DuPont Engineering
Barley Mill Plaza - Bldg. 27
4417 Lancaster Pike
Wilmington, DE 19805

October 19, 2004

Mr. Todd Kelleher
Environmental Supervisor
Chemical Monitoring Compliance Unit
Ohio Environmental Protection Agency
Columbus, Ohio 43216-1049

Earnhart Hills Public Water System
Circleville, Ohio

Dear Mr. Kelleher:

On August 30, 2004, groundwater from the Earnhart Hills Public Water System was sampled and perfluorooctanoic acid (PFOA) concentrations determined. Groundwater sampled included an after treatment sample, a duplicate after treatment sample, a before treatment sample, and four production well samples (W3 through W6). All PFOA results were non-detectable (ND; <0.01 ug/L).

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

Sincerely,

Andrew S. Hartten
Project Director

cc: James Riley
Steve Williams
Mary Dominiak
Andrea V. Malinowski
David W. Boothe
Dennis Williams

Attachments

Earnhart Hills Public Water System
Circleville, Ohio

Sample Name	Water Source	Date	PFOA (ug/L)
CVL-EHWC-AT	After Treatment	8/30/2004	ND (<0.01)
CVL-EHWC-AT (DUP)	After Treatment	8/30/2004	ND (<0.01)
CVL-EHWC-BT	Before Treatment	8/30/2004	ND (<0.01)
CVL-EHWC-W3	Production Well	8/30/2004	ND (<0.01)
CVL-EHWC-W4	Production Well	8/30/2004	ND (<0.01)
CVL-EHWC-W5	Production Well	8/30/2004	ND (<0.01)
CVL-EHWC-W6	Production Well	8/30/2004	ND (<0.01)

Exygen™ RESEARCH
Precise Research.
Proven Results.

Fluorochemical Characterization of Water Samples

Analytical Results

DuPont Sample Identification	*Exygen Research Sample Identification*	*Collection Date*	*APFO * (µg/L**)*
CVL-EHWC-AT	L0003262-1	30-Aug-04	ND

* APFO – ammonium perfluorooctanoate (also referred to as FC-143 and C8)

** µg/L – micrograms/liter (parts per billion)

DEFINITIONS:

Limit of Detection (LOD) for the procedure is approximately 0.010 µg/L

Limit of Quantitation (LOQ) for the procedure is 0.050 µg/L

ND – Compound not detected

NQ – Compound detected at a level between the LOD and LOQ. Result is not quantifiable.

Relative values: ND < LOD < NQ < LOQ

RESULTS ARE CALCULATED ACCORDING TO THE FOLLOWING CRITERIA:

All samples were analyzed in duplicate. If the sample and laboratory duplicate are greater than 0.250 µg/L, and the relative percent difference (RPD) is less than 20, the average value is reported. If the RPD is greater than 20, the higher value is reported.

If the sample and laboratory duplicate are less than 0.250 µg/L, and the absolute difference is less than 50, the average value is reported. If the absolute difference is greater than 50, the higher value is reported.

SUBMITTED BY:

John M Flaherty — 18-Oct-04

John M. Flaherty, Operations Manager — Date

3058 Research Drive
State College, PA 16801, USA
T: 800.281.3219
F: 814.272.1019
exygen.com

Exygen™ RESEARCH
Precise Research.
Proven Results.

Fluorochemical Characterization of Water Samples

Analytical Results

DuPont Sample Identification	*Exygen Research Sample Identification*	*Collection Date*	*APFO * (µg/L**)*
CVL-EHWC-BT	L0003262-2	30-Aug-04	ND

* APFO – ammonium perfluorooctanoate (also referred to as FC-143 and C8)

** µg/L – micrograms/liter (parts per billion)

DEFINITIONS:

Limit of Detection (LOD) for the procedure is approximately 0.010 µg/L

Limit of Quantitation (LOQ) for the procedure is 0.050 µg/L

ND – Compound not detected

NQ – Compound detected at a level between the LOD and LOQ. Result is not quantifiable.

