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DuPont Engineering

July 31, 2002

David P. Watkins
West Virginia Department of Environmental Protection
Division of Water Resources
1201 Greenbrier Street
Charleston, West Virginia 25311-1088

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**Public Water Supply Results, West Virginia and Ohio
DuPont Washington Works, Washington, WV**

Dear Mr. Watkins:

Attached are the finalized C-8 results for public water supplies sampled along the Ohio River in West Virginia and Ohio. Public water supplies located as far as three and a half miles upstream of the DuPont Washington Works facility and 53 miles downstream were included in the sampling events. Results finalized through February 28, 2002 were provided in the One-Mile Radius Survey and C-8 Sampling Report and Ohio River Public Water Supply Sampling document issued by DuPont in April 2002. Results finalized through May 17, 2002 are presented in Table 1 and Figure 1. Figure 1 shows the locations of the public water supplies sampled along the Ohio River. Table 1 presents the updated C-8 results for each groundwater source at the public water supply sampled. For locations sampled more than once, results are presented with the most recent sampling event listed last.

Please contact me at (302) 992-6820 if you have any questions.

Sincerely,

Andrew S. Hartten
Project Director

cc: GIST Members

Attachments

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Table 1.
 Summary of C-8 in Groundwater
 Public Water Supplies, West Virginia and Ohio
 Dupont Washington Works, Washington WV

Location	Sample ID	Sample Date	C-8 ug/l	Comments
Parkersburg, WV	PPSDPT	3/6/2002	NQ (<0.050)	Before Treatment Sample
	PPSDAT	3/6/2002	NQ (<0.050)	After Treatment Sample
	PPSDAT	4/25/2002	NQ (<0.050)	After Treatment Sample
	PPSDRANY1	3/6/2002	0.0693	Production Well
	PPSDRANY1	3/6/2002	0.0686	duplicate
	PPSDRANY1	4/25/2002	0.0746	Production Well
	PPSDRANY2	3/6/2002	ND (<0.010)	Production Well
	PPSDRANY3	3/6/2002	ND (<0.010)	Production Well
	PPSDRANY4	3/6/2002	ND (<0.010)	Production Well
PPSDRANY5	3/6/2002	ND (<0.010)	Production Well	
Belpre, OH	BELPSDAT	2/7/2002	0.0816	After Treatment Sample
	BELPSDAT	3/25/2002	0.113	After Treatment Sample
	BELPSDAT	4/23/2002	0.12	After Treatment Sample
	BELPSDPW1	2/7/2002	0.0995	Production Well
	BELPSDPW1	3/25/2002	0.13	Production Well
	BELPSDPW2	2/7/2002	NQ (<0.050)	Production Well
	BELPSDPW2	2/7/2002	NQ (<0.050)	duplicate
	BELPSDPW2	3/25/2002	NQ (<0.050)	Production Well
	BELPSDPW3	3/25/2002	0.141	Production Well
	BELPSDPW3	4/23/2002	0.12	Production Well
	BELPSDPW4	2/7/2002	0.101	Production Well
	BELPSDPW4	3/25/2002	0.133	Production Well
	BELPSDPW4	4/23/2002	0.114	Production Well
	BELPSDPW5	2/7/2002	0.107	Production Well
	BELPSDPW5	3/25/2002	0.1031	Production Well
	BELPSDPW5	4/23/2002	0.107	Production Well
BELPSDPW5	4/23/2002	0.111	duplicate	
Blennerhassett Island, WV	BLENI W0	2/21/2002	ND (<0.010)	Test well
	BLENI TW7	2/21/2002	NQ (<0.050)	Test well
	BLENI W19A	2/21/2002	0.316	Test well
	BLENISLEPS1	1/30/2002	0.165	Drinking Supply Well
Little Hocking, OH	LHPSDI	12/20/2001	1.82	Production Well
	LHPSD1	1/21/2002	1.721	Production Well
	LHPSDI	2/22/2002	2.37	Production Well
	LHPSDI	3/26/2002	2.99	Production Well
	LHPSDI	4/23/2002	2.02	Production Well
	LHPSD2	12/20/2001	3.72	Production Well
	LHPSD2	12/20/2001	3.521	duplicate
	LHPSD2	1/21/2002	2.97	Production Well
	LHPSD2	2/22/2002	2.031	Production Well
	LHPSD2	2/22/2002	2.07	Production Well
	LHPSD2	3/26/2002	3.31	Production Well
	LHPSD2	4/23/2002	3.4	Production Well
	LHPSD3	12/20/2001	0.844	Production Well
	LHPSD3	1/21/2002	0.744	Production Well
	LHPSD3	2/22/2002	0.42	Production Well
	LHPSD3	3/26/2002	0.827	Production Well
LHPSD3	4/23/2002	0.783	Production Well	

