

1304

G-000-1012.10

**RESULTS OF THE WATER SAMPLING OF WELL**

**02/22/91**

**DOE-671-91  
DOE-FSO/CITIZEN  
2  
LETTER**



Department of Energy

1304

FMPC Site Office  
P.O. Box 398705  
Cincinnati, Ohio 45230-9705  
(513) 738-6315

FEB 22 1991  
DOE-671-91

Mrs. Doris Turner  
[Redacted]

Dear Mrs. Turner:

The Feed Materials Production Center (FMPC), in cooperation with the Ohio Environmental Protection Agency and the Department of Health, has been collecting water samples from your well and others in the area as part of our continuing environmental monitoring program. These samples are analyzed for uranium concentration in order to assess any possible effects of FMPC operations on groundwater quality.

The purpose of this letter is to provide you with an update on the results of our sampling. The laboratory result from the month of December 1990 is expressed below in parts of uranium per billion parts of water (ppb), followed by milligrams of uranium per liter of water (mg/L) and finally by picocuries of uranium per liter of water (pCi/L). Picocuries per liter are the units used to express groundwater data in the Environmental Monitoring Annual Report.

<u>Sampling Date</u> (Barn Well)	<u>Uranium Concentration</u>		
	(ppb)	(mg/L)	(pCi/L)
December 26, 1990	0.8	0.0008	0.54

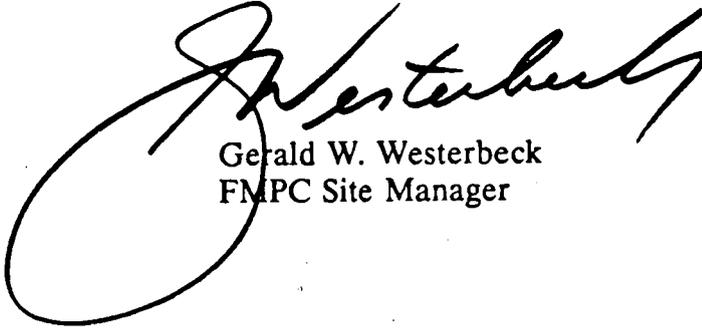
A groundwater study conducted by an independent consultant for the FMPC determined that background concentrations of naturally-occurring uranium in the groundwater for this area range from less than 0.1 ppb to 2.7 ppb (0.0001 to 0.0027 mg/L or 0.068 to 2.0 pCi/L). Also, a U. S. Geological Survey study (J.D. Hem, 1970, Geological Survey Water-Supply Paper 1473) reported a range of uranium concentration of less than 0.1 ppb to 10 ppb (0.0001 to 0.010 mg/L or 0.068 to 6.8 pCi/L) in most natural water within the United States. The uranium concentration in your sample is within the range expected for naturally-occurring background uranium in this area.

Mrs. D. Turner

-2-

If you have any questions regarding the result reported to you in this letter or of any aspect of our environmental program, please contact Bobby Davis by phone (738-6156) at your convenience.

Sincerely,

A large, stylized handwritten signature in black ink, appearing to read "G. Westerbeck". The signature is written in a cursive style with a large loop at the beginning.

Gerald W. Westerbeck  
FMPC Site Manager

DP-84:Davis



Department of Energy  
FMPC Site Office  
P.O. Box 398705  
Cincinnati, Ohio 45239-8705  
(513) 738-6319

1304

FEB 22 1991  
DOE-671-91

Mr. Clayton Walther  
[Redacted]

Dear Mr. Walther:

The Feed Materials Production Center (FMPC), in cooperation with the Ohio Environmental Protection Agency and the Department of Health, has been collecting water samples from your well and others in the area as part of our continuing environmental monitoring program. These samples are analyzed for uranium concentration in order to assess any possible effects of FMPC operations on groundwater quality.

The purpose of this letter is to provide you with an update on the results of our sampling. The laboratory result from the month of December 1990 is expressed below in parts of uranium per billion parts of water (ppb), followed by milligrams of uranium per liter of water (mg/L) and finally by picocuries of uranium per liter of water (pCi/L). Picocuries per liter are the units used to express groundwater data in the Environmental Monitoring Annual Report.

<u>Sampling Date</u>	<u>Uranium Concentration</u>		
	<u>(ppb)</u>	<u>(mg/L)</u>	<u>(pCi/L)</u>
December 26, 1990	1.4	0.0014	0.95

A groundwater study conducted by an independent consultant for the FMPC determined that background concentrations of naturally-occurring uranium in the groundwater for this area range from less than 0.1 ppb to 2.7 ppb (0.0001 to 0.0027 mg/L or 0.068 to 2.0 pCi/L). Also, a U. S. Geological Survey study (J.D. Hem, 1970, Geological Survey Water-Supply Paper 1473) reported a range of uranium concentration of less than 0.1 ppb to 10 ppb (0.0001 to 0.010 mg/L or 0.068 to 6.8 pCi/L) in most natural water within the United States. The uranium concentration in your sample is within the range expected for naturally occurring background uranium in this area.

Mr. C. Walther

-2-



1304

If you have any questions regarding the result reported to you in this letter or of any aspect of our environmental program, please contact Bobby Davis by phone (738-6156) at your convenience.

Sincerely,

A large, stylized handwritten signature in black ink, appearing to read "G. Westerbeck".

Gerald W. Westerbeck  
FMPC Site Manager.

DP-84:Davis





Department of Energy

FMPC Site Office

P.O. Box 398705

Cincinnati, Ohio 45239-8705

(513) 738-6319

1307

FEB 22 1991

DOE-671-91

Branch Hill Mobile Home Park  
Attn: Manager  
11200 Hamilton-Cleves Rd.  
Harrison, Oh. 45030

Dear Sir:

The Feed Materials Production Center (FMPC), in cooperation with the Ohio Environmental Protection Agency and the Department of Health, has been collecting water samples from your well and others in the area as part of our continuing environmental monitoring program. These samples are analyzed for uranium concentration in order to assess any possible effects of FMPC operations on groundwater quality.

The purpose of this letter is to provide you with an update on the results of our sampling. The laboratory result from the month of December 1990 is expressed below in parts of uranium per billion parts of water (ppb), followed by milligrams of uranium per liter of water (mg/L) and finally by picocuries of uranium per liter of water (pCi/L). Picocuries per liter are the units used to express groundwater data in the Environmental Monitoring Annual Report.

<u>Sampling Date</u>	<u>Uranium Concentration</u>		
	<u>(ppb)</u>	<u>(mg/L)</u>	<u>(pCi/L)</u>
December 26, 1990	0.7	0.0007	0.47

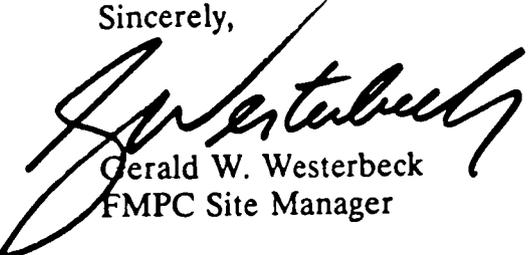
A groundwater study conducted by an independent consultant for the FMPC determined that background concentrations of naturally-occurring uranium in the groundwater for this area range from less than 0.1 ppb to 2.7 ppb (0.0001 to 0.0027 mg/L or 0.068 to 2.0 pCi/L). Also, a U. S. Geological Survey study (J.D. Hem, 1970, Geological Survey Water-Supply Paper 1473) reported a range of uranium concentration of less than 0.1 ppb to 10 ppb (0.0001 to 0.010 mg/L or 0.068 to 6.8 pCi/L) in most natural water within the United States. The uranium concentration in your sample is within the range expected for naturally-occurring background uranium in this area.

Branch Hill Mobile Home Park

-2-

If you have any questions regarding the result reported to you in this letter or of any aspect of our environmental program, please contact Bobby Davis by phone (738-6156) at your convenience.

Sincerely,



Gerald W. Westerbeck  
FMPC Site Manager

DP-84:Davis



Department of Energy

FMPC Site Office

P.O. Box 398705

Cincinnati, Ohio 45239-8

(513) 738-6319

1304

FEB 22 1991

DOE-671-91

Mr. Ken Aday



Dear Mr. Aday:

The Feed Materials Production Center (FMPC), in cooperation with the Ohio Environmental Protection Agency and the Department of Health, has been collecting water samples from your wells and others in the area as part of our continuing environmental monitoring program. These samples are analyzed for uranium concentration in order to assess any possible effects of FMPC operations on groundwater quality.

