



DuPont
Washington Works
P O Box 1217
Parkersburg, WV 26107-1217

October 12, 2001

Mr. James C. Cox
Lubeck Public Service District
P.O. Box 700
Washington, WV 26181

RE: LPSD Water Sample Analytical Results

Dear Mr. Cox:

Attached are copies of the analytical results for water samples taken on August 14, 2001 from three LPSD wells and the LPSD Building 1 main water line. As reported in the quality control portion of the analytical reports, the 11H-PFUA and PFDDA surrogate recoveries and the method spike and method spike duplicate (MS/MSD) recovery are outside the quality control limits. To improve the accuracy of the analysis for the presence of ammonium perfluorooctanoate (C-8) in water, DuPont has been assessing alternative analytical procedures. DuPont has also been investigating new sampling procedures to assure more accurate results. Through this assessment and investigation, DuPont has identified a new analytical method that should provide greater precision and accuracy for data that is generated. We have also revised the sampling protocol to improve the quality of data. DuPont intends to implement the revised sampling protocol and new analytical procedure for our collection and analysis of future samples from LPSD.

Based on the improved accuracy of the new analytical procedure, our work to date suggests that the new method may yield results that show concentrations of C-8 significantly above levels that have been most recently reported and above DuPont's community exposure guidelines ("CEG"). Actual concentrations of samples utilizing the new protocol and procedure cannot be estimated at this time. Exposures above the CEG, however, would be likely to result in considerably less exposure than occurs with employees who make or use C-8. Epidemiological studies on those worker populations have not demonstrated any adverse health effects attributable to C-8. The CEG incorporates multiple conservative assumptions and therefore, it should not be assumed that an exposure to C-8 at levels above the CEG is necessarily unsafe.

If you have any questions or need additional information, please contact me at 304-863-4271.

Sincerely,

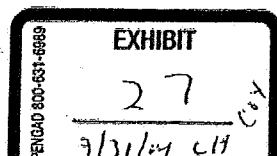
R. L. Ritchey
Sr. Environmental Control Consultant
Washington Works

RLR/gw:dsw
Attachments
cc: William J. Gibbs
Lubeck Public Service District
P.O. Box 700
Washington, WV 26181

OCT 2001
RECEIVED

600/300/2

10/16/01 11:40 FAX 304 863 4271 LUBECK PSD



LUB001874

LUB001874

Lancaster Laboratories Sample No. WW 3668041

Collected: 08/14/2001 08:40 by BD

Account Number: 07032

Submitted: 08/15/2001 09:25

CRG-E.I. DuPont de Nemours & Co

Reported: 09/19/2001 at 20:31

Barley Mill Plaza, Bldg. 27

Discard: 10/20/2001

Lancaster Pike & Route 141

NWK-G-LPND WELL A Unspiked Water Sample

Wilmington DE 19805

LUBECK WELLS 3Q01

LU-WA SDG#: XXX01-01BKG

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
02324	FC-143 The recovery for the MS and MSD is outside the QC limits. The RPD between the MS/MSD is outside the QC criteria.	3825-26-1	0.270	0.029	ug/l	1
00495	The 11H-PFPA and PFDA surrogate recoveries are outside the QC limits. GC/MS Confirm of FC-143 The recovery of FC-143 was below QC limits in the MS/MSD associated with this sample.	3825-26-1	0.21	0.10	ug/l	1

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
02324	FC-143	FC-143 by GC/MSD 10/91	1	08/27/2001 16:46	Michelle J. Kolodziejcki	1
00495	GC/MS Confirm of FC-143	FC-143 by GC/MS	1	09/18/2001 12:57	Timothy Traca	1
02325	Pesticide Alternate Water Extr	FC-143 10/91	1	08/22/2001 09:00	Deborah M. Zimmerman	1

Lancaster Laboratories Sample No. WW 3668042

Collected: 08/14/2001 08:50 by BD

Account Number: 07032

Submitted: 08/15/2001 09:25

Reported: 09/19/2001 at 20:31

Discard: 10/20/2001

WWK-C-LPND WELL B Water Sample

LUBECK WELLS 3Q01

CRG-E.I. DuPont de Nemours & Co
 Barley Mill Plaza, Bldg. 27
 Lancaster Pike & Route 141
 Wilmington DE 19805

LU-WB

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
02324	PC-143 The recovery for the MS and MSD is outside the QC limits. The RVD between the MS/MSD is outside the QC criteria.	3825-26-1	0.236	0.028	ug/l	1
00495	The 11H-PFUA and PFDDA surrogate recoveries are outside the QC limits. GC/MS Confirm of PC-143 The recovery of PC-143 was below QC limits in the MS/MSD associated with this sample.	3825-26-1	0.171	0.090	ug/l	1

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
02324	PC-143	PC-143 by GC/ECN 10/31	1	08/27/2001 18:22	Michelle J. Kolodziejoki	1
00495	GC/MS Confirm of PC-143	PC-143 by GC/MS	1	09/18/2001 14:49	Timothy Treese	1
02325	Pesticide Alternate Water Extr	PC-143 10/31	1	08/23/2001 08:00	Deborah M. Zimmerman	1

0005/07

10/16/2001 TUE 14:40 FAX 304 863 3791 LUBECK PSD

LUB001876

LUB001876

Lancaster Laboratories Sample No. WW 3668644

Collected: 08/14/2001 08:30 by BD

Account Number: 07032

Submitted: 08/15/2001 09:25

Reported: 09/19/2001 at 20:31

Discard: 10/20/2001

WNK-D-LUBECK OFFICE Water Sample

LUBECK WELLS 3Q01

CRG-B.I. DuPont de Nemours & Co

Barley Mill Plaza, Bldg. 27

Lancaster Pike & Route 141

Wilmington DE 19805

IU-OF

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
02324	PC-143 The recovery for the MS and MSD is outside the QC limits. The RPD between the MS/MSD is outside the criteria.	3825-26-1	0.224	0.028	ug/l	1
00495	The 11R-PFUA and PFDDA surrogate recoveries are outside the QC limits. GC/MS Confirm of PC-143 The recovery of PC-143 was below QC limits in the MS/MSD associated with this sample. The surrogate recovery of perfluorooctanoic acid was outside of QC limits.	3825-26-1	0.206	0.090	ug/l	1

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
02324	PC-143	PC-143 by GC/ECD 10/91	1	08/27/2001 19:26	Michelle J. Kolodziejaki	1
00495	GC/MS Confirm of PC-143	PC-143 by GC/MS	1	09/18/2001 16:04	Timothy Traes	1
02325	Pesticide Alternate Water Extr	PC-143 10/91	1	08/22/2001 08:00	Deborah M. Zimmerman	1