



LITTLE HOCKING WATER ASSOCIATION, INC.

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July 13, 2005

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**Re: Perfluorinated Compound Exposure Data For Little Hocking Water
Association, Inc. Members**

Ladies and Gentlemen:

I am the General Manager for the Little Hocking Water Association, Inc. ("Little Hocking"). Because of the threats to human health and the environment from PFOA ("C8") and related compounds – and in light of the Science Advisory Board's recent draft report describing C8 as a "likely" human carcinogen – Little Hocking is providing a summary of blood sampling data from 25 individuals whose residential water is supplied by Little Hocking.

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As you know, E. I. du Pont de Nemours and Company ("DuPont") owns and operates the DuPont Washington Works Plant in Parkersburg, West Virginia, across the Ohio River from the Little Hocking well field. DuPont uses, releases and/or disposes of perfluorinated compounds – including C8 – at its Washington Works Plant. Little Hocking's wells contain the highest levels of C8 found in any public water supply in the country to date. The level of C8 in water entering the distribution system to our members has been measured as high as 7.2 parts per billion (ppb). Sampling results for Little Hocking's individual wells have shown levels of C8 as high as 18.6 ppb (production well no. 5); 3.90 ppb (production well no. 3); 9.89 ppb (production well no. 2); and, 9.03 ppb (production well no. 1).

Recognizing the threats to human health (including that of Little Hocking members) from C8 and related compounds, Little Hocking paid for blood sampling of the 25 individuals referred to above (the blood samples were arranged for, obtained, analyzed, and paid for with no assistance from or involvement by DuPont). We are providing a summary of the Little Hocking blood data to you (see Attachment A) for inclusion in the U.S. EPA's Administrative Record 226 and OPPT-2003-0012. Additionally, we are providing the blood data summary to you to ensure compliance with any legal obligations Little Hocking may have under the reporting requirements of Section 8 of the Toxic Substances Control Act.

The participants' blood serum was tested for PFOA and PFOS, as well as for a suite of other perfluorinated compounds (a table identifying the names and molecular formulas for each compound in the suite is attached as Attachment B). The blood analyses were performed and the results were provided by Axys Analytical Services, LTD, located in Canada. For privacy considerations, the results summary does not include the names, addresses, or specific ages of the participants.

Sincerely yours,
LITTLE HOCKING WATER ASSOCIATION, INC.



Robert L. Griffin, P.E.
General Manager

Enclosures

Cc: Sarah Wallace, OEPA

ATTACHMENT A

Summary of Little Hocking Water Association, Inc. Member Blood Testing Results May, 2005 (results in ppb)

SEX	AGE	PFOA	PFOS	PFPeA	PFHxA	PFHpA	PFNA	PFDA	PFUnA	PFDoA	PFTA	PFBS	PFHxS	Years on Water
F	46-55	281	121	<2.06	<0.206	1.26	1.66	0.306	<0.210	<0.200	<0.210	<0.117	8.89	28
M	46-55	395	83.9	<2.06	<0.206	1.16	3.16	2.63	1.68	<0.200	<0.210	<0.117	4.29	51
F	46-55	248	23.2	<2.06	<0.206	0.701	2.16	0.23	<0.210	<0.200	<0.210	<0.117	2.09	55
F	26-35	228	34.5	<2.06	<0.206	0.534	1.25	0.964	0.536	<0.200	<0.210	<0.117	10.9	27
M	<15	629	73.3	<2.06	<0.206	15.3	3.29	0.397	<0.210	<0.200	<0.210	<0.117	74.2	3
F	>65	442	42	<2.06	<0.206	2.88	2.37	0.207	<0.210	<0.200	<0.210	<0.117	3.64	35
M	36-45	220	30.7	<2.06	<0.206	0.36	1.89	0.471	<0.210	<0.200	<0.210	<0.117	3.81	35
F	36-45	112	10	<2.06	<0.206	1.43	0.899	0.234	<0.210	<0.200	<0.210	<0.117	1.01	9
M	56-65	532	49.3	<2.06	<0.206	2.39	2.29	0.377	<0.210	<0.200	<0.210	<0.117	4.46	34
F	26-35	116	9.46	<2.06	<0.206	0.296	0.688	<0.204	<0.210	<0.200	<0.210	<0.117	0.5	4
F	26-35	211	5.15	<2.06	<0.206	1.08	0.438	<0.204	<0.210	<0.200	<0.210	<0.117	0.445	6
M	<15	268	35.7	<2.06	<0.206	1.3	1.56	0.27	<0.210	<0.200	<0.210	<0.117	4.55	4
F	<15	436	39.7	<2.06	<0.206	4.19	2.51	0.35	<0.210	<0.200	<0.210	<0.117	4.63	3
M	26-35	216	35.1	<2.06	<0.206	0.428	1.54	0.23	<0.210	<0.200	<0.210	<0.117	2.82	4
M	36-45	325	37.2	<2.06	<0.206	1.13	1.76	0.274	<0.210	<0.200	<0.210	<0.117	5.65	25
F	46-55	475	11.1	<2.06	<0.206	1.57	1.29	<0.204	<0.210	<0.200	<0.210	<0.117	2.66	33
M	46-55	432	14	<2.06	<0.206	4.62	0.91	<0.204	<0.210	<0.200	<0.210	<0.117	3.01	33
F	>65	358	91.1	<2.06	<0.206	1.65	2.64	0.476	<0.210	<0.200	<0.210	<0.117	4.59	25
M	>65	346	52.2	<2.06	<0.206	0.692	1.8	<0.204	<0.210	<0.200	<0.210	<0.117	5.19	20
M	36-45	1040	33.3	<2.06	<0.206	2.99	4.19	0.562	<0.210	<0.200	<0.210	<0.117	8.68	37
F	36-45	240	25.9	<2.06	<0.206	1.78	1.66	0.316	<0.210	<0.200	<0.210	<0.117	1.87	35
M	56-65	204	35.1	<2.06	<0.206	0.477	2.36	0.627	<0.210	<0.200	<0.210	<0.117	2.65	16
M	26-35	176	86.2	<2.06	<0.206	0.919	1.76	1.74	1.04	<0.200	<0.210	<0.117	19.2	24
F	16-25	488	45.1	<2.06	<0.206	2.11	1.61	<0.204	<0.210	<0.200	<0.210	<0.117	21.3	16
M	> 65	238	30.5	<2.06	<0.206	1.05	1.54	<0.204	<0.210	<0.200	<0.210	<0.117	5.29	34

ATTACHMENT B

Compound	Acronym	Molecular Formula
Perfluorobutylsulfonate anion	PFBS	$C_4F_9SO_3^-$
Perfluorohexanesulfonate anion	PFHxS	$C_6F_{13}SO_3^-$
Perfluorooctanesulfonate anion	PFOS	$C_8F_{17}SO_3^-$
Perfluoropentanoic acid anion	PFPeA	$C_4F_9COO^-$
Perfluorohexanoic acid anion	PFHxA	$C_5F_{11}COO^-$
Perfluoroheptanoic acid anion	PFHpA	$C_6F_{13}COO^-$
Perfluorooctanoic acid anion	PFOA	$C_7F_{15}COO^-$
Perfluorononanoic acid anion	PFNA	$C_8F_{17}COO^-$
Perfluorodecanoic acid anion	PFDA	$C_9F_{19}COO^-$
Perfluoroundecanoic acid anion	PFUnA	$C_{10}F_{21}COO^-$
Perfluorododecanoic acid anion	PFDoA	$C_{11}F_{23}COO^-$
Perfluorotetradecanoic acid anion	PFTA	$C_{13}F_{27}COO^-$