The purpose of this letter is to provide you with an update on the results of our sampling. The laboratory results from the month of December 1990 are expressed below in parts of uranium per billion parts of water (ppb), followed by milligrams of uranium per liter of water (mg/L) and finally by picocuries of uranium per liter of water (pCi/L). Picocuries per liter are the units used to express groundwater data in the Environmental Monitoring Annual Report.

<u>Sampling Date</u> (New Well)	<u>Uranium Concentration</u>		
	<u>(ppb)</u>	<u>(mg/L)</u>	<u>(pCi/L)</u>
December 26, 1990	0.2	0.0002	0.14

<u>Sampling Date</u> (House Well)	<u>Uranium Concentration</u>		
	<u>(ppb)</u>	<u>(mg/L)</u>	<u>(pCi/L)</u>
December 26, 1990	1.5	0.0015	1.01

<u>Sampling Date</u> (Old Well)	<u>Uranium Concentration</u>		
	<u>(ppb)</u>	<u>(mg/L)</u>	<u>(pCi/L)</u>
December 26, 1990	Unable to obtain sample		



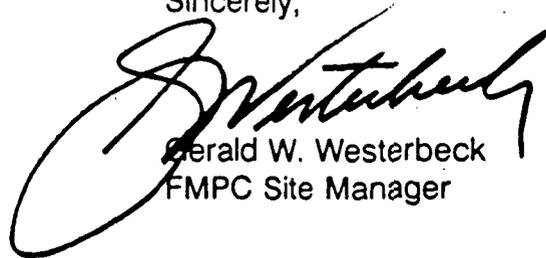
Mr. K. Aday

-2-

A groundwater study conducted by an independent consultant for the FMPC determined that background concentrations of naturally-occurring uranium in the groundwater for this area range from less than 0.1 ppb to 2.7 ppb (0.0001 to 0.0027 mg/L or 0.068 to 2.0 pCi/L). Also, a U. S. Geological Survey study (J.D. Hem, 1970, Geological Survey Water-Supply Paper 1473) reported a range of uranium concentration of less than 0.1 ppb to 10 ppb (0.0001 to 0.010 mg/L or 0.068 to 6.8 pCi/L) in most natural water within the United States. The uranium concentration in the samples taken from the new well and the house well at [REDACTED] is within the range expected for naturally-occurring background uranium concentrations in this part of the country. A sample could not be obtained from the old well during the December sampling round due to an inoperable pump to the well.

If you have any questions regarding the results reported to you in this letter or of any aspect of our environmental program, please contact Bobby Davis by phone (738-6156) at your convenience.

Sincerely,



Gerald W. Westerbeck  
FMPC Site Manager

DP-84:Davis



Department of Energy

FMPC Site Office  
P.O. Box 398705  
Cincinnati, Ohio 45239-8  
(513) 738-6319

1304

FEB 22 1991  
DOE-671-91

Mr. Russell Beckner

Dear Mr. Beckner:

The Feed Materials Production Center (FMPC), in cooperation with the Ohio Environmental Protection Agency and the Department of Health, has been collecting water samples from your well and others in the area as part of our continuing environmental monitoring program. These samples are analyzed for uranium concentration in order to assess any possible effects of FMPC operations on groundwater quality.

The purpose of this letter is to provide you with an update on the results of our sampling. The laboratory result from the month of December 1990 is expressed below in parts of uranium per billion parts of water (ppb), followed by milligrams of uranium per liter of water (mg/L) and finally by picocuries of uranium per liter of water (pCi/L). Picocuries per liter are the units used to express groundwater data in the Environmental Monitoring Annual Report.

<u>Sampling Date</u>	<u>Uranium Concentration</u>		
	<u>(ppb)</u>	<u>(mg/L)</u>	<u>(pCi/L)</u>
December 26, 1990	0.3	0.0003	0.20

A groundwater study conducted by an independent consultant for the FMPC determined that background concentrations of naturally-occurring uranium in the groundwater for this area range from less than 0.1 ppb to 2.7 ppb (0.0001 to 0.0027 mg/L or 0.068 to 2.0 pCi/L). Also, a U. S. Geological Survey study (J.D. Hem, 1970, Geological Survey Water-Supply Paper 1473) reported a range of uranium concentration of less than 0.1 ppb to 2.7 ppb (0.0001 to 0.010 mg/L or 0.068 to 6.8 pCi/L) in most natural water within the United States. The uranium concentration in your sample is within the range expected for naturally occurring background uranium in this area.

Mr. R. Beckner

-2-

If you have any questions regarding the result reported to you in this letter or of any aspect of our environmental program, please contact Bobby Davis by phone (738-6156) at your convenience.

Sincerely,



Gerald W. Westerbeck  
FMPC Site Manager

DP-84:Davis



Department of Energy

1309 1304

FMPC Site Office  
P.O. Box 398705  
Cincinnati, Ohio 45239-1  
(513) 738-6319

FEB 22 1991  
DOE-671-91

Knollman Farms, Inc.  
Attn: Norman Knollman  
7312 Willey Rd.  
Hamilton, Oh. 45013

Dear Mr. Knollman:

The Feed Materials Production Center (FMPC), in cooperation with the Ohio Environmental Protection Agency and the Department of Health, has been collecting water samples from your well and others in the area as part of our continuing environmental monitoring program. These samples are analyzed for uranium concentration in order to assess any possible effects of FMPC operations on groundwater quality.

The purpose of this letter is to provide you with an update on the results of our sampling. The laboratory results from the month of December 1990 are expressed below in parts of uranium per billion parts of water (ppb), followed by milligrams of uranium per liter of water (mg/L) and finally by picocuries of uranium per liter of water (pCi/L). Picocuries per liter are the units used to express groundwater data in the Environmental Monitoring Annual Report.

<u>Sampling Date</u> (Old Well)	<u>Uranium Concentration</u>		
	(ppb)	(mg/L)	(pCi/L)
December 26, 1990	Unable to obtain sample		

<u>Sampling Date</u> (New Well)	<u>Uranium Concentration</u>		
	(ppb)	(mg/L)	(pCi/L)
December 26, 1990	0.2	0.0002	0.14

<u>Sampling Date</u> (House Well)	<u>Uranium Concentration</u>		
	(ppb)	(mg/L)	(pCi/L)
December 26, 1990	1.5	0.0015	1.01



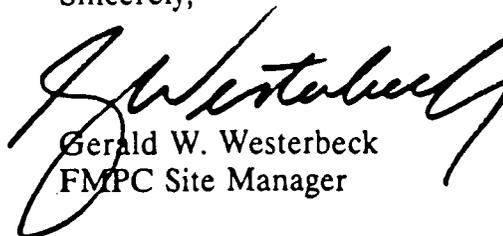
Mr. N. Knollman

-2-

A groundwater study conducted by an independent consultant for the FMPC determined that background concentrations of naturally-occurring uranium in the groundwater for this area range from less than 0.1 ppb to 2.7 ppb (0.0001 to 0.0027 mg/L or 0.068 to 2.0 pCi/L). Also, a U. S. Geological Survey study (J.D. Hem, 1970, Geological Survey Water-Supply Paper 1473) reported a range of uranium concentration of less than 0.1 ppb to 10 ppb (0.0001 to 0.010 mg/L or 0.068 to 6.8 pCi/L) in most natural water within the United States. The uranium concentration in the samples taken from the new well and the house well at 7308 Willey Road is within the range expected for naturally-occurring background uranium concentrations in this part of the country. A sample could not be obtained from the old well during the December sampling round due to an inoperable pump to the well.

If you have any questions regarding the results reported to you in this letter or of any aspect of our environmental program, please contact Bobby Davis by phone (738-6156) at your convenience.

Sincerely,



Gerald W. Westerbeck  
FMPC Site Manager

DP-84:Davis



Department of Energy

FMPC Site Office  
P.O. Box 398705  
Cincinnati, Ohio 45235  
(513) 738-6319

FEB 22 1991  
DOE-671-91

Mr. Melvin Schmidt

Dear Mr. Schmidt:

The Feed Materials Production Center (FMPC), in cooperation with the Ohio Environmental Protection Agency and the Department of Health, has been collecting water samples from your wells and others in the area as part of our continuing environmental monitoring program. These samples are analyzed for uranium concentration in order to assess any possible effects of FMPC operations on groundwater quality.

