	0.15	2.59	1.4	25	3.90
Males	59	0.15	2.79	1.4	25	4.17
Females	10	0.21	1.41	1.10	3.6	1.17
Operators	67	0.21	2.63	1.4	25	3.95
Males	57	0.25	2.84	1.4	25	4.22
Females	10	0.21	1.41	1.10	3.6	1.17
Mechanics	0	-	-	-	-	-
Males	0	-	-	-	-	-
Females	0	-	-	-	-	-
Laboratorians	0	-	-	-	-	-
Males	0	-	-	-	-	-
Females	0	-	-	-	-	-
Supervision	2	0.15	1.13	1.13	2.1	1.38
Males	2	0.15	1.13	1.13	2.1	1.38
Females	0	-	-	-	-	-

Comments:

- Samples analyzed by National Medical Services
- Data extracted from WW site database by site industrial hygienist Tony Playtis
- Descriptive statistics calculated using Microsoft Excel
- Operation indicates work assignment of person at time of sample and does not reflect past work history

Prepared by: Barbara J. Dawson, CIH, CSP
Date of Preparation: November 20, 2004

000531

DuPont Company
PFOA in Blood
Washington Works - Teflon - 1983

Operators		Supervision		
Male	Female	Male	Female	
0.25	0.21	0.15		
0.34	0.28	2.1		
0.34	0.32			
0.36	0.62			
0.38	0.69			
0.44	1.5			
0.45	2			
0.46	2.4			
0.47	2.5			
0.48	3.6			
0.54				
0.75				
0.75				
0.76				
0.79				
0.83				
0.83				
0.94				
0.95				
0.96				
0.98				
1.1				
1.2				
1.3				
1.3				
1.3				
1.3				
1.4				
1.4				
1.5				
1.5				
1.6				
1.6				
1.9				
2.3				
2.3				
2.4				
2.5				
2.6				
2.8				
2.8				
2.8				
3				
3.6				
4				
4.2				
4.2				
4.4				
4.9				
5.4				

From Washington Works FLAIR Database

Prepared November 27, 2004
Barbara J. Dawson, CIH, CSP

000532

DuPont Company
PFOA in Blood
Washington Works - Teflon - 1983

Operators		Supervision		
Male	Female	Male	Female	
5.9				
5.9				
6				
6				
7.7				
20				
25				
57	10	2		Count
2.84	1.41	1.13		Average
4.22	1.17	1.38		Std Dev
1.4	1.10	1.13		Median

DuPont Company
PFOA in Blood
Washington Works - Teflon
1983 Summary

All Teflon	Teflon Male	Teflon Fem	OperAll
0.15	0.15	0.21	0.21
0.21	0.25	0.28	0.25
0.25	0.34	0.32	0.28
0.28	0.34	0.62	0.32
0.32	0.36	0.69	0.34
0.34	0.38	1.5	0.34
0.34	0.44	2	0.36
0.36	0.45	2.4	0.38
0.38	0.46	2.5	0.44
0.44	0.47	3.6	0.45
0.45	0.48		0.46
0.46	0.54		0.47
0.47	0.75		0.48
0.48	0.75		0.54
0.54	0.76		0.62
0.62	0.79		0.69
0.69	0.83		0.75
0.75	0.83		0.75
0.75	0.94		0.76
0.76	0.95		0.79
0.79	0.96		0.83
0.83	0.98		0.83
0.83	1.1		0.94
0.94	1.2		0.95
0.95	1.3		0.96
0.96	1.3		0.98
0.98	1.3		1.1
1.1	1.3		1.2
1.2	1.4		1.3
1.3	1.4		1.3
1.3	1.5		1.3
1.3	1.5		1.3
1.3	1.6		1.4
1.4	1.6		1.4
1.4	1.9		1.5
1.5	2.1		1.5
1.5	2.3		1.5
1.5	2.3		1.6
1.6	2.4		1.6
1.6	2.5		1.9
1.9	2.6		2
2	2.8		2.3
2.1	2.8		2.3
2.3	2.8		2.4
2.3	3		2.4
2.4	3.6		2.5
2.4	4		2.5
2.5	4.2		2.6
2.5	4.2		2.8

From Washington Works FLAIR Database

Prepared November 27, 2004
Barbara J. Dawson, CIH, CSP

000534

DuPont Company
PFOA in Blood
Washington Works - Teflon
1983 Summary

All Teflon	Teflon Male	Teflon Fem	OperAll	
2.6	4.4		2.8	
2.8	4.9		2.8	
2.8	5.4		3	
2.8	5.9		3.6	
3	5.9		3.6	
3.6	6		4	
3.6	6		4.2	
4	7.7		4.2	
4.2	20		4.4	
4.2	25		4.9	
4.4			5.4	
4.9			5.9	
5.4			5.9	
5.9			6	
5.9			6	
6			7.7	
6			20	
7.7			25	
20				
25				
69	59	10	67	Count
2.59	2.79	1.41	2.63	Average
3.90	4.17	1.17	3.95	Std Dev
1.4	1.4	1.10	1.4	Median

DATA SUMMARY

Chemical: Perfluorooctanoic Acid

Site: Washington Works, Parkersburg, West Virginia

Date of Monitoring: 1983

Matrix: PFOA in Whole Blood

Operation: Non-Teflon®

Job Title	Number Sampled	Minimum Concentration (ppm)	Mean (ppm)	Median (ppm)	Maximum Concentration (ppm)	Standard Deviation
Entire Cohort	11	0.05	2.76	0.49	16	5.02
Males	6	0.08	4.76	2.2	16	6.30
Females	5	0.05	0.37	0.14	1.1	0.44
Operators	10	0.05	3.03	0.8	16	5.21
Males	6	0.08	4.76	1.95	16	6.30
Females	4	0.05	0.45	0.32	1.1	0.48
Mechanics	0	-	-	-	-	-
Males	0	-	-	-	-	-
Females	0	-	-	-	-	-
Laboratorians	0	-	-	-	-	-
Males	0	-	-	-	-	-
Females	0	-	-	-	-	-
Supervision	1	0.08	0.08	0.08	0.08	-
Males	0	-	-	-	-	-
Females	1	0.08	0.08	0.08	0.08	-

Comments:

- Samples analyzed by National Medical Services
- Data extracted from WW site database by site industrial hygienist Tony Playtis
- Descriptive statistics calculated using Microsoft Excel
- Operation indicates work assignment of person at time of sample and does not reflect past work history

Prepared by: Barbara J. Dawson, CIH, CSP
Date of Preparation: November 20, 2004

000536

DuPont Company
PFOA in Blood
Washington Works - Non-Teflon - 1983

	Operator		Supervision
	Male	Female	Female
	0.08	0.05	0.08
	0.15	0.14	
	1.7	0.49	
	2.2	1.1	
	8.4		
	16		
Count	6	4	1
Average	4.76	0.45	0.08
Std Dev	6.30	0.48	
Median	1.95	0.32	0.08

DATA SUMMARY

Chemical: Perfluorooctanoic Acid

Site: Washington Works, Parkersburg, West Virginia

Date of Monitoring: 1984

Matrix: PFOA in Whole Blood

Operation: Teflon®

Job Title	Number Sampled	Minimum Concentration (ppm)	Mean (ppm)	Median (ppm)	Maximum Concentration (ppm)	Standard Deviation
Entire Cohort	88	0	2.25	0.93	24	3.86
Males	71	0	2.54	1	24	4.19
Females	17	0	1.07	0.81	6.5	1.54
Operators	86	0	2.30	0.97	24	3.90
Males	70	0	2.57	1.05	24	4.21
Females	16	0	1.13	0.84	6.5	1.57
Mechanics	0	-	-	-	-	-
Males	0	-	-	-	-	-
Females	0	-	-	-	-	-
Laboratorians	0	-	-	-	-	-
Males	0	-	-	-	-	-
Females	0	-	-	-	-	-
Supervision	2	0.17	0.2	0.2	0.22	0.04
Males	1	0.22	0.22	0.22	0.22	-
Females	1	0.17	0.17	0.17	0.17	-

Comments:

- Samples analyzed by National Medical Services
- Data extracted from WW site database by site industrial hygienist Tony Playtis
- Descriptive statistics calculated using Microsoft Excel
- Operation indicates work assignment of person at time of sample and does not reflect past work history

Prepared by: Barbara J. Dawson, CIH, CSP
Date of Preparation: December 6, 2004

000538

DuPont Company
PFOA in Blood
Washington Works - Teflon -1984

Operators		Supervision	
Male	Female	Male	Female
0	0	0.22	0.17
0.03	0.02		
0.04	0.05		
0.07	0.06		
0.1	0.17		
0.14	0.2		
0.2	0.5		
0.24	0.81		
0.25	0.86		
0.29	1.1		
0.3	1.4		
0.3	1.4		
0.31	1.5		
0.33	1.5		
0.34	2		
0.35	6.5		
0.36			
0.39			
0.53			
0.55			
0.56			
0.57			
0.57			
0.62			
0.67			
0.71			
0.72			
0.75			
0.75			
0.76			
0.8			
0.86			
0.93			
0.93			
1			
1.1			
1.1			
1.1			
1.1			
1.2			
1.3			
1.3			
1.5			
1.5			
1.6			
1.8			
1.9			
2.3			
2.4			
2.4			

From Washington Works FLAIR Database

Prepared November 27, 2004
Barbara J. Dawson, CIH, CSP

000539

DuPont Company
PFOA in Blood
Washington Works - Teflon - 1984

Operators		Supervision	
Male	Female	Male	Female
2.4			
2.6			
2.6			
2.6			
2.9			
3.2			
3.4			
4			
4			
4.5			
4.5			
5.8			
7.2			
7.4			
7.6			
8.1			
8.7			
16.4			
18			
24			
70	16		
2.57	1.13		
4.21	1.57		
1.05	0.84		
			Count
			Average
			Std Dev
			Median

DuPont Company
PFOA in Blood
Washington Works - Teflon
1984 Summary

All	Op-All	Male-All	F-All
0	0	0	0
0.03	0.03	0.03	0.02
0.04	0.04	0.04	0.05
0.07	0.07	0.07	0.06
0.1	0.1	0.1	0.17
0.14	0.14	0.14	0.2
0.2	0.2	0.2	0.5
0.24	0.24	0.24	0.81
0.25	0.25	0.25	0.86
0.29	0.29	0.29	1.1
0.3	0.3	0.3	1.4
0.3	0.3	0.3	1.4
0.31	0.31	0.31	1.5
0.33	0.33	0.33	1.5
0.34	0.34	0.34	2
0.35	0.35	0.35	6.5
0.36	0.36	0.36	0.17
0.39	0.39	0.39	
0.53	0.53	0.53	
0.55	0.55	0.55	
0.56	0.56	0.56	
0.57	0.57	0.57	
0.57	0.57	0.57	
0.62	0.62	0.62	
0.67	0.67	0.67	
0.71	0.71	0.71	
0.72	0.72	0.72	
0.75	0.75	0.75	
0.75	0.75	0.75	
0.76	0.76	0.76	
0.8	0.8	0.8	
0.86	0.86	0.86	
0.93	0.93	0.93	
0.93	0.93	0.93	
1	1	1	
1.1	1.1	1.1	
1.1	1.1	1.1	
1.1	1.1	1.1	
1.1	1.1	1.1	
1.2	1.2	1.2	
1.3	1.3	1.3	
1.3	1.3	1.3	
1.5	1.5	1.5	
1.5	1.5	1.5	
1.6	1.6	1.6	

DuPont Company
PFOA in Blood
Washington Works - Teflon
1984 Summary

All	Op-All	Male-All	F-All
1.8	1.8	1.8	
1.9	1.9	1.9	
2.3	2.3	2.3	
2.4	2.4	2.4	
2.4	2.4	2.4	
2.4	2.4	2.4	
2.6	2.6	2.6	
2.6	2.6	2.6	
2.6	2.6	2.6	
2.9	2.9	2.9	
3.2	3.2	3.2	
3.4	3.4	3.4	
4	4	4	
4	4	4	
4.5	4.5	4.5	
4.5	4.5	4.5	
5.8	5.8	5.8	
7.2	7.2	7.2	
7.4	7.4	7.4	
7.6	7.6	7.6	
8.1	8.1	8.1	
8.7	8.7	8.7	
16.4	16.4	16.4	
18	18	18	
24	24	24	
0	0	0.22	
0.02	0.02		
0.05	0.05		
0.06	0.06		
0.17	0.17		
0.2	0.2		
0.5	0.5		
0.81	0.81		
0.86	0.86		
1.1	1.1		
1.4	1.4		
1.4	1.4		
1.5	1.5		
1.5	1.5		
2	2		
6.5	6.5		
0.22			
0.17			
Count	88	86	71
Average	2.25	2.30	2.54
Std Dev	3.86	3.90	4.19
Median	0.93	0.97	1

DATA SUMMARY

Chemical: Perfluorooctanoic Acid

Site: Washington Works, Parkersburg, West Virginia

Date of Monitoring: 1984

Matrix: PFOA in Whole Blood

Operation: Non-Teflon®

Job Title	Number Sampled	Minimum Concentration (ppm)	Mean (ppm)	Median (ppm)	Maximum Concentration (ppm)	Standard Deviation
Entire Cohort	13	0.01	1.87	0.12	14	3.99
Males	5	0.06	4.61	2.0	14	5.69
Females	8	0.01	0.15	0.08	0.46	0.18
Operators	10	0.01	2.41	0.43	14	4.45
Males	5	0.06	4.61	2	14	5.69
Females	5	0.01	0.2	0.12	0.46	0.21
Mechanics	0	-	-	-	-	-
Males	0	-	-	-	-	-
Females	0	-	-	-	-	-
Laboratorians	1	0.11	0.11	0.11	0.11	-
Males	0	-	-	-	-	-
Females	1	0.11	0.11	0.11	0.11	-
Supervision	2	0.03	0.04	0.04	0.04	0.01
Males	0	-	-	-	-	-
Females	2	0.03	0.04	0.04	0.04	0.01

Comments:

- Samples analyzed by National Medical Services
- Data extracted from WW site database by site industrial hygienist Tony Playtis
- Descriptive statistics calculated using Microsoft Excel
- Operation indicates work assignment of person at time of sample and does not reflect past work history

Prepared by: Barbara J. Dawson, CIH, CSP
Date of Preparation: November 20, 2004

000543

DuPont Company
PFOA in Blood
Washington Works - Non-Teflon - 1984

	Operator		Laboratorian	Supervision
	Male	Female	Female	Female
	0.06	0.01	0.11	0.03
	1.1	0.04		0.04
	2	0.12		
	5.9	0.39		
	14	0.46		
Count	5	5	1	2
Average	4.61	0.20	0.11	0.04
Std Dev	5.69	0.21		0.01
Median	2.00	0.12	0.11	0.04

DuPont Company
PFOA in Blood
Washington Works - Non-Teflon
1984 Summary

	All	All Male	All Female	All Ops
	0.06	0.06	0.01	0.01
	1.1	1.1	0.04	0.04
	2	2	0.11	0.06
	5.9	5.9	0.12	0.12
	14	14	0.39	0.39
	0.01		0.46	0.46
	0.04		0.03	1.1
	0.12		0.04	2
	0.39			5.9
	0.46			14
	0.11			
	0.03			
	0.04			
Count	13	5	8	10
Average	1.87	4.61	0.15	2.41
Std Dev	3.99	5.69	0.18	4.45
Median	0.12	2.00	0.08	0.43

DATA SUMMARY

Chemical: Perfluorooctanoic Acid

Site: Washington Works, Parkersburg, West Virginia

Date of Monitoring: 1985

Matrix: PFOA in Whole Blood

Operation: Teflon®

Job Title	Number Sampled	Minimum Concentration (ppm)	Mean (ppm)	Median (ppm)	Maximum Concentration (ppm)	Standard Deviation
Entire Cohort	88	0.03	2.02	0.76	18	3.58
Males	71	0.03	2.27	0.79	18	3.84
Females	17	0.03	0.97	0.51	8.2	1.92
Operators	85	0.03	2.08	0.77	18	3.63
Males	68	0.03	2.36	0.84	18	3.90
Females	17	0.03	0.97	0.51	8.2	1.92
Mechanics	3	0.2	0.30	0.23	0.46	0.14
Males	3	0.2	0.30	0.23	0.46	0.14
Females	0	-	-	-	-	-
Laboratorians	0	-	-	-	-	-
Males	0	-	-	-	-	-
Females	0	-	-	-	-	-
Supervision	0	-	-	-	-	-
Males	0	-	-	-	-	-
Females	0	-	-	-	-	-

Comments:

- Samples analyzed by National Medical Services
- Data extracted from WW site database by site industrial hygienist Tony Playtis
- Descriptive statistics calculated using Microsoft Excel
- Operation indicates works assignment of person at time of sample and does not reflect past work history

Prepared by: Barbara J. Dawson, CIH, CSP
Date of Preparation: November 20, 2004

000546

DuPont Company
PFOA in Blood
Washington Works
1985 Teflon Summary

All	AllMale	All Oper
0.03	0.03	0.03
0.03	0.04	0.03
0.04	0.05	0.04
0.05	0.06	0.05
0.05	0.06	0.05
0.06	0.06	0.06
0.06	0.06	0.06
0.06	0.06	0.06
0.06	0.09	0.06
0.06	0.09	0.06
0.06	0.1	0.06
0.07	0.16	0.07
0.08	0.19	0.08
0.09	0.2	0.09
0.09	0.23	0.09
0.1	0.26	0.1
0.1	0.27	0.1
0.16	0.31	0.16
0.19	0.33	0.19
0.2	0.39	0.26
0.23	0.4	0.27
0.26	0.45	0.31
0.27	0.45	0.33
0.31	0.46	0.33
0.33	0.5	0.39
0.33	0.54	0.4
0.39	0.55	0.4
0.4	0.59	0.45
0.4	0.63	0.45
0.45	0.7	0.5
0.45	0.74	0.51
0.46	0.75	0.54
0.5	0.76	0.54
0.51	0.76	0.55
0.54	0.77	0.59
0.54	0.79	0.63
0.55	0.84	0.7
0.59	0.84	0.72
0.63	0.96	0.74
0.7	1	0.75
0.72	1.1	0.76
0.74	1.1	0.76
0.75	1.2	0.77
0.76	1.2	0.77
0.76	1.2	0.79
0.77	1.3	0.84
0.77	2	0.84
0.79	2	0.88
0.84	2.22	0.96
0.84	2.3	0.97

DuPont Company
PFOA in Blood
Washington Works
1985 Teflon Summary.

All	AllMale	All Oper
0.88	2.4	1
0.96	2.41	1.1
0.97	2.45	1.1
1	2.5	1.19
1.1	2.5	1.2
1.1	2.6	1.2
1.19	2.6	1.2
1.2	2.6	1.3
1.2	2.7	1.56
1.2	2.9	2
1.3	3	2
1.56	3.4	2.22
2	3.4	2.3
2	4.2	2.4
2.22	8.4	2.41
2.3	9.2	2.45
2.4	10.4	2.5
2.41	11.2	2.5
2.45	14.5	2.6
2.5	18	2.6
2.5	18	2.6
2.6		2.7
2.6		2.9
2.6		3
2.7		3.4
2.9		3.4
3		4.2
3.4		8.2
3.4		8.4
4.2		9.2
8.2		10.4
8.4		11.2
9.2		14.5
10.4		18
11.2		18
14.5		
18		
18		
Count	88	71
Average	2.02	2.27
Std Dev	3.58	3.84
Median	0.76	0.79

DuPont Company
PFOA in Blood
Washington Works - Teflon - 1985

Operators		Mechanics
Male	Female	Male
0.03	0.03	0.2
0.04	0.05	0.23
0.05	0.06	0.46
0.06	0.07	
0.06	0.08	
0.06	0.1	
0.06	0.33	
0.06	0.4	
0.09	0.51	
0.09	0.54	
0.1	0.72	
0.16	0.77	
0.19	0.88	
0.26	0.97	
0.27	1.19	
0.31	1.56	
0.33	8.2	
0.39		
0.4		
0.45		
0.45		
0.5		
0.54		
0.55		
0.59		
0.63		
0.7		
0.74		
0.75		
0.76		
0.76		
0.77		
0.79		
0.84		
0.84		
0.96		
1		
1.1		
1.1		
1.2		
1.2		
1.2		
1.3		
2		
2		
2.22		
2.3		
2.4		
2.41		
2.45		

DuPont Company
PFOA in Blood
Washington Works - Teflon - 1985

1

Operators		Mechanics
Male	Female	Male
2.5		
2.5		
2.6		
2.6		
2.6		
2.7		
2.9		
3		
3.4		
3.4		
4.2		
8.4		
9.2		
10.4		
11.2		
14.5		
18		
18		
68	17	3
2.36	0.97	0.30
3.90	1.92	0.14
0.84	0.51	0.23
		Count
		Average
		Std Dev
		Median

DATA SUMMARY

Chemical: Perfluorooctanoic Acid

Site: Washington Works, Parkersburg, West Virginia

Date of Monitoring: 1986

Matrix: PFOA in Whole Blood

Operation: Teflon®

Job Title	Number Sampled	Minimum Concentration (ppm)	Mean (ppm)	Median (ppm)	Maximum Concentration (ppm)	Standard Deviation
Entire Cohort	65	0.04	2.09	0.81	24	3.83
Males	55	0.04	2.11	0.80	24	3.91
Females	10	0.16	1.97	0.99	12	3.55
Operators	60	0.04	2.22	0.87	24	3.96
Males	51	0.04	2.24	0.81	24	4.03
Females	9	0.16	2.10	1.00	12	3.73
Mechanics	4	0.31	0.51	0.42	0.9	0.27
Males	4	0.31	0.51	0.42	0.9	0.27
Females	0	-	-	-	-	-
Laboratorians	0	-	-	-	-	-
Males	0	-	-	-	-	-
Females	0	-	-	-	-	-
Supervision	1	0.78	0.78	0.78	0.78	-
Males	0	-	-	-	-	-
Females	1	0.78	0.78	0.78	0.78	-

Comments:

- Samples analyzed by National Medical Services
- Data extracted from WW site database by site industrial hygienist Tony Playtis
- Descriptive statistics calculated using Microsoft Excel
- Operation indicates work assignment of person at time of sample and does not reflect past work history

Prepared by: Barbara J. Dawson, CIH, CSP
Date of Preparation: November 21, 2004

000551

DuPont Company
PFOA in Blood
Washington Works - Teflon - 1986

Teflon				
Operator		Mechanic	Supervision	
Male	Female	Male	Female	
0.04	0.16	0.31	0.78	
0.08	0.38	0.33		
0.08	0.67	0.5		
0.09	0.97	0.9		
0.11	1			
0.11	1.1			
0.15	1.3			
0.2	1.3			
0.2	12			
0.21				
0.22				
0.25				
0.32				
0.32				
0.45				
0.49				
0.5				
0.5				
0.51				
0.55				
0.58				
0.6				
0.69				
0.75				
0.8				
0.81				
0.83				
0.91				
1				
1				
1				
1.1				
1.2				
1.3				
1.5				
1.6				
1.8				
2.3				
2.8				
2.8				
2.9				
3.1				
3.8				
3.9				
4.3				
4.8				
6.5				
7				
10				

DuPont Company
PFOA in Blood
Washington Works - Teflon - 1986

Teflon				
Operator		Mechanic	Supervision	
Male	Female	Male	Female	
13				
24				
51	9	4		Count
2.24	2.10	0.51		Average
4.03	3.73	0.27		Std Dev
0.81	1.00	0.42		Median

