

2/28/01 LPSD WATER SAMPLE ANALYTICAL RESULTS
(Letter, R. L. Ritchey to Mr. James C. Cox, LPSD dated 4/2/01)

BCC: A.V. Malinowski, Legal, D-7078

M. A. Bradley, Spilman, Thomas & Battle

P. J. Bossert/H. D. Ramsey/D. D. Jackson

I. J. Zanikos/A. S. Hartten

R. F. Pinchot *BMP CRP-711/2210-B*

R. Banerjee/R. J. Zipfel

dsw/2:817.2

RP005863

EID173820



DuPont
Washington Works
P. O. Box 1217
Parkersburg, WV 26102-1217

April 2, 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 February 28, 2001 from three LPSD wells and the LPSD Building main water line.

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

Lancaster Laboratories Sample No. WW 3563581

Collected: 02/28/2001 09:50 by BJD

Account Number: 07032

Submitted: 03/05/2001 09:05

Reported: 03/28/01 at 12:53 PM

Discard: 4/28/01

WWK-Lubeck Office Water Sample

LUBECK WELLS 1001

CRG-E.I. DuPont de Nemours & Co

Barley Mill Plaza, Bldg. 27

Lancaster Pike & Route 141

Wilmington DE 19805

LUBOP

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
02324	FC-143	3825-26-1	0.499	0.029	ug/l	1
The 11H-PFUA and PFDDA surrogate recoveries are outside the QC limits. The stated QC limits are advisory only until sufficient data points can be obtained to calculate statistical limits.						
The spike recovery for the MS/MSD is outside the QC limits. The recovery for the associated LCS met QC criteria. The RPD between the MS/MSD is outside the QC criteria.						
00495	GC/MS Confirm of FC-143	n.a.	0.32	0.10	ug/l	1
The recovery of FC-143 in the MS/MSD associated with this sample were outside QC limits.						
The relative percent difference (RPD) for FC-143 between the MS/MSD associated with this sample was outside QC limits.						

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
02324	FC-143	FC-143 by GC/ECD	1	03/12/2001 20:47	Michelle J. Kolodziejcki	1
00495	GC/MS Confirm of FC-143	FC-143 by GC/MS	1	03/24/2001 00:34	Timothy Trees	1
02325	Pesticide Alternate Water Extr	FC-143 10/91	1	03/06/2001 08:00	Deborah M. Zimmerman	1

RP005865

EID173822

Lancaster Laboratories Sample No. WW 3561492

Collected: 02/28/2001 10:45 by BJD

Account Number: 07032

Submitted: 03/01/2001 09:25

Reported: 03/28/01 at 12:52 PM

Discard: 4/28/01

WWK-G-LPWD WELL A Unspiked Water Sample

LUBECK WELLS 1Q01

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

00AIX SDG#: XXX01-01BKG

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
02324	FC-143 The spike recovery for the MS/MSD is outside the QC limits. The recovery for the associated LCS met QC criteria. The RPD between the MS/MSD is outside the QC criteria.	3825-26-1	0.648	0.029	ug/l	1
00495	GC/MS Confirm of FC-143 The recovery of FC-143 in the MS/MSD associated with this sample were outside QC limits.	n.a.	0.45	0.10	ug/l	1

The relative percent difference (RPD) for FC-143 between the MS/MSD associated with this sample was outside QC limits.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
02324	FC-143	FC-143 by GC/ECD	1	03/12/2001 16:14	Michelle J. Kolodziejaki	1
00495	GC/MS Confirm of FC-143	FC-143 by GC/MS	1	03/23/2001 20:09	Timothy Trees	1
02325	Pesticide Alternate Water Extr	FC-143 10/91	1	03/06/2001 08:00	Deborah M. Zimmerman	1

RP005866

EID173823

Lancaster Laboratories Sample No. WW 3561493

Collected: 02/28/2001 10:35 by BJD

Account Number: 07032

Submitted: 03/01/2001 09:25
 Reported: 03/28/01 at 12:52 PM
 Discard: 4/28/01
 WWK-G-LPWD_WELL_B Water Sample
 LUBECK WELLS 1Q01

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

00BXX

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
02324	FC-143 The PFNA surrogate recovery is outside the QC limits. The stated QC limits are advisory only until sufficient data points can be obtained to calculate statistical limits.	3825-26-1	0.638	0.028	ug/l	1
	The spike recovery for the MS/MSD is outside the QC limits. The recovery met QC criteria for the associated LCS. The RPD between the MS/MSD is outside the QC criteria.					
00495	GC/MS Confirm of FC-143 The recovery of FC-143 in the MS/MSD associated with this sample were outside QC limits.	n.a.	0.370	0.090	ug/l	1
	The relative percent difference (RPD) for FC-143 between the MS/MSD associated with this sample was outside QC limits.					

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
02324	FC-143	FC-143 by GC/ECD	1	03/12/2001 18:50	Michelle J. Kolodziejcki	1
00495	GC/MS Confirm of FC-143	FC-143 by GC/MS	1	03/23/2001 22:40	Timothy Trees	1
02325	Pesticide Alternate Water Extr	FC-143 10/91	1	03/06/2001 08:00	Deborah M. Zimmerman	1

RP005867

EID173824

Lancaster Laboratories Sample No. WW 3561494

Collected: 02/28/2001 10:21 by BJD

Account Number: 07032

Submitted: 03/01/2001 09:25
 Reported: 03/28/01 at 12:52 PM
 Discard: 4/28/01
 WWK-G-LPFD WELL F Water Sample
 LUBECK WELLS 1001

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

00FXX

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
02324	PC-143 The PFDDA surrogate recovery is outside the QC limits. The stated QC limits are advisory only until sufficient data points can be obtained to calculate statistical limits.	3825-26-1	0.212	0.028	ug/l	1
00495	GC/MS Confirm of PC-143 The spike recovery for the MS/MSD is outside the QC limits. The recovery for the associated LCS met QC criteria. The RPD between the MS/MSD is outside the QC criteria. The recovery of PC-143 in the MS/MSD associated with this sample were outside QC limits. The relative percent difference (RPD) for PC-143 between the MS/MSD associated with this sample was outside QC limits.	n.a.	0.100	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/RCD	1	03/12/2001 19:29	Michelle J. Kolodziejaki	1
00495	GC/MS Confirm of PC-143	PC-143 by GC/MS	1	03/23/2001 23:18	Timothy Trees	1
02325	Pesticide Alternate Water Extr	PC-143 10/91	1	03/06/2001 08:00	Deborah M. Zimmerman	1

RP005868

EID173825