The purpose of this letter is to provide you with an update on the results of our sampling. The laboratory results from the month of December 1990 are expressed below in parts of uranium per billion parts of water (ppb), followed by milligrams of uranium per liter of water (mg/L) and finally by picocuries of uranium per liter of water (pCi/L). Picocuries per liter are the units used to express groundwater data in the Environmental Monitoring Annual Report.

<u>Sampling Date</u>	<u>Uranium Concentration</u>		
(Old Well)	(ppb)	(mg/L)	(pCi/L)

December 26, 1990      Unable to obtain sample

<u>Sampling Date</u>	<u>Uranium Concentration</u>		
(New Well)	(ppb)	(mg/L)	(pCi/L)

December 26, 1990      0.2              0.0002              0.14

<u>Sampling Date</u>	<u>Uranium Concentration</u>		
(House Well)	(ppb)	(mg/L)	(pCi/L)

December 26, 1990      1.5              0.0015              1.01

Mr. M. Schmidt

-2-

A groundwater study conducted by an independent consultant for the FMPC determined that background concentrations of naturally-occurring uranium in the groundwater for this area range from less than 0.1 ppb to 2.7 ppb (0.0001 to 0.0027 mg/L or 0.068 to 2.0 pCi/L). Also, a U. S. Geological Survey study (J.D. Hem, 1970, Geological Survey Water-Supply Paper 1473) reported a range of uranium concentration of less than 0.1 ppb to 10 ppb (0.0001 to 0.010 mg/L or 0.068 to 6.8 pCi/L) in most natural water within the United States. The uranium concentration in the samples taken from the new well and the house well at [REDACTED] is within the range expected for naturally-occurring background uranium concentrations in this part of the country. A sample could not be obtained from the old well during the December sampling round due to an inoperable pump to the well.

If you have any questions regarding the results reported to you in this letter or of any aspect of our environmental program, please contact Bobby Davis by phone (738-6156) at your convenience.

Sincerely,



Gerald W. Westerbeck  
FMPC Site Manager

DP-84:Davis



Department of Energy  
FMPC Site Office  
P.O. Box 398705  
Cincinnati, Ohio 45239-8705  
(513) 738-6319

FEB 22 1991  
DOE-671-91

Mr. N. L. Burwinkel

Dear Mr. Burwinkel:

The Feed Materials Production Center (FMPC), in cooperation with the Ohio Environmental Protection Agency and the Department of Health, has been collecting water samples from your well and others in the area as part of our continuing environmental monitoring program. These samples are analyzed for uranium concentration in order to assess any possible effects of FMPC operations on groundwater quality.

The purpose of this letter is to provide you with an update on the results of our sampling. The laboratory result from the month of December 1990 is expressed below in parts of uranium per billion parts of water (ppb), followed by milligrams of uranium per liter of water (mg/L) and finally by picocuries of uranium per liter of water (pCi/L). Picocuries per liter are the units used to express groundwater data in the Environmental Monitoring Annual Report.

<u>Sampling Date</u>	<u>Uranium Concentration</u>		
	<u>(ppb)</u>	<u>(mg/L)</u>	<u>(pCi/L)</u>
December 26, 1990	1.7	0.0017	1.15

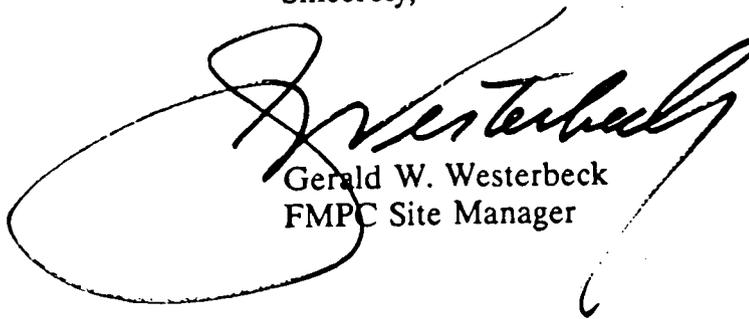
A groundwater study conducted by an independent consultant for the FMPC determined that background concentrations of naturally-occurring uranium in the groundwater for this area range from less than 0.1 ppb to 2.7 ppb (0.0001 to 0.0027 mg/L or 0.068 to 2.0 pCi/L). Also, a U. S. Geological Survey study (J.D. Hem, 1970, Geological Survey Water-Supply Paper 1473) reported a range of uranium concentration of less than 0.1 ppb to 10 ppb (0.0001 to 0.010 mg/L or 0.068 to 6.8 pCi/L) in most natural water within the United States. The uranium concentration in your sample is within the range expected for naturally occurring background uranium in this area.

Mr. N. L. Burwinkel

-2-

If you have any questions regarding the result reported to you in this letter or of any aspect of our environmental program, please contact Bobby Davis by phone (738-6156) at your convenience.

Sincerely,



Gerald W. Westerbeck  
FMPC Site Manager

DP-84:Davis



Depa

FMPC Site Office  
P.O. Box 398705  
Cincinnati, Ohio 45239-8705  
(513) 738-6319

FEB 22 1991  
DOE-671-91

Ms. Maggie Merritt

Dear Ms. Merritt:

The Feed Materials Production Center (FMPC), in cooperation with the Ohio Environmental Protection Agency and the Department of Health, has been collecting water samples from your well and others in the area as part of our continuing environmental monitoring program. These samples are analyzed for uranium concentration in order to assess any possible effects of FMPC operations on groundwater quality.

The purpose of this letter is to provide you with an update on the results of our sampling at Branch Hill Mobile Home Park. The laboratory result from the month of December 1990 is expressed below in parts of uranium per billion parts of water (ppb), followed by milligrams of uranium per liter of water (mg/L) and finally by picocuries of uranium per liter of water (pCi/L). Picocuries per liter are the units used to express groundwater data in the Environmental Monitoring Annual Report.

<u>Sampling Date</u>	<u>Uranium Concentration</u>		
	<u>(ppb)</u>	<u>(mg/L)</u>	<u>(pCi/L)</u>
December 26, 1990	0.7	0.0007	0.47

A groundwater study conducted by an independent consultant for the FMPC determined that background concentrations of naturally-occurring uranium in the groundwater for this area range from less than 0.1 ppb to 2.7 ppb (0.0001 to 0.0027 mg/L or 0.068 to 2.0 pCi/L). Also, a U. S. Geological Survey study (J.D. Hem, 1970, Geological Survey Water-Supply Paper 1473) reported a range of uranium concentration of less than 0.1 ppb to 10 ppb (0.0001 to 0.010 mg/L or 0.068 to 6.8 pCi/L) in most natural water within the United States. The uranium concentration in your sample is within the range expected for naturally-occurring background uranium in this area.

Ms. M. Merritt

-2-

If you have any questions regarding the result reported to you in this letter or of any aspect of our environmental program, please contact Bobby Davis by phone (738-6156) at your convenience.

Sincerely,

*G. Westerbeck*  
Gerald W. Westerbeck  
FMPC Site Manager

DP-84:Davis

*Maggie*

*Hope you  
are back on  
your feet  
I am glad your problem  
was not as serious as you  
originally thought. I hope  
to see you at the Community  
meeting on March 19<sup>th</sup>.*

*Jerry Westerbeck*



Department of E  
 FMPC Site Office  
 P.O. Box 398705  
 Cincinnati, Ohio 45239-8705  
 (513) 738-6319

1304-1306

FEB 22 1991  
 DOE-671-91

Mr. Clayton Burton  
 [Redacted]

Dear Mr. Burton:

The Feed Materials Production Center (FMPC), in cooperation with the Ohio Environmental Protection Agency and the Department of Health, has been collecting water samples from your well and others in the area as part of our continuing environmental monitoring program. These samples are analyzed for uranium concentration in order to assess any possible effects of FMPC operations on groundwater quality.

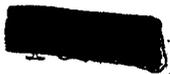
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<u>Sampling Date</u>	<u>Uranium Concentration</u>		
	<u>(ppb)</u>	<u>(mg/L)</u>	<u>(pCi/L)</u>
December 26, 1990	1.8	0.0018	1.21

A groundwater study conducted by an independent consultant for the FMPC determined that background concentrations of naturally-occurring uranium in the groundwater for this area range from less than 0.1 ppb to 2.7 ppb (0.0001 to 0.0027 mg/L or 0.068 to 2.0 pCi/L). Also, a U. S. Geological Survey study (J.D. Hem, 1970, Geological Survey Water-Supply Paper 1473) reported a range of uranium concentration of less than 0.1 ppb to 10 ppb (0.0001 to 0.010 mg/L or 0.068 to 6.8 pCi/L) in most natural water within the United States. The uranium concentration in your sample is within the range expected for naturally occurring background uranium in this area.