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 Public Water Supplies, West Virginia and Ohio
 Dupont Washington Works, Washington WV

Location	Sample ID	Sample Date	C-8 ug/l	Comments
Little Hocking, OH (cont.)	LHPSD5	12/20/2001	7.66	Production Well
	LHPSD5	1/21/2002	6.22	Production Well
General Electric, WV	LHPSD5	1/21/2002	6.14	duplicate
	LHPSD5	2/22/2002	5.69	Production Well
	LHPSD5	3/26/2002	6.57	Production Well
	LHPSD5	4/23/2002	6.11	Production Well
	LHPSDEP001	1/22/2002	1.69	Water System Point
	LHPSDEP001	3/26/2002	2.62	Water System Point
	LHPSDEP001	4/23/2002	1.93	Water System Point
	LHPSDTW1	1/22/2002	2.16	Test well
	LHPSDTW10	1/21/2002	1.9	Test well
	LHPSDTW11	1/21/2002	1.41	Test well
	LHPSDTW12	1/21/2002	0.758	Test well
	LHPSDTW2	1/22/2002	0.103	Test well
	LHPSDTW3	1/22/2002	4.48	Test well
	LHPSDTW4	1/22/2002	37.1	Test well
LHPSDTW4	3/26/2002	33.3	Test well	
LHPSDTW4	4/23/2002	28.7	Test well	
LHPSDTW6	1/22/2002	1.79	Test well	
LHPSDTW9	1/22/2002	0.364	Test well	
LHTORCHBS	1/22/2002	1.85	Water System Point	
BARTLETTCC	1/22/2002	1.94	Water System Point	
339B STA	1/22/2002	1.81	Water System Point	
GE WELL 3	1/3/2002	1.78	Production Well	
GE WELL 3	1/3/2002	1.87	duplicate	
GE WELL 3	2/21/2002	1.75	Production Well	
GE WELL 3	4/26/2002	1.84	Production Well	
Lubeck, WV	LPSDAT	3/28/2002	0.69	After Treatment Sample
	LPSDAT	4/26/2002	0.652	After Treatment Sample
Lubec, WV	LPSD A	1/3/2002	0.764	Production Well
	LPSD A	2/21/2002	0.683	Production Well
	LPSD A	3/28/2002	0.796	Production Well
	LPSD A	4/26/2002	0.938	Production Well
	LPSD B	2/21/2002	0.61	Production Well
	LPSD B	3/28/2002	0.551	Production Well
	LPSD B	4/26/2002	0.532	Production Well
	LPSD C	1/3/2002	0.592	Production Well
	LPSD C	2/21/2002	0.479	Production Well
	LPSD C	3/28/2002	0.491	Production Well
	LPSD C	4/26/2002	0.471	Production Well
	LPSD D	1/3/2002	0.758	Production Well
	LPSD D	2/21/2002	0.725	Production Well
	LPSD D	3/28/2002	0.692	Production Well
	LPSD D	4/26/2002	0.506	Production Well
	LPSD E	1/3/2002	0.332	Production Well
	LPSD E	2/21/2002	1	Production Well
	LPSD E	3/28/2002	1.09	Production Well
	LPSD E	4/26/2002	1.11	Production Well