DuPont Company
PFOA in Blood
Washington Works - Teflon
1986 Summary

All	All Male	All Female	All Oper
0.04	0.04	0.16	0.04
0.08	0.08	0.38	0.08
0.08	0.08	0.67	0.08
0.09	0.09	0.78	0.09
0.11	0.11	0.97	0.11
0.11	0.11	1	0.11
0.15	0.15	1.1	0.15
0.16	0.2	1.3	0.2
0.2	0.2	1.3	0.2
0.2	0.21	12	0.21
0.21	0.22		0.22
0.22	0.25		0.25
0.25	0.31		0.32
0.31	0.32		0.32
0.32	0.32		0.45
0.32	0.33		0.49
0.33	0.45		0.5
0.38	0.49		0.5
0.45	0.5		0.51
0.49	0.5		0.55
0.5	0.5		0.58
0.5	0.51		0.6
0.5	0.55		0.69
0.51	0.58		0.75
0.55	0.6		0.8
0.58	0.69		0.81
0.6	0.75		0.83
0.67	0.8		0.91
0.69	0.81		1
0.75	0.83		1
0.78	0.9		1
0.8	0.91		1.1
0.81	1		1.2
0.83	1		1.3
0.9	1		1.5
0.91	1.1		1.6
0.97	1.2		1.8
1	1.3		2.3
1	1.5		2.8
1	1.6		2.8
1	1.8		2.9
1.1	2.3		3.1
1.1	2.8		3.8
1.2	2.8		3.9
1.3	2.9		4.3
1.3	3.1		4.8
1.3	3.8		6.5
1.5	3.9		7

DuPont Company
PFOA in Blood
Washington Works - Teflon
1986 Summary

	All	All Male	All Female	All Oper
	1.6	4.3		10
	1.8	4.8		13
	2.3	6.5		24
	2.8	7		0.16
	2.8	10		0.38
	2.9	13		0.67
	3.1	24		0.97
	3.8			1
	3.9			1.1
	4.3			1.3
	4.8			1.3
	6.5			12
	7			
	10			
	12			
	13			
	24			
Count	65	55	10	60
Average	2.09	2.11	1.97	2.22
Std Dev	3.83	3.91	3.55	3.96
Median	0.81	0.80	0.99	0.87

DATA SUMMARY

Chemical: Perfluorooctanoic Acid

Site: Washington Works, Parkersburg, West Virginia

Date of Monitoring: 1987

Matrix: PFOA in Whole Blood

Operation: Teflon®

Job Title	Number Sampled	Minimum Concentration (ppm)	Mean (ppm)	Median (ppm)	Maximum Concentration (ppm)	Standard Deviation
Entire Cohort	33	0.03	2.10	1.2	11	2.61
Males	23	0.03	2.38	1.30	11	2.73
Females	10	0.04	1.47	0.66	7.7	2.32
Operators	33	0.03	2.10	1.2	11	2.61
Males	23	0.03	2.38	1.30	11	2.73
Females	10	0.04	1.47	0.66	7.7	2.32
Mechanics	0	-	-	-	-	-
Males	0	-	-	-	-	-
Females	0	-	-	-	-	-
Laboratorians	0	-	-	-	-	-
Males	0	-	-	-	-	-
Females	0	-	-	-	-	-
Supervision	0	-	-	-	-	-
Males	0	-	-	-	-	-
Females	0	-	-	-	-	-

Comments:

- Samples analyzed by National Medical Services
- Data extracted from WW site database by site industrial hygienist Tony Playtis
- Descriptive statistics calculated using Microsoft Excel
- Operation indicates work assignment of person at time of sample and does not reflect past work history

Prepared by: Barbara J. Dawson, CIH, CSP
Date of Preparation: November 21, 2004

000556

DuPont Company
PFOA in Blood
Washington Works - Teflon - 1987

Operator		
Male	Female	
0.03	0.04	
0.04	0.05	
0.05	0.06	
0.41	0.15	
0.74	0.64	
0.87	0.68	
1	1.6	
1.1	1.8	
1.1	2	
1.2	7.7	
1.2		
1.3		
1.4		
1.8		
1.8		
2.1		
2.3		
3		
3.8		
4.1		
6		
8.3		
11		
23	10	Count
2.38	1.47	Average
2.73	2.32	St Dev
1.30	0.66	Median

All Op	
0.03	
0.04	
0.04	
0.05	
0.05	
0.06	
0.15	
0.41	
0.64	
0.68	
0.74	
0.87	
1	
1.1	
1.1	
1.2	
1.2	
1.3	
1.4	
1.6	
1.8	
1.8	
1.8	
2	
2.1	
2.3	
3	
3.8	
4.1	
6	
7.7	
8.3	
11	
Count	33
Average	2.10
St Dev	2.61
Median	1.20

DATA SUMMARY

Chemical: Perfluorooctanoic Acid

Site: Washington Works, Parkersburg, West Virginia

Date of Monitoring: 1988

Matrix: PFOA in Whole Blood

Operation: Teflon®

Job Title	Number Sampled	Minimum Concentration (ppm)	Mean (ppm)	Median (ppm)	Maximum Concentration (ppm)	Standard Deviation
Entire Cohort	36	0.05	1.46	0.76	8	1.88
Males	25	0.09	1.84	0.77	8	2.13
Females	10	0.05	0.66	0.61	1.6	0.55
Operators	34	0.05	1.54	0.79	8	1.90
Males	24	0.09	1.91	0.79	8	2.14
Females	10	0.05	0.66	0.61	1.6	0.55
Mechanics	0	-	-	-	-	-
Males	0	-	-	-	-	-
Females	0	-	-	-	-	-
Laboratorians	0	-	-	-	-	-
Males	0	-	-	-	-	-
Females	0	-	-	-	-	-
Supervision	1	0.09	0.09	0.09	0.09	-
Males	1	0.09	0.09	0.09	0.09	-
Females	0	-	-	-	-	-

Comments:

- Samples analyzed by National Medical Services
- Data extracted from WW site database by site industrial hygienist Tony Playtis
- Descriptive statistics calculated using Microsoft Excel
- Operation indicates work assignment of person at time of sample and does not reflect past work history

Prepared by: Barbara J. Dawson, CIH, CSP
Date of Preparation: December 6, 2004

000558

DuPont Company
PFOA in Blood
Washington Works - 1988

Teflon			Non-Teflon
Operator		Supervision	Laboratorian
Male	Female	Male	Female
3.4	0.2	0.09	0.1
2.9	0.9		
0.26	0.86		
2.7	0.26		
0.74	0.09		
7	0.9		
1.7	1.4		
0.81	1.6		
0.4	0.36		
0.26	0.05		
1.7			
0.72			
0.24			
0.16			
0.23			
0.15			
0.77			
8			
2.6			
0.57			
3.4			
4.2			
2.8			
0.09			
24	10	1	1
1.91	0.66	0.09	0.10
2.14	0.55		
0.79	0.61	0.09	0.10

DuPont Company
PFOA in Blood
Washington Works - Teflon
1988 Summary

	All	All Male	All Op
	0.05	0.09	0.05
	0.09	0.09	0.09
	0.09	0.15	0.09
	0.15	0.16	0.15
	0.16	0.23	0.16
	0.2	0.24	0.2
	0.23	0.26	0.23
	0.24	0.26	0.24
	0.26	0.4	0.26
	0.26	0.57	0.26
	0.26	0.72	0.26
	0.36	0.74	0.36
	0.4	0.77	0.4
	0.57	0.81	0.57
	0.72	1.7	0.72
	0.74	1.7	0.74
	0.77	2.6	0.77
	0.81	2.7	0.81
	0.86	2.8	0.86
	0.9	2.9	0.9
	0.9	3.4	0.9
	1.4	3.4	1.4
	1.6	4.2	1.6
	1.7	7	1.7
	1.7	8	1.7
	2.6		2.6
	2.7		2.7
	2.8		2.8
	2.9		2.9
	3.4		3.4
	3.4		3.4
	4.2		4.2
	7		7
	8		8
	0.09		
	0.1		
Count	36	25	34
Average	1.46	1.84	1.54
Std Dev	1.88	2.13	1.90
Median	0.76	0.77	0.79

DuPont Company
PFOA in Blood
Washington Works - Teflon
1988 Summary

	All	All Male	All Op
	0.05	3.4	0.2
	0.09	2.9	0.9
	0.09	0.26	0.86
	0.15	2.7	0.26
	0.16	0.74	0.09
	0.2	7	0.9
	0.23	1.7	1.4
	0.24	0.81	1.6
	0.26	0.4	0.36
	0.26	0.26	0.05
	0.26	1.7	3.4
	0.36	0.72	2.9
	0.4	0.24	0.26
	0.57	0.16	2.7
	0.72	0.23	0.74
	0.74	0.15	7
	0.77	0.77	1.7
	0.81	8	0.81
	0.86	2.6	0.4
	0.9	0.57	0.26
	0.9	3.4	1.7
	1.4	4.2	0.72
	1.6	2.8	0.24
	1.7	0.09	0.16
	1.7	0.09	0.23
	2.6		0.15
	2.7		0.77
	2.8		8
	2.9		2.6
	3.4		0.57
	3.4		3.4
	4.2		4.2
	7		2.8
	8		0.09
	0.09		
	0.1		
Count	35	25	34
Average	1.50	1.84	1.54
Std Dev	1.89	2.13	1.90
Median	0.77	0.77	0.79

DATA SUMMARY

Chemical: Perfluorooctanoic Acid

Site: Washington Works, Parkersburg, West Virginia

Date of Monitoring: 1988

Matrix: PFOA in Whole Blood

Operation: Non-Teflon®

Job Title	Number Sampled	Minimum Concentration (ppm)	Mean (ppm)	Median (ppm)	Maximum Concentration (ppm)	Standard Deviation
Entire Cohort	1	0.1	0.1	0.1	0.1	-
Males	0	-	-	-	-	-
Females	1	0.1	0.1	0.1	0.1	-
Operators	0	-	-	-	-	-
Males	0	-	-	-	-	-
Females	0	-	-	-	-	-
Mechanics	0	-	-	-	-	-
Males	0	-	-	-	-	-
Females	0	-	-	-	-	-
Laboratorians	1	0.1	0.1	0.1	0.1	-
Males	0	-	-	-	-	-
Females	1	0.1	0.1	0.1	0.1	-
Supervision	0	-	-	-	-	-
Males	0	-	-	-	-	-
Females	0	-	-	-	-	-

Comments:

- Samples analyzed by National Medical Services
- Data extracted from WW site database by site industrial hygienist Tony Playtis
- Descriptive statistics calculated using Microsoft Excel
- Operation indicates work assignment of person at time of sample and does not reflect past work history

Prepared by: Barbara J. Dawson, CIH, CSP
Date of Preparation: November 20, 2004

000562

DATA SUMMARY

Chemical: Perfluorooctanoic Acid

Site: Washington Works, Parkersburg, West Virginia

Date of Monitoring: 1989

Matrix: PFOA in Whole Blood

Operation: Teflon®

Job Title	Number Sampled	Minimum Concentration (ppm)	Mean (ppm)	Median (ppm)	Maximum Concentration (ppm)	Standard Deviation
Entire Cohort	41	0.08	2.00	0.91	11.1	2.45
Males	31	0.08	2.22	1.00	11.1	2.57
Females	10	0.09	1.33	0.30	5.6	2.02
Operators	41	0.08	2.00	0.91	11.1	2.45
Males	31	0.08	2.22	1.00	11.1	2.57
Females	10	0.09	1.33	0.30	5.6	2.02
Mechanics	0	-	-	-	-	-
Males	0	-	-	-	-	-
Females	0	-	-	-	-	-
Laboratorians	0	-	-	-	-	-
Males	0	-	-	-	-	-
Females	0	-	-	-	-	-
Supervision	0	-	-	-	-	-
Males	0	-	-	-	-	-
Females	0	-	-	-	-	-

Comments:

- Samples analyzed by National Medical Services
- Data extracted from WW site database by site industrial hygienist Tony Playtis
- Descriptive statistics calculated using Microsoft Excel
- Operation indicates work assignment of person at time of sample and does not reflect past work history

Prepared by: Barbara J. Dawson, CIH, CSP
Date of Preparation: November 21, 2004

000563

DATA SUMMARY

Chemical: Perfluorooctanoic Acid

Site: Washington Works, Parkersburg, West Virginia

Date of Monitoring: 1989

Matrix: PFOA in Whole Blood

Operation: Non-Teflon®

Job Title	Number Sampled	Minimum Concentration (ppm)	Mean (ppm)	Median (ppm)	Maximum Concentration (ppm)	Standard Deviation
Entire Cohort	1	1.6	1.6	1.6	1.6	-
Males	1	1.6	1.6	1.6	1.6	-
Females	0	-	-	-	-	-
Operators	1	1.6	1.6	1.6	1.6	-
Males	1	1.6	1.6	1.6	1.6	-
Females	0	-	-	-	-	-
Mechanics	0	-	-	-	-	-
Males	0	-	-	-	-	-
Females	0	-	-	-	-	-
Laboratorians	0	-	-	-	-	-
Males	0	-	-	-	-	-
Females	0	-	-	-	-	-
Supervision	0	-	-	-	-	-
Males	0	-	-	-	-	-
Females	0	-	-	-	-	-

Comments:

- Samples analyzed by National Medical Services
- Data extracted from VW site database by site industrial hygienist Tony Playtis
- Descriptive statistics calculated using Microsoft Excel
- Operation indicates work assignment of person at time of sample and does not reflect past work history

Prepared by: Barbara J. Dawson, CIH, CSP
Date of Preparation: November 20, 2004

000564

DuPont Company
PFOA in Blood
Washington Works - 1989

Teflon Operator		Non-Teflon Operator
Male	Female	Male
0.78	0.19	1.6
1	0.34	
2.9	0.13	
0.27	0.12	
0.67	0.71	
0.18	0.09	
1.3	1.4	
0.08	5.6	
5.7	4.5	
1.5	0.25	
0.72		
6		
0.4		
0.36		
2.8		
0.34		
2.7		
2.3		
0.36		
11.1		
0.98		
0.72		
2.9		
0.42		
6.2		
1.4		
6.3		
0.81		
5.4		
0.91		
1.3		
31	10	1
2.22	1.33	1.60
2.57	2.02	
1.00	0.30	1.60
		Count
		Average
		Std Dev
		Median

DuPont Company
PFOA in Blood
Washington Works - Teflon
1989 Summary

All	
	0.78
	1
	2.9
	0.27
	0.67
	0.18
	1.3
	0.08
	5.7
	1.5
	0.72
	6
	0.4
	0.36
	2.8
	0.34
	2.7
	2.3
	0.36
	11.1
	0.98
	0.72
	2.9
	0.42
	6.2
	1.4
	6.3
	0.81
	5.4
	0.91
	1.3
	0.19
	0.34
	0.13
	0.12
	0.71
	0.09
	1.4
	5.6
	4.5
	0.25
Count	41
Average	2.00
Std Dev	2.45
Median	0.91

DATA SUMMARY

Chemical: Perfluorooctanoic Acid

Site: Washington Works, Parkersburg, West Virginia

Date of Monitoring: 1990

Matrix: PFOA in Whole Blood

Operation: Teflon®

Job Title	Number Sampled	Minimum Concentration (ppm)	Mean (ppm)	Median (ppm)	Maximum Concentration (ppm)	Standard Deviation
Entire Cohort	22	0.04	0.57	0.26	4.29	0.93
Males	15	0.04	0.75	0.28	4.29	1.08
Females	7	0.04	0.17	0.09	0.43	0.16
Operators	22	0.04	0.57	0.26	4.29	0.93
Males	15	0.04	0.75	0.28	4.29	1.08
Females	7	0.04	0.17	0.09	0.43	0.16
Mechanics	0	-	-	-	-	-
Males	0	-	-	-	-	-
Females	0	-	-	-	-	-
Laboratorians	0	-	-	-	-	-
Males	0	-	-	-	-	-
Females	0	-	-	-	-	-
Supervision	0	-	-	-	-	-
Males	0	-	-	-	-	-
Females	0	-	-	-	-	-

Comments:

- Samples analyzed by National Medical Services
- Data extracted from WW site database by site industrial hygienist Tony Playtis
- Descriptive statistics calculated using Microsoft Excel
- Operation indicates work assignment of person at time of sample and does not reflect past work history

Prepared by: Barbara J. Dawson, CIH, CSP
Date of Preparation: November 21, 2004

000567

DuPont Company
Washington Works
PFOA in Blood - 1990

Teflon		
Operator		
Male	Female	
0.65	0.43	
0.45	0.06	
0.04	0.37	
0.25	0.09	
0.23	0.13	
0.95	0.06	
0.13	0.04	
0.58		
0.28		
0.27		
1.13		
0.22		
4.29		
0.14		
1.69		
15	7	Count
0.75	0.17	Average
1.08	0.16	Std Dev
0.28	0.09	Median

All	
0.04	
0.04	
0.06	
0.06	
0.09	
0.13	
0.13	
0.14	
0.22	
0.23	
0.25	
0.27	
0.28	
0.37	
0.43	
0.45	
0.58	
0.65	
0.95	
1.13	
1.69	
4.29	
22	Count
0.567273	Average
0.926597	Std Dev
0.26	Median

DATA SUMMARY

Chemical: Perfluorooctanoic Acid

Site: Washington Works, Parkersburg, West Virginia

Date of Monitoring: 1993

Matrix: PFOA in Whole Blood

Operation: Teflon®

Job Title	Number Sampled	Minimum Concentration (ppm)	Mean (ppm)	Median (ppm)	Maximum Concentration (ppm)	Standard Deviation
Entire Cohort	3	0.27	1.39	1.40	2.5	1.12
Males	1	1.4	1.4	1.4	1.4	-
Females	2	0.27	1.39	1.39	2.5	1.58
Operators	1	1.4	1.4	1.4	1.4	-
Males	1	1.4	1.4	1.4	1.4	-
Females	1	2.5	2.5	2.5	2.5	-
Mechanics	0	-	-	-	-	-
Males	0	-	-	-	-	-
Females	0	-	-	-	-	-
Laboratorians	0	-	-	-	-	-
Males	0	-	-	-	-	-
Females	0	-	-	-	-	-
Supervision	1	0.27	0.27	0.27	0.27	-
Males	0	-	-	-	-	-
Females	1	0.27	0.27	0.27	0.27	-

Comments:

- Samples analyzed by National Medical Services
- Data extracted from WW site database by site industrial hygienist Tony Playtis
- Descriptive statistics calculated using Microsoft Excel
- Operation indicates work assignment of person at time of sample and does not reflect past work history

Prepared by: Barbara J. Dawson, CIH, CSP
Date of Preparation: November 22, 2004

000569

DATA SUMMARY

Chemical: Perfluorooctanoic Acid

Site: Washington Works, Parkersburg, West Virginia

Date of Monitoring: 1993

Matrix: PFOA in Whole Blood

Operation: Non-Teflon®

Job Title	Number Sampled	Minimum Concentration (ppm)	Mean (ppm)	Median (ppm)	Maximum Concentration (ppm)	Standard Deviation
Entire Cohort	8	0.27	0.51	0.52	0.62	0.11
Males	2	0.47	0.53	0.53	0.58	0.08
Females	6	0.27	0.50	0.52	0.62	0.13
Operators	0	-	-	-	-	-
Males	0	-	-	-	-	-
Females	0	-	-	-	-	-
Mechanics	0	-	-	-	-	-
Males	0	-	-	-	-	-
Females	0	-	-	-	-	-
Laboratorians	8	0.27	0.51	0.52	0.62	0.11
Males	2	0.47	0.53	0.53	0.58	0.08
Females	6	0.27	0.50	0.52	0.62	0.13
Supervision	0	-	-	-	-	-
Males	0	-	-	-	-	-
Females	0	-	-	-	-	-

Comments:

- Samples analyzed by National Medical Services
- Data extracted from WWV site database by site industrial hygienist Tony Playtis
- Descriptive statistics calculated using Microsoft Excel
- Operation indicates work assignment of person at time of sample and does not reflect past work history

Prepared by: Barbara J. Dawson, CIH, CSP
Date of Preparation: November 20, 2004

000570

DuPont Company
PFOA in Blood
Washington Works 1993

Teflon			Non-Teflon			All T	All T F	All NT Lab
Operator		Supervision	Laboratorian			0.27	0.27	0.27
Male	Female	Female	Male	Female		1.4	2.5	0.47
1.4	2.5	0.27	0.47	0.27		2.5		0.48
			0.58	0.48				0.5
				0.5				0.54
				0.54				0.58
				0.6				0.6
				0.62				0.62
1	1	1	2	6	Count	3	2	8
			0.53	0.50	Average	1.39	1.39	0.51
			0.08	0.13	Std Dev	1.12	1.58	0.11
			0.53	0.52	Median	1.40	1.39	0.52

DATA SUMMARY

Chemical: Perfluorooctanoic Acid

Site: Washington Works, Parkersburg, West Virginia

Date of Monitoring: 1994

Matrix: PFOA in Whole Blood

Operation: Teflon®

Job Title	Number Sampled	Minimum Concentration (ppm)	Mean (ppm)	Median (ppm)	Maximum Concentration (ppm)	Standard Deviation
Entire Cohort	21	0.13	0.83	0.41	3.2	0.91
Males	18	0.13	0.73	0.41	3.2	0.85
Females	3	0.29	1.40	1.20	2.7	1.22
Operators	8	0.13	1.17	1.18	3.2	1.18
Males	7	0.13	1.16	0.41	3.2	1.28
Females	1	1.2	1.2	1.2	1.2	-
Mechanics	8	0.23	0.40	0.37	0.69	0.18
Males	8	0.23	0.40	0.37	0.69	0.18
Females	0	-	-	-	-	-
Laboratorians	4	0.41	1.14	0.72	2.7	1.05
Males	3	0.41	0.62	0.64	0.8	0.2
Females	1	2.7	2.7	2.7	2.7	-
Supervision	1	0.29	0.29	0.29	0.29	-
Males	0	-	-	-	-	-
Females	1	0.29	0.29	0.29	0.29	-

Comments:

- Samples analyzed by National Medical Services
- Data extracted from WW site database by site industrial hygienist Tony Playtis
- Descriptive statistics calculated using Microsoft Excel
- Operation indicates work assignment of person at time of sample and does not reflect past work history

Prepared by: Barbara J. Dawson, CIH, CSP
Date of Preparation: November 22, 2004

000572

DuPont Company
PFOA in Blood
Washington Works - Teflon - 1994

Teflon						
Operator		Mechanic	Laboratorian		Supervision	
Male	Female	Male	Male	Female	Female	
0.26	1.2	0.59	0.64	2.7	0.29	
0.14		0.5	0.8			
0.13		0.28	0.41			
0.41		0.4				
1.4		0.23				
3.2		0.33				
2.6		0.69				
		0.17				
7	1	8	3	1	1	Count
1.16		0.40	0.62			Average
1.28		0.18	0.20			Std Dev
0.41		0.37	0.64			Median

DuPont Company
PFOA in Blood
Washington Works - Teflon
1994 Summary

	All Tef	All Male	All Female	All Op	All Lab
	0.13	0.13	0.29	0.13	0.41
	0.14	0.14	1.2	0.14	0.64
	0.17	0.17	2.7	0.26	0.8
	0.23	0.23		0.41	2.7
	0.26	0.26		1.2	
	0.28	0.28		1.4	
	0.29	0.33		2.6	
	0.33	0.4		3.2	
	0.4	0.41			
	0.41	0.5			
	0.41	0.59			
	0.5	0.69			
	0.59	1.4			
	0.64	2.6			
	0.69	3.2			
	0.8	0.64			
	1.2	0.8			
	1.4	0.41			
	2.6				
	2.7				
	3.2				
Count	21	18	3	8	4
Average	0.83	0.73	1.40	1.17	1.14
Std Dev	0.91	0.85	1.22	1.18	1.05
Median	0.41	0.41	1.20	0.81	0.72