Mr. C. Burton

-2-



If you have any questions regarding the result reported to you in this letter or of any aspect of our environmental program, please contact Bobby Davis by phone (738-6156) at your convenience.

Sincerely,

A large, stylized handwritten signature in black ink, appearing to read "G. Westerbeck".

Gerald W. Westerbeck  
FMPC Site Manager

DP-84:Davis





Department of E  
 FMPC Site Office  
 P.O. Box 398705  
 Cincinnati, Ohio 45239-8705  
 (513) 738-6319

1304

FFR 2 1991  
 DOE-671-91

Ms. Ann Harrigan  
 [Redacted]

Dear Ms. Harrigan:

The Feed Materials Production Center (FMPC), in cooperation with the Ohio Environmental Protection Agency and the Department of Health, has been collecting water samples from your well and others in the area as part of our continuing environmental monitoring program. These samples are analyzed for uranium concentration in order to assess any possible effects of FMPC operations on groundwater quality.

The purpose of this letter is to provide you with an update on the results of our sampling at Branch Hill Mobile Home Park. The laboratory result from the month of December 1990 is expressed below in parts of uranium per billion parts of water (ppb), followed by milligrams of uranium per liter of water (mg/L) and finally by picocuries of uranium per liter of water (pCi/L). Picocuries per liter are the units used to express groundwater data in the Environmental Monitoring Annual Report.

<u>Sampling Date</u>	<u>Uranium Concentration</u>		
	<u>(ppb)</u>	<u>(mg/L)</u>	<u>(pCi/L)</u>
December 26, 1990	0.7	0.0007	0.47

A groundwater study conducted by an independent consultant for the FMPC determined that background concentrations of naturally-occurring uranium in the groundwater for this area range from less than 0.1 ppb to 2.7 ppb (0.0001 to 0.0027 mg/L or 0.068 to 2.0 pCi/L). Also, a U. S. Geological Survey study (J.D. Hem, 1970, Geological Survey Water-Supply Paper 1473) reported a range of uranium concentration of less than 0.1 ppb to 10 ppb (0.0001 to 0.010 mg/L or 0.068 to 6.8 pCi/L) in most natural water within the United States. The uranium concentration in your sample is within the range expected for naturally-occurring background uranium in this area.

Ms. A. Harrigan

-2-



If you have any questions regarding the result reported to you in this letter or of any aspect of our environmental program, please contact Bobby Davis by phone (738-6156) at your convenience.

Sincerely,

A large, stylized handwritten signature in black ink, which appears to read "G. Westerbeck". The signature is written over the typed name and title.

Gerald W. Westerbeck  
FMPC Site Manager

DP-84:Davis





Department of En  
 FMPC Site Office  
 P.O. Box 398705  
 Cincinnati, Ohio 45239-8705  
 (513) 738-6319

1304-

FEB 22 1991  
 DOE-671-91

Mr. Frank Divo  
 Southwestern Ohio Water Co.  
 11300 Cornell Park Dr. #385  
 Cincinnati, Oh. 45242

Dear Mr. Divo:

The Feed Materials Production Center (FMPC), in cooperation with the Ohio Environmental Protection Agency and the Department of Health, has been collecting water samples from your wells and others in the area as part of our continuing environmental monitoring program. These samples are analyzed for uranium concentration in order to assess any possible effects of FMPC operations on groundwater quality.

The purpose of this letter is to provide you with an update on the results of our sampling. The laboratory results from the month of December 1990 are expressed below in parts of uranium per billion parts of water (ppb), followed by milligrams of uranium per liter of water (mg/L) and finally by picocuries of uranium per liter of water (pCi/L). Picocuries per liter are the units used to express groundwater data in the Environmental Monitoring Annual Report.

<u>Sampling Date</u> (Well 1)	<u>Uranium Concentration</u>		
	(ppb)	(mg/L)	(pCi/L)
December 26, 1990	0.9	0.0009	0.61

<u>Sampling Date</u> (Well 2)	<u>Uranium Concentration</u>		
	(ppb)	(mg/L)	(pCi/L)
December 26, 1990	0.6	0.0006	0.41

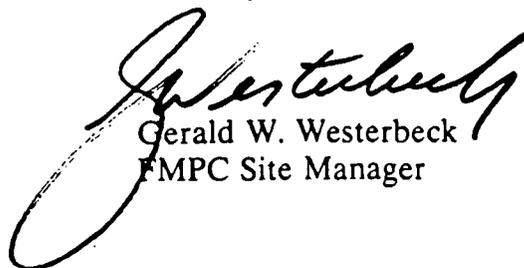
Mr. F. Divo

-2- 

A groundwater study conducted by an independent consultant for the FMPC determined that background concentrations of naturally-occurring uranium in the groundwater for this area range from less than 0.1 ppb to 2.7 ppb (0.0001 to 0.0027 mg/L or 0.068 to 2.0 pCi/L). Also, a U. S. Geological Survey study (J.D. Hem, 1970, Geological Survey Water-Supply Paper 1473) reported a range of uranium concentration of less than 0.1 ppb to 10 ppb (0.0001 to 0.010 mg/L or 0.068 to 6.8 pCi/L) in most natural water within the United States. The uranium concentration in your samples is within the range expected for naturally-occurring background uranium in this area.

If you have any questions regarding the results reported to you in this letter or of any aspect of our environmental program, please contact Bobby Davis by phone (738-6156) at your convenience.

Sincerely,



Gerald W. Westerbeck  
FMPC Site Manager

DP-84:Davis



Department of Energy  
 FMPC Site Office  
 P.O. Box 398705  
 Cincinnati, Ohio 45239-8705  
 (513) 738-6319

1304

FEB 22 1991  
 DOE-671-91

Mrs. Verdie Estes  
 [Redacted]

Dear Mrs. Estes:

The Feed Materials Production Center (FMPC), in cooperation with the Ohio Environmental Protection Agency and the Department of Health, has been collecting water samples from your well and others in the area as part of our continuing environmental monitoring program. These samples are analyzed for uranium concentration in order to assess any possible effects of FMPC operations on groundwater quality.

The purpose of this letter is to provide you with an update on the results of our sampling. The laboratory result from the month of December 1990 is expressed below in parts of uranium per billion parts of water (ppb), followed by milligrams of uranium per liter of water (mg/L) and finally by picocuries of uranium per liter of water (pCi/L). Picocuries per liter are the units used to express groundwater data in the Environmental Monitoring Annual Report.

<u>Sampling Date</u>	<u>Uranium Concentration</u>		
	<u>(ppb)</u>	<u>(mg/L)</u>	<u>(pCi/L)</u>
December 26, 1990	2.2	0.0022	1.49

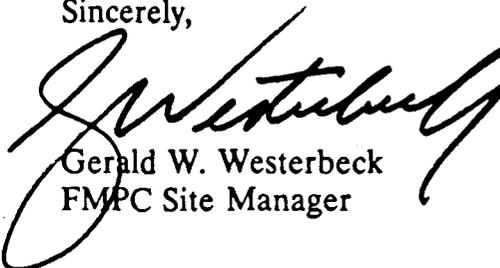
A groundwater study conducted by an independent consultant for the FMPC determined that background concentrations of naturally-occurring uranium in the groundwater for this area range from less than 0.1 ppb to 2.7 ppb (0.0001 to 0.0027 mg/L or 0.068 to 2.0 pCi/L). Also, a U. S. Geological Survey study (J.D. Hem, 1970, Geological Survey Water-Supply Paper 1473) reported a range of uranium concentration of less than 0.1 ppb to 10 ppb (0.0001 to 0.010 mg/L or 0.068 to 6.8 pCi/L) in most natural water within the United States. The uranium concentration in your sample is within the range expected for naturally occurring background uranium in this area.

Mrs. V. Estes .

-2-

If you have any questions regarding the result reported to you in this letter or of any aspect of our environmental program, please contact Bobby Davis by phone (738-6156) at your convenience.