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Location	Sample ID	Sample Date	C-8 ug/l	Comments
Lubeck, WV (cont.)	LPSD WELL F	1/3/2002	1.04	Production Well
	LPSD WELL F	2/21/2002	0.313	Production Well
	LPSD WELL F	3/28/2002	0.358	Production Well
	LPSD WELL F	3/28/2002	0.352	duplicate
	LPSD WELL F	4/26/2002	0.332	Production Well
Belleville Hydra Plant, WV	BELLEVILLELD	1/29/2002	NQ (<0.050)	Miscellaneous Use
Tuppers Plains PSD, OH	TPPSDPT	2/6/2002	0.372	Before Treatment Sample
	TPPSDPT	3/25/2002	0.347	Before Treatment Sample
	TPPSDAT	2/6/2002	0.361	After Treatment Sample
	TPPSDAT	3/25/2002	0.358	After Treatment Sample
	TPPSDAT	4/24/2002	0.363	After Treatment Sample
	TPPSDPW1	2/6/2002	0.726	Production Well
	TPPSDPW1	3/25/2002	0.705	Production Well
	TPPSDPW1	4/24/2002	0.702	Production Well
	TPPSDPW2	2/6/2002	0.417	Production Well
	TPPSDPW2	3/25/2002	0.3271	Production Well
	TPPSDPWZ	4/24/2002	0.371	Production Well
	TPPSDPW3	2/6/2002	NQ (<0.050)	Production Well
	TPPSDPW3	3/25/2002	NQ (<0.050)	Production Well
	TPPSDPW4	2/6/2002	0.0734	Production Well
	TPPSDPW4	3/25/2002	0.07	Production Well
	TPPSDPWS	2/6/2002	0.201	Production Well
	TPPSDPWS	3/25/2002	0.201	Production Well
	TPPSDPWG	2/6/2002	0.649	Production Well
	TPPSDPW6	3/25/2002	0.634	Production Well
	TPPSDPWG	4/24/2002	0.62	Production Well
Ravenswood Municipal, WV	COR ASIN	3/27/2002	ND (<0.010)	Air Stripper In
	COR ASOUT	3/27/2002	NQ (<0.050)	Air Stripper Out
	COR BLENDAT	3/27/2002	ND (<0.010)	Blend After Treatment
	COR WELL 1	3/27/2002	ND (<0.010)	Production Well
	COR WELL 2	3/27/2002	ND (<0.010)	Production Well
	COR WELL 3	3/27/2002	ND (<0.010)	Production Well
	COR WELL 4	3/27/2002	ND (<0.010)	Production Well
	COR WELL 5	3/27/2002	ND (<0.010)	Production Well
Mason County PSD, WV	MASONCPSDI	1/29/2002	NQ (<0.050)	Production Well
	MASONCPSDI	3/27/2002	NQ (<0.050)	Production Well
	MASONCPSDI	4/25/2002	NQ (<0.050)	Production Well
	MASONCPSD2	1/29/2002	0.0618	Production Well
	MASONCPSD2	3/27/2002	0.0838	Production Well
	MASONCPSD2	4/25/2002	0.07141	Production Well
	MASONCPSD3	1/29/2002	0.07071	Production Well
	MASONCPSD3	3/27/2002	0.1021	Production Well
MASONCPSD3	4/25/2002	0.063	Production Well	
Racine Locks and Dam, WV	RACINELD	1/4/2002	0.518	Miscellaneous Use

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Location	Sample ID	Sample Date	C-8 ug/l	Comments
Village of Racine, OH	VORAT	3/26/2002	ND (<0.010)	After Treatment Sample
	VORRV3	3/26/2002	ND (<0.010)	Production Well
	VORWELL1	3/26/2002	ND (<0.010)	Production Well
	VORWELL2	3/26/2002	ND (<0.010)	Production Well
New Haven Water Dept., WV	NHPSDAT	4/10/2002	ND (<0.010)	After Treatment Sample
	NHPSPWI	4/10/2002	NQ (<0.050)	Production Well
	NHPSPWI	4/10/2002	NQ (<0.050)	duplicate
Village of Syracuse, OH	VOSAT	3/29/2002	NQ (<0.050)	After Treatment Sample
	VOSAT	4/24/2002	ND (<0.010)	After Treatment Sample
	VOS NORTH2	3/29/2002	NQ (<0.050)	Production Well
	VOS NORTH2	4/24/2002	0.491	Production Well
	VOS SOUTH R3	3/26/2002	0.208	Production Well
	VOS SOUTH R3	4/24/2002	ND (<0.010)	Production Well
Village of Pomeroy, OH	VOPAT	3/26/2002	0.0659	After Treatment Sample
	VOPAT	4/24/2002	0.0628	After Treatment Sample
	VOPWELL1	4/24/2002	ND (<0.010)	Production Well
	VOPWELU	3/26/2002	0.0689	Production Well
	VOPWELU	4/24/2002	ND (<0.010)	Production Well
	VOPWELL4	3/26/2002	0.0851	Production Well
	VOPWELL4	4/24/2002	0.0712	Production Well

ND = Not Detected at or above the limit of detection (LOD).

The listed LOD is approximate and varies by instrument and over time.

NQ = Not Quantifiable. Detected at a level above the LOD and below the limit of quantification (LOQ).

All C-8 results are reported in ug/l.

Misc. = Miscellaneous water use is not used for drinking.



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