DATA SUMMARY

Chemical: Perfluorooctanoic Acid

Site: Washington Works, Parkersburg, West Virginia

Date of Monitoring: 1994

Matrix: PFOA in Whole Blood

Operation: Non-Teflon®

Job Title	Number Sampled	Minimum Concentration (ppm)	Mean (ppm)	Median (ppm)	Maximum Concentration (ppm)	Standard Deviation
Entire Cohort	31	0.08	0.31	0.31	0.11	0.17
Males	17	0.08	0.35	0.33	0.8	0.19
Females	14	0.09	0.28	0.28	0.56	0.14
Operators	7	0.08	0.24	0.23	0.48	0.14
Males	5	0.08	0.25	0.23	0.48	0.15
Females	2	0.09	0.21	0.21	0.32	0.16
Mechanics	5	0.2	0.38	0.45	0.47	0.12
Males	5	0.2	0.38	0.45	0.47	0.12
Females	0	-	-	-	-	-
Laboratorians	12	0.09	0.37	0.35	1.1	0.27
Males	3	0.16	0.58	0.49	1.1	0.48
Females	9	0.09	0.29	0.34	0.56	0.15
Supervision	7	0.11	0.20	0.16	0.4	0.10
Males	4	0.13	0.22	0.18	0.4	0.12
Females	3	0.11	0.18	0.16	0.28	0.09

Comments:

- Samples analyzed by National Medical Services
- Data extracted from WW site database by site industrial hygienist Tony Playtis
- Descriptive statistics calculated using Microsoft Excel
- Operation indicates work assignment of person at time of sample and does not reflect past work history

Prepared by: Barbara J. Dawson, CIH, CSP
Date of Preparation: November 20, 2004

000575

DuPont Company
PFOA in Blood
Washington Works - Non-Teflon - 1994

	Non-Teflon						
	Operator		Mechanic	Laboratorian		Supervision	
	Male	Female	Male	Male	Female	Male	Female
	0.23	0.09	0.46	0.16	0.36	0.2	0.28
	0.08	0.32	0.2	1.1	0.09	0.15	0.16
	0.48		0.45	0.49	0.17	0.4	0.11
	0.31		0.47		0.27	0.13	
	0.16		0.33		0.12		
					0.56		
					0.36		
					0.37		
					0.34		
Count	5	2	5	3	9	4	3
Average	0.25	0.21	0.38	0.58	0.29	0.22	0.18
Std Dev	0.15	0.16	0.12	0.48	0.15	0.12	0.09
Median	0.23	0.21	0.45	0.49	0.34	0.18	0.16

DuPont Company
PFOA in Blood
Washington Works - Non-Teflon
1994 Summary

	All	All Male	All Female	All Op	All Lab	All Sup
	0.08	0.08	0.09	0.08	0.09	0.11
	0.09	0.13	0.09	0.09	0.12	0.13
	0.09	0.15	0.11	0.16	0.16	0.15
	0.12	0.16	0.12	0.23	0.17	0.16
	0.13	0.2	0.16	0.31	0.27	0.2
	0.15	0.2	0.17	0.32	0.34	0.28
	0.16	0.23	0.27	0.48	0.36	0.4
	0.16	0.31	0.28		0.36	
	0.17	0.33	0.32		0.37	
	0.2	0.4	0.34		0.49	
	0.2	0.41	0.36		0.56	
	0.23	0.45	0.36		1.1	
	0.27	0.46	0.37			
	0.28	0.47	0.56			
	0.31	0.48				
	0.32	0.64				
	0.33	0.8				
	0.34					
	0.36					
	0.36					
	0.37					
	0.4					
	0.41					
	0.45					
	0.46					
	0.47					
	0.48					
	0.56					
	0.64					
	0.8					
	0.11					
Count	31	17	14	7	12	7
Average	0.31	0.35	0.26	0.24	0.37	0.20
Std Dev	0.17	0.19	0.14	0.14	0.27	0.10
Median	0.31	0.33	0.28	0.23	0.35	0.16

DATA SUMMARY

Chemical: Perfluorooctanoic Acid

Site: Washington Works, Parkersburg, West Virginia

Date of Monitoring: 1995

Matrix: PFOA in Whole Blood

Operation: Teflon®

Job Title	Number Sampled	Minimum Concentration (ppm)	Mean (ppm)	Median (ppm)	Maximum Concentration (ppm)	Standard Deviation
Entire Cohort	82	0.02	1.55	1.3	4.5	1.13
Males	68	0.02	1.66	1.4	4.5	1.24
Females	14	0.13	0.99	0.74	4	1.02
Operators	57	0.02	1.77	1.70	4.5	0.33
Males	44	0.02	2.01	1.95	4.5	1.25
Females	13	0.15	0.96	0.73	4	1.06
Mechanics	25	0.35	1.03	0.96	1.7	0.33
Males	24	0.35	1.02	0.96	1.7	0.33
Females	1	1.4	1.4	1.4	1.4	-
Laboratorians	0	-	-	-	-	-
Males	0	-	-	-	-	-
Females	0	-	-	-	-	-
Supervision	2	0.22	0.76	0.76	1.3	0.76
Males	2	0.22	0.76	0.76	1.3	0.76
Females	0	-	-	-	-	-

Comments:

- Samples analyzed by National Medical Services
- Data extracted from WW site database by site industrial hygienist Tony Playtis
- Descriptive statistics calculated using Microsoft Excel
- Operation indicates work assignment of person at time of sample and does not reflect past work history

Prepared by: Barbara J. Dawson, CIH, CSP
Date of Preparation: November 22, 2004

000578

DuPont Company
PFOA in Blood
Washington Works - Teflon - 1995

Teflon					
Operator		Mechanic		Supervision	
Male	Female	Male	Female	Male	
2	0.15	0.93	1.4	0.22	
3.1	0.74	0.88		1.3	
3	0.69	1.4			
0.14	1.7	0.58			
2.4	0.26	1.1			
4.2	0.32	1.5			
1.7	0.14	1.2			
1.7	0.13	0.69			
0.73	4	1.7			
0.47	0.74	0.93			
0.58	0.73	1.3			
1.1	1.5	1.4			
0.02	1.4	0.94			
2		0.96			
1.4		0.6			
2.7		1.2			
1.2		0.91			
1.7		1.2			
2		0.46			
0.69		0.93			
2.2		0.35			
2.6		1.1			
0.24		1.2			
2.5		0.95			
4.1					
0.55					
0.56					
3.6					
1.3					
2.1					
2.1					
2.1					
4.4					
1.9					
1.4					
4.5					
1.4					
4.2					
1.9					
2.8					
3.6					
1.9					
0.12					
3.5					

DuPont Company
PFOA in Blood
Washington Works - Teflon - 1995

Teflon					
Operator		Mechanic		Supervision	
Male	Female	Male	Female	Male	
44	13	24	1	2	Count
2.01	0.96	1.02		0.76	Average
1.25	1.06	0.33		0.76	Std Dev
1.95	0.73	0.96		0.76	Median

DuPont Company
PFOA in Blood
Washington Works - Teflon
1995 Summary

	All	All Male	All Fem	All Op	All Mech
	0.02	0.02	0.13	0.02	0.35
	0.12	0.12	0.14	0.12	0.46
	0.13	0.14	0.15	0.13	0.58
	0.14	0.24	0.26	0.14	0.6
	0.14	0.35	0.32	0.14	0.69
	0.15	0.46	0.69	0.15	0.88
	0.24	0.47	0.73	0.24	0.91
	0.26	0.55	0.74	0.26	0.93
	0.32	0.56	0.74	0.32	0.93
	0.35	0.58	1.4	0.47	0.93
	0.46	0.58	1.4	0.55	0.94
	0.47	0.6	1.5	0.56	0.95
	0.55	0.69	1.7	0.58	0.96
	0.56	0.69	4	0.69	1.1
	0.58	0.73		0.69	1.1
	0.58	0.88		0.73	1.2
	0.6	0.91		0.73	1.2
	0.69	0.93		0.74	1.2
	0.69	0.93		0.74	1.2
	0.69	0.93		1.1	1.3
	0.73	0.94		1.2	1.4
	0.73	0.95		1.3	1.4
	0.74	0.96		1.4	1.4
	0.74	1.1		1.4	1.5
	0.88	1.1		1.4	1.7
	0.91	1.1		1.4	
	0.93	1.2		1.5	
	0.93	1.2		1.7	
	0.93	1.2		1.7	
	0.94	1.2		1.7	
	0.95	1.2		1.7	
	0.96	1.3		1.9	
	1.1	1.3		1.9	
	1.1	1.4		1.9	
	1.1	1.4		2	
	1.2	1.4		2	
	1.2	1.4		2	
	1.2	1.4		2.1	
	1.2	1.5		2.1	
	1.2	1.7		2.1	
	1.3	1.7		2.2	
	1.3	1.7		2.4	
	1.4	1.7		2.5	
	1.4	1.9		2.6	
	1.4	1.9		2.7	
	1.4	1.9		2.8	
	1.4	2		3	
	1.4	2		3.1	
	1.4	2		3.5	

From Washington Works FLAIR Database

Prepared November 20, 2004
Barbara J. Dawson, CIH, CSP

000581

DuPont Company
PFOA in Blood
Washington Works - Teflon
1995 Summary

	All	All Male	All Fem	All Op	All Mech
	1.5	2.1		3.6	
	1.5	2.1		3.6	
	1.7	2.1		4	
	1.7	2.2		4.1	
	1.7	2.4		4.2	
	1.7	2.5		4.2	
	1.7	2.6		4.4	
	1.9	2.7		4.5	
	1.9	2.8			
	1.9	3			
	2	3.1			
	2	3.5			
	2	3.6			
	2.1	3.6			
	2.1	4.1			
	2.1	4.2			
	2.2	4.2			
	2.4	4.4			
	2.5	4.5			
	2.6				
	2.7				
	2.8				
	3				
	3.1				
	3.5				
	3.6				
	3.6				
	4				
	4.1				
	4.2				
	4.2				
	4.4				
	4.5				
Count	82	68	14	57	25
Average	1.55	1.66	0.99	1.77	1.03
Std Dev	1.13	1.12	1.02	1.28	0.33
Median	1.30	1.40	0.74	1.70	0.96

DATA SUMMARY

Chemical: Perfluorooctanoic Acid

Site: Washington Works, Parkersburg, West Virginia

Date of Monitoring: 1995

Matrix: PFOA in Whole Blood

Operation: Non-Teflon®

Job Title	Number Sampled	Minimum Concentration (ppm)	Mean (ppm)	Median (ppm)	Maximum Concentration (ppm)	Standard Deviation
Entire Cohort	31	0.08	0.92	0.45	4.3	1.08
Males	19	0.08	1.07	0.57	4.3	1.26
Females	12	0.14	0.70	0.72	2.1	0.69
Operators	13	0.08	1.08	0.72	4.3	1.23
Males	11	0.08	1.24	0.94	4.3	1.28
Females	2	0.14	0.22	0.22	0.3	0.11
Mechanics	3	0.31	0.56	0.37	1	0.38
Males	2	0.31	0.34	0.34	0.37	0.04
Females	1	1.0	1.0	1.0	1.0	-
Laboratorians	13	0.14	0.52	0.40	2.1	0.50
Males	5	0.14	0.40	0.40	0.65	0.18
Females	8	0.14	0.60	0.40	2.1	0.62
Supervision	2	2.1	3.05	3.05	4	1.34
Males	1	1.0	1.0	1.0	1.0	-
Females	1	2.1	2.1	2.1	2.1	-

Comments:

- Samples analyzed by National Medical Services
- Data extracted from WW site database by site industrial hygienist Tony Playtis
- Descriptive statistics calculated using Microsoft Excel
- Operation indicates work assignment of person at time of sample and does not reflect past work history

Prepared by: Barbara J. Dawson, CIH, CSP
Date of Preparation: November 20, 2004

000583

DuPont Company
PFOA in Blood
Washington Works - Non-Teflon - 1995

	Non-Teflon							
	Operator		Mechanic		Laboratorian		Supervision	
	Male	Female	Male	Female	Male	Female	Male	Female
	0.09	0.14	0.37	1	0.14	0.33	4	2.1
	1.1	0.3	0.31		0.45	0.14		
	4.3				0.4	0.56		
	0.57				0.65	2.1		
	2.4				0.38	0.32		
	0.08					0.43		
	0.72					0.56		
	1.1					0.36		
	0.94							
	0.11							
	2.2							
Count	11	2	2	1	5	8	1	2.1
Average	1.24	0.22	0.34	1.00	0.40	0.60	1.00	2.10
Std Dev	1.28	0.11	0.04		0.18	0.62		
Median	0.94	0.22	0.34	1.00	0.40	0.40	1.00	2.10

DuPont Company
PFOA in Blood
Washington Works - Non-Teflon
1995 Summary

	All	All Male	All Fem	All Op	All Mech	All Lab	All Sup
	0.08	0.08	0.14	0.08	0.31	0.14	2.1
	0.09	0.09	0.14	0.09	0.37	0.14	4
	0.11	0.11	0.3	0.11	1	0.32	
	0.14	0.14	0.32	0.14		0.33	
	0.14	0.31	0.33	0.3		0.36	
	0.14	0.37	0.36	0.57		0.38	
	0.3	0.38	0.43	0.72		0.4	
	0.31	0.4	0.56	0.94		0.43	
	0.32	0.45	0.56	1.1		0.45	
	0.33	0.57	1	1.1		0.56	
	0.36	0.65	2.1	2.2		0.56	
	0.37	0.72	2.1	2.4		0.65	
	0.38	0.94		4.3		2.1	
	0.4	1.1					
	0.43	1.1					
	0.45	2.2					
	0.56	2.4					
	0.56	4					
	0.57	4.3					
	0.65						
	0.72						
	0.94						
	1						
	1.1						
	1.1						
	2.1						
	2.1						
	2.2						
	2.4						
	4						
	4.3						
Count	31	19	12	13	3	13	2
Average	0.92	1.07	0.70	1.08	0.56	0.52	3.05
Std Dev	1.08	1.26	0.69	1.23	0.38	0.50	1.34
Median	0.45	0.57	0.40	0.72	0.37	0.40	3.05

DATA SUMMARY

Chemical: Perfluorooctanoic Acid

Site: Washington Works, Parkersburg, West Virginia

Date of Monitoring: 1996

Matrix: PFOA in Whole Blood

Operation: Teflon®

Job Title	Number Sampled	Minimum Concentration (ppm)	Mean (ppm)	Median (ppm)	Maximum Concentration (ppm)	Standard Deviation
Entire Cohort	14	0.09	1.10	0.62	3	0.97
Males	11	0.09	1.05	0.38	3	1.06
Females	3	0.61	1.27	1.40	1.8	0.61
Operators	6	0.25	1.45	1.31	3	1.20
Males	5	0.25	1.62	2.0	3	1.26
Females	1	0.61	0.61	0.61	0.61	-
Mechanics	1	1.8	1.8	1.8	1.8	-
Males	1	1.8	1.8	1.8	1.8	-
Females	0	-	-	-	-	-
Laborators	1	0.26	0.26	0.26	0.26	-
Males	1	0.26	0.26	0.26	0.26	-
Females	0	-	-	-	-	-
Supervision	6	0.09	0.76	0.51	1.8	0.68
Males	4	0.09	0.35	0.33	0.63	0.22
Females	2	1.4	1.6	1.6	1.8	0.28

Comments:

- Samples analyzed by National Medical Services
- Data extracted from WW site database by site industrial hygienist Tony Playtis
- Descriptive statistics calculated using Microsoft Excel
- Operation indicates work assignment of person at time of sample and does not reflect past work history

Prepared by: Barbara J. Dawson, CIH, CSP
Date of Preparation: November 22, 2004

000586

DuPont Company
PFOA in Blood
Washington Works - Teflon - 1996

Teflon						
Operator		Mechanic	Laboratorian	Supervision		
Male	Female	Male	Male	Male	Female	
0.35	0.61	1.8	0.26	0.28	1.8	
2				0.09	1.4	
2.5				0.63		
0.25				0.38		
3						
5	1	1	1	4	2	Count
1.62	0.61	1.80	0.26	0.35	1.60	Average
1.26				0.22	0.28	Std Dev
2.00	0.61	1.80	0.26	0.33	1.60	Median

DuPont Company
PFOA in Blood
Washington Works - Teflon
1996 Summary

	All	All Male	All Female	All Op	All Sup
	0.09	0.09	0.61	0.25	0.09
	0.25	0.25	1.4	0.35	0.28
	0.26	0.26	1.8	0.61	0.38
	0.28	0.28		2	0.63
	0.35	0.35		2.5	1.4
	0.38	0.38		3	1.8
	0.61	0.63			
	0.63	1.8			
	1.4	2			
	1.8	2.5			
	1.8	3			
	2				
	2.5				
	3				
Count	14	11	3	6	6
Average	1.10	1.05	1.27	1.45	0.76
Std Dev	0.97	1.06	0.61	1.20	0.68
Median	0.62	0.38	1.40	1.31	0.51

DATA SUMMARY

Chemical: Perfluorooctanoic Acid

Site: Washington Works, Parkersburg, West Virginia

Date of Monitoring: 1996

Matrix: PFOA in Whole Blood

Operation: Non-Teflon®

Job Title	Number Sampled	Minimum Concentration (ppm)	Mean (ppm)	Median (ppm)	Maximum Concentration (ppm)	Standard Deviation
Entire Cohort	7	0.15	0.63	0.56	1.8	0.54
Males	6	0.25	0.44	0.51	1.8	0.20
Females	1	0.15	0.15	0.15	0.15	-
Operators	2	0.25	0.43	0.43	0.6	0.25
Males	2	0.25	0.43	0.43	0.6	0.25
Females	0	-	-	-	-	-
Mechanics	0	-	-	-	-	-
Males	0	-	-	-	-	-
Females	0	-	-	-	-	-
Laboratorians	4	0.45	0.86	0.59	1.8	0.63
Males	4	0.45	0.86	0.59	1.8	0.63
Females	0	-	-	-	-	-
Supervision	1	0.15	0.15	0.15	0.15	-
Males	0	-	-	-	-	-
Females	1	0.15	0.15	0.15	0.15	-

Comments:

- Samples analyzed by National Medical Services
- Data extracted from WW site database by site industrial hygienist Tony Playtis
- Descriptive statistics calculated using Microsoft Excel
- Operation indicates work assignment of person at time of sample and does not reflect past work history

Prepared by: Barbara J. Dawson, CIH, CSP
Date of Preparation: November 20, 2004

000589

DuPont Company
PFOA in Blood
Washington Works - Non-Teflon - 1996

	Non-Teflon			All	All Male
	Operator	Laboratorian	Supervision	0.15	0.25
	Male	Male	Female	0.25	0.45
	0.6	1.8	0.15	0.45	0.56
	0.25	0.45		0.56	0.6
		0.62		0.6	0.62
		0.56		0.62	1.8
				1.8	
Count	2	4	1	7	6
Average	0.43	0.86		0.63	0.44
Std Dev	0.25	0.63		0.54	0.20
Median	0.43	0.59		0.56	0.51

DATA SUMMARY

Chemical: Perfluorooctanoic Acid

Site: Washington Works, Parkersburg, West Virginia

Date of Monitoring: 1997

Matrix: PFOA in Whole Blood

Operation: Teflon®

Job Title	Number Sampled	Minimum Concentration (ppm)	Mean (ppm)	Median (ppm)	Maximum Concentration (ppm)	Standard Deviation
Entire Cohort	2	0.14	0.18	0.18	0.22	0.06
Males	0	-	-	-	-	-
Females	2	0.14	0.18	0.18	0.22	0.06
Operators	1	0.22	0.22	0.22	0.22	-
Males	0	-	-	-	-	-
Females	1	0.22	0.22	0.22	0.22	-
Mechanics	0	-	-	-	-	-
Males	0	-	-	-	-	-
Females	0	-	-	-	-	-
Laboratorians	1	0.14	0.14	0.14	0.14	-
Males	0	-	-	-	-	-
Females	1	0.14	0.14	0.14	0.14	-
Supervision	0	-	-	-	-	-
Males	0	-	-	-	-	-
Females	0	-	-	-	-	-

Comments:

- Samples analyzed by National Medical Services
- Data extracted from WW site database by site industrial hygienist Tony Playtis
- Descriptive statistics calculated using Microsoft Excel
- Operation indicates work assignment of person at time of sample and does not reflect past work history

Prepared by: Barbara J. Dawson, CIH, CSP
Date of Preparation: November 22, 2004

000591

DATA SUMMARY

Chemical: Perfluorooctanoic Acid

Site: Washington Works, Parkersburg, West Virginia

Date of Monitoring: 1997

Matrix: PFOA in Whole Blood

Operation: Non-Teflon®

Job Title	Number Sampled	Minimum Concentration (ppm)	Mean (ppm)	Median (ppm)	Maximum Concentration (ppm)	Standard Deviation
Entire Cohort	10	0	0.29	0.27	0.56	0.17
Males	3	0.18	0.36	0.35	0.54	0.18
Females	7	0	0.26	0.22	0.56	0.16
Operators	0	-	-	-	-	-
Males	0	-	-	-	-	-
Females	0	-	-	-	-	-
Mechanics	1	0.18	0.18	0.18	0.18	-
Males	1	0.18	0.18	0.18	0.18	-
Females	0	-	-	-	-	-
Laboratorians	8	0	0.27	0.27	0.56	0.16
Males	1	0.35	0.35	0.35	0.35	-
Females	7	0	0.26	0.22	0.56	0.17
Supervision	1	0.54	0.54	0.54	0.54	0.54
Males	1	0.54	0.54	0.54	0.54	0.54
Females	0	-	-	-	-	-

Comments:

- Samples analyzed by National Medical Services
- Data extracted from WW site database by site industrial hygienist Tony Playtis
- Descriptive statistics calculated using Microsoft Excel
- Operation indicates work assignment of person at time of sample and does not reflect past work history

Prepared by: Barbara J. Dawson, CIH, CSP
Date of Preparation: November 20, 2004

000592

DuPont Company
PFOA in Blood
Washington Works 1997

Teflon		Non-Teflon				
Operator	Laboratorian	Mechanic	Laboratorian		Supervision	
Female	Female	Male	Male	Female	Male	
0.22	0.14	0.18	0.35	0	0.54	
				0.22		
				0.22		
				0.15		
				0.56		
				0.32		
				0.33		
1	1	1	1	7	1	Count
				0.26		Average
				0.17		Std Dev
				0.22		Median

DuPont Company
PFOA in Blood
Washington Works - Non-Teflon
1997 Summary

	All NT	All NT Male	All NT Female	All NT Lab
	0.18	0.18	0	0.35
	0.35	0.35	0.22	0
	0	0.54	0.22	0.22
	0.22		0.15	0.22
	0.22		0.56	0.15
	0.15		0.32	0.56
	0.56		0.33	0.32
	0.32			0.33
	0.33			
	0.54			
Count	10	3	7	8
Average	0.29	0.36	0.26	0.27
Std Dev	0.17	0.18	0.17	0.16
Median	0.27	0.35	0.22	0.27

DATA SUMMARY

Chemical: Perfluorooctanoic Acid

Site: Washington Works, Parkersburg, West Virginia

Date of Monitoring: 2000

Matrix: PFOA in Whole Blood

Operation: Teflon®

Job Title	Number Sampled	Minimum Concentration (ppm)	Mean (ppm)	Median (ppm)	Maximum Concentration (ppm)	Standard Deviation
Entire Cohort	77	0.02	1.46	0.73	9	1.90
Males	63	0.02	1.50	0.78	9	1.99
Females	14	0.03	1.27	0.61	4.5	1.50
Operators	47	0.07	1.88	0.91	9	2.26
Males	37	0.07	2.07	1.00	9	2.38
Females	10	0.07	1.18	0.47	4.5	1.62
Mechanics	10	0.02	1.30	0.94	2.5	0.94
Males	9	0.02	1.16	0.87	2.5	0.89
Females	1	2.5	2.5	2.5	2.5	-
Laboratorians	5	0.31	0.50	0.36	1.1	0.34
Males	5	0.31	0.50	0.36	1.1	0.34
Females	0	-	-	-	-	-
Supervision	15	0.03	0.58	0.33	2.8	0.73
Males	12	0.04	0.43	0.29	1.3	0.41
Females	3	0.03	1.19	0.73	2.8	1.44