Sincerely,



Gerald W. Westerbeck  
FMPC Site Manager

DP-84:Davis



Department of Energy

FMPC Site Office  
P.O. Box 398705  
Cincinnati, Ohio 45239  
(513) 738-6319

1304

FEB 22 1991  
DOE-671-91

Ray Evers Welding Co., Inc.  
Attn: Manager  
4849 Blue Rock Rd.  
Cincinnati, Oh. 45239

Dear Sir:

The Feed Materials Production Center (FMPC), in cooperation with the Ohio Environmental Protection Agency and the Department of Health, has been collecting water samples from your well and others in the area as part of our continuing environmental monitoring program. These samples are analyzed for uranium concentration in order to assess any possible effects of FMPC operations on groundwater quality.

The purpose of this letter is to provide you with an update on the results of our sampling. The laboratory result from the month of December 1990 is expressed below in parts of uranium per billion parts of water (ppb), followed by milligrams of uranium per liter of water (mg/L) and finally by picocuries of uranium per liter of water (pCi/L). Picocuries per liter are the units used to express groundwater data in the Environmental Monitoring Annual Report.

<u>Sampling Date</u>	<u>Uranium Concentration</u>		
	<u>(ppb)</u>	<u>(mg/L)</u>	<u>(pCi/L)</u>
December 26, 1990	0.1	0.0001	0.07

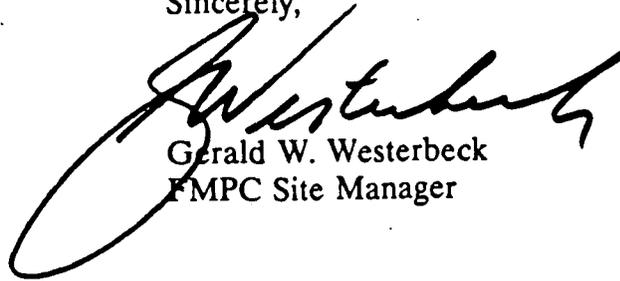
A groundwater study conducted by an independent consultant for the FMPC determined that background concentrations of naturally-occurring uranium in the groundwater for this area range from less than 0.1 ppb to 2.7 ppb (0.0001 to 0.0027 mg/L or 0.068 to 2.0 pCi/L). Also, a U. S. Geological Survey study (J.D. Hem, 1970, Geological Survey Water-Supply Paper 1473) reported a range of uranium concentration of less than 0.1 ppb to 10 ppb (0.0001 to 0.010 mg/L or 0.068 to 6.8 pCi/L) in most natural water within the United States. The uranium concentration in your sample is within the range expected for naturally-occurring background uranium in this area.

Ray Evers Welding Co.

-2-

If you have any questions regarding the result reported to you in this letter or of any aspect of our environmental program, please contact Bobby Davis by phone (738-6156) at your convenience.

Sincerely,



Gerald W. Westerbeck  
FMPC Site Manager

DP-84:Davis



Department of E  
 FMPC Site Office  
 P.O. Box 398705  
 Cincinnati, Ohio 45239-8705  
 (513) 738-6319

1304

FEB 22 1991  
 DOE-671-91

Fort Scott  
 Attn: Ed Shannon  
 6762 River Rd.  
 Harrison, Oh. 45030

Dear Mr. Shannon:

The Feed Materials Production Center (FMPC), in cooperation with the Ohio Environmental Protection Agency and the Department of Health, has been collecting water samples from your well and others in the area as part of our continuing environmental monitoring program. These samples are analyzed for uranium concentration in order to assess any possible effects of FMPC operations on groundwater quality.

The purpose of this letter is to provide you with an update on the results of our sampling. The laboratory result from the month of December 1990 is expressed below in parts of uranium per billion parts of water (ppb), followed by milligrams of uranium per liter of water (mg/L) and finally by picocuries of uranium per liter of water (pCi/L). Picocuries per liter are the units used to express groundwater data in the Environmental Monitoring Annual Report.

<u>Sampling Date</u>	<u>Uranium Concentration</u>		
	<u>(ppb)</u>	<u>(mg/L)</u>	<u>(pCi/L)</u>
December 26, 1990	0.5	0.0005	0.34

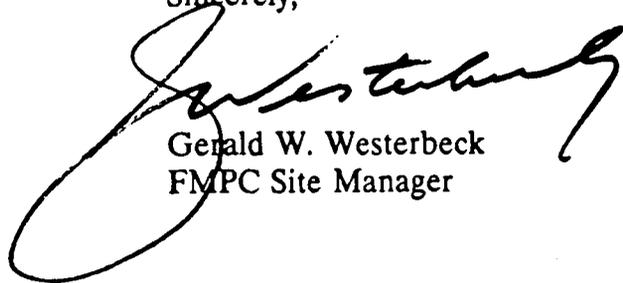
A groundwater study conducted by an independent consultant for the FMPC determined that background concentrations of naturally-occurring uranium in the groundwater for this area range from less than 0.1 ppb to 2.7 ppb (0.0001 to 0.0027 mg/L or 0.068 to 2.0 pCi/L). Also, a U. S. Geological Survey study (J.D. Hem, 1970, Geological Survey Water-Supply Paper 1473) reported a range of uranium concentration of less than 0.1 ppb to 10 ppb (0.0001 to 0.010 mg/L or 0.068 to 6.8 pCi/L) in most natural water within the United States. The uranium concentration in your sample is within the range expected for naturally-occurring background uranium in this area.

Mr. E. Shannon

-2-

If you have any questions regarding the result reported to you in this letter or of any aspect of our environmental program, please contact Bobby Davis by phone (738-6156) at your convenience.

Sincerely,



Gerald W. Westerbeck  
FMPC Site Manager

DP-84:Davis



Department of En  
 FMPC Site Office  
 P.O. Box 398705  
 Cincinnati, Ohio 45239-8705  
 (513) 738-6319

1304

FEB 22 1991  
 DOE-671-91

Mr. Thomas Pottenger  
 [Redacted]

Dear Mr. Pottenger:

The Feed Materials Production Center (FMPC), in cooperation with the Ohio Environmental Protection Agency and the Department of Health, has been collecting water samples from your well at [Redacted], Harrison and others in the area as part of our continuing environmental monitoring program. These samples are analyzed for uranium concentration in order to assess any possible effects of FMPC operations on groundwater quality.

The purpose of this letter is to provide you with an update on the results of our sampling. The laboratory result from the month of December 1990 is expressed below in parts of uranium per billion parts of water (ppb), followed by milligrams of uranium per liter of water (mg/L) and finally by picocuries of uranium per liter of water (pCi/L). Picocuries per liter are the units used to express groundwater data in the Environmental Monitoring Annual Report.

<u>Sampling Date</u>	<u>Uranium Concentration</u>		
	<u>(ppb)</u>	<u>(mg/L)</u>	<u>(pCi/L)</u>
December 26, 1990	1.9	0.0019	1.28

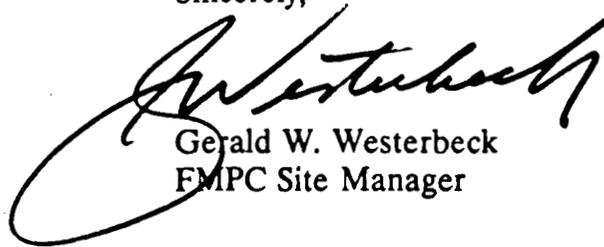
A groundwater study conducted by an independent consultant for the FMPC determined that background concentrations of naturally-occurring uranium in the groundwater for this area range from less than 0.1 ppb to 2.7 ppb (0.0001 to 0.0027 mg/L or 0.068 to 2.0 pCi/L). Also, a U. S. Geological Survey study (J.D. Hem, 1970, Geological Survey Water-Supply Paper 1473) reported a range of uranium concentration of less than 0.1 ppb to 10 ppb (0.0001 to 0.010 mg/L or 0.068 to 6.8 pCi/L) in most natural water within the United States. The uranium concentration in your sample is within the range expected for naturally-occurring background uranium in this area.

Mr. T. Pottenger

-2-

If you have any questions regarding the result reported to you in this letter or of any aspect of our environmental program, please contact Bobby Davis by phone (738-6156) at your convenience.

Sincerely,



Gerald W. Westerbeck  
FMPC Site Manager

DP-84:Davis



[REDACTED] 1307  
[REDACTED]

**Department of E**  
**FMPC Site Office**  
 P.O. Box 398705  
 Cincinnati, Ohio 45239-8705  
 (513) 738-6319

FEB 22 1991  
 DOE-671-91

Ms. Darlene Ramsey  
 [REDACTED]

Dear Ms. Ramsey:

The Feed Materials Production Center (FMPC), in cooperation with the Ohio Environmental Protection Agency and the Department of Health, has been collecting water samples from your well and others in the area as part of our continuing environmental monitoring program. These samples are analyzed for uranium concentration in order to assess any possible effects of FMPC operations on groundwater quality.

