



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

October 4, 2000

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 15, 2000 from three LPSD wells and the LPSD Building 1 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

DDJ001773

Analysis Report



Page 1 of 1

Lancaster Laboratories Sample No. NW 3439739

Collected: 08/15/2000 13:40 by BJD

Account Number: 07032

Submitted: 08/16/2000 09:10

Reported: 09/12/00 at 09:28 PM

Discard: 10/13/00

WWK-G-LPWD-WELL A Unspiked Water Sample

LUBRICK WELLS 3Q00

CRG-E.I. DuPont de Nemours & Co
Barley Mill Plaza, Bldg. 27
Routes 141 & 48
Wilmington: DE 19805

WELIA SDG#: XXX01-01BKG

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
02324	FC-143	3825-26-1	0.535	0.029	ug/l	1
The FC-143 recovery is outside the QC limits for the LCS, MS, and MSD. The sample was re-extracted past holding time with acceptable LCS recovery. Original results were reported.						

The 11H-PFUA and PFDDA surrogate recoveries are outside the 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	08/31/2000 21:05	Rick Shober	1
02325	Pesticide Alternate Water Extr	FC-143 10/91	1	08/24/2000 08:00	Deborah M. Zimmerman	1

DDJ601774



Lancaster Laboratories
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7745 Rev. 2/13/99

EID134365

Analysis Report



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Lancaster Laboratories Sample No. WW. 3439740

Collected: 08/15/2000 13:25 by BJD

Account Number: 07032

Submitted: 08/16/2000 09:10
Reported: 09/12/00 at 09:28 PM
Discard: 10/13/00
WWK-G-LPWD-WELL B Water Sample
LUBECK WELLS 3000

CRG-E.I. DuPont de Nemours & Co
Barley Mill Plaza, Bldg. 27
Routes 141 & 48
Wilmington DE 19805

WELLB

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
02324	FC-143	3825-26-1	0.159	0.029	ug/l	1
The FC-143 recovery is outside the QC limits for the LCS, MS, and MSD. The sample was re-extracted past holding time to confirm original results. The LCS recovery for the second extraction was within acceptance limits. Similar results were obtained in both extracts. Original results were reported. The 11H-PFUA and PFDDA surrogate recoveries are outside the 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 10/91	1	08/31/2000 22:37	Rick Shober	1
02325	Pesticide Alternate Water Extr	FC-143 10/91	1	08/24/2000 08:00	Deborah M. Zimmerman	1

DD1001775

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781-455-3200 Fax 781-455-3220

EID134366

Analysis Report



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Lancaster Laboratories Sample No. WW 3439741

Collected: 08/15/2000 13:15 by BJD

Account Number: 07032

Submitted: 08/16/2000 09:10

Reported: 09/12/00 at 09:28 PM

Discard: 10/13/00

WWK-G-LPWD-WELL_F Water Sample

LUBBECK WELLS 3Q00

CRG-B.I.DuPont de Nemours & Co

Barley Mill Plaza, Bldg. 27.

Routes 141 & 48

Wilmington, DE 19805

WELLF

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
02324	FC-143	3825-26-1	0.073 J	0.029	ug/l	1
The FC-143 recovery is outside the QC limits for the LCS, MS, and MSD. The sample was re-extracted past holding time to confirm original results. The LCS recovery for the second extraction was within acceptance limits. Similar results were obtained for both extracts. Original results were reported.						

The 11B-PFUA and PFDDA surrogate recoveries are outside the QC limits.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
02324	FC-143	FC-143 by GC/MSD	1	08/31/2000 23:08	Rick Shoher	1
02325	Pesticide Alternate Water Extr	FC-143 10/91	1	08/24/2000 08:00	Deborah M. Zimmerman	1

DD1001776



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EID134367

Analysis Report



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Lancaster Laboratories Sample No. WW 3439738

Collected: 08/15/2000 12:45 by BJD
 through 08/15/2000 12:45
 Submitted: 08/16/2000 09:10
 Reported: 09/14/00 at 08:54 AM
 Discard: 10/15/00
 WWK-D-BUILDING-1 MAIN Water Sample
 LUBECK WELLS 3Q00

Account Number: 07032

CRG-E.I. DuPont de Nemours & Co
 Barley Mill Plaza, Bldg. 27
 Routes 141 & 48
 Wilmington DE 19805

BBAAA

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
02324	FC-143	3825-26-1	0.589	0.029	ug/l	1

The FC-143 recovery is outside the QC limits for the LCS, MS, and MSD.
 Since there was insufficient sample amount for a reextraction, the results were reported.