Comments:

- Samples analyzed by National Medical Services
- Data extracted from WW site database by site industrial hygienist Tony Playtis
- Descriptive statistics calculated using Microsoft Excel
- Operation indicates work assignment of person at time of sample and does not reflect past work history

Prepared by: Barbara J. Dawson, CIH, CSP
Date of Preparation: November 22, 2004

000595

DuPont Company
PFOA in Blood
Washington Works - Teflon - 2000

Teflon							
Operator		Mechanic		Laborator	Supervision		
Male	Female	Male	Female	Male	Male	Female	
0.96	0.8	2	2.5	0.36	0.7	2.8	
1.4	0.45	0.6		1.1	0.33	0.03	
0.14	0.17	0.34		0.35	0.1	0.73	
2.8	0.17	0.84		0.38	0.04		
9	3.9	2.3		0.31	1.1		
0.27	0.49	0.87			0.25		
6.2	4.5	2.5			0.11		
1	0.78	1			0.45		
0.33	0.43	0.02			0.51		
0.52	0.07				0.16		
4.7					0.11		
1.5					1.3		
0.91							
0.25							
0.29							
2.6							
0.35							
0.19							
0.68							
0.18							
0.07							
0.16							
1.3							
4.9							
1.7							
8.5							
2							
3							
0.99							
2.8							
4.3							
1.6							
2.4							
0.78							
0.23							
6.9							
0.65							
37	10	9	1	5	12	3	Count
2.07	1.18	1.16		0.50	0.43	1.19	Average
2.38	1.62	0.89		0.34	0.41	1.44	Std Dev
1.00	0.47	0.87		0.36	0.29	0.73	Median

DuPont Company
PFOA in Blood
Washington Works - Teflon
2000 Summary

Tef All	All Male	All Fem	Oper All	Mech All	Sup All	
0.02	0.02	0.03	0.07	0.02	0.03	
0.03	0.04	0.07	0.07	0.34	0.04	
0.04	0.07	0.17	0.14	0.6	0.1	
0.07	0.1	0.17	0.16	0.84	0.11	
0.07	0.11	0.43	0.17	0.87	0.11	
0.1	0.11	0.45	0.17	1	0.16	
0.11	0.14	0.49	0.18	2	0.25	
0.11	0.16	0.73	0.19	2.3	0.33	
0.14	0.16	0.78	0.23	2.5	0.45	
0.16	0.18	0.8	0.25	2.5	0.51	
0.16	0.19	2.5	0.27		0.7	
0.17	0.23	2.8	0.29		0.73	
0.17	0.25	3.9	0.33		1.1	
0.18	0.25	4.5	0.35		1.3	
0.19	0.27		0.43		2.8	
0.23	0.29		0.45			
0.25	0.31		0.49			
0.25	0.33		0.52			
0.27	0.33		0.65			
0.29	0.34		0.68			
0.31	0.35		0.78			
0.33	0.35		0.78			
0.33	0.36		0.8			
0.34	0.38		0.91			
0.35	0.45		0.96			
0.35	0.51		0.99			
0.36	0.52		1			
0.38	0.6		1.3			
0.43	0.65		1.4			
0.45	0.68		1.5			
0.45	0.7		1.6			
0.49	0.78		1.7			
0.51	0.84		2			
0.52	0.87		2.4			
0.6	0.91		2.6			
0.65	0.96		2.8			
0.68	0.99		2.8			
0.7	1		3			
0.73	1		3.9			
0.78	1.1		4.3			
0.78	1.1		4.5			
0.8	1.3		4.7			
0.84	1.3		4.9			
0.87	1.4		6.2			

DuPont Company
PFOA in Blood
Washington Works - Teflon
2000 Summary

Tef All	All Male	All Fem	Oper All	Mech All	Sup All	
0.91	1.5		6.9			
0.96	1.6		8.5			
0.99	1.7		9			
1	2					
1	2					
1.1	2.3					
1.1	2.4					
1.3	2.5					
1.3	2.6					
1.4	2.8					
1.5	2.8					
1.6	3					
1.7	4.3					
2	4.7					
2	4.9					
2.3	6.2					
2.4	6.9					
2.5	8.5					
2.5	9					
2.6						
2.8						
2.8						
2.8						
3						
3.9						
4.3						
4.5						
4.7						
4.9						
6.2						
6.9						
8.5						
9						
77	63	14	47	10	15	Count
1.46	1.50	1.27	1.88	1.30	0.58	Average
1.90	1.99	1.50	2.26	0.94	0.73	Std Dev
0.73	0.78	0.61	0.91	0.94	0.33	Median

DATA SUMMARY

Chemical: Perfluorooctanoic Acid

Site: Washington Works, Parkersburg, West Virginia

Date of Monitoring: 2000

Matrix: PFOA in Whole Blood

Operation: Non-Teflon®

Job Title	Number Sampled	Minimum Concentration (ppm)	Mean (ppm)	Median (ppm)	Maximum Concentration (ppm)	Standard Deviation
Entire Cohort	48	0	0.48	0.29	3.1	0.59
Males	32	0.07	0.60	0.31	3.1	0.67
Females	16	0	0.24	0.17	1.1	0.28
Operators	14	0.07	0.59	0.32	2.1	0.58
Males	12	0.07	0.65	0.37	2.1	0.62
Females	2	0.29	0.29	0.29	0.29	0
Mechanics	7	0.1	0.28	0.31	0.6	0.17
Males	7	0.1	0.28	0.31	0.6	0.17
Females	0	-	-	-	-	-
Laboratorians	14	0.18	0.79	0.44	3.1	0.79
Males	8	0.18	1.04	0.95	3.1	0.97
Females	6	0.2	0.47	0.39	1.1	0.32
Supervision	13	0	0.12	0.09	0.37	0.11
Males	5	0.1	0.22	0.20	0.37	0.11
Females	8	0	0.05	0.05	0.14	0.05

Comments:

- Samples analyzed by National Medical Services
- Data extracted from WW site database by site industrial hygienist Tony Playtis
- Descriptive statistics calculated using Microsoft Excel
- Operation indicates work assignment of person at time of sample and does not reflect past work history

Prepared by: Barbara J. Dawson, CIH, CSP
Date of Preparation: November 20, 2004

000599

DuPont Company
PFOA in Blood
Washington Works - Non-Teflon - 2000

Non-Teflon							
Operator		Mechanic	Laboratorian		Supervision		
Male	Female	Male	Male	Female	Male	Female	
0.07	0.29	0.1	1.6	0.2	0.37	0.05	
0.34	0.29	0.18	3.1	0.48	0.2	0.14	
2.1		0.31	1	0.38	0.29	0.02	
0.22		0.6	0.3	0.27	0.16	0.09	
0.12		0.31	0.21	0.39	0.1	0.08	
0.27		0.16	0.18	1.1		0.01	
1.3		0.33	1			0.04	
0.4			0.9			0	
0.16							
1.2							
0.88							
0.68							
12	2	7	8	6	5	8	Count
0.65	0.29	0.28	1.04	0.47	0.22	0.05	Average
0.62	0.00	0.17	0.97	0.32	0.11	0.05	Std Dev
0.37	0.29	0.31	0.95	0.39	0.20	0.05	Median

DuPont Company
PFOA in Blood
Washington Works - Non-Teflon
2000 Summary

	All	All Male	All Female	All Oper	All Lab	All Sup
	0	0.07	0	0.07	0.18	0
	0.01	0.1	0.01	0.12	0.2	0.01
	0.02	0.1	0.02	0.16	0.21	0.02
	0.04	0.12	0.04	0.22	0.27	0.04
	0.05	0.16	0.05	0.27	0.3	0.05
	0.07	0.16	0.08	0.29	0.38	0.08
	0.08	0.16	0.09	0.29	0.39	0.09
	0.09	0.18	0.14	0.34	0.48	0.1
	0.1	0.18	0.2	0.4	0.9	0.14
	0.1	0.2	0.27	0.68	1	0.16
	0.12	0.21	0.29	0.88	1	0.2
	0.14	0.22	0.29	1.2	1.1	0.29
	0.16	0.27	0.38	1.3	1.6	0.37
	0.16	0.29	0.39	2.1	3.1	
	0.16	0.3	0.48			
	0.18	0.31	1.1			
	0.18	0.31				
	0.2	0.33				
	0.2	0.34				
	0.21	0.37				
	0.22	0.4				
	0.27	0.6				
	0.27	0.68				
	0.29	0.88				
	0.29	0.9				
	0.29	1				
	0.3	1				
	0.31	1.2				
	0.31	1.3				
	0.33	1.6				
	0.34	2.1				
	0.37	3.1				
	0.38					
	0.39					
	0.4					
	0.48					
	0.6					
	0.68					
	0.88					
	0.9					
	1					
	1					
	1.1					

DuPont Company
PFOA in Blood
Washington Works - Non-Teflon
2000 Summary

	All	All Male	All Female	All Oper	All Lab	All Sup
	1.2					
	1.3					
	1.6					
	2.1					
	3.1					
Count	48	32	16	14	14	13
Average	0.48	0.60	0.24	0.59	0.79	0.12
Std Dev	0.59	0.67	0.28	0.58	0.79	0.11
Median	0.29	0.31	0.17	0.32	0.44	0.09

DATA SUMMARY

Chemical: Perfluorooctanoic Acid

Site: Washington Works, Parkersburg, West Virginia

Date of Monitoring: 2001

Matrix: PFOA in Whole Blood

Operation: Teflon®

Job Title	Number Sampled	Minimum Concentration (ppm)	Mean (ppm)	Median (ppm)	Maximum Concentration (ppm)	Standard Deviation
Entire Cohort	23	0.23	1.45	1.1	3.7	1.06
Males	20	0.23	1.56	1.3	3.7	1.10
Females	3	0.33	0.78	0.91	1.1	0.40
Operators	18	0.49	1.72	1.45	3.7	1.04
Males	17	0.49	1.77	1.5	3.7	1.06
Females	1	0.91	0.91	0.91	0.91	-
Mechanics	0	-	-	-	-	-
Males	0	-	-	-	-	-
Females	0	-	-	-	-	-
Laboratorians	0	-	-	-	-	-
Males	0	-	-	-	-	-
Females	0	-	-	-	-	-
Supervision	5	0.23	0.50	0.39	1.1	0.35
Males	3	0.23	0.36	0.39	0.45	0.11
Females	2	0.33	0.72	0.72	1.1	0.54

Comments:

- Samples analyzed by National Medical Services
- Data extracted from WW site database by site industrial hygienist Tony Playtis
- Descriptive statistics calculated using Microsoft Excel
- Operation indicates work assignment of person at time of sample and does not reflect past work history

Prepared by: Barbara J. Dawson, CIH, CSP
Date of Preparation: December 6, 2004

000603

DuPont Company
PFOA in Blood
Washington Works Teflon 2001

Teflon				
Operator		Supervision		
Male	Female	Male	Female	
0.49	0.91	0.23	0.33	
0.55		0.39	1.1	
0.76		0.45		
0.76				
0.79				
1.1				
1.2				
1.4				
1.5				
1.9				
1.9				
1.9				
2.6				
2.9				
2.9				
3.7				
3.7				
17	1	3	2	Count
1.77		0.36	0.72	Average
1.06		0.11	0.54	Std Dev
1.50		0.39	0.72	Median

	All	All Male	All Female	All Op	All Sup
	0.49	0.49	0.91	0.49	0.23
	0.55	0.55	0.33	0.55	0.39
	0.76	0.76	1.1	0.76	0.45
	0.76	0.76		0.76	0.33
	0.79	0.79		0.79	1.1
	1.1	1.1		1.1	
	1.2	1.2		1.2	
	1.4	1.4		1.4	
	1.5	1.5		1.5	
	1.9	1.9		1.9	
	1.9	1.9		1.9	
	1.9	1.9		1.9	
	2.6	2.6		2.6	
	2.9	2.9		2.9	
	2.9	2.9		2.9	
	3.7	3.7		3.7	
	3.7	3.7		3.7	
	0.91	0.23		0.91	
	0.23	0.39			
	0.39	0.45			
	0.45				
Count	21	20	3	18	5
Average	1.53	1.56	0.78	1.72	0.50
Std Dev	1.08	1.10	0.40	1.04	0.35
Median	1.2	1.3	0.91	1.45	0.39

DATA SUMMARY

Chemical: Perfluorooctanoic Acid

Site: Washington Works, Parkersburg, West Virginia

Date of Monitoring: 2001

Matrix: PFOA in Whole Blood

Operation: Non-Teflon®

Job Title	Number Sampled	Minimum Concentration (ppm)	Mean (ppm)	Median (ppm)	Maximum Concentration (ppm)	Standard Deviation
Entire Cohort	8	0.07	0.66	0.41	1.6	0.62
Males	7	0.07	0.72	0.6	1.6	0.64
Females	1	0.22	0.22	0.22	0.22	-
Operators	3	0.12	0.16	0.14	0.22	0.05
Males	2	0.12	0.13	0.13	0.14	0.01
Females	1	0.22	0.22	0.22	0.22	-
Mechanics	1	0.07	0.07	0.07	0.07	-
Males	1	0.07	0.07	0.07	0.07	-
Females	0	-	-	-	-	-
Laboratories	3	0.6	1.17	1.30	1.6	0.51
Males	3	0.6	1.17	1.30	1.6	0.51
Females	0	-	-	-	-	-
Supervision	1	1.2	1.2	1.2	1.2	-
Males	1	1.2	1.2	1.2	1.2	-
Females	0	-	-	-	-	-

Comments:

- Samples analyzed by National Medical Services
- Data extracted from WV site database by site industrial hygienist Tony Playtis
- Descriptive statistics calculated using Microsoft Excel
- Operation indicates work assignment of person at time of sample and does not reflect past work history

Prepared by: Barbara J. Dawson, CIH, CSP
Date of Preparation: November 20, 2004

000606

DuPont Company
PFOA in Blood
Washington Works - Non-Teflon - 2001

Non-Teflon					
Operator		Mechanic	Laboratorian	Supervision	
Male	Female	Male	Male	Male	
0.14	0.22	0.07	0.6	1.2	
0.12			1.3		
			1.6		
2	1	1	3	1	Count
0.13			1.17		Average
0.01			0.51		Std Dev
0.13			1.30		Median

DuPont Company
PFOA in Blood
Washington Works - Non-Teflon
2001 Summary

	All	All Male	All Female	All Op
	0.14	0.14	0.22	0.14
	0.12	0.12		0.12
	0.22	0.07		0.22
	0.07	0.6		
	0.6	1.3		
	1.3	1.6		
	1.6	1.2		
	1.2			
Count	8	7	1	3
Average	0.66	0.72		0.16
Std Dev	0.62	0.64		0.05
Median	0.41	0.6		0.14

DATA SUMMARY

Chemical: Perfluorooctanoic Acid

Site: Washington Works, Parkersburg, West Virginia

Date of Monitoring: 2002

Matrix: PFOA in Whole Blood

Operation: Teflon®

Job Title	Number Sampled	Minimum Concentration (ppm)	Mean (ppm)	Median (ppm)	Maximum Concentration (ppm)	Standard Deviation
Entire Cohort	43	0	1.67	1.27	5.16	1.38
Males	34	0.05	1.86	1.55	5.16	1.45
Females	9	0	0.96	0.86	2.29	0.81
Operators	32	0	2.00	1.58	5.16	1.42
Males	25	0.26	2.31	2.04	5.16	1.42
Females	7	0	0.92	0.86	2.29	0.82
Mechanics	5	0.05	0.68	0.53	1.67	0.60
Males	5	0.05	0.68	0.53	1.67	0.60
Females	0	-	-	-	-	-
Laboratorians	1	0.34	0.34	0.34	0.34	-
Males	0	-	-	-	-	-
Females	1	0.34	0.34	0.34	0.34	-
Supervision	5	0.05	0.81	0.64	1.83	0.69
Males	4	0.05	0.56	0.54	1.11	0.44
Females	1	1.83	1.83	1.83	1.83	-

Comments:

- Samples analyzed by Advion Laboratories
- Data extracted from WW site database by site industrial hygienist Tony Playtis
- Descriptive statistics calculated using Microsoft Excel
- Operation indicates work assignment of person at time of sample and does not reflect past work history

Prepared by: Barbara J. Dawson, CIH, CSP
Date of Preparation: December 6, 2004

000609

DuPont Company
PFOA in Blood
Washington Works - Teflon - 2002

Teflon						
Operator		Mechanic	Laboratorian	Supervision		
Male	Female	Male	Female	Male	Female	
0.26	0	0.05	0.34	0.05	1.83	
0.49	0	0.47		0.43		
0.64	0.73	0.53		0.64		
0.86	0.86	0.7		1.11		
1.09	0.98	1.67				
1.1	1.58					
1.24	2.29					
1.27						
1.55						
1.55						
1.57						
1.65						
2.04						
2.2						
2.32						
2.47						
2.97						
3.12						
3.48						
3.59						
3.72						
3.81						
4.5						
5						
5.16						
25	7	5	1	4	1	Count
2.31	0.92	0.68	0.34	0.56	1.83	Average
1.42	0.82	0.60	0.34	0.44	1.83	Std Dev
2.04	0.86	0.53		0.54		Median

DuPont Company
PFOA in Blood
Washington Works - Teflon
2002 Summary

Teflon					
	All	Op	All Male	All Female	All Sup
	0	0	0.05	0	0.05
	0	0	0.05	0	0.43
	0.05	0.26	0.26	0.34	0.64
	0.05	0.49	0.43	0.73	1.11
	0.26	0.64	0.47	0.86	1.83
	0.34	0.73	0.49	0.98	
	0.43	0.86	0.53	1.58	
	0.47	0.86	0.64	1.83	
	0.49	0.98	0.64	2.29	
	0.53	1.09	0.7		
	0.64	1.1	0.86		
	0.64	1.24	1.09		
	0.7	1.27	1.1		
	0.73	1.55	1.11		
	0.86	1.55	1.24		
	0.86	1.57	1.27		
	0.98	1.58	1.55		
	1.09	1.65	1.55		
	1.1	2.04	1.57		
	1.11	2.2	1.65		
	1.24	2.29	1.67		
	1.27	2.32	2.04		
	1.55	2.47	2.2		
	1.55	2.97	2.32		
	1.57	3.12	2.47		
	1.58	3.48	2.97		
	1.65	3.59	3.12		
	1.67	3.72	3.48		
	1.83	3.81	3.59		
	2.04	4.5	3.72		
	2.2	5	3.81		
	2.29	5.16	4.5		
	2.32		5		
	2.47		5.16		
	2.97				
	3.12				
	3.48				
	3.59				
	3.72				
	3.81				
	4.5				
	5				
	5.16				

DuPont Company
PFOA in Blood
Washington Works - Teflon
2002 Summary

	Teflon				
	All	Op	All Male	All Female	All Sup
Count	43	32	34	9	5
Average	1.67	2.00	1.86	0.96	0.81
Std Dev	1.38	1.42	1.45	0.81	0.69
Median	1.27	1.58	1.55	0.86	0.64

DATA SUMMARY

Chemical: Perfluorooctanoic Acid

Site: Washington Works, Parkersburg, West Virginia

Date of Monitoring: 2002

Matrix: PFOA in Whole Blood

Operation: Non-Teflon®

Job Title	Number Sampled	Minimum Concentration (ppm)	Mean (ppm)	Median (ppm)	Maximum Concentration (ppm)	Standard Deviation
Entire Cohort	19	0.05	0.57	0.40	2.11	0.54
Males	11	0.16	0.76	0.84	2.11	0.63
Females	8	0.05	0.30	0.27	0.56	0.21
Operators	4	0.17	0.78	0.43	2.11	0.90
Males	2	0.17	1.14	1.14	2.11	1.37
Females	2	0.29	0.43	0.43	0.56	0.19
Mechanics	0	-	-	-	-	-
Males	0	-	-	-	-	-
Females	0	-	-	-	-	-
Laboratorians	9	0.24	0.76	0.84	1.47	0.38
Males	6	0.4	0.93	0.89	1.47	0.35
Females	3	0.24	0.42	0.51	0.52	0.16
Supervision	6	0.05	0.13	0.16	0.17	0.06
Males	3	0.16	0.18	0.17	0.2	0.02
Females	3	0.05	0.09	0.05	0.16	0.06

Comments:

- Samples analyzed by Advion Laboratories
- Data extracted from WV site database by site industrial hygienist Tony Playtis
- Descriptive statistics calculated using Microsoft Excel
- Operation indicates work assignment of person at time of sample and does not reflect past work history

Prepared by: Barbara J. Dawson, CIH, CSP
Date of Preparation: November 20, 2004

000613

000614

[illegible]

February 2004 C-8 Campaign

#	Last Name	First Name, M. I.	PR#	Status	Date Sampled	Plant Location	C-8 Blood Result (ppm)	Date Result Communicated to Patient	Results Entered in Flair	Work Hx Comp & Entered in Flair	Results Documented on Lab Card	Other Address
1			10060	DuPont - Active	2/19/04	B-184	0.216	6/3/2004			X	
2			4031	DuPont - Active	2/19/04	B-22	1.620	6/3/2004			X	
3			30772	DuPont - Active	2/19/04	B-168	0.068	6/3/2004			X	
4			30654	DuPont - Active	2/18/04	B-168	0.094	6/3/2004			X	
5			4824	DuPont - Active	2/18/04	B-162	5.190	6/3/2004			X	
6			10147	DuPont - Active	2/19/04	B-184	1.280	6/3/2004			X	
7			30733	DuPont - Active	2/20/04	B-162	0.771	6/3/2004			X	
8			10098	DuPont - Active	2/19/04	B-184	0.270	6/3/2004			X	
9			10534	DuPont - Active	2/18/04	B-162	0.933	6/3/2004			X	
10			10450	DuPont - Active	2/20/04	B-22	0.329	6/3/2004			X	
11			4360	DuPont - Active	2/19/04	B-184	0.402	6/3/2004			X	
12			10897	DuPont - Active	2/18/04	B-184	1.250	6/3/2004			X	
13			10782	DuPont - Active	2/18/04	B-162	2.480	6/3/2004			X	
14			4522	DuPont - Active	2/20/04	B-162	1.440	6/3/2004			X	
15			30467	DuPont - Active	2/19/04	B-212	0.510	6/3/2004			X	
16			10530	DuPont - Active	2/20/04	B-169	1.330	6/3/2004			X	
17			4228	DuPont - Active	2/21/04	B-22	0.802	6/3/2004			X	
18			4696	DuPont - Active	2/20/04	B-184	0.753	6/3/2004			X	
19			4634	DuPont - Active	2/20/04	B-162	4.220	6/3/2004			X	
20			10626	DuPont - Active	2/18/04	B-162	2.550	6/3/2004			X	
21			10540	DuPont - Active	2/18/04	B-22	0.153	6/3/2004			X	
22			10362	DuPont - Active	2/20/04	B-195	0.191	6/3/2004			X	
23			4554	DuPont - Active	2/18/04	B-22	0.209	6/3/2004			X	
24			3979	DuPont - Active	2/19/04	B-212	0.427	6/3/2004			X	
25			4344	DuPont - Active	2/21/04	B-22	1.490	6/3/2004			X	
26			10127	DuPont - Active	2/19/04	B-22	0.318	6/3/2004			X	
27			10764	DuPont - Active	2/18/04	B-22	0.524	6/3/2004			X	
28			4885	DuPont - Active	2/20/04	B-162	1.550	6/3/2004			X	
29			4186	DuPont - Active	2/18/04	B-212	0.363	6/3/2004			X	
30			10672	DuPont - Active	2/22/04	B-184	0.240	6/3/2004			X	
31			4686	DuPont - Active	2/18/04	B-162	2.750	6/3/2004			X	
32			4880	DuPont - Active	2/19/04	B-195	1.100	6/3/2004			X	
33			4848	DuPont - Active	2/18/04	B-22	1.740	6/3/2004			X	
34			3743	DuPont - Active	2/19/04	B-123	0.897	6/3/2004			X	
35			10645	DuPont - Active	2/20/04	B-162	0.846	6/3/2004			X	
36			10116	DuPont - Active	2/20/04	B-168	1.080	6/3/2004			X	
37			4552	DuPont - Active	2/19/04	B-22	1.175	6/3/2004			X	
38			90914	DuPont - Pens.	2/19/04		0.108	6/3/2004			X	