Relative values: ND < LOD < NQ < LOQ

RESULTS ARE CALCULATED ACCORDING TO THE FOLLOWING CRITERIA:

All samples were analyzed in duplicate. If the sample and laboratory duplicate are greater than 0.250 µg/L, and the relative percent difference (RPD) is less than 20, the average value is reported. If the RPD is greater than 20, the higher value is reported.

If the sample and laboratory duplicate are less than 0.250 µg/L, and the absolute difference is less than 50, the average value is reported. If the absolute difference is greater than 50, the higher value is reported.

SUBMITTED BY:

John M. Flaherty

John M. Flaherty, Operations Manager — 18-Oct-04 Date

3058 Research Drive
State College, PA 16801, USA
T: 800.281.3219
F: 814.272.1019
exygen.com

Exygen™ RESEARCH
Precise Research.
Proven Results.

Fluorochemical Characterization of Water Samples

Analytical Results

DuPont Sample Identification	*Exygen Research Sample Identification*	*Collection Date*	*APFO * (µg/L**)*
CVL-EHWC-AT-DUP	L0003262-3	30-Aug-04	ND

* APFO – ammonium perfluorooctanoate (also referred to as FC-143 and C8)

** µg/L – micrograms/liter (parts per billion)

DEFINITIONS:

Limit of Detection (LOD) for the procedure is approximately 0.010 µg/L

Limit of Quantitation (LOQ) for the procedure is 0.050 µg/L

ND – Compound not detected

NQ – Compound detected at a level between the LOD and LOQ. Result is not quantifiable.

Relative values: ND < LOD < NQ < LOQ

RESULTS ARE CALCULATED ACCORDING TO THE FOLLOWING CRITERIA:

All samples were analyzed in duplicate. If the sample and laboratory duplicate are greater than 0.250 µg/L, and the relative percent difference (RPD) is less than 20, the average value is reported. If the RPD is greater than 20, the higher value is reported.

If the sample and laboratory duplicate are less than 0.250 µg/L, and the absolute difference is less than 50, the average value is reported. If the absolute difference is greater than 50, the higher value is reported.

SUBMITTED BY:

John M. Flaherty

John M. Flaherty, Operations Manager — 18-Oct-04 Date

3058 Research Drive
State College, PA 16801, USA
T: 800.281.3219
F: 814.272.1019
exygen.com

Exygen™ RESEARCH
Precise Research.
Proven Results.

Fluorochemical Characterization of Water Samples

Analytical Results

DuPont Sample Identification	*Exygen Research Sample Identification*	*Collection Date*	*APFO * (µg/L**)*
CVL-EHWC-W3	L0003262-4	30-Aug-04	ND

* APFO – ammonium perfluorooctanoate (also referred to as FC-143 and C8)

** µg/L – micrograms/liter (parts per billion)

DEFINITIONS:

Limit of Detection (LOD) for the procedure is approximately 0.010 µg/L

Limit of Quantitation (LOQ) for the procedure is 0.050 µg/L

ND – Compound not detected

NQ – Compound detected at a level between the LOD and LOQ. Result is not quantifiable.

Relative values: ND < LOD < NQ < LOQ

RESULTS ARE CALCULATED ACCORDING TO THE FOLLOWING CRITERIA:

All samples were analyzed in duplicate. If the sample and laboratory duplicate are greater than 0.250 µg/L, and the relative percent difference (RPD) is less than 20, the average value is reported. If the RPD is greater than 20, the higher value is reported.

If the sample and laboratory duplicate are less than 0.250 µg/L, and the absolute difference is less than 50, the average value is reported. If the absolute difference is greater than 50, the higher value is reported.

SUBMITTED BY:

John M Flaherty — 18-Oct-04

John M. Flaherty, Operations Manager — Date

3058 Research Drive
State College, PA 16801, USA
T: 800.281.3219
F: 814.272.1019
exygen.com

Exygen™ RESEARCH
Precise Research.
Proven Results.

Fluorochemical Characterization of Water Samples

Analytical Results

DuPont Sample Identification	*Exygen Research Sample Identification*	*Collection Date*	*APFO * (µg/L**)*
CVL-EHWC-W4	L0003262-5	30-Aug-04	ND

* APFO – ammonium perfluorooctanoate (also referred to as FC-143 and C8)

** µg/L – micrograms/liter (parts per billion)

DEFINITIONS:

Limit of Detection (LOD) for the procedure is approximately 0.010 µg/L

Limit of Quantitation (LOQ) for the procedure is 0.050 µg/L

ND – Compound not detected

NQ – Compound detected at a level between the LOD and LOQ. Result is not quantifiable.