The purpose of this letter is to provide you with an update on the results of our sampling. The laboratory result from the month of December 1990 is expressed below in parts of uranium per billion parts of water (ppb), followed by milligrams of uranium per liter of water (mg/L) and finally by picocuries of uranium per liter of water (pCi/L). Picocuries per liter are the units used to express groundwater data in the Environmental Monitoring Annual Report.

<u>Sampling Date</u>	<u>Uranium Concentration</u>		
	<u>(ppb)</u>	<u>(mg/L)</u>	<u>(pCi/L)</u>
December 26, 1990	1.9	0.0019	1.28

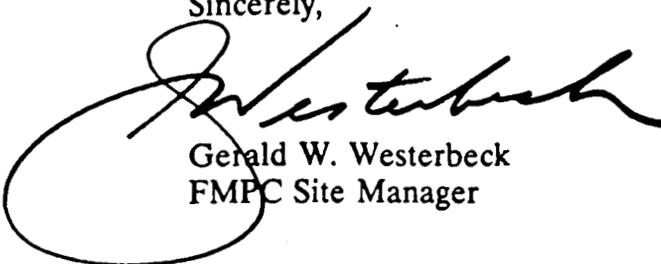
A groundwater study conducted by an independent consultant for the FMPC determined that background concentrations of naturally-occurring uranium in the groundwater for this area range from less than 0.1 ppb to 2.7 ppb (0.0001 to 0.0027 mg/L or 0.068 to 2.0 pCi/L). Also, a U. S. Geological Survey study (J.D. Hem, 1970, Geological Survey Water-Supply Paper 1473) reported a range of uranium concentration of less than 0.1 ppb to 10 ppb (0.0001 to 0.010 mg/L or 0.068 to 6.8 pCi/L) in most natural water within the United States. The uranium concentration in your sample is within the range expected for naturally-occurring background uranium in this area.

Ms. Ramsey

-2-

If you have any questions regarding the result reported to you in this letter or of any aspect of our environmental program, please contact Bobby Davis by phone (738-6156) at your convenience.

Sincerely,



Gerald W. Westerbeck  
FMPC Site Manager

DP-84:Davis



Department

FMPC Site Office  
P.O. Box 398705  
Cincinnati, Ohio 45239-8705  
(513) 738-6319

1304

FEB 22 1991  
DOE-671-91

Mrs. Dorothy Henshaw

Dear Mrs. Henshaw:

The Feed Materials Production Center (FMPC), in cooperation with the Ohio Environmental Protection Agency and the Department of Health, has been collecting water samples from your well and others in the area as part of our continuing environmental monitoring program. These samples are analyzed for uranium concentration in order to assess any possible effects of FMPC operations on groundwater quality.

The purpose of this letter is to provide you with an update on the results of our sampling. The laboratory result from the month of December 1990 is expressed below in parts of uranium per billion parts of water (ppb), followed by milligrams of uranium per liter of water (mg/L) and finally by picocuries of uranium per liter of water (pCi/L). Picocuries per liter are the units used to express groundwater data in the Environmental Monitoring Annual Report.

<u>Sampling Date</u>	<u>Uranium Concentration</u>		
	<u>(ppb)</u>	<u>(mg/L)</u>	<u>(pCi/L)</u>
December 26, 1990	0.2	0.0002	0.14

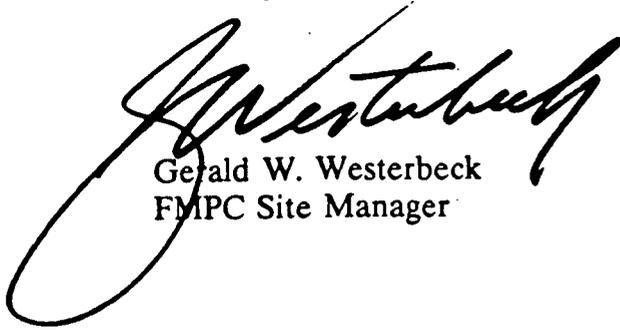
A groundwater study conducted by an independent consultant for the FMPC determined that background concentrations of naturally-occurring uranium in the groundwater for this area range from less than 0.1 ppb to 2.7 ppb (0.0001 to 0.0027 mg/L or 0.068 to 2.0 pCi/L). Also, a U. S. Geological Survey study (J.D. Hem, 1970, Geological Survey Water-Supply Paper 1473) reported a range of uranium concentration of less than 0.1 ppb to 10 ppb (0.0001 to 0.010 mg/L or 0.068 to 6.8 pCi/L) in most natural water within the United States. The uranium concentration in your sample taken from [redacted] is within the range expected for naturally-occurring background uranium concentrations in this part of the country.

Mrs. D. Henshaw

-2-

If you have any questions regarding the result reported to you in this letter or of any aspect of our environmental program, please contact Bobby Davis by phone (738-6156) at your convenience.

Sincerely,



Gerald W. Westerbeck  
FMPC Site Manager

DP-84:Davis



Department of Energy  
 FMPC Site Office  
 P.O. Box 398705  
 Cincinnati, Ohio 45239-8705  
 (513) 738-6319

1304-

FEB 22 1991  
 DOE-671-91

Delta Steel Corp.  
 Attn: Ronald Poston  
 P.O. Box 39040  
 Cincinnati, Oh. 45239-0040

Dear Mr. Poston:

The Feed Materials Production Center (FMPC), in cooperation with the Ohio Environmental Protection Agency and the Department of Health, has been collecting water samples from your well and others in the area as part of our continuing environmental monitoring program. These samples are analyzed for uranium concentration in order to assess any possible effects of FMPC operations on groundwater quality.

The purpose of this letter is to provide you with an update on the results of our sampling. The laboratory result from the month of December 1990 is expressed below in parts of uranium per billion parts of water (ppb), followed by milligrams of uranium per liter of water (mg/L) and finally by picocuries of uranium per liter of water (pCi/L). Picocuries per liter are the units used to express groundwater data in the Environmental Monitoring Annual Report.

<u>Sampling Date</u>	<u>Uranium Concentration</u>		
	<u>(ppb)</u>	<u>(mg/L)</u>	<u>(pCi/L)</u>
December 26, 1990	260	0.26	175.62

A groundwater study conducted by an independent consultant for the FMPC determined that background concentrations of naturally-occurring uranium in the groundwater for this area range from less than 0.1 ppb to 2.7 ppb (0.0001 to 0.0027 mg/L or 0.068 to 2.0 pCi/L). Also, a U. S. Geological Survey study (J.D. Hem, 1970, Geological Survey Water-Supply Paper 1473) reported a range of uranium concentration of less than 0.1 ppb to 10 ppb (0.0001 to 0.010 mg/L or 0.068 to 6.8 pCi/L) in most natural water within the United States.

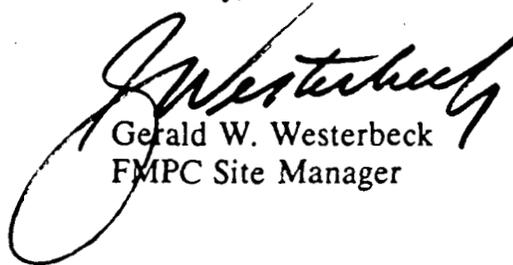
Delta Steel Corp.

-2-

The uranium concentration in your sample is higher than the range expected for naturally-occurring background uranium in this area. However, the result is consistent with those obtained and reported to you during previous periods and no significant changes in the reported levels are apparent.

If you have any questions regarding the result reported to you in this letter or of any aspect of our environmental program, please contact Bobby Davis by phone (738-6156) at your convenience.

Sincerely,



Gerald W. Westerbeck  
FMPC Site Manager

DP-84:Davis



Department of Energy  
 FMPC Site Office  
 P.O. Box 398705  
 Cincinnati, Ohio 45239-8705  
 (513) 738-6319

1304

FEB 22 1991  
 DOE-671-91

Mr. Donald Gieringer  
 [Redacted]

Dear Mr. Gieringer:

The Feed Materials Production Center (FMPC), in cooperation with the Ohio Environmental Protection Agency and the Department of Health, has been collecting water samples from your well and others in the area as part of our continuing environmental monitoring program. These samples are analyzed for uranium concentration in order to assess any possible effects of FMPC operations on groundwater quality.