(Exogen Research)

Redacted - Privacy

1/9/04 11/3/2004

000616

February 2004 C-8 Campaign

#	Last Name	First Name, M. I.	PR#	Status	Date Sampled	Plant Location	C-8 Blood Result (ppm)	Date Result Communicated to Patient	Results Entered in Flair	Work Hx Comp & Entered in Flair	Results Documented on Lab Card	Other Address
39			4868	DuPont - Active	2/18/04	B-212	0.616	6/3/2004			X	
40			10434	DuPont - Active	2/20/04	B-185	2.690	6/3/2004			X	
41			30792	DuPont - Active	2/19/04	B-188	0.087	6/3/2004			X	
42			10163	DuPont - Active	2/19/04	B-184	0.655	6/3/2004			X	
43			4141	DuPont - Active	2/22/04	B-163	0.988	6/3/2004			X	
44			4442	DuPont - Active	2/21/04	B-184	0.260	6/3/2004			X	
45			4669	DuPont - Active	2/19/04	B-184	2.805	6/3/2004			X	
46			4452	DuPont - Active	2/20/04	B-182	0.259	6/3/2004			X	
47			10500	DuPont - Active	2/20/04	B-182	5.170	6/3/2004			X	
48			3789	DuPont - Active	2/18/04	B-182	0.547	6/3/2004			X	
49			4408	DuPont - Active	2/18/04	B-212	0.717	6/3/2004			X	
50			9516	DuPont - Active	2/20/04	B-168	0.515	6/3/2004			X	
51			10519	DuPont - Active	2/20/04	B-162	0.614	6/3/2004			X	
52			10516	DuPont - Active	2/18/04	B-212	0.765	6/3/2004			X	
53			10165	DuPont - Active	2/18/04	B-163	0.185	6/3/2004			X	
54			4177	DuPont - Active	2/20/04	B-212	0.520	6/3/2004			X	
55			4422	DuPont - Pems.	2/18/04	B-212	0.359	6/3/2004			X	
56			4584	DuPont - Active	2/20/04	B-182	0.480	6/3/2004			X	
57			30189	DuPont - Active	2/19/04	B-22	0.178	6/3/2004			X	
58			10300	DuPont - Active	2/18/04	B-22	0.406	6/3/2004			X	
59			7806	DuPont - Active	2/23/04	B-24	0.163	6/3/2004			X	
60			10120	DuPont - Active	2/20/04	B-212	0.173	6/3/2004			X	
61			10836	DuPont - Active	2/19/04	B-22	1.850	6/3/2004			X	
62			30569	DuPont - Active	2/18/04	B-184	1.510	6/3/2004			X	
63			4825	DuPont - Active	2/18/04	B-162	1.420	6/3/2004			X	
64			4151	DuPont - Active	2/18/04	B-22	0.551	6/3/2004			X	
65			10082	DuPont - Active	2/20/04	B-162	0.580	6/3/2004			X	
66			10775	DuPont - Active	2/21/04	B-163	0.657	6/3/2004			X	
67			10511	DuPont - Active	2/19/04	B-162	2.470	6/3/2004			X	
68			4824	DuPont - Active	2/18/04	B-162	7.160	6/3/2004			X	
69			4906	DuPont - Active	2/20/04	B-195	0.501	6/3/2004			X	
70			3842	DuPont - Active	2/18/04	B-212	0.970	6/3/2004			X	
71			10652	DuPont - Active	2/19/04	B-162	7.000	6/3/2004			X	
72			10714	DuPont - Active	2/22/04	B-184	0.158	6/3/2004			X	
73			10660	DuPont - Active	2/23/04	B-182	0.533	6/3/2004			X	
74			10029	DuPont - Active	2/19/04	B-162	2.530	6/3/2004			X	
75			10346	DuPont - Active	2/18/04	B-162	1.795	6/3/2004			X	
76			4146	DuPont - Active	2/18/04	B-162	1.990	6/3/2004			X	

Redacted - Privacy

(Exogen Research)

Redacted - Privacy

11/9/2004

000617

February 2004 C-8 Campaign

#	Last Name	First Name, M. I.	PR#	Status	Date Sampled	Plant Location	C-8 Blood Result (ppm)	Date Result Communicated to Patient	Results Entered in Flair	Work Hx Comp & Entered in Flair	Results Documented on Lab Card	Other Address
77			10227	DuPont - Active	2/18/04	B-164	1.470	6/3/2004			X	
78			10833	DuPont - Active	2/20/04	B-168	1.390	6/3/2004			X	
79			10372	DuPont - Active	2/18/04	B-162	4.815	6/3/2004			X	
80			3854	DuPont - Active	2/18/04	B-162	6.680	6/3/2004			X	
81			3976	DuPont - Active	2/18/04	B-163	2.010	6/3/2004			X	
82			10603	DuPont - Active	2/20/04	B-182	0.104	6/3/2004			X	
83			3680	DuPont - Active	2/18/04	B-22	0.917	6/3/2004			X	
84			4898	DuPont - Active	2/19/04	B-163	2.600	6/3/2004			X	
85			4823	DuPont - Active	2/20/04	B-212	0.743	6/3/2004			X	
86			10683	DuPont - Active	2/20/04	B-182	0.196	6/3/2004			X	
87			9285	DuPont - Active	2/18/04	B-168	0.409	6/3/2004			X	
88			3927	DuPont - Active	2/19/04	B-22	0.848	6/3/2004			X	
89			30621	DuPont - Active	2/18/04	B-22	0.164	6/3/2004			X	
90			10550	DuPont - Active	2/18/04	B-162	4.340	6/3/2004			X	
91			7902	DuPont - Active	2/19/04	B-21	0.430	6/3/2004			X	
92			10356	DuPont - Active	2/20/04	B-162	0.839	6/3/2004			X	
93			30031	DuPont - Active	2/18/04	B-35T	0.376	6/3/2004			X	
94			4093	DuPont - Active	2/19/04	B-123	0.759	6/3/2004			X	
95			10214	DuPont - Active	2/18/04	B-162	3.530	6/3/2004			X	
96			10177	DuPont - Active	2/18/04	B-164	2.210	6/3/2004			X	
97			10284	DuPont - Active	2/18/04	B-162	1.340	6/3/2004			X	
98			10232	DuPont - Active	2/20/04	B-212	1.950	6/3/2004			X	
99			4485	DuPont - Active	2/22/04	B-163	0.374	6/3/2004			X	
100			10719	DuPont - Active	2/21/04	B-22	0.244	6/3/2004			X	
101			30485	DuPont - Active	2/18/04	B-162	2.270	6/3/2004			X	
102			10088	DuPont - Active	2/19/04	B-184	1.510	6/3/2004			X	
103			30794	DuPont - Active	2/20/04	B-162	1.500	6/3/2004			X	
104			4201	DuPont - Active	2/19/04	B-195	0.654	6/3/2004			X	
105			10005	DuPont - Active	2/18/04	B-163	0.479	6/3/2004			X	
106			10145	DuPont - Active	2/19/04	B-184	0.779	6/3/2004			X	

Redacted - Privacy

(Exxygen Research)

2004 HEALTH SURVEY

#	Last Name	First Name, M.I.	PR#	Status	Date Sampled	Plant Location	C-B Blood Result (ppm)	Date Result Communicated to Patient	Results Entered in Flair	Work Hx Comp & Entered in Flair	Results Documented on Lab Card	Other Address
1			9993	Active	6/3/04	B-21	0.126	7/27/2004			X	
2			10785	Active	6/3/04	B-226	0.037	7/27/2004			X	
3			30633	Active	6/5/04	B-1	0.167	7/27/2004			X	
4			6210	Active	6/4/04	B-280	0.070	7/27/2004			X	
5			30235	Active	6/5/04	B-2	0.090	7/27/2004			X	
6			7966	Active	6/4/04	B-158	0.072	7/27/2004			X	
7			10562	Active	6/5/04	B-15	0.338	7/27/2004			X	
8			30764	Active	6/5/04	B-145	0.073	7/27/2004			X	
9			10626	Active	6/4/04	B-152F	0.746	7/27/2004			X	
10			30863	Active	6/4/04	B-102	0.013	7/27/2004			X	
11			4330	Active	6/3/04	B-18	0.183	7/27/2004			X	
12			10291	Active	6/4/04	B-184	2.090	7/27/2004			X	
13			6218	Active	6/4/04	B-5	0.389	7/27/2004			X	
14			6516	Active	6/3/04	B-4	0.096	7/27/2004			X	
15			30440	Active	6/3/04	B-152F	0.035	7/27/2004			X	
16			30475	Active	6/4/04	B-215	0.217	7/27/2004			X	
17			30408	Active	6/5/04	B-6	0.097	7/27/2004			X	
18			10670	Active	6/5/04	B-301	0.158	7/27/2004			X	
19			9840	Active	6/4/04	B-21	0.542	7/27/2004			X	
20			9878	Active	6/5/04	B-22	0.088	7/27/2004			X	
21			4775	Active	6/5/04	B-207	0.276	7/27/2004			X	
22			9949	Active	6/4/04	B-21	0.186	7/27/2004			X	
23			30763	Active	6/4/04	B-18	0.484	7/27/2004			X	
24			4605	Active	6/5/04	B-226	0.221	7/27/2004			X	
25			30508	Active	6/5/04	B-13	0.063	7/27/2004			X	
26			4360	Active	6/5/04	B-184	0.376	7/27/2004			X	
27			6844	Active	6/3/04	B-20	0.340	7/27/2004			X	
28			30321	Active	6/5/04	B-1	0.060	7/27/2004			X	
29			30507	Active	6/5/04	B-18	0.038	7/27/2004			X	
30			10244	Active	6/5/04	B-226	0.203	7/27/2004			X	
31			6271	Active	6/4/04	B-158	0.096	7/27/2004			X	
32			10070	Active	6/4/04	B-280	0.066	7/27/2004			X	
33			30246	Active	6/5/04	B-285	1.200	7/27/2004			X	
34			4748	Active	6/3/04	B-22	0.177	7/27/2004			X	
35			30312	Active	6/3/04	B-3	0.066	7/27/2004			X	
36			30333	Active	6/4/04	B-280	0.194	7/27/2004			X	
37			10679	Active	6/4/04	B-207	0.211	7/27/2004			X	
38			30501	Active	6/3/04	B-1	0.089	7/27/2004			X	

(Professional Health Services)

Redacted - Privacy

000619

2004 HEALTH SURVEY

#	Last Name	First Name, M.I.	PR#	Status	Date Sampled	Plant Location	C-8 Blood Result (ppm)	Date Result Communicated to Patient	Results Entered in Flair	Work Hx Comp & Entered in Flair	Results Documented on Lab Card	Other Address
39			7655	Active	6/5/04	B-24	0.219	7/27/2004			X	
40			30863	Active	6/3/04	B-158	0.057	7/27/2004			X	
41			30550	Active	6/3/04	B-18	0.138	7/27/2004			X	
42			30868	Active	6/4/04	B-18	0.337	7/27/2004			X	
43			30708	Active	6/4/04	B-168	0.242	7/27/2004			X	
44			4732	Active	6/3/04	B-5	0.158	7/27/2004			X	
45			9211	Pensioner	6/4/04	B-21T	0.162	7/29/2004			X	
46			4208	Active	6/6/04	B-301	0.319	7/27/2004			X	
47			30708	Active	6/3/04	B-5	0.963	7/27/2004			X	
48			30220	Active	6/5/04	B-145	0.100	7/27/2004			X	
49			8641	Active	6/3/04	B-1	0.099	7/27/2004			X	
50			8639	Active	6/4/04	B-280	0.060	7/27/2004			X	
51			2503	Active	6/5/04	B-20T	0.589	7/27/2004			X	
52			9674	Active	6/5/04	B-160T	0.028	7/27/2004			X	
53			10821	Active	6/4/04	B-215	0.115	7/27/2004			X	
54			4880	Active	6/4/04	B-195	1.260	7/27/2004			X	
55			10628	Active	6/4/04	B-22	0.135	7/27/2004			X	
56			9435	Active	6/4/04	B-152F	0.317	7/27/2004			X	
57			9946	Active	6/4/04	B-285	0.176	7/27/2004			X	
58			9802/92241	Pensioner	6/5/04	B-102	0.108	7/27/2004			X	
59			30655/91637	Pensioner	6/3/04	B-158	0.054	7/27/2004			X	
60			30545	Active	6/5/04	B-250	0.142	7/27/2004			X	
61			30128	Active	6/5/04	B-1	0.382	7/29/2004			X	
62			10286	Active	6/3/04	B-18	0.169	7/29/2004			X	
63			10434	Active	6/4/04	B-195	3.265	7/29/2004			X	
64			4557	Active	6/4/04	B-207	0.178	7/29/2004			X	
65			9806	Active	6/4/04	B-22	0.164	7/29/2004			X	
66			10529	Active	6/5/04	B-225	0.178	7/29/2004			X	
67			30644	Active	6/3/04	B-152	0.097	7/29/2004			X	
68			10304	Active	6/3/04	B-15	0.262	7/29/2004			X	
69			30895	Active	6/5/04	B-154	0.318	7/29/2004			X	
70			30888	Active	6/5/04	B-13	0.407	7/29/2004			X	
71			9903	Active	6/5/04	B-145	0.712	7/29/2004			X	
72			10348	Active	6/5/04	B-184	0.871	7/29/2004			X	
73			4571	Active	6/5/04	B-3	0.278	7/29/2004			X	
74			30308	Active	6/3/04	B-6	0.181	7/29/2004			X	
75			30141	Active	6/3/04	B-13	1.110	7/29/2004			X	
76			30101	Active	6/4/04	B-226	0.368	7/29/2004			X	

(Professional Health Services)

Redacted - Privacy

000620

2004 HEALTH SURVEY

#	Last Name	First Name, M.I.	PR#	Status	Date Sampled	Plant Location	C-8 Blood Result (ppm)	Date Result Communicated to Patient	Results Entered in Flair	Work Hx Comp & Entered in Flair	Results Documented on Lab Card	Other Address
77			30911	Active	6/3/04	B-1	0.018	7/29/2004			X	
78			9106	Active	6/3/04	B-1	0.033	7/29/2004			X	
79			10300	Active	6/3/04	B-22	0.387	7/29/2004			X	
80			30465	Active	6/3/04	B-168	0.272	7/29/2004			X	
81			10423	Active	6/3/04	B-266	0.430	7/29/2004			X	
82			30170	Active	6/3/04	B-207	0.281	7/29/2004			X	
83			10074	Active	6/3/04	B-152F	1.270	7/29/2004			X	
84			6518	Active	6/4/04	B-263	0.048	7/29/2004			X	
85			7782	Active	6/3/04	B-36T	0.132	7/29/2004			X	
86			7319	Active	6/3/04	B-3	0.298	7/29/2004			X	
87			10398	Active	6/5/04	B-163	2.480	7/29/2004			X	
88			6280	Active	6/4/04	B-4	0.079	7/29/2004			X	
89			30193	Active	6/6/04	B-1	0.057	7/29/2004			X	
90			30454	Active	6/4/04	B-3	0.610	7/29/2004			X	
91			6409	Active	6/4/04	B-162	0.572	7/29/2004			X	
92			9091	Active	6/3/04	B-158	0.104	7/29/2004			X	
93			10008	Active	6/5/04	B-162	1.070	7/29/2004			X	
94			10394	Active	6/4/04	B-212	6.016	7/29/2004			X	
95			30031	Active	6/3/04	B-184	0.297	7/29/2004			X	
96			6329	Active	6/4/04	B-285	0.297	7/29/2004			X	
97			9155	Active	6/4/04	B-162	1.530	7/29/2004			X	
98			30902	Active	6/5/04	B-4	0.012	7/29/2004			X	
99			30530	Active	6/3/04	B-1	0.210	7/29/2004			X	
100			7946	Active	6/5/04	B-6	0.119	7/29/2004			X	
101			4377	Active	6/5/04	B-142	0.911	7/29/2004			X	
102			9916	Active	6/5/04	B-6	0.257	7/29/2004			X	
103			30877	Active	6/11/04	B-18	0.02885	8/18/2004			X	
104			30574	Active	6/11/04	B-200	0.164	8/18/2004			X	
105			9961	Active	6/14/04	B-160	0.06416	8/18/2004			X	
106			30628	Active	6/11/04	B-168	0.233	8/18/2004			X	
107			10889	Active	6/14/04	B-301	0.08655	8/18/2004			X	
108			30728	Active	6/10/04	B-13	0.0427	8/18/2004			X	
109			30843	Active	6/9/04	B-168	0.0828	8/18/2004			X	
110			10706	Active	6/14/04	B-152	0.147	8/18/2004			X	
111			30960	Active	6/11/04	B-1	0.151	8/18/2004			X	
112			9504	Active	6/10/04	B-215	0.17	8/18/2004			X	
113			30569	Active	6/9/04	B-200	0.7876	8/18/2004			X	
114												

(Professional Health Services)

Redacted - Privacy

/gjs 11/9/2004

000621

2004 HEALTH SURVEY

#	Last Name	First Name, M.I.	PR#	Status	Date Sampled	Plant Location	C-8 Blood Result (ppm)	Date Result Communicated to Patient	Results Entered in Flair	Work Hx Comp & Entered in Flair	Results Documented on Lab Card	Other Address
115			7950	Active	6/9/04	B-293	0.126	8/18/2004			X	
116			30338	Active	6/9/04	B-215	0.177	8/18/2004			X	
117			30081	Active	6/11/04	B-250	0.178	8/18/2004			X	
118			30024	Active	6/11/04	B-285	0.119	8/18/2004			X	
119			10636	Active	6/10/04	B-162	0.772	8/18/2004			X	
120			4704	Active	6/10/04	B-293	0.09	8/18/2004			X	
121			30705	Active	6/14/04	B-1	0.08566	8/18/2004			X	
122			10837	Active	6/14/04	B-162	0.803	8/18/2004			X	
123			7018	Active	6/9/04	B-285	0.07	8/18/2004			X	
124			10643	Active	6/9/04	B-215	0.216	8/18/2004			X	
125			10691	Active	6/10/04	B-215	0.387	8/18/2004			X	
126			10593	Active	6/10/04	B-144	0.743	8/18/2004			X	
127			30371	Active	6/10/04	B-293	0.145	8/18/2004			X	
128			4925	Active	6/9/04	B-225	0.2296	8/18/2004			X	
129			6519	Active	6/9/04	B-215	0.107	8/18/2004			X	
130			10364	Active	6/9/04	B-301	0.0899	8/18/2004			X	
131			6546	Active	6/8/04	B-145	0.06935	8/18/2004			X	
132			10454	Active	6/9/04	B-152F	0.13	8/18/2004			X	
133			10867	Active	6/10/04	B-226	0.0611	8/18/2004			X	
134			10840	Active	6/11/04	B-142	0.03275	8/18/2004			X	
135			30809	Active	6/14/04	B-21	0.225	8/18/2004			X	
136			10522	Active	6/10/04	B-152F	0.319	8/18/2004			X	
137			10625	Active	6/14/04	B-301	0.572	8/18/2004			X	
138			10545	Active	6/8/04	B-22	0.186	8/18/2004			X	
139			4419	Active	6/14/04	B-22	0.31	8/18/2004			X	
140			30663	Active	6/8/04	B-RESPT	0.0917	8/18/2004			X	
141			9027	Active	6/9/04	B-226	0.222	8/18/2004			X	
142			30194	Active	6/10/04	B-6	0.116	8/18/2004			X	
143			9868	Active	6/9/04	B-20	0.783	8/18/2004			X	
144			9192 / 92242	Pensioner	6/9/04		0.282	8/18/2004			X	
145			30738	Active	6/14/04	B-200	0.32	8/18/2004			X	
146			30590	Active	6/8/04	B-5	0.21	8/18/2004			X	
147			30487	Active	6/11/04	B-36T	0.398	8/18/2004			X	
148			9411	Active	6/11/04	B-6	0.0592	8/18/2004			X	
149			9843	Active	6/9/04	B-2	0.7405	8/18/2004			X	
150			30525	Active	6/10/04	B-13	0.0376	8/18/2004			X	
151			10287	Active	6/9/04	B-144	0.279	8/18/2004			X	
152			9799	Active	6/9/04	B-293	0.2466	8/18/2004			X	

(Professional Health Services)

Redacted - Privacy

2004 HEALTH SURVEY

#	Last Name	First Name, M. I.	PR#	Status	Date Sampled	Plant Location	C-8 Blood Result (ppm)	Date Result Communicated to Patient	Results Entered in Flair	Work Trk Comp & Entered in Flair	Results Documented on Lab Card	Other Address
153			9771	Active	6/10/04	B-21	0.292	8/18/2004			X	
154			10626	Active	6/10/04	B-162	2.63	8/18/2004			X	
155			10640	Active	6/14/04	B-22	0.151	8/18/2004			X	
156			30681	Active	6/10/04	B-22	0.0811	8/18/2004			X	
157			30613	Active	6/11/04	B-609	0.008625	8/18/2004			X	
158			10387	Active	6/11/04	B-162	1.04	8/18/2004			X	
159			10591	Active	6/6/04	B-162F	0.108	8/18/2004			X	
160			9346 / 92263	Pensioner	6/9/04		0.3925	8/18/2004			X	
161			4402	Active	6/11/04	B-293	0.0861	8/18/2004			X	
162			10905	Active	6/10/04	B-250	0.154	8/18/2004			X	
163			30287	Active	6/14/04	B-24	0.173	8/18/2004			X	
164			4827	Active	6/8/04	B-162F	3.109	8/18/2004			X	
165			7385	Active	6/10/04	B-21	0.534	8/18/2004			X	
166			6455	Active	6/10/04	B-4	0.149	8/18/2004			X	
167			30316	Active	6/9/04	B-158	0.22	8/18/2004			X	
168			10492	Active	6/10/04	B-162	0.769	8/18/2004			X	
169			30865	Active	6/14/04	B-188	0.0937	8/18/2004			X	
170			10610	Active	6/11/04	B-184	0.493	8/18/2004			X	
171			10156	Active	6/14/04	B-162	0.3525	8/18/2004			X	
172			10393	Active	6/10/04	B-22	0.252	8/18/2004			X	
173			9065	Active	6/11/04	B-22	0.426	8/18/2004			X	
174			10532	Active	6/14/04	B-22	0.236	8/18/2004			X	
175			6645	Active	6/14/04	B-170T	0.528	8/18/2004			X	
176			10328	Active	6/10/04	B-283	0.0485	8/18/2004			X	
177			30096	Active	6/10/04	B-142	0.132	8/18/2004			X	
178			10180	Active	6/11/04	B-164	2.38	8/18/2004			X	
179			30650	Active	6/11/04	B-196	0.273	8/18/2004			X	
180			3215	Active	6/14/04	B-5	0.109	8/18/2004			X	
181			10217	Active	6/6/04	B-3	0.334	8/18/2004			X	
182			4624	Active	6/11/04	B-200	0.199	8/18/2004			X	
183			4723	Active	6/14/04	B-152F	0.428	8/18/2004			X	
184			30125 / 92240	Pensioner	6/10/04		0.1385	8/18/2004			X	
185			9932	Active	6/9/04	B-280	0.183	8/18/2004			X	
186			30722	Active	6/9/04	B-226	0.0351	8/18/2004			X	
187			30277	Active	6/8/04	B-35T	0.206	8/18/2004			X	
188			3743	Active	6/14/04	B-185	0.947	8/18/2004			X	
189			30202	Active	6/10/04	B-12	0.0902	8/18/2004			X	
190			30666	Active	6/11/04	B-184T	0.101	8/18/2004			X	