Relative values: ND < LOD < NQ < LOQ

RESULTS ARE CALCULATED ACCORDING TO THE FOLLOWING CRITERIA:

All samples were analyzed in duplicate. If the sample and laboratory duplicate are greater than 0.250 µg/L, and the relative percent difference (RPD) is less than 20, the average value is reported. If the RPD is greater than 20, the higher value is reported.

If the sample and laboratory duplicate are less than 0.250 µg/L, and the absolute difference is less than 50, the average value is reported. If the absolute difference is greater than 50, the higher value is reported.

SUBMITTED BY:

John M Flaherty — 18-Oct-04

John M. Flaherty, Operations Manager — Date

3058 Research Drive
State College, PA 16801, USA
T: 800.281.3219
F: 814.272.1019
exygen.com

Exygen™ RESEARCH
Precise Research.
Proven Results.

Fluorochemical Characterization of Water Samples

Analytical Results

DuPont Sample Identification	*Exygen Research Sample Identification*	*Collection Date*	*APFO * (µg/L**)*
CVL-EHWC-W5	L0003262-6	30-Aug-04	ND

* APFO – ammonium perfluorooctanoate (also referred to as FC-143 and C8)

** µg/L – micrograms/liter (parts per billion)

DEFINITIONS:

Limit of Detection (LOD) for the procedure is approximately 0.010 µg/L

Limit of Quantitation (LOQ) for the procedure is 0.050 µg/L

ND – Compound not detected

NQ – Compound detected at a level between the LOD and LOQ. Result is not quantifiable.

Relative values: ND < LOD < NQ < LOQ

RESULTS ARE CALCULATED ACCORDING TO THE FOLLOWING CRITERIA:

All samples were analyzed in duplicate. If the sample and laboratory duplicate are greater than 0.250 µg/L, and the relative percent difference (RPD) is less than 20, the average value is reported. If the RPD is greater than 20, the higher value is reported.

If the sample and laboratory duplicate are less than 0.250 µg/L, and the absolute difference is less than 50, the average value is reported. If the absolute difference is greater than 50, the higher value is reported.

SUBMITTED BY:

John M. Flaherty, Operations Manager — 18-Oct-04 Date

3058 Research Drive
State College, PA 16801, USA
T: 800.281.3219
F: 814.272.1019
exygen.com

Exygen™ RESEARCH
Precise Research.
Proven Results.

Fluorochemical Characterization of Water Samples

Analytical Results

DuPont Sample Identification	*Exygen Research Sample Identification*	*Collection Date*	*APFO * (µg/L**)*
CVL-EHWC-W6	L0003262-7	30-Aug-04	ND

* APFO – ammonium perfluorooctanoate (also referred to as FC-143 and C8)

** µg/L – micrograms/liter (parts per billion)

DEFINITIONS:

Limit of Detection (LOD) for the procedure is approximately 0.010 µg/L

Limit of Quantitation (LOQ) for the procedure is 0.050 µg/L

ND – Compound not detected

NQ – Compound detected at a level between the LOD and LOQ. Result is not quantifiable.

Relative values: ND < LOD < NQ < LOQ

RESULTS ARE CALCULATED ACCORDING TO THE FOLLOWING CRITERIA:

All samples were analyzed in duplicate. If the sample and laboratory duplicate are greater than 0.250 µg/L, and the relative percent difference (RPD) is less than 20, the average value is reported. If the RPD is greater than 20, the higher value is reported.

If the sample and laboratory duplicate are less than 0.250 µg/L, and the absolute difference is less than 50, the average value is reported. If the absolute difference is greater than 50, the higher value is reported.

SUBMITTED BY:

John M Flaherty — 18-Oct-04

John M. Flaherty, Operations Manager — Date

3058 Research Drive
State College, PA 16801, USA
T: 800.281.3219
F: 814.272.1019
exygen.com