The purpose of this letter is to provide you with an update on the results of our sampling. The laboratory result from the month of December 1990 is expressed below in parts of uranium per billion parts of water (ppb), followed by milligrams of uranium per liter of water (mg/L) and finally by picocuries of uranium per liter of water (pCi/L). Picocuries per liter are the units used to express groundwater data in the Environmental Monitoring Annual Report.

<u>Sampling Date</u>	<u>Uranium Concentration</u>		
	<u>(ppb)</u>	<u>(mg/L)</u>	<u>(pCi/L)</u>
December 26, 1990	1.0	0.0010	0.68

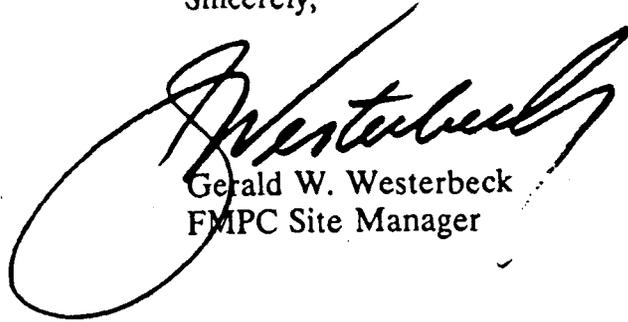
A groundwater study conducted by an independent consultant for the FMPC determined that background concentrations of naturally-occurring uranium in the groundwater for this area range from less than 0.1 ppb to 2.7 ppb (0.0001 to 0.0027 mg/L or 0.068 to 2.0 pCi/L). Also, a U. S. Geological Survey study (J.D. Hem, 1970, Geological Survey Water-Supply Paper 1473) reported a range of uranium concentration of less than 0.1 ppb to 10 ppb (0.0001 to 0.010 mg/L or 0.068 to 6.8 pCi/L) in most natural water within the United States. The uranium concentration in your sample is within the range expected for naturally occurring background uranium in this area.

Mr. D. Gieringer

-2-

If you have any questions regarding the result reported to you in this letter or of any aspect of our environmental program, please contact Bobby Davis by phone (738-6156) at your convenience.

Sincerely,



Gerald W. Westerbeck  
FMPC Site Manager

DP-84:Davis



Department of Energy  
 FMPC Site Office  
 P.O. Box 398705  
 Cincinnati, Ohio 45239-8705  
 (513) 738-6319

1304-

FEB 22 1991  
 DOE-671-91

Mr. Thomas Renck  
 Renck's Nursery  
 11765 Hamilton-Cleves Rd.  
 Hamilton, Oh. 45013

Dear Mr. Renck:

The Feed Materials Production Center (FMPC), in cooperation with the Ohio Environmental Protection Agency and the Department of Health, has been collecting water samples from your well and others in the area as part of our continuing environmental monitoring program. These samples are analyzed for uranium concentration in order to assess any possible effects of FMPC operations on groundwater quality.

The purpose of this letter is to provide you with an update on the results of our sampling. The laboratory result from the month of December 1990 is expressed below in parts of uranium per billion parts of water (ppb), followed by milligrams of uranium per liter of water (mg/L) and finally by picocuries of uranium per liter of water (pCi/L). Picocuries per liter are the units used to express groundwater data in the Environmental Monitoring Annual Report.

<u>Sampling Date</u> (Barn Well)	<u>Uranium Concentration</u>		
	(ppb)	(mg/L)	(pCi/L)
December 26, 1990	0.5	0.0005	0.34

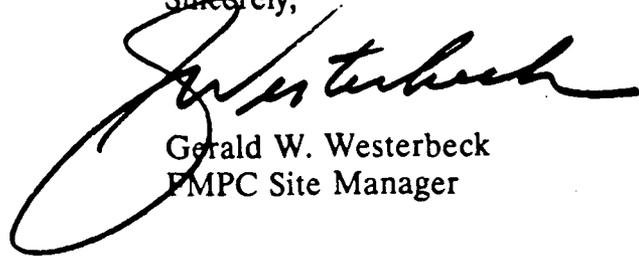
A groundwater study conducted by an independent consultant for the FMPC determined that background concentrations of naturally-occurring uranium in the groundwater for this area range from less than 0.1 ppb to 2.7 ppb (0.0001 to 0.0027 mg/L or 0.068 to 2.0 pCi/L). Also, a U. S. Geological Survey study (J.D. Hem, 1970, Geological Survey Water-Supply Paper 1473) reported a range of uranium concentration of less than 0.1 ppb to 10 ppb (0.0001 to 0.010 mg/L or 0.068 to 6.8 pCi/L) in most natural water within the United States. The uranium concentration in your sample is within the range expected for naturally-occurring background uranium in this area.

Mr. T. Renck

-2-

If you have any questions regarding the result reported to you in this letter or of any aspect of our environmental program, please contact Bobby Davis by phone (738-6156) at your convenience.

Sincerely,



Gerald W. Westerbeck  
EMPC Site Manager

DP-84:Davis



Department of Energy  
 FMPC Site Office  
 P.O. Box 398705  
 Cincinnati, Ohio 45239-8705  
 (513) 738-6319

1304 —

FEB 22 1991  
 DOE-671-91

Mr. Allen Minges

Dear Mr. Minges:

The Feed Materials Production Center (FMPC), in cooperation with the Ohio Environmental Protection Agency and the Department of Health, has been collecting water samples from your well and others in the area as part of our continuing environmental monitoring program. These samples are analyzed for uranium concentration in order to assess any possible effects of FMPC operations on groundwater quality.

The purpose of this letter is to provide you with an update on the results of our sampling. The laboratory result from the month of December 1990 is expressed below in parts of uranium per billion parts of water (ppb), followed by milligrams of uranium per liter of water (mg/L) and finally by picocuries of uranium per liter of water (pCi/L). Picocuries per liter are the units used to express groundwater data in the Environmental Monitoring Annual Report.

<u>Sampling Date</u>	<u>Uranium Concentration</u>		
	<u>(ppb)</u>	<u>(mg/L)</u>	<u>(pCi/L)</u>
December 26, 1990	0.2	0.0002	0.14

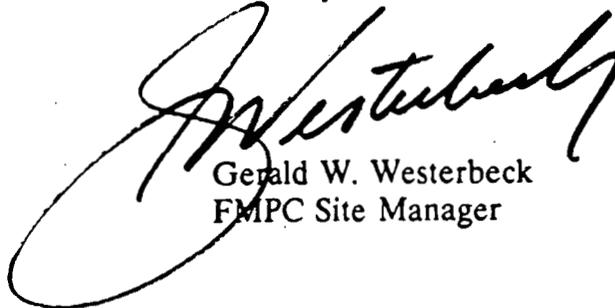
A groundwater study conducted by an independent consultant for the FMPC determined that background concentrations of naturally-occurring uranium in the groundwater for this area range from less than 0.1 ppb to 2.7 ppb (0.0001 to 0.0027 mg/L or 0.068 to 2.0 pCi/L). Also, a U. S. Geological Survey study (J.D. Hem, 1970, Geological Survey Water-Supply Paper 1473) reported a range of uranium concentration of less than 0.1 ppb to 10 ppb (0.0001 to 0.010 mg/L or 0.068 to 6.8 pCi/L) in most natural water within the United States. The uranium concentration in your sample is within the range expected for naturally occurring background uranium in this area.

Mr. A. Minges

-2-

If you have any questions regarding the result reported to you in this letter or of any aspect of our environmental program, please contact Bobby Davis by phone (738-6156) at your convenience.

Sincerely,



Gerald W. Westerbeck  
FMPC Site Manager

DP-84:Davis



Department of Energy  
 FMPC Site Office  
 P.O. Box 398705  
 Cincinnati, Ohio 45239-8705  
 (513) 738-6319

1304

FEB 22 1991  
 DOE-671-91

Ms. Nancy Riggs  
 [Redacted]

Dear Ms. Riggs:

The Feed Materials Production Center (FMPC), in cooperation with the Ohio Environmental Protection Agency and the Department of Health, has been collecting water samples from your well and others in the area as part of our continuing environmental monitoring program. These samples are analyzed for uranium concentration in order to assess any possible effects of FMPC operations on groundwater quality.

The purpose of this letter is to provide you with an update on the results of our sampling. The laboratory result from the month of December 1990 is expressed below in parts of uranium per billion parts of water (ppb), followed by milligrams of uranium per liter of water (mg/L) and finally by picocuries of uranium per liter of water (pCi/L). Picocuries per liter are the units used to express groundwater data in the Environmental Monitoring Annual Report.