(Professional Health Services)

Redacted - Privacy

2004 HEALTH SURVEY

#	Last Name	First Name, M. I.	PR#	Status	Date Sampled	Plant Location	C-B Blood Result (ppm)	Date Result Communicated to Patient	Results Entered in Flair	Work Hx Comp & Entered in Flair	Results Documented on Lab Card	Other Address
191			30607	Active	6/9/04	B-6	0.275	8/18/2004			X	
192			30260	Active	6/9/04	B-3	0.294	8/18/2004			X	
193			30249	Active	6/10/04	B-293	0.094	8/18/2004			X	
194			4619	Active	6/14/04	B-162F	0.189	8/18/2004			X	
195			9365	Active	6/11/04	B-150	0.0631	8/18/2004			X	
196			9795	Active	6/10/04	B-145	0.156	8/18/2004			X	
197			4912	Active	6/11/04	B-142	0.0935	8/18/2004			X	
198			30766	Active	6/11/04	B-168	0.208	8/18/2004			X	
199			4888	Active	6/11/04	B-212	0.498	8/18/2004			X	
200			9416	Active	6/9/04	B-21	0.204	8/18/2004			X	
201			30370	Active	6/11/04	B-207	0.206	8/18/2004			X	
202			4768	Active	6/10/04	B-207	0.1345	8/18/2004			X	
203			7834 / 92338	Pensioner	6/14/04		0.179	8/18/2004			X	
204			3933	Active	6/11/04	B-280	0.0899	8/18/2004			X	
205			6497	Active	6/11/04	B-1	0.106	8/18/2004			X	
206			30606	Active	6/8/04	B-22	0.136	8/18/2004			X	
207			6493 / 92270	Pensioner	6/14/04		0.0845	8/18/2004			X	
208			1384 / 92272	Pensioner	6/8/04		0.0763	8/18/2004			X	
209			10666	Active	6/11/04	B-293	0.0328	8/18/2004			X	
210			30396	Active	6/8/04	B-211	0.24	8/18/2004			X	
211			10013	Active	6/8/04	B-215	0.416	8/18/2004			X	
212			30303 / 92258	Pensioner	6/9/04		0.15	8/18/2004			X	
213			4836	Active	6/9/04	B-164	2.59	8/18/2004			X	
214			7271	Active	6/10/04	B-6	0.389	8/18/2004			X	
215			3910	Active	6/10/04	B-609	0.23	8/18/2004			X	
216			10418	Active	6/8/04	B-301	0.208	8/18/2004			X	
217			10270	Active	6/11/04	B-293	0.0373	8/18/2004			X	
218			6502	Active	6/10/04	B-150	0.139	8/18/2004			X	
219			4462	Active	6/11/04	B-152	0.070	8/18/2004			X	
220			30203	Active	6/14/04	B-1	0.152	8/18/2004			X	
221			9780	Active	6/8/04	B-215	0.457	8/18/2004			X	
222			10401	Active	6/14/04	B-142	0.219	8/18/2004			X	
223			9670	Active	6/8/04	B-21	0.28	8/18/2004			X	
224			10330	Active	6/11/04	B-293	0.0233	8/18/2004			X	
225			30803	Active	6/8/04	B-6	0.0798	8/18/2004			X	
226			10012	Active	6/8/04	B-22	0.131	8/18/2004			X	
227			30408	Active	6/10/04	B-211	0.254	8/18/2004			X	
228			30436	Active	6/8/04	B-215	0.204	8/18/2004			X	

(Professional Health Services)

Redacted - Privacy

/qjs 11/9/2004

000624

2004 HEALTH SURVEY

#	Last Name	First Name, M.I.	PR#	Status	Date Sampled	Plant Location	C-8 Blood Result (ppm)	Date Result Communicated to Patient	Results Entered in Flair	Work Hx Comp & Entered in Flair	Results Documented on Lab Card	Other Address
229			9293	Active	6/14/04	B-145	0.1825	8/18/2004			X	
230			10148	Active	6/10/04	B-182	1.47	8/18/2004			X	
231			6516	Active	6/9/04	B-150	0.142	8/18/2004			X	
232			30875	Active	6/9/04	B-195	0.89	8/18/2004			X	
233			9378	Active	6/10/04	B-158	0.191	8/18/2004			X	
234			30230	Active	6/14/04	B-6	0.107	8/18/2004			X	
235			6551	Active	6/11/04	B-200	0.183	8/18/2004			X	
236			30034	Active	6/14/04	B-150	0.308	8/18/2004			X	
237			7177	Active	6/8/04	B-22	0.314	8/18/2004			X	
238			10080	Active	6/11/04	B-22	0.2006	8/18/2004			X	
239			7806	Active	6/9/04	B-24	0.179	8/18/2004			X	
240			4128	Active	6/8/04	B-3	0.2226	8/18/2004			X	
241			30424	Active	6/8/04	B-160	0.4655	8/18/2004			X	
242			9641	Active	6/9/04	B-285	0.0675	8/18/2004			X	
243			4760	Active	6/14/04	B-163	2.8	8/18/2004			X	
244			4130	Active	6/8/04	B-163	0.540	8/18/2004			X	
245			10831	Active	6/10/04	B-250	0.134	8/18/2004			X	
246			30402	Active	6/11/04	B-200	0.424	8/18/2004			X	
247			7841	Active	6/10/04	B-160	0.197	8/18/2004			X	
248			6081	Active	6/14/04	B-168	0.488	8/18/2004			X	
249			4399	Active	6/11/04	B-293	0.1225	8/18/2004			X	
250			4448	Active	6/11/04	B-293	0.114	8/18/2004			X	
251			30893	Active	6/10/04	B-35T	0.112	8/18/2004			X	
252			4856	Active	6/10/04	B-152F	0.226	8/18/2004			X	
253			4884	Active	6/8/04	B-142	0.516	8/18/2004			X	
254			9227	Active	6/11/04	B-1	0.00745	8/18/2004			X	
255			9468	Active	6/14/04	B-21	0.137	8/18/2004			X	
256			30233	Active	6/11/04	B-162	1.18	8/18/2004			X	
257			10894	Active	6/10/04	B-225	0.128	8/18/2004			X	
258			30672	Active	6/14/04	B-1	0.35	8/18/2004			X	
259			10276	Active	6/11/04	B-293	0.06786	8/18/2004			X	
260			7030	Active	6/10/04	B-35T	0.17	8/18/2004			X	
261			10368	Active	6/11/04	B-162	0.6	8/18/2004			X	
262			4146	Active	6/14/04	B-162	3.02	8/18/2004			X	
263			10371	Active	6/14/04	B-22	0.497	8/18/2004			X	
264			30102	Active	6/14/04	B-250	0.196	8/18/2004			X	
265			9343	Active	6/10/04	B-36T	0.181	8/18/2004			X	
266			10325	Active	6/14/04	B-15	0.231	8/18/2004			X	

(Professional Health Services)

11/9/2004

Redacted - Privacy

000625

2004 HEALTH SURVEY

#	Last Name	First Name, M. I.	PR#	Status	Date Sampled	Plant Location	C-B Blood Result (ppm)	Date Result Communicated to Patient	Results Entered in Flair	Work Hx Comp & Entered in Flair	Results Documented on Lab Card	Other Address
267			10541	Active	6/9/04	B-162	0.554	8/18/2004			X	
268			9706	Active	6/11/04	B-158	0.1156	8/18/2004			X	
269			30484	Active	6/8/04	B-6	0.27	8/18/2004			X	
270			10602	Active	6/9/04	B-195	0.585	8/18/2004			X	
271			10845	Active	6/14/04	B-226	0.106	8/18/2004			X	
272			10331	Active	6/10/04	B-293	0.0813	8/18/2004			X	
273			3854	Active	6/9/04	B-163	7.31	8/18/2004			X	
274			3791	Active	6/8/04	B-295	0.0987	8/18/2004			X	
275			10858	Active	6/14/04	B-215	0.0913	8/18/2004			X	
276			3690	Active	6/9/04	B-22	0.644	8/18/2004			X	
277			4823	Active	6/11/04	B-212	0.708	8/18/2004			X	
278			30860	Active	6/10/04	B-6	0.00807	8/18/2004			X	
279			10273	Active	6/11/04	B-15	0.244	8/18/2004			X	
280			9739	Active	6/9/04	B-250	0.229	8/18/2004			X	
281			4504	Active	6/10/04	B-170	3.13	8/18/2004			X	
282			10882	Active	6/8/04	EPC	0.148	8/18/2004			X	
283			30810	Active	6/10/04	B-35T	0.0317	8/18/2004			X	
284			30901	Active	6/11/04	B-168	0.00458	8/18/2004			X	
285			2812	Active	6/14/04	B-166	0.239	8/18/2004			X	
286			30839	Active	6/14/04	B-152F	0.127	8/18/2004			X	
287			30703	Active	6/14/04	B-293	0.36	8/18/2004			X	
288			4593	Active	6/9/04	B-609	0.165	8/18/2004			X	
289			4340	Active	6/9/04	B-163	1.27	8/18/2004			X	
290			4935	Active	6/8/04	B-215	0.4295	8/18/2004			X	
291			10093	Active	6/8/04	B-12	0.348	8/18/2004			X	
292			10338	Active	6/11/04	B-152F	0.857	8/18/2004			X	
293			30874	Active	6/8/04	B-200	0.0928	8/18/2004			X	
294			10249	Active	6/9/04	B-163	0.546	8/18/2004			X	
295			10152	Active	6/14/04	B-142	0.0785	8/18/2004			X	
296			10864	Active	6/9/04	B-163	0.294	8/18/2004			X	
297			30485	Active	6/11/04	B-163	3.18	8/18/2004			X	
298			4201	Active	6/9/04	B-195	0.952	8/18/2004			X	
299			30247	Active	6/8/04	B-168	0.242	8/18/2004			X	
300			4583	Active	6/30/04	B-3	0.352	9/17/2004				
301			30050	Active	6/24/04	B-168	1.57	9/17/2004				
302			4329	Active	7/2/04	B-163	0.429	9/16/2004				
303			10364	Active	7/12/04	B-162	0.15	9/15/2004				
304			3881	Active	6/23/04	B-293	0.1545	9/17/2004				

000626

2004 HEALTH SURVEY

#	Last Name	First Name, M.I.	PR#	Status	Date Sampled	Plant Location	C-8 Blood Result (ppm)	Date Result Communicated to Patient	Results Entered in Flair	Work Ltr Comp & Entered in Flair	Results Documented on Lab Card	Other Address
305			9881	Active	6/18/04	B-145	0.107	9/16/2004				
306			10491	Active	6/24/04	B-163	1.1	9/17/2004				
307			7882	Active	6/23/04	B-22	0.2325	9/17/2004				
308			30062	Active	7/8/04	B-200	0.0199	9/15/2004				
309			9723	Active	7/8/04	B-145	0.0856	9/16/2004				
310			4159	Active	7/1/04	B-12	0.221	9/15/2004				
311			8119	Active	7/14/04	B-21	0.0583	9/17/2004				
312			10723	Active	7/19/04	B-163	0.0655	9/17/2004				
313			10453	Active	6/24/04	B-12	0.351	9/17/2004				
314			10561	Active	7/1/04	B-250	0.192	9/15/2004				
315			4488	Active	6/15/04	B-27	0.315	9/16/2004				
316			4031	Active	7/9/04	B-22	1.38	9/17/2004				
317			30996	Active	7/8/04	B-21	0.083	9/16/2004				
318			10572	Active	7/13/04	B-16	0.258	9/15/2004				
319			30772	Active	6/18/04	B-168	0.118	9/16/2004				
320			9880	Active	6/29/04	B-18	0.104	9/16/2004				
321			10438	Active	7/12/04	B-285	0.0673	9/16/2004				
322			4034	Active	6/15/04	B-301	0.133	9/15/2004				
323			10066	Active	6/21/04	B-22	0.165	9/15/2004				
324			10212	Active	7/13/04	B-285	0.369	9/15/2004				
325			30588	Active	7/14/04	B-168	0.167	9/17/2004				
326			30554	Active	7/6/04	B-168	0.0657	9/17/2004				
327			4924	Active	6/17/04	B-162	5.09	9/16/2004				
328			10449	Active	7/13/04	B-200	0.2365	9/15/2004				
329			6417	Active	6/22/04	B-21	0.184	9/16/2004				
330			4616	Active	7/9/04	B-163	3.16	9/17/2004				
331			6433	Active	7/9/04	B-285	0.231	9/17/2004				
332			6187	Active	7/1/04	B-283	0.0908	9/15/2004				
333			3991	Active	6/30/04	B-27	0.637	9/17/2004				
334			7953	Active	6/29/04	B-5	0.1455	9/17/2004				
335			4777	Active	7/19/04	B-142	0.05225	9/17/2004				
336			7050/92247	Pensioner	6/24/04		0.715	9/17/2004				
337			10164	Active	6/22/04	B-3	0.0895	9/15/2004				
338			6547	Active	6/23/04	B-13	0.0284	9/15/2004				
339			9679	Active	7/9/04	B-21T	0.169	9/17/2004				
340			30258	Active	6/16/04	B-184	0.29	9/16/2004				
341			30013	Active	6/24/04	B-24	0.38	9/17/2004				
342			30390	Active	6/26/04	B-163	0.558	9/16/2004				

(Professional Health Services)

Redacted - Privacy

11/9/2004

000627

2004 HEALTH SURVEY

#	Last Name	First Name, M. I.	PR#	Status	Date Sampled	Plant Location	C-B Blood Result (ppm)	Date Result Communicated to Patient	Results Entered in Flair	Work Hx Comp & Entered in Flair	Results Documented on Lab Card	Other Address
343			4823	Active	7/9/04	B-142	0.09	9/17/2004				
344			9992	Active	6/23/04	B-102	0.0684	9/16/2004				
345			10588	Active	6/23/04	B-152F	0.164	9/15/2004				
346			9487	Active	6/21/04	B-228	0.0584	9/16/2004				
347			4275	Active	7/9/04	B-163	0.149	9/17/2004				
348			30637	Active	6/21/04	B-293	0.03445	9/15/2004				
349			30649	Active	6/18/04	B-285	0.0191	9/16/2004				
350			30326	Active	6/26/04	B-6	0.171	9/16/2004				
351			10829	Active	6/22/04	B-182	0.349	9/16/2004				
352			30760	Active	6/24/04	B-5	0.411	9/16/2004				
353			10825	Active	6/23/04	B-40	0.435	9/16/2004				
354			30910	Active	6/15/04	B-145	0.00573	9/16/2004				
355			10303	Active	7/7/04	B-22	0.055	9/15/2004				
356			10413	Active	7/13/04	B-228	0.0748	9/16/2004				
357			3784	Active	6/26/04	B-207	0.411	9/15/2004				
358			9956	Active	7/16/04	B-200	0.14	9/17/2004				
359			30425	Active	7/6/04	B-158	0.0483	9/17/2004				
360			10194	Active	6/17/04	B-163	1.49	9/17/2004				
361			10876	Active	6/16/04	B-250	0.116	9/16/2004				
362			30360	Active	6/24/04	B-150	0.187	9/17/2004				
363			10226	Active	6/29/04	B-250	0.0298	9/17/2004				
364			4891	Active	7/16/04	B-22	0.279	9/17/2004				
365			4895	Active	7/19/04	B-152	0.114	9/17/2004				
366			30033	Active	7/1/04	B-285	0.511	9/17/2004				
367			30309	Active	7/6/04	B-6	0.0781	9/17/2004				
368			4108	Active	7/5/04	B-163	0.372	9/17/2004				
369			4348	Active	6/24/04	B-142	0.0924	9/16/2004				
370			10534	Active	6/15/04	B-162	0.708	9/16/2004				
371			10823	Active	6/22/04	B-609	0.0986	9/16/2004				
372			10057	Active	6/16/04	B-152F	0.0768	9/16/2004				
373			30832	Active	6/22/04	B-21	0.0398	9/15/2004				
374			10854	Active	7/13/04	B-142	0.565	9/15/2004				
375			30841	Active	7/15/04	B-188	0.0254	9/17/2004				
376			10705	Active	6/21/04	B-226	0.0861	9/16/2004				
377			10690	Active	6/23/04	B-225	0.0256	9/15/2004				
378			10188	Active	6/15/04	B-163	0.204	9/16/2004				
379			30533	Active	6/16/04	B-22	0.261	9/16/2004				
380			4587	Active	7/8/04	B-22	0.2495	9/16/2004				

(Professional Health Services)

Redacted - Privacy

2004 HEALTH SURVEY

#	Last Name	First Name, M.I.	PR#	Status	Date Sampled	Plant Location	C-8 Blood Result (ppm)	Date Result Communicated to Patient	Results Entered in Flair	Work Rtr Comp & Entered in Flair	Results Documented on Lab Card	Other Address
381			4658	Active	7/8/04	B-22	0.209	9/16/2004				
382			9880	Active	6/30/04	B-160	0.0952	9/17/2004				
383			6117	Active	6/25/04	B-13	0.0478	9/15/2004				
384			30411	Active	6/24/04	B-280	0.1126	9/17/2004				
385			10826	Active	7/15/04	B-215	0.0926	9/17/2004				
386			10315	Active	6/24/04	B-40	0.136	9/16/2004				
387			10353	Active	6/21/04	B-301	0.446	9/16/2004				
388			4621	Active	6/15/04	B-163	0.7076	9/16/2004				
389			10907	Active	6/15/04	B-250	0.392	9/16/2004				
390			10757	Active	6/23/04	B-40	0.384	9/15/2004				
391			10828	Active	7/6/04	B-609	0.07795	9/15/2004				
392			10838	Active	6/21/04	B-226	0.0776	9/16/2004				
393			10126	Active	7/8/04	B-225	0.0571	9/17/2004				
394			9596	Active	7/13/04	B-35T	0.0356	9/15/2004				
395			4065	Active	7/9/04	B-296	0.318	9/17/2004				
396			4765	Active	7/15/04	B-15	0.232	9/17/2004				
397			10442	Active	7/19/04	B-18	1.15	9/17/2004				
398			30882	Active	6/18/04	B-200	0.04355	9/16/2004				
399			10075	Active	6/17/04	B-168	0.104	9/16/2004				
400			30817	Active	6/16/04	B-170	0.1035	9/16/2004				
401			4501	Active	7/16/04	B-21	0.114	9/15/2004				
402			10406	Active	7/12/04	B-168	0.0681	9/15/2004				
403			4721	Active	6/17/04	B-162F	0.06125	9/16/2004				
404			10692	Active	7/19/04	B-22	0.0721	9/17/2004				
405			30095	Active	6/21/04	B-182	0.198	9/15/2004				
406			30552	Active	6/15/04	B-35T	0.136	9/15/2004				
407			4062/92236	Pensioner	6/26/04	B-15	0.128	9/17/2004				
408			4674	Active	7/14/04	B-162	0.287	9/15/2004				
409			4085	Active	7/2/04	B-207	0.445	9/15/2004				
410			7817	Active	6/15/04	B-6	0.248	9/16/2004				
411			6400	Active	6/18/04	B-21	0.171	9/16/2004				
412			30669	Active	6/18/04	B-20T	0.562	9/16/2004				
413			30209	Active	6/22/04	B-168	0.0696	9/15/2004				
414			10637	Active	6/29/04	B-182	0.797	9/17/2004				
415			30463	Active	7/15/04	B-184T	0.336	9/17/2004				
416			10807	Active	7/12/04	B-152F	0.252	9/15/2004				
417			30837	Active	7/6/04	B-12	0.279	9/17/2004				
418			4247	Active	7/8/04	B-163	1.06	9/17/2004				

(Professional Health Services)

Redacted - Privacy

2004 HEALTH SURVEY

#	Last Name	First Name, M.I.	PR#	Status	Date Sampled	Plant Location	C-8 Blood Result (ppm)	Date Result Communicated to Patient	Results Entered in Flair	Work Hx Comp & Entered in Flair	Results Documented on Lab Card	Other Address
419			10334	Active	6/18/04	B-225	0.1656	9/16/2004				
420			30894	Active	7/16/04	B-293	0.0271	9/17/2004				
421				Active	6/23/04	B-22	0.289	9/15/2004				
422			10176	Active	7/16/04	B-21	0.1185	9/17/2004				
423			6423	Active	6/18/04	B-162	1.63	9/16/2004				
424			10322	Active	6/23/04	B-162	1.38	9/17/2004				
425			10897	Active	7/8/04	B-295	0.211	9/16/2004				
426			10447	Active	6/29/04	B-152F	0.218	9/15/2004				
427			4686	Active	6/21/04	B-228	0.18	9/15/2004				
428			4210	Active	7/14/04	B-163	0.123	9/17/2004				
429			30797	Active	6/28/04	B-142	0.1255	9/15/2004				
430			10196	Active	6/22/04	B-168	0.837	9/16/2004				
431			9834	Active	6/24/04	B-168	2.07	9/17/2004				
432			30283	Active	6/22/04	B-3	0.252	9/16/2004				
433			6161	Active	7/8/04	B-180T	0.5315	9/16/2004				
434			10565	Active	7/16/04	B-250	0.13	9/16/2004				
435			10874	Active	6/17/04	B-152F	0.195	9/16/2004				
436			4767	Active	6/18/04	B-18	0.311	9/16/2004				
437			10844	Active	6/30/04	B-152	0.134	9/17/2004				
438			4752	Active	7/15/04	B-250	0.113	9/17/2004				
439			10407	Active	7/8/04	B-144	0.069	9/15/2004				
440			4828	Active	6/16/04	B-22	0.0616	9/16/2004				
441			10888	Active	6/17/04	B-142	0.189	9/16/2004				
442			10021	Active	7/19/04	B-301	0.0633	9/17/2004				
443			4650	Active	7/16/04	B-18	0.0879	9/15/2004				
444			30765	Active	6/24/04	B-609	0.133	9/15/2004				
445			10277	Active	6/30/04	B-228	0.0423	9/17/2004				
446			30756	Active	6/25/04	B-142	0.102	9/16/2004				
447			4761	Active	7/1/04	B-15	0.231	9/17/2004				
448			4467	Active	6/24/04	B-200	0.595	9/17/2004				
449			6499	Active	6/16/04	B-285	0.0363	9/16/2004				
450			9877	Active	7/19/04	B-22	0.56	9/17/2004				
451			10457	Active	6/17/04	B-163	1.12	9/16/2004				
452			30795	Active	6/16/04	B-22	0.127	9/16/2004				
453			10858	Active	6/18/04	B-142	0.7685	9/16/2004				
454			30403	Active	6/21/04	B-142	0.0953	9/15/2004				
455			10137	Active	7/13/04	B-22	0.489	9/17/2004				
456			4226	Active	6/21/04	B-21	0.025	9/16/2004				
459			30864	Active								

