

Attachment 1**First Chemical Corporation - Pascagoula, Mississippi**
2006 Update - Employee Blood Serum Results**Summary**

Job Name	Original Baseline Result from December 2003 Sampling (ppb)	Result From August 2006 Sampling (ppb)
<u>Operators</u>		
Number of Samples	15	24
Average	6	8
Median	5	7
Minimum	2	4
Maximum	10	17
Standard Deviation	2	3
<u>Maintenance</u>		
Number of Samples	25	27
Average	6	8
Median	6	7
Minimum	1	1
Maximum	11	20
Standard Deviation	2	4
<u>Lab</u>		
Number of Samples	5	14
Average	8	9
Median	8	8
Minimum	5	2
Maximum	11	18
Standard Deviation	2	5
<u>No Exposure (Control)</u>		
Number of Samples	18	28
Average	5	7
Median	4	7
Minimum	2	3
Maximum	9	16
Standard Deviation	2	3

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- For both 2003 and 2006, reported results are rounded to the nearest whole number
- The 2003 data shown only includes results for employees tested in both 2003 and 2006 (i.e. results for 10 people who provided samples in 2003 but who are no longer at the site (and as such, were not sampled in 2006) are not included in the Summary above); see Table in Attachment 2 for summary results for employees tested only in 2006.
- For both 2003 and 2006, where duplicate samples were taken, the average value of the two results is used.

Operators

Operator Sample Number	Original Baseline 2003 (ppb)	2006 Result (ppb)
FCC0602	6	12
FCC0635	no sample	8
FCC0682	5	7
FCC0697	5	8
FCC0621	no sample	17
FCC0630	no sample	7
FCC0688	5	7
FCC0690	4	7
FCC0606	9	10
FCC0645	4	no sample
FCC0662	no sample	6
FCC0670	3	4
FCC0609	no sample	7
FCC0618	10	no sample
FCC0624	6	6
FCC0614	no sample	no sample
FCC0628	no sample	12
FCC0637	no sample	13
FCC0640	no sample	7
FCC0649	2	4
FCC0654	no sample	9
FCC0683	6	10
FCC0691	4	5
FCC0698	no sample	12
FCC0642	10	no sample
FCC0644	6	11
FCC0674	no sample	11
FCC0623	no sample	5
Number of Samples	15	24
Average	6	8
Median	5	7
Minimum	2	4
Maximum	10	17
Standard Deviation	2	3

Maintenance Workers

Maintenance Sample Number	Original Baseline 2003 (ppb)	2006 Result (ppb)
FCC0601	6	7
FCC0603	9	20
FCC0605	11	14
FCC0608	5	5
FCC0611	6	7
FCC0612	4	5
FCC0613	no sample	3
FCC0616	7	8
FCC0617	10	11
FCC06102	1	1
FCC0625	6	5
FCC0629	6	7
FCC0633	5	7
FCC0638	4	6
FCC0641	9	12
FCC0647	5	6
FCC0651	8	9
FCC06101	no sample	8
FCC0655	9	8
FCC0656	3	4
FCC0657	7	no sample
FCC0658	6	10
FCC0659	4	7
FCC0661	8	9
FCC0664	7	5
FCC0676	10	12
FCC0685	5	7
FCC06100	no sample	7
Number of Samples	25	27
Average	6	8
Median	6	7
Minimum	1	1
Maximum	11	20
Standard Deviation	2	4

Note:

- For both 2003 and 2006, reported results are rounded to the nearest whole number
- For both 2003 and 2006, where duplicate samples were taken, the average value of the two results is used.

Lab Workers

Lab Sample Number	Original Baseline 2003 (ppb)	2006 Result (ppb)
FCC0610	no sample	4
FCC0615	no sample	9
FCC0620	no sample	2
FCC0626	8	11
FCC0632	6	5
FCC0648	no sample	9
FCC0636	11	17
FCC0643	8	13
FCC0646	no sample	6
FCC0675	no sample	4
FCC0677	no sample	7
FCC0680	no sample	18
FCC0692	5	6
FCC0699	no sample	9
Number of Samples	5	14
Average	8	9
Median	8	8
Minimum	5	2
Maximum	11	18
Standard Deviation	2	5

Control Group

No Occupational Exposure (Control) Sample Number	Original Baseline 2003 (ppb)	2006 Result (ppb)
FCC0619	4	5
FCC0622	3	no sample
FCC0652	4	no sample
FCC0653	no sample	5
FCC0669	9	10
FCC0678	no sample	7
FCC0693	5	4
FCC0634	7	7
FCC0671	no sample	7
FCC0687	no sample	6
FCC0689	6	8
FCC0694	no sample	5
FCC0695	no sample	9
FCC0696	2	3
FCC0684	no sample	8
FCC0686	no sample	7
FCC0631	no sample	13
FCC0650	2	4
FCC0666	4	5
FCC0667	no sample	6
FCC0672	no sample	7
FCC0681	no sample	16
FCC0604	7	10
FCC0607	7	10
FCC0627	4	3
FCC0639	no sample	12
FCC0660	5	6
FCC0663	5	no sample
FCC0665	no sample	8
FCC0668	7	no sample
FCC0673	4	5
FCC0679	4	6
Number of Samples	18	28
Average	5	7
Median	4	7
Minimum	2	3
Maximum	9	16
Standard Deviation	2	3

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- For both 2003 and 2006, where duplicate samples were taken, the average value of the two results is used.