<u>Sampling Date</u>	<u>Uranium Concentration</u>		
	<u>(ppb)</u>	<u>(mg/L)</u>	<u>(pCi/L)</u>
December 26, 1990	1.9	0.0019	1.28

A groundwater study conducted by an independent consultant for the FMPC determined that background concentrations of naturally-occurring uranium in the groundwater for this area range from less than 0.1 ppb to 2.7 ppb (0.0001 to 0.0027 mg/L or 0.068 to 2.0 pCi/L). Also, a U. S. Geological Survey study (J.D. Hem, 1970, Geological Survey Water-Supply Paper 1473) reported a range of uranium concentration of less than 0.1 ppb to 10 ppb (0.0001 to 0.010 mg/L or 0.068 to 6.8 pCi/L) in most natural water within the United States. The uranium concentration in your sample is within the range expected for naturally-occurring background uranium in this area.

Ms. Riggs

-2-



If you have any questions regarding the result reported to you in this letter or of any aspect of our environmental program, please contact Bobby Davis by phone (738-6156) at your convenience.

Sincerely,

A handwritten signature in black ink, appearing to read "G. Westerbeck".

Gerald W. Westerbeck  
EMPC Site Manager

DP-84:Davis





[REDACTED]  
[REDACTED] 1304  
[REDACTED]

**Department of Energy**  
 FMPC Site Office  
 P.O. Box 398705  
 Cincinnati, Ohio 45239-8705  
 (513) 738-6319

FEB 22 1991  
DOE-671-91

Miami Valley Ready Mix  
 Attn: Lloyd Smith  
 7466 New Haven Road  
 Harrison, Oh. 45030

Dear Mr. Smith:

The Feed Materials Production Center (FMPC), in cooperation with the Ohio Environmental Protection Agency and the Department of Health, has been collecting water samples from your well and others in the area as part of our continuing environmental monitoring program. These samples are analyzed for uranium concentration in order to assess any possible effects of FMPC operations on groundwater quality.

The purpose of this letter is to provide you with an update on the results of our sampling. The laboratory result from the month of December 1990 is expressed below in parts of uranium per billion parts of water (ppb), followed by milligrams of uranium per liter of water (mg/L) and finally by picocuries of uranium per liter of water (pCi/L). Picocuries per liter are the units used to express groundwater data in the Environmental Monitoring Annual Report.

<u>Sampling Date</u>	<u>Uranium Concentration</u>		
	<u>(ppb)</u>	<u>(mg/L)</u>	<u>(pCi/L)</u>
December 26, 1990	0.4	0.0004	0.27

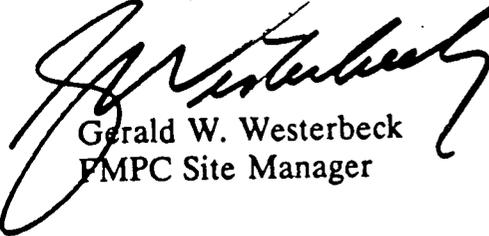
A groundwater study conducted by an independent consultant for the FMPC determined that background concentrations of naturally-occurring uranium in the groundwater for this area range from less than 0.1 ppb to 2.7 ppb (0.0001 to 0.0027 mg/L or 0.068 to 2.0 pCi/L). Also, a U. S. Geological Survey study (J.D. Hem, 1970, Geological Survey Water-Supply Paper 1473) reported a range of uranium concentration of less than 0.1 ppb to 10 ppb (0.0001 to 0.010 mg/L or 0.068 to 6.8 pCi/L) in most natural water within the United States. The uranium concentration in your sample is within the range expected for naturally-occurring background uranium in this area.

Miami Valley Ready Mix

-2-

If you have any questions regarding the result reported to you in this letter or of any aspect of our environmental program, please contact Bobby Davis by phone (738-6156) at your convenience.

Sincerely,



Gerald W. Westerbeck  
FMPC Site Manager

DP-84:Davis



Department of Energy  
 FMPC Site Office  
 P.O. Box 398705  
 Cincinnati, Ohio 45239-8705  
 (513) 738-6319

1304

FEB 22 1991  
 DOE-671-91

Ruetgers Nease, Inc.  
 Attn: Noah Pope  
 10740 Paddy's Run Rd.  
 Harrison, Oh. 45030

Dear Mr. Pope:

The Feed Materials Production Center (FMPC), in cooperation with the Ohio Environmental Protection Agency and the Department of Health, has been collecting water samples from your well and others in the area as part of our continuing environmental monitoring program. These samples are analyzed for uranium concentration in order to assess any possible effects of FMPC operations on groundwater quality.

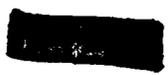
The purpose of this letter is to provide you with an update on the results of our sampling. The laboratory result from the month of December 1990 is expressed below in parts of uranium per billion parts of water (ppb), followed by milligrams of uranium per liter of water (mg/L) and finally by picocuries of uranium per liter of water (pCi/L). Picocuries per liter are the units used to express groundwater data in the Environmental Monitoring Annual Report.

<u>Sampling Date</u>	<u>Uranium Concentration</u>		
	<u>(ppb)</u>	<u>(mg/L)</u>	<u>(pCi/L)</u>
December 26, 1990	0.2	0.0002	0.14

A groundwater study conducted by an independent consultant for the FMPC determined that background concentrations of naturally-occurring uranium in the groundwater for this area range from less than 0.1 ppb to 2.7 ppb (0.0001 to 0.0027 mg/L or 0.068 to 2.0 pCi/L). Also, a U. S. Geological Survey study (J.D. Hem, 1970, Geological Survey Water-Supply Paper 1473) reported a range of uranium concentration of less than 0.1 ppb to 10 ppb (0.0001 to 0.010 mg/L or 0.068 to 6.8 pCi/L) in most natural water within the United States. The uranium concentration in your sample is within the range expected for naturally-occurring background uranium in this area.

Mr. N. Pope

-2-



If you have any questions regarding the result reported to you in this letter or of any aspect of our environmental program, please contact Bobby Davis by phone (738-6156) at your convenience.

Sincerely,

A large, stylized handwritten signature in black ink, appearing to read "G. Westerbeck".

Gerald W. Westerbeck  
FMPC Site Manager

DP-84:Davis





Department of Energy  
 FMPC Site Office  
 P.O. Box 398705  
 Cincinnati, Ohio 45239-8705  
 (513) 738-6319

1304 —

FEB 22 1991  
 DOE-671-91

Mr. A. J. Nieman  
 [Redacted]

Dear Mr. Nieman:

The Feed Materials Production Center (FMPC), in cooperation with the Ohio Environmental Protection Agency and the Department of Health, has been collecting water samples from your well and others in the area as part of our continuing environmental monitoring program. These samples are analyzed for uranium concentration in order to assess any possible effects of FMPC operations on groundwater quality.

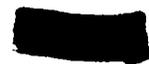
The purpose of this letter is to provide you with an update on the results of our sampling. The laboratory result from the month of December 1990 is expressed below in parts of uranium per billion parts of water (ppb), followed by milligrams of uranium per liter of water (mg/L) and finally by picocuries of uranium per liter of water (pCi/L). Picocuries per liter are the units used to express groundwater data in the Environmental Monitoring Annual Report.

<u>Sampling Date</u>	<u>Uranium Concentration</u>		
	(ppb)	(mg/L)	(pCi/L)
December 26, 1990	1.8	0.0018	1.21

A groundwater study conducted by an independent consultant for the FMPC determined that background concentrations of naturally-occurring uranium in the groundwater for this area range from less than 0.1 ppb to 2.7 ppb (0.0001 to 0.0027 mg/L or 0.068 to 2.0 pCi/L). Also, a U. S. Geological Survey study (J.D. Hem, 1970, Geological Survey Water-Supply Paper 1473) reported a range of uranium concentration of less than 0.1 ppb to 10 ppb (0.0001 to 0.010 mg/L or 0.068 to 6.8 pCi/L) in most natural water within the United States. The uranium concentration in your sample is within the range expected for naturally-occurring background uranium in this area.

Mr. A. Nieman

-2-



If you have any questions regarding the result reported to you in this letter or of any aspect of our environmental program, please contact Bobby Davis by phone (738-6156) at your convenience.

Sincerely,

A handwritten signature in cursive script, appearing to read "G. Westerbeck".

Gerald W. Westerbeck  
EMPC Site Manager

DP-84:Davis