(Professional Health Services)

2004 HEALTH SURVEY

#	Last Name	First Name, M. I.	PR#	Status	Date Sampled	Plant Location	C-8 Blood Result (ppm)	Date Result Communicated to Patient	Results Entered in Flair	Work Hx Comp & Entered in Flair	Results Documented on Lab Card	Other Address
457			9756	Active	7/1/04	B-8	0.439	9/15/2004				
458			30048	Active	7/14/04	B-35T	0.137	9/15/2004				
459			10812	Active	8/25/04	B-144	0.08286	9/17/2004				
460			9669	Active	8/19/04	B-22	0.357	9/18/2004				
461			7060	Active	8/17/04	B-24	0.143	9/18/2004				
462			7819	Active	8/15/04	B-293	0.0579	9/18/2004				
463			10053	Active	8/22/04	B-250	0.0973	9/15/2004				
464			10197	Active	8/23/04	B-162F	0.211	9/15/2004				
465			9897	Active	8/24/04	B-162	0.728	9/17/2004				
466			30808	Active	8/30/04	B-226	0.0342	9/17/2004				
467			30873	Active	7/16/04	B-152	0.115	9/17/2004				
468			10284	Active	8/30/04	B-35T	0.193	9/17/2004				
469			10416	Active	8/18/04	B-226	0.0742	9/18/2004				
470			6560	Active	8/16/04	B-13	0.0898	9/18/2004				
471			4096	Active	7/1/04	B-3	0.1366	9/15/2004				
472			10327	Active	8/22/04	B-162	0.206	9/15/2004				
473			4659	Active	7/8/04	B-225	0.137	9/17/2004				
474			30818	Active	7/19/04	B-286	0.237	9/17/2004				
475			10653	Active	6/21/04	B-142	0.0575	9/15/2004				
476			4712	Active	8/24/04	B-163	0.155	9/17/2004				
477			30210	Active	8/29/04	B-158	0.048	9/17/2004				
478			4305	Active	8/15/04	B-260	0.0881	9/16/2004				
479			4787	Active	8/17/04	B-142	0.266	9/16/2004				
480			4834	Active	8/16/04	B-170	4.415	9/17/2004				
481			10161	Active	7/8/04	B-280	0.0255	9/17/2004				
482			10461	Active	7/16/04	B-250	0.22	9/18/2004				
483			4264	Active	8/24/04	B-200	0.3175	9/17/2004				
484			10383	Active	7/9/04	B-5	0.619	9/17/2004				
485			4861	Active	7/16/04	B-5	0.052	9/15/2004				
486			9202	Active	8/24/04	B-168	0.467	9/16/2004				
487			4569	Active	8/16/04	B-22	0.4426	9/18/2004				
488			9861	Active	8/30/04	B-6	0.167	9/17/2004				
489			10865	Active	8/21/04	B-22	0.0702	9/15/2004				
490			30002	Active	7/1/04	B-158	0.0548	9/16/2004				
491			30229	Active	8/18/04	B-6	0.467	9/16/2004				
492			4720	Active	8/21/04	B-207	0.18	9/15/2004				
493			10902	Active	7/8/04	B-301	0.0281	9/17/2004				
494			10576	Active	6/28/04	B-15	0.503	9/18/2004				

(Professional Health Services)

Redacted - Privacy

/gjs 11/9/2004

000631

2004 HEALTH SURVEY

#	Last Name	First Name, M.I.	PR#	Status	Date Sampled	Plant Location	C-8 Blood Result (ppm)	Date Result Communicated to Patient	Results Entered in Flair	Work Hx Comp & Entered in Flair	Results Documented on Lab Card	Other Address
495			10382	Active	7/8/04	B-195	0.159	9/15/2004				
496			10635	Active	6/30/04	B-163	0.173	9/17/2004				
497			7869	Active	6/30/04	B-22	0.174	9/17/2004				
498			10452	Active	6/25/04	B-162	0.422	9/15/2004				
499			10028	Active	6/21/04	B-142	0.0576	9/15/2004				
500			30857	Active	6/26/04	B-21	0.0429	9/15/2004				
501			10468	Active	8/30/04	B-215	0.242	9/17/2004				
502			7835	Active	6/18/04	B-293	0.311	9/16/2004				
503			7878	Active	6/24/04	B-168	0.369	9/17/2004				
504			7830	Active	7/16/04	B-21	0.569	9/17/2004				
505			9242	Active	6/23/04	B-168	0.198	9/15/2004				
506			10799	Active	6/23/04	B-162	0.281	9/16/2004				
507			3808	Active	6/24/04	B-3	0.271	9/15/2004				
508			4344	Active	7/16/04	B-22	1.21	9/15/2004				
509			10414	Active	6/21/04	B-163	6.81	9/15/2004				
510			30421	Active	7/2/04	B-35T	0.2815	9/17/2004				
511			4221	Active	6/30/04	B-301	0.309	9/17/2004				
512			10665	Active	6/30/04	B-225	0.0822	9/17/2004				
513			30563	Active	6/18/04		0.1	9/17/2004				
514			30491	Active	7/8/04	B-265	0.19	9/17/2004				
515			7135/92261	Pensioner	6/16/04		0.067	9/17/2004				
516			10903	Active	7/12/04	B-144	0.145	9/15/2004				
517			4192	Active	6/16/04	B-609	0.241	9/15/2004				
518			10475	Active	6/29/04	B-152F	0.213	9/15/2004				
519			10363	Active	6/30/04	B-142	0.264	9/17/2004				
520			10086	Active	6/21/04	B-163	0.401	9/16/2004				
521			10542	Active	6/25/04	B-163	1.52	9/17/2004				
522			30848	Active	6/26/04	B-226	0.0451	9/16/2004				
523			9957	Active	6/26/04	B-200	0.251	9/16/2004				
524			9677	Active	7/8/04	B-163	2.39	9/17/2004				
525			10797	Active	7/16/04	B-162	0.4	9/17/2004				
526			9804	Active	6/15/04	B-142	0.1215	9/16/2004				
527			4179	Active	6/17/04	B-18	0.192	9/16/2004				
528			4675	Active	6/30/04	B-16	0.579	9/17/2004				
529			9422	Active	6/22/04	B-1	0.363	9/15/2004				
530			10790	Active	6/15/04	B-226	0.182	9/16/2004				
531			30833	Active	7/1/04	B-160	0.0128	9/15/2004				
532			4851	Active	6/21/04	B-215	0.159	9/16/2004				

(Professional Health Services)

Redacted - Privacy

2004 HEALTH SURVEY

#	Last Name	First Name, M. I.	PR#	Status	Date Sampled	Plant Location	C-8 Blood Result (ppm)	Date Result Communicated to Patient	Results Entered in Flair	Work Hx Comp & Entered in Flair	Results Documented on Lab Card	Other Address
533			10836	Active	7/1/04	B-152F	0.0235	9/15/2004				
534			10164	Active	7/8/04	B-301	0.272	9/17/2004				
535			10014	Active	6/23/04	B-22	0.131	9/17/2004				
536			9921	Active	6/23/04	B-12	0.147	9/15/2004				
537			4482	Active	6/23/04	B-18	0.212	9/15/2004				
538			30144	Active	6/23/04	B-2	0.0999	9/17/2004				
539			30519	Active	6/23/04	B-142	0.0944	9/15/2004				
540			10839	Active	7/5/04	B-22	0.0359	9/17/2004				
541			30826	Active	6/26/04	B-4	0.0577	9/16/2004				
542			30311	Active	6/17/04	B-22	0.31	9/16/2004				
543			4019	Active	7/1/04	B-152F	0.154	9/17/2004				
544			4068	Active	6/23/04	B-152F	0.186	9/15/2004				
545			30393	Active	6/23/04	B-163	0.8096	9/15/2004				
546			2927	Active	7/19/04	B-3	0.249	9/17/2004				
547			10090	Active	7/14/04	B-18	0.315	9/17/2004				
548			9446	Active	6/23/04	B-4	0.127	9/17/2004				
549			10296	Active	6/25/04	B-226	0.163	9/15/2004				
550			10782	Active	6/21/04	B-152F	0.0816	9/15/2004				
551			10601	Active	6/18/04	B-184	1.095	9/16/2004				
552			30103	Active	6/29/04	B-36T	0.244	9/15/2004				
553			10410	Active	7/12/04	B-280	0.119	9/15/2004				
554			3953	Active	6/22/04	B-22	0.45	9/15/2004				
555			30679	Active	6/23/04	B-152F	0.144	9/16/2004				
556			10056	Active	6/26/04	B-162	8.27	9/16/2004				
557			10742	Active	6/30/04	B-15	0.207	9/17/2004				
558			10677	Active	6/25/04	B-152	0.0378	9/16/2004				
559			10107	Active	7/9/04	B-170	1.31	9/15/2004				
560			4225	Active	7/6/04	B-225	0.104	9/17/2004				
561			4606	Active	6/24/04	B-226	0.189	9/17/2004				
562			30261	Active	7/16/04	B-5	0.231	9/16/2004				
563			31000	Active	7/14/04	B-168	0.574	9/17/2004				
564			30184	Active	7/8/04	B-24	0.234	9/17/2004				
565			9500	Active	6/23/04	B-3	0.0543	9/16/2004				
566			10099	Active	7/12/04	B-184	0.307	9/15/2004				
567			4525	Active	6/30/04	B-207	0.22	9/17/2004				
568			30609	Active	7/9/04	B-301	0.186	9/16/2004				
569			4917	Active	7/2/04	B-225	0.169	9/15/2004				
570			30264	Active	8/22/04	B-285	0.0842	9/16/2004				

Reduced - Privacy

(Professional Health Services)

2004 HEALTH SURVEY

#	Last Name	First Name, M. I.	PR#	Status	Date Sampled	Plant Location	C-8 Blood Result (ppm)	Date Result Communicated to Patient	Results Entered in Flair	Work Hx Comp & Entered in Flair	Results Documented on Lab Card	Other Address
571			9181	Active	7/1/04	B-168	0.127	9/17/2004				
572			10292	Active	6/17/04	B-22	0.161	9/16/2004				
573			30671	Active	6/18/04	B-168	0.166	9/16/2004				
574			4345	Active	7/1/04	B-22	1.04	9/15/2004				
575			10584	Active	6/26/04	B-162	0.852	9/15/2004				
576			9844	Active	7/8/04	B-168	0.231	9/16/2004				
577			4885	Active	7/12/04	B-162	3.92	9/15/2004				
578			30097	Active	7/15/04	B-182	0.307	9/17/2004				
579			10390	Active	7/8/04	B-6	0.1895	9/17/2004				
580			4902	Active	6/29/04	B-162	1.36	9/17/2004				
581			9577	Active	7/14/04	B-5	0.17	9/17/2004				
582			30100	Active	7/8/04	B-280	0.06455	9/17/2004				
583			10606	Active	7/16/04	B-152F	0.096	9/17/2004				
584			4196	Active	6/26/04	B-163	0.272	9/15/2004				
585			4262	Active	6/29/04	B-250	0.172	9/16/2004				
586			10718	Active	7/16/04	B-158	0.101	9/15/2004				
587			10027	Active	7/16/04	B-184	0.778	9/17/2004				
588			10884	Active	7/2/04	B-162	0.199	9/17/2004				
589			3628	Active	6/24/04	B-152F	0.189	9/16/2004				
590			10832	Active	6/29/04	B-15	0.0824	9/15/2004				
591			4255	Active	6/21/04	B-256	0.1	9/16/2004				
592			10140	Active	7/8/04	B-163	0.24435	9/17/2004				
593			10470	Active	7/9/04	B-16	0.256	9/17/2004				
594			10760	Active	7/9/04	B-15	0.449	9/17/2004				
595			4848	Active	7/6/04	B-22	0.767	9/15/2004				
596			30677	Active	6/30/04	B-182	0.628	9/17/2004				
597			9822	Active	6/26/04	B-250	0.128	9/16/2004				
598			30718	Active	6/17/04	B-20	0.202	9/16/2004				
599			10651	Active	7/14/04	B-18	2.04	9/17/2004				
600			10901	Active	7/19/04	B-226	0.0738	9/17/2004				
601			10633	Active	7/14/04	B-280	0.109	9/17/2004				
602			10679	Active	7/16/04	B-164	0.941	9/15/2004				
603			10429	Active	7/9/04	B-12	0.04425	9/15/2004				
604			30726	Active	7/5/04	B-168	0.172	9/15/2004				
605			4568	Active	6/15/04	B-162	0.984	9/16/2004				
606			9164	Active	6/30/04	B-168	0.3665	9/17/2004				
607			9195	Active	6/26/04	B-21	0.581	9/15/2004				
608			7864	Active	7/13/04	B-22	0.525	9/15/2004				

(Professional Health Services)

2004 HEALTH SURVEY

#	Last Name	First Name, M.I.	PR#	Status	Date Sampled	Plant Location	C-8 Blood Result (ppm)	Date Result Communicated to Patient	Results Entered in Flair	Work Hx Comp & Entered in Flair	Results Documented on Lab Card	Other Address
609			7250	Active	6/23/04	B-22	0.13	9/16/2004				
610			4602	Active	6/18/04	B-162	7.96	9/16/2004				
611			4636	Active	6/25/04	B-207	0.164	9/17/2004				
612			4884	Active	6/25/04	B-280	0.121	9/17/2004				
613			9377	Active	6/16/04	B-285	0.672	9/16/2004				
614			2663/92249	Pensioner	6/24/04		0.194	9/17/2004				
615			10196	Active	6/30/04	B-226	0.128	9/17/2004				
616			10402	Active	6/26/04	B-225	0.195	9/15/2004				
617			3889	Active	7/8/04	B-18	0.419	9/17/2004				
618			3668	Active	7/8/04	B-225	0.1705	9/17/2004				
619			4368	Active	6/22/04	B-216	0.378	9/16/2004				
620			10058	Active	6/24/04	B-228	0.141	9/16/2004				
621			30490	Active	6/15/04	B-215	0.24	9/16/2004				
622			30749	Active	7/12/04	B-168	0.196	9/15/2004				
623			10645	Active	6/25/04	B-162	0.708	9/16/2004				
624			10769	Active	6/26/04	B-18	0.143	9/15/2004				
625			30819	Active	6/25/04	B-18	0.289	9/15/2004				
626			10116	Active	6/21/04	B-195	1.13	9/16/2004				
627			10035	Active	7/16/04	B-250	0.0473	9/17/2004				
628			2839	Active	6/30/04	B-168	0.471	9/17/2004				
629			7960	Active	6/28/04	B-5	0.368	9/16/2004				
630			30876	Active	6/16/04	B-293	0.02586	9/16/2004				
631			10415	Active	6/18/04	B-152	0.114	9/16/2004				
632			7212	Active	7/14/04	B-36T	1.46	9/17/2004				
633			30751	Active	6/24/04	B-5	0.0677	9/17/2004				
634			7309	Active	7/13/04	B-22	0.329	9/15/2004				
635			4845	Active	6/26/04	B-152F	0.109	9/17/2004				
636			7998	Active	7/12/04	B-21	0.0982	9/15/2004				
637			30829	Active	6/22/04	B-168	0.103	9/15/2004				
638			4200	Active	6/16/04	B-293	0.0586	9/16/2004				
639			2936	Active	6/16/04	B-145	0.058	9/16/2004				
640			10205	Active	7/13/04	B-226	0.08486	9/15/2004				
641			3821	Active	7/16/04	B-164	0.77	9/17/2004				
642			4453	Active	7/16/04	B-163	2.78	9/17/2004				
643			10093	Active	6/22/04	B-260	0.0802	9/15/2004				
644			10886	Active	6/26/04	B-609	0.1375	9/16/2004				
645			16436	Active	6/21/04	B-293	0.0616	9/16/2004				
646			10084	Active	7/13/04	B-609	0.0807	9/15/2004				

(Professional Health Services)

Redacted - Privacy

2004 HEALTH SURVEY

#	Last Name	First Name, M.I.	PR#	Status	Date Sampled	Plant Location	C-B Blood Result (ppm)	Date Result Communicated to Patient	Results Entered in Flair	Work Hx Comp & Entered in Flair	Results Documented on Lab Card	Other Address
647			30762	Active	6/24/04	B-216	0.366	9/17/2004				
648			9894	Active	6/16/04	B-200	0.562	9/16/2004				
649			30851	Active	7/9/04	B-21	0.0313	9/16/2004				
650			30821	Active	6/18/04	B-3	0.659	9/16/2004				
651			4576	Active	7/19/04	B-200	0.315	9/17/2004				
652			10362	Active	6/21/04	B-22	0.1565	9/16/2004				
653			9798	Active	6/25/04	B-22	0.359	9/15/2004				
654			30736	Active	6/22/04	B-102	0.172	9/16/2004				
655			4484	Active	6/16/04	B-207	0.132	9/16/2004				
656			30796	Active	7/15/04	B-21	0.0947	9/17/2004				
657			30792	Active	7/6/04	B-168	0.114	9/16/2004				
658			30622	Active	6/16/04	B-18	0.148	9/16/2004				
659			3499	Active	6/30/04	B-256	0.117	9/17/2004				
660			30694	Active	7/8/04	B-36T	0.049	9/17/2004				
661			30428	Active	7/9/04	B-226	0.131	9/15/2004				
662			30619	Active	7/13/04	B-226	0.0855	9/16/2004				
663			10309	Active	6/18/04	B-162	2.09	9/16/2004				
664			10163	Active	7/9/04	B-163	0.6	9/17/2004				
665			30882	Active	6/29/04	B-1	0.0116	9/17/2004				
666			7770	Active	6/24/04	Lil. Hocking	0.135	9/17/2004				
667			4442	Active	6/15/04	B-185	0.2885	9/16/2004				
668			9102	Active	6/30/04	B-21T	0.308	9/17/2004				
669			10360	Active	6/23/04	B-162	0.799	9/16/2004				
670			30448	Active	6/15/04	B-168	0.18	9/16/2004				
671			9720	Active	6/18/04	B-145	0.282	9/16/2004				
672			6529	Active	7/16/04	B-260	0.3935	9/16/2004				
673			4669	Active	7/16/04	B-185	2.06	9/17/2004				
674			30319	Active	6/23/04	B-285	0.148	9/17/2004				
675			3711	Active	7/9/04	B-225	0.235	9/16/2004				
676			4105	Active	6/25/04	B-162	0.803	9/17/2004				
677			10592	Active	7/15/04	B-152F	0.116	9/17/2004				
678			4860	Active	7/1/04	B-207	0.2666	9/17/2004				
679			4436	Active	7/1/04	B-22	0.07715	9/15/2004				
680			4116	Active	7/16/04	B-195	1.49	9/17/2004				
681			4892	Active	7/2/04	B-293	0.0349	9/16/2004				
682			30520	Active	6/26/04	B-168	0.331	9/17/2004				
683			9470	Active	6/22/04	B-168	0.421	9/16/2004				
684			4835	Active	7/13/04	B-160	0.169	9/15/2004				

(Professional Health Services)

Redacted - Privacy

/s/ 11/9/2004

000636

2004 HEALTH SURVEY

#	Last Name	First Name, M. I.	PR#	Status	Date Sampled	Plant Location	C-8 Blood Result (ppm)	Date Result Communicated to Patient	Results Entered in Flair	Work Hx Comp & Entered in Flair	Results Documented on Lab Card	Other Address
685			10500	Active	6/24/04	B-162	9.55	9/16/2004				
686			10726	Active	7/19/04	B-215	0.111	9/17/2004				
687			3776	Active	6/24/04	B-225	0.0219	9/17/2004				
688			30704	Active	6/25/04	B-200	0.0918	9/16/2004				
689			3769	Active	7/13/04	B-169	0.439	9/16/2004				
690			10884	Active	7/15/04	B-152F	0.0822	9/17/2004				
691			6298	Active	6/25/04	B-145	0.862	9/16/2004				
692			30828	Active	6/30/04	B-35T	0.941	9/17/2004				
693			3719	Active	7/12/04	B-22	0.513	9/18/2004				
694			6637	Active	7/6/04	B-163	0.444	9/17/2004				
695			4408	Active	6/15/04	B-212	0.586	9/16/2004				
696			9820	Active	7/19/04	B-18	1.69	9/17/2004				
697			9567	Active	6/22/04	B-158	0.204	9/16/2004				
698			9516	Active	7/12/04	B-168	0.589	9/16/2004				
699			4570	Active	6/24/04	B-3	0.3515	9/17/2004				
700			30299	Active	7/2/04		0.2285	9/17/2004				
701			30605	Active	7/1/04	B-22	0.04216	9/16/2004				
702			9666	Active	6/26/04	B-1	0.096	9/17/2004				
703			4842	Active	7/8/04	B-250	0.137	9/17/2004				
704			4162	Active	6/25/04	B-301	0.559	9/16/2004				
705			6464	Active	6/30/04	B-1	0.0403	9/17/2004				
706			10710	Active	6/25/04	B-162	3.88	9/16/2004				
707			10519	Active	7/12/04	B-162	0.482	9/16/2004				
708			7942	Active	6/24/04	B-21	0.247	9/17/2004				
709			30297	Active	7/6/04	B-5	0.062	9/17/2004				
710			10807	Active	7/16/04	B-163	0.2095	9/17/2004				
711			30642	Active	6/23/04	B-168	0.138	9/16/2004				
712			7794/92246	Pensioner	6/22/04		0.0568	9/17/2004				
713			4680	Active	7/1/04	B-22	0.201	9/16/2004				
714			30049	Active	6/26/04	B-1	0.179	9/16/2004				
715			9041	Active	6/22/04	B-168	0.309	9/16/2004				
716			9173	Active	6/18/04	B-21	0.296	9/16/2004				
717			10166	Active	7/16/04	B-22	0.197	9/17/2004				
718			10570	Active	7/1/04	B-40	0.589	9/16/2004				
719			30204	Active	7/15/04	B-21T	0.0322	9/17/2004				
720			10368	Active	6/18/04	B-226	0.178	9/16/2004				
721			30147	Active	6/16/04	B-215	0.135	9/16/2004				
722			3997	Active	6/21/04	B-225	0.138	9/16/2004				

Redacted - Privacy

(Professional Health Services)

Redacted - Privacy

/gjs 11/9/2004

000637

2004 HEALTH SURVEY

#	Last Name	First Name, M. I.	PR#	Status	Date Sampled	Plant Location	C-8 Blood Result (ppm)	Date Result Communicated to Patient	Results Entered in Flair	Work Hx Comp & Entered in Flair	Results Documented on Lab Card	Other Address
723			30486	Active	6/26/04	B-22	0.159	9/17/2004				
724			10852	Active	7/16/04	B-260	0.1	9/17/2004				
725			4728	Active	6/23/04	B-225	0.2	9/17/2004				
726			4407	Active	6/21/04	B-226	0.07025	9/16/2004				
727			4025	Active	7/8/04	B-152	0.127	9/16/2004				
728			30890	Active	7/12/04	B-188	0.0373	9/15/2004				
729			10551	Active	7/15/04	B-216	0.188	9/17/2004				
730			10818	Active	6/15/04	B-142	0.0898	9/16/2004				
731			4282	Active	6/25/04	B-3	0.225	9/16/2004				
732			4822	Active	6/17/04	B-260	0.207	9/17/2004				
733			9398	Active	7/18/04	B-283	0.08775	9/16/2004				
734			30593	Active	7/8/04	B-102T	0.304	9/17/2004				
735			10234	Active	7/13/04	B-184	0.195	9/15/2004				
736			10788	Active	6/24/04	B-226	0.0804	9/17/2004				
737			4049	Active	6/16/04	B-185	0.839	9/16/2004				
738			10518	Active	6/30/04	B-22	0.172	9/17/2004				
739			30343	Active	7/16/04	B-152F	0.0967	9/17/2004				
740			30232	Active	7/16/04	B-226	0.0559	9/17/2004				
741			3755	Active	7/16/04	B-40	0.0882	9/17/2004				
742			10361	Active	7/2/04	B-250	0.0562	9/15/2004				
743			30085	Active	7/15/04	B-35T	0.408	9/17/2004				
744			10020	Active	6/22/04	B-280	0.0837	9/15/2004				
745			30684	Active	6/24/04	B-20T	0.108	9/17/2004				
746			30504	Active	6/21/04	B-285	0.0812	9/15/2004				
747			30471	Active	7/13/04	B-160	0.023	9/16/2004				
748			10299	Active	7/2/04	B-207	0.13	9/15/2004				
749			10155	Active	7/16/04	B-182	0.242	9/17/2004				
750			30785	Active	7/8/04	B-207	0.185	9/18/2004				
751			4107	Active	7/8/04	B-280	0.207	9/18/2004				
752			4689	Active	6/26/04	B-18	0.135	9/18/2004				
753			4788	Active	6/21/04	B-280	0.0478	9/16/2004				
754			9958	Active	7/1/04	B-6	0.33	9/15/2004				
755			4528/92269	Pensioner	6/17/04		1.73	9/17/2004				
756			10160	Active	6/17/04	B-183	1.24	9/16/2004				
757			9018	Active	6/17/04	B-12	0.445	9/19/2004				
758			10289	Active	6/25/04	B-163	3.18	9/16/2004				
759			10819	Active	7/19/04	B-22	0.0632	9/17/2004				
760			10793	Active	7/8/04	B-152F	0.05025	9/17/2004				