The 11H-PFUA and PFDDA surrogate recoveries are outside the 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	08/31/2000 20:34	Rick Shober	1
02325	Pesticide Alternate Water Extr	FC-143 10/91	1	08/24/2000 08:00	Deborah M. Zimmerman	1



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EID134368

Analysis Report



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Lancaster Laboratories Sample No. WW 3440159

Collected: 08/15/2000 10:00 by BJD

Account Number: 07032

Submitted: 08/16/2000 14:00
Reported: 09/05/00 at 10:17 PM
Discard: 10/6/00
WWK-G-WELL-331 Water Sample
ANNUAL C8 SAMPLING 2000

CRG-R.I. DuPont de Nemours & Co
Barley Mill Plaza, Bldg. 27
Routes 141 & 48
Wilmington DE 19805

331-A

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
02324	FC-143	3825-26-1	0.157	0.029	ug/l	1

The FC-143 recovery is outside the QC limits for the LCS, MS, and MSD. Since there was insufficient sample amount for a reextraction, the results were reported.

The 11H-PFUA and PFDDA surrogate recoveries are outside the 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 10/91	1	09/01/2000 00:41	Rick Shober	1
02325	Pesticide Alternate Water Extr	FC-143 10/91	1	08/24/2000 08:00	Deborah M. Zimmerman	1

DDJ001778



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2216 Rev. 3/23/99

EID134369

Analysis Report



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Lancaster Laboratories Sample No. WW 3440160

Collected: 08/16/2000 10:15 by BJD

Account Number: 07032

Submitted: 08/16/2000 14:00
Reported: 09/05/00 at 10:17 PM
Discard: 10/6/00
WWK-G-WELL-336 Water Sample
ANNUAL CB SAMPLING 2000

CRG-E.I. DuPont de Nemours & Co
Barley Mill Plaza, Bldg. 27
Routes 141 & 48
Wilmington DE 19805

336-A

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
02324	FC-143	3825-26-1	0.071 J	0.028	ug/l	1

The FC-143 recovery is outside the QC limits for the LCS, MS, and MSD. Since there was insufficient sample amount for a reextraction, the results were reported.

The 11H-PFUA and PFDDA surrogate recoveries are outside the 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 10/91	1	09/01/2000 01:11	Rick Shober	1
02325	Pesticide Alternate Water Extr	FC-143 10/91	1	08/24/2000 08:00	Deborah M. Zimmerman	1

DD1001779



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EID134370

Analysis Report



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Lancaster Laboratories Sample No. WM 3440161

Collected: 08/16/2000 10:25 by BJD

Account Number: 07032

Submitted: 08/16/2000 14:00

Reported: 09/05/00 at 10:17 PM

Discard: 10/6/00

WWK-G-BUILDING-363 AFTER_FILTER Water Sample
ANNUAL C8 SAMPLING 2000

CRG-E.I. DuPont de Nemours & Co
Barley Mill Plaza, Bldg. 27
Routes 141 & 48
Wilmington DE 19805

363-A

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
02324	PC-143	3825-26-1	0.135	0.029	ug/l	1

The PC-143 recovery is outside the QC limits for the LCS, MS, and MSD. Since there was insufficient sample amount for a reextraction, the results were reported.

The 11H-PFUA and PFDDA surrogate recoveries are outside the QC limits.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
02324	PC-143	PC-143 by GC/ECD	1	09/01/2000 01:42	Rick Shober	1
02325	Pesticide Alternate Water Extr	PC-143 10/91	1	08/24/2000 08:00	Deborah M. Zimmerman	1

DD1001780



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EID134371