(Professional Health Services)

Redacted - Privacy

000638

2004 HEALTH SURVEY

#	Last Name	First Name, M.I.	PR#	Status	Date Sampled	Plant Location	C-B Blood Result (ppm)	Date Result Communicated to Patient	Results Entered in Flair	Work Hx Comp & Entered in Flair	Results Documented on Lab Card	Other Address
761			2484	Active	7/6/04	B-6	0.1476	9/17/2004				
762			4422	Active	6/26/04	B-163	0.267	9/16/2004				
763			30667	Active	6/16/04	B-1	0.123	9/16/2004				
764			10040	Active	7/14/04	B-15	1.9	9/15/2004				
765			10743	Active	6/29/04	B-18	0.159	9/15/2004				
766			4584	Active	6/15/04	B-180T	0.492	9/16/2004				
767			9881	Active	6/17/04	B-150	0.243	9/16/2004				
768			10787	Active	6/22/04	B-152F	0.1915	9/15/2004				
769			4385	Active	6/26/04	B-296	0.05	9/17/2004				
770			6469	Active	7/8/04	B-12	0.0559	9/16/2004				
771			6232	Active	6/17/04	B-234	0.107	9/16/2004				
772			4701	Active	7/1/04	B-216	0.437	9/16/2004				
773			30447	Active	6/17/04	B-6	0.35	9/16/2004				
774			30189	Active	7/14/04	B-22	0.171	9/17/2004				
775			6424	Active	6/18/04	B-36T	0.0509	9/16/2004				
776			30331/92251	Pensioner	6/22/04		0.576	9/17/2004				
777			4783	Active	7/2/04	B-207	0.403	9/15/2004				
778			30301	Active	6/17/04	B-36T	1.59	9/16/2004				
779			10106	Active	7/15/04	B-22	0.163	9/17/2004				
780			10630	Active	6/18/04	B-256	0.298	9/16/2004				
781			9215	Active	6/22/04	B-5	0.0832	9/16/2004				
782			10004	Active	6/26/04	B-250	0.1885	9/16/2004				
783			10220	Active	7/12/04	B-144	0.476	9/15/2004				
784			10216	Active	7/19/04	B-144	0.161	9/17/2004				
785			10133	Active	6/18/04	B-207	0.227	9/16/2004				
786			30473	Active	6/23/04	B-168	0.196	9/15/2004				
787			10734	Active	6/25/04	B-152	0.143	9/17/2004				
788			30148	Active	7/14/04	B-265	0.0819	9/16/2004				
789			10091	Active	7/9/04	B-12	0.263	9/17/2004				
790			10472	Active	7/15/04	B-158	0.2436	9/17/2004				
791			10863	Active	7/1/04	B-225	0.07815	9/17/2004				
792			6088	Active	6/16/04	B-1	0.0372	9/16/2004				
793			10409	Active	6/26/04	B-163	0.8695	9/17/2004				
794			30838	Active	7/1/04	B-21	0.0558	9/15/2004				
795			10682	Active	6/21/04	B-250	0.196	9/15/2004				
796			30314	Active	7/16/04	B-3	0.116	9/17/2004				
797			31005	Active	7/16/04	B-160	0.167	9/17/2004				
798			10263	Active	7/6/04	B-180T	0.188	9/16/2004				
800												

(Professional Health Services)

Redacted - Privacy

2004 HEALTH SURVEY

#	Last Name	First Name, M.I.	PR#	Status	Date Sampled	Plant Location	C-8 Blood Result (ppm)	Date Result Communicated to Patient	Results Entered in Flair	Work Hx Comp & Entered in Flair	Results Documented on Lab Card	Other Address
801			30742	Active	6/25/04	B-200	0.0754	9/15/2004				
802			7235	Active	6/23/04	B-1	0.0591	9/15/2004				
803			30612	Active	6/16/04	B-150	0.04	9/16/2004				
804			30407	Active	6/17/04	B-293	0.067	9/16/2004				
805			30916	Active	6/26/04	B-162	0.881	9/15/2004				
806			30405	Active	7/6/04	B-5	0.0815	9/15/2004				
807			30423	Active	7/9/04	B-166	0.133	9/17/2004				
808			4343	Active	7/13/04	B-3	0.322	9/15/2004				
809			10306	Active	7/1/04	B-3	0.0769	9/15/2004				
810			10728	Active	6/16/04	B-280	0.257	9/16/2004				
811			10443	Active	7/16/04	B-193	0.0557	9/17/2004				
812			10836	Active	6/17/04	B-162	2.055	9/16/2004				
813			30757	Active	7/16/04	B-21	0.4045	9/17/2004				
814			10693	Active	6/18/04	B-22	0.161	9/16/2004				
815			10609	Active	6/29/04	B-226	0.0555	9/17/2004				
816			4791	Active	6/16/04	B-280	0.089	9/16/2004				
817			30569	Active	7/1/04	B-163	1.19	9/15/2004				
818			10167	Active	6/29/04	B-256	0.302	9/15/2004				
819			3969	Active	7/12/04	B-22	1.225	9/15/2004				
820			10257	Active	6/30/04	B-22	0.17	9/17/2004				
821			4818	Active	6/21/04	B-152F	0.102	9/15/2004				
822			4825	Active	7/9/04	B-163	0.877	9/17/2004				
823			10752	Active	6/25/04	B-162F	0.03995	9/17/2004				
824			4151	Active	6/23/04	B-22	0.427	9/17/2004				
825			30594	Active	7/19/04	B-152F	0.155	9/17/2004				
826			9185	Active	7/9/04	B-1	0.0557	9/17/2004				
827			4802	Active	7/19/04	B-142	0.481	9/17/2004				
828			4443	Active	6/21/04	B-207	0.206	9/16/2004				
829			30691	Active	6/30/04	B-5	0.297	9/17/2004				
830			10082	Active	6/22/04	B-162	0.804	9/15/2004				
831			10017	Active	7/15/04	B-18	0.918	9/17/2004				
832			4768	Active	7/13/04	B-152F	0.208	9/15/2004				
833			4568	Active	7/16/04	B-22	0.4945	9/17/2004				
834			10733	Active	7/13/04	B-18	0.203	9/15/2004				
835			10755	Active	7/8/04	B-207	0.0941	9/17/2004				
836			10775	Active	6/24/04	B-163	0.569	9/16/2004				
837			10495	Active	6/21/04	B-195	5.98	9/15/2004				
838			4171	Active	7/19/04	B-207	0.202	9/17/2004				

(Professional Health Services)

Redacted - Privacy

2004 HEALTH SURVEY

#	Last Name	First Name, M. I.	PR#	Status	Date Sampled	Plant Location	C-8 Blood Result (ppm)	Date Result Communicated To Patient	Results Entered in Flair	Work Hx Comp & Entered in Flair	Results Documented on Lab Card	Other Address
840			4438	Active	6/23/04	B-250	0.094	9/17/2004				
841			10392	Active	6/18/04	B-215	0.202	9/16/2004				
842			8447	Active	6/23/04	B-3	0.1275	9/15/2004				
843			10647	Active	7/6/04	B-152F	0.173	9/17/2004				
844			2821	Active	7/15/04	B-22	0.455	9/17/2004				
845			9450	Active	6/16/04	B-3	0.153	9/16/2004				
846			30502	Active	6/17/04	B-20	0.3765	9/16/2004				
847			4908	Active	6/21/04	B-195	0.494	9/15/2004				
848			10352	Active	7/9/04	B-250	0.554	9/16/2004				
849			30998	Active	??	B-188	0.0241	9/16/2004				
850			30460	Active	6/22/04	B-211	0.286	9/16/2004				
851			30444	Active	6/16/04	B-207	0.21	9/16/2004				
852			4456	Active	6/29/04	B-152F	0.291	9/15/2004				
853			30648	Active	6/17/04	B-6	0.154	9/16/2004				
854			4820	Active	7/19/04	B-301	0.248	9/17/2004				
855			2775	Active	6/25/04	B-13	0.0991	9/17/2004				
856			30826	Active	7/15/04	B-168	0.11	9/17/2004				
857			30859	Active	6/23/04	B-5	0.0194	9/15/2004				
858			10720	Active	6/29/04	B-225	0.0374	9/15/2004				
859			10314	Active	7/6/04	B-163	0.331	9/17/2004				
860			9375	Active	6/17/04	B-6	0.318	9/16/2004				
861			10659	Active	6/25/04	B-152F	0.174	9/17/2004				
862			30488	Active	6/16/04	B-293	0.377	9/16/2004				
863			10848	Active	6/17/04	B-215	0.124	9/16/2004				
864			10370	Active	6/22/04	B-22	0.238	9/16/2004				
865			10847	Active	6/18/04	B-226	0.0335	9/16/2004				
866			10862	Active	7/6/04	B-163	5.08	9/16/2004				
867			10088	Active	7/12/04	B-144	0.0941	9/15/2004				
868			9931	Active	7/14/04	B-6	0.0174	9/17/2004				
869			30134	Active	6/18/04	B-35T	0.255	9/16/2004				
870			10317	Active	6/21/04	B-280	0.06755	9/15/2004				
871			10439	Active	6/18/04	B-152	0.114	9/16/2004				
872			4764	Active	7/6/04	B-152F	0.129	9/16/2004				
873			30482	Active	6/18/04	B-152	0.0764	9/16/2004				
874			7622	Active	6/25/04	B-21T	0.208	9/15/2004				
875			4743	Active	7/2/04	B-142	0.0413	9/17/2004				
876			10663	Active	6/15/04	B-226	0.1115	9/16/2004				
877			10168	Active	6/21/04	B-280	0.119	9/15/2004				

2004 HEALTH SURVEY

#	Last Name	First Name, M. I.	PR#	Status	Date Sampled	Plant Location	C-8 Blood Result (ppm)	Date Result Communicated to Patient	Results Entered in Flair	Work Hx Comp & Entered in Flair	Results Documented on Lab Card	Other Address
878			10164	Active	6/26/04	B-162	0.299	9/17/2004				
879			10660	Active	6/16/04	B-180T	0.499	9/16/2004				
880			30881	Active	6/26/04	B-20	0.069	9/16/2004				
881			10460	Active	7/16/04	B-22	0.258	9/16/2004				
882			10892/92281	Pensioner	6/24/04		0.196	9/17/2004				
883			3987	Active	7/9/04	B-150	0.0413	9/17/2004				
884			30860	Active	6/30/04	B-158	0.007125	9/17/2004				
885			30375	Active	6/30/04	B-21	0.462	9/17/2004				
886			7839	Active	6/18/04	B-5	0.265	9/16/2004				
887			4682	Active	6/17/04	B-22	0.121	9/16/2004				
888			10359	Active	7/1/04	B-162	0.509	9/17/2004				
889			30611	Active	7/8/04	B-225	0.117	9/16/2004				
890			4113	Active	6/16/04	B-215	0.122	9/16/2004				
891			10712	Active	7/12/04	B-168	0.0707	9/16/2004				
892			4873	Active	7/14/04	B-162	6.54	9/16/2004				
893			30398	Active	7/1/04	B-163	0.96	9/15/2004				
894			4606	Active	6/26/04	B-200	0.215	9/17/2004				
895			6133	Active	6/15/04	B-3	0.186	9/16/2004				
896			30394	Active	6/17/04	B-22	0.246	9/16/2004				
897			30709	Active	6/21/04	B-13	0.03	9/16/2004				
898			10227	Active	7/8/04	B-163	1.61	9/17/2004				
899			10346	Active	7/8/04	B-183	1.84	9/17/2004				
900			10224	Active	7/19/04	B-22	0.123	9/17/2004				
901			10768	Active	6/29/04	B-40	0.367	9/15/2004				
902			4586	Active	6/22/04	B-22	0.172	9/16/2004				
903			30361	Active	6/30/04	B-6	0.249	9/17/2004				
904			4047	Active	7/16/04	B-22	0.27	9/17/2004				
905			4573	Active	6/25/04	B-3	0.238	9/17/2004				
906			30179	Active	6/18/04	B-13	0.152	9/16/2004				
907			30804	Active	6/18/04	B-162	1.14	9/16/2004				
908			30840	Active	6/29/04	B-18	0.268	9/17/2004				
909			10571	Active	7/15/04	B-15	0.189	9/17/2004				
910			4921	Active	6/17/04	B-250	0.5465	9/16/2004				
911			7189	Active	7/9/04	B-6	0.148	9/17/2004				
912			4896	Active	6/18/04	B-163	0.876	9/16/2004				
913			10347	Active	6/28/04	B-301	1.73	9/16/2004				
914			10106	Active	7/16/04	B-3	0.09	9/17/2004				
915			10587	Active	6/30/04	B-250	0.376	9/17/2004				

(Professional Health Services)

11/9/2004

Redacted - Privacy

000642

2004 HEALTH SURVEY

#	Last Name	First Name, M.I.	PR#	Status	Date Sampled	Plant Location	C-B Blood Result (ppm)	Date Result Communicated to Patient	Results Entered in Flair	Work Hx Comp & Entered in Flair	Results Documented on Lab Card	Other Address
916	10162			Active	7/16/04	B-509	0.184	9/17/2004				
917	4413			Active	7/16/04	B-164	1.82	9/17/2004				
918	10203			Active	6/23/04	B-301	1.89	9/17/2004				
919	4821			Active	7/14/04	B-152F	0.202	9/15/2004				
920	10337			Active	7/12/04	B-22	0.1156	9/15/2004				
921	10372			Active	7/9/04	B-163	5.09	9/17/2004				
922	10813			Active	6/25/04	B-152F	0.169	9/15/2004				
923	10222			Active	6/21/04	B-225	0.06745	9/15/2004				
924	4893			Active	7/19/04	B-152	0.102	9/17/2004				
925	30493			Active	7/9/04	B-168	0.204	9/17/2004				
926	10765			Active	6/22/04	B-152	0.184	9/17/2004				
927	10627			Active	7/12/04	B-184	0.484	9/15/2004				
928	30674			Active	6/26/04	B-21	0.0803	9/17/2004				
929	10774			Active	6/25/04	B-27	0.0633	9/15/2004				
930	4898			Active	6/29/04	B-163	2.48	9/15/2004				
931	7897			Active	7/1/04	B-6	0.148	9/15/2004				
932	7701			Active	7/19/04	B-24	0.106	9/17/2004				
933	30889			Active	7/15/04	B-150	0.0118	9/17/2004				
934	10730			Active	6/29/04	B-152F	0.182	9/15/2004				
935	10250			Active	7/6/04	B-207	0.233	9/15/2004				
936	4795			Active	6/26/04	B-250	0.0516	9/17/2004				
937	10738			Active	7/14/04	B-18	0.882	9/17/2004				
938	10653			Active	7/1/04	B-22	0.134	9/15/2004				
939	10399			Active	7/15/04	B-163	0.186	9/17/2004				
940	10269			Active	7/1/04	B-225	0.0421	9/15/2004				
941	10448			Active	6/26/04	B-18	0.316	9/18/2004				
942	4202			Active	6/29/04	B-170	1.44	9/17/2004				
943	9285			Active	6/18/04	B-6	0.412	9/16/2004				
944	4543			Active	6/23/04	B-163	4.12	9/16/2004				
945	4613			Active	6/26/04	B-15	0.225	9/16/2004				
946	10095			Active	7/12/04	B-18	0.286	9/15/2004				
947	3927			Active	6/18/04	B-22	0.788	9/16/2004				
948	30603			Active	6/18/04	B-168	0.134	9/16/2004				
949	4651			Active	7/16/04	B-152	0.0783	9/17/2004				
950	10678			Active	7/1/04	B-162	0.218	9/15/2004				
951	30621			Active	6/16/04	B-22	0.137	9/16/2004				
952	10051			Active	7/12/04	B-162	3.11	9/15/2004				
	4564			Active	7/19/04	B-152	0.253	9/17/2004				

(Professional Health Services)

Redacted - Privacy

9/5 11/9/2004

000643

2004 HEALTH SURVEY

#	Last Name	First Name, M. I.	PR#	Status	Date Sampled	Plant Location	C-8 Blood Result (ppm)	Date Result Communicated to Patient	Results Entered in Flair	Work Hx Comp & Entered in Flair	Results Documented on Lab Card	Other Address
953			9463	Active	6/24/04	B-168	0.248	9/17/2004				
954			10169	Active	7/8/04	B-180T	0.524	9/16/2004				
955			10536	Active	6/25/04	B-162	0.7	9/16/2004				
956			4737	Active	7/1/04	B-293	0.0848	9/17/2004				
957			30584	Active	6/25/04	B-226	0.264	9/15/2004				
958			10791	Active	7/19/04	B-22	0.0726	9/17/2004				
959			30702	Active	6/21/04	B-301	0.239	9/16/2004				
960			10550	Active	6/15/04	B-162	3.66	9/16/2004				
961			7902/92245	Pensioner	6/15/04		0.378	9/17/2004				
962			30539	Active	6/22/04	B-5	0.0448	9/16/2004				
963			30526	Active	6/23/04	B-163	0.26	9/15/2004				
964			10048	Active	6/15/04	B-3	0.215	9/16/2004				
965			3708	Active	6/22/04	B-207	0.467	9/16/2004				
966			10581	Active	7/14/04	B-15	0.0953	9/17/2004				
967			10861	Active	7/12/04	B-163	0.11	9/15/2004				
968			3987	Active	6/26/04	B-162	3.085	9/17/2004				
969			30451	Active	6/16/04	B-22	0.1325	9/16/2004				
970			4093	Active	7/8/04	B-185	0.591	9/17/2004				
971			30145	Active	6/17/04	B-152	0.454	9/16/2004				
972			4852	Active	6/18/04	B-293	0.136	9/16/2004				
973			10041	Active	7/14/04	B-36T	1.3	9/16/2004				
974			4288	Active	7/1/04	B-22	0.165	9/15/2004				
975			30148	Active	6/25/04	B-5	0.0789	9/17/2004				
976			10214	Active	6/23/04	B-163	4.46	9/16/2004				
977			10177	Active	7/2/04	B-170	1.52	9/15/2004				
978			10895	Active	7/1/04	B-301	0.191	9/17/2004				
979			10727	Active	7/8/04	B-142	0.0884	9/16/2004				
980			9823	Active	6/30/04	B-158	0.152	9/17/2004				
981			10761	Active	7/1/04	B-144	0.06	9/15/2004				
982			10803	Active	6/15/04	B-250	0.0545	9/16/2004				
983			10369	Active	6/17/04	B-152F	0.1426	9/16/2004				
984			10569	Active	7/13/04	B-309	0.411	9/15/2004				
985			30362	Active	6/17/04	B-168	0.151	9/16/2004				
986			3725	Active	6/22/04	B-144	0.8895	9/16/2004				
987			30069	Active	7/6/04	B-1	0.188	9/15/2004				
988			4846	Active	6/21/04	B-280	0.162	9/15/2004				
989			30731	Active	7/1/04	B-162	0.131	9/15/2004				
990			10206	Active	7/12/04	B-18	0.483	9/15/2004				

(Professional Health Services)

Redacted - Privacy

11/9/2004

000644

2004 HEALTH SURVEY

#	Last Name	First Name, M.I.	PR#	Status	Date Sampled	Plant Location	C-8 Blood Result (ppm)	Date Result Communicated to Patient	Results Entered in Flair	Work Hx Comp & Entered in Flair	Results Documented on Lab Card	Other Address
991			10114	Active	6/29/04	B-162F	0.215	9/15/2004				
992			10796	Active	6/21/04	B-22	0.805	9/15/2004				
993			10464	Active	6/24/04	B-22	0.774	9/17/2004				
994			10104	Active	6/17/04	B-22	0.0817	9/16/2004				
995			9301	Active	6/29/04	B-21T	0.184	9/17/2004				
996			30884	Active	6/16/04	B-15	0.455	9/16/2004				
997			4002	Active	7/16/04	B-207	0.205	9/17/2004				
998			4485	Active	6/21/04	B-163	0.408	9/15/2004				
999			4510	Active	7/13/04	B-22	0.192	9/17/2004				
1000			10124	Active	7/15/04	B-22	0.168	9/15/2004				
1001			10719	Active	6/29/04	B-22	0.216	9/15/2004				
1002			6513	Active	6/29/04	B-1	0.172	9/15/2004				
1003			10515	Active	6/24/04	B-215	0.1245	9/15/2004				
1004			30497	Active	6/24/04	B-163	1.28	9/18/2004				
1005			10831	Active	7/6/04	B-225	0.0343	9/18/2004				
1006			2432/92274	Pensioner	6/17/04		0.0689	9/17/2004				
1007			4318	Active	6/26/04	B-266	0.089	9/15/2004				
1008			7865	Active	7/14/04	B-6	0.08725	9/15/2004				
1009			10068	Active	6/21/04	B-163	1.66	9/15/2004				
1010			30880	Active	6/30/04	B-250	0.0487	9/17/2004				
1011			9409	Active	6/23/04	B-200	0.287	9/17/2004				
1012			10574	Active	7/16/04	B-15	0.667	9/17/2004				
1013			4372	Active	7/15/04	B-22	0.244	9/17/2004				
1014			9364	Active	6/24/04	B-1	0.166	9/16/2004				
1015			4901	Active	7/15/04	B-142	0.0683	9/17/2004				
1016			10662	Active	6/23/04	B-163	1.41	9/15/2004				
1017			30794	Active	6/24/04	B-168	1.63	9/16/2004				
1018			10005	Active	6/17/04	B-164	0.445	9/16/2004				
1019			10505	Active	7/11/04	B-162	0.527	9/17/2004				
1020			30088	Active	6/25/04	B-145	0.047	9/17/2004				
1021			10763	Active	7/9/04	B-22	0.0595	9/17/2004				
1022			30130	Active	6/4/04	B-102	0.105	10/8/2004				
1023			9809	Active	6/3/04	B-283	0.0814	10/8/2004				
1024			30061	Active	6/5/04	B-21	0.136	10/8/2004				
1025			3952	Active	6/4/04	B-3	0.232	10/8/2004				
1026			7289	Pensioner	6/3/04		0.506	10/8/2004				
1027			30263	Active	6/3/04	B-35T	0.12	10/8/2004				

(Professional Health Services)

Redacted - Privacy

/gjs 11/9/2004

000645