G-000-1012.63

5324

RESULTS OF THE WATER SAMPLING OF WELLS (38 INDIVIDUAL LETTERS)

12/22/93

DOE-0329-94
DOE-FN/CITIZENS
85
LETTERS

- 5324

Department of Energy
Fernald Environmental Management Project
P.O. Box 398705
Cincinnati, Ohio 45239-8705
(513) 738-6357

DEC 22 1993
DOE-0329-94

Best Panel Homes
ATTN: Manager
11301 Paddy's Run Road
Hamilton, Ohio 45013

Dear Sir:

The purpose of this letter is to provide you with the results of the water sampling of your wells conducted by Fernald Environmental Restoration Management Corporation (FERMCO). Your wells were sampled for total metals as part of our continuing Environmental Monitoring Program in July 1992 and 1993. The attachments provide results from the 1992 and 1993 total metal analyses, expressed in milligrams of a particular element per liter of water (mg/L). The established standards are also provided, where applicable.

The data do not indicate any unusual results. All of the results are within the recommended primary drinking water guidelines established by the Department of Energy (DOE) and the U.S. Environmental Protection Agency (USEPA). Iron and manganese exceed the secondary drinking water standards. However, this is not uncommon as secondary standards were established by the EPA to address aesthetic qualities of drinking water and do not impose any health risks. Environmental Monitoring will continue to provide you with the results from our monthly well water collection conducted on your well as part of the routine monitoring program.

If you have any questions regarding the results reported to you in this letter or on any aspect of our environmental program, please contact Wally Quaider by phone (648-3137) at your convenience.

Sincerely,

Gary Stegner
for Kenneth L. Morgan, Director
Public Information

FN:Quaider
Enclosure: As stated

0.01

Recycled and Recyclable

Best Panel Homes ATTACHMENT

TYPE OF METAL	CONCENTRATION (mg/L) 1992	CONCENTRATION (mg/L) 1993	STANDARD
Arsenic	<0.010	<0.010	0.050[a]
Barium	<0.200	<0.200	2.000[b]
Cadmium	<0.005	<0.005	0.005[b]
Calcium	120.000	123.500	N/A[e]
Chromium	<0.010	<0.010	0.100[b]
Copper	<0.025	<0.025	1.300[c]
Iron	3.300	3.974	0.300[d]
Lead	<0.003	<0.003	0.015[c]
Magnesium	29.000	32.620	N/A[e]
Manganese	0.280	0.291	0.050[d]
Nickel	<0.040	<0.040	N/A[e]
Potassium	<5.000	<5.000	N/A[e]
Selenium	<0.005	<0.005	0.050[b]
Silver	<0.010	<0.010	0.100[d]
Sodium	12.000	14.500	N/A[e]
Zinc	0.035	<0.020	5.000[d]

a. Code of Federal Regulations, Title 40, Part 141, National Primary Drinking Water Regulations - Subpart B - Maximum Contamination Levels, July 1, 1992.

b. Code of Federal Regulations, Title 40, Part 141, National Primary Drinking Water Regulations - Subpart G - National Revised Primary Drinking Water Regulations: Maximum Contamination Levels, July 1, 1992.

c. Code of Federal Regulations, Title 40, Part 141, National Primary Drinking Water Regulations - Subpart I - Control of Lead and Copper, July 1, 1992.

d. Code of Federal Regulations, Title 40, Part 143, National Secondary Drinking Water Regulations, July 1, 1992. These regulations establish guidelines for the aesthetic qualities relating to the public acceptance of drinking water.

e. N/A: Not Applicable; No DOE or USEPA standards have been established for calcium, magnesium, nickel, potassium, and sodium.

<: The "less than" symbol (<) indicates that the laboratory was unable to detect this particular metal in your water. The number following this symbol represents the lowest concentration the laboratory is able to detect; i.e., <0.04 means the laboratory can only detect as low as 0.04 mg/L and your water sample may contain 0.0 to 0.04 mg/L of that metal.

Best Panel Homes

ATTACHMENT
11301 Paddy's Run Road

(HOUSE NEXT TO BPH
TENANT: Brian Horn
Stephanie Spade)

TYPE OF METAL	CONCENTRATION (mg/L) 1992	CONCENTRATION (mg/L) 1993	STANDARD
Arsenic	<0.010	<0.010	0.050[a]
Barium	<0.200	<0.200	2.000[b]
Cadmium	<0.005	<0.005	0.005[b]
Calcium	48.000	86.020	N/A[e]
Chromium	<0.010	<0.010	0.100[b]
Copper	<0.025	0.027	1.300[c]
Iron	<0.100	<0.100	0.300[d]
Lead	<0.003	<0.003	0.015[c]
Magnesium	12.000	23.870	N/A[e]
Manganese	<0.015	<0.015	0.050[d]
Nickel	<0.040	<0.040	N/A[e]
Potassium	<5.000	<5.000	N/A[e]
Selenium	<0.005	<0.005	0.050[b]
Silver	<0.010	<0.010	0.100[d]
Sodium	7.200	14.390	N/A[e]
Zinc	0.057	<0.020	5.000[d]

a. Code of Federal Regulations, Title 40, Part 141, National Primary Drinking Water Regulations - Subpart B - Maximum Contamination Levels, July 1, 1992.

b. Code of Federal Regulations, Title 40, Part 141, National Primary Drinking Water Regulations - Subpart G - National Revised Primary Drinking Water Regulations: Maximum Contamination Levels, July 1, 1992.

c. Code of Federal Regulations, Title 40, Part 141, National Primary Drinking Water Regulations - Subpart I - Control of Lead and Copper, July 1, 1992.

d. Code of Federal Regulations, Title 40, Part 143, National Secondary Drinking Water Regulations, July 1, 1992. These regulations establish guidelines for the aesthetic qualities relating to the public acceptance of drinking water.

e. N/A: Not Applicable; No DOE or USEPA standards have been established for calcium, magnesium, nickel, potassium, and sodium.

<: The "less than" symbol (<) indicates that the laboratory was unable to detect this particular metal in your water. The number following this symbol represents the lowest concentration the laboratory is able to detect; i.e., <0.04 means the laboratory can only detect as low as 0.04 mg/L and your water sample may contain 0.0 to 0.04 mg/L of that metal.

- 5324

Department of Energy
Fernald Environmental Management Project
P.O. Box 398705
Cincinnati, Ohio 45239-8705
(513) 738-6357

DEC 22 1993
DOE-0329-94

Clayton Burton
[redacted]

Dear Mr. Burton:

The purpose of this letter is to provide you with the results of the water sampling of your well conducted by Fernald Environmental Restoration Management Corporation (FERMCO). Your well was sampled for total metals as part of our continuing Environmental Monitoring Program in July 1992 and 1993. The attachment provides results from the 1992 and 1993 total metal analyses, expressed in milligrams of a particular element per liter of water (mg/L). The established standards are also provided, where applicable.

The data do not indicate any unusual results. All of the results are within the recommended primary drinking water standards established by the Department of Energy (DOE) and the U.S. Environmental Protection Agency (USEPA). The iron and manganese levels in your water sample exceed the secondary drinking water standards. However, this is not uncommon as secondary standards were established by the EPA to address aesthetic qualities of drinking water and do not impose any health risks. Environmental Monitoring will continue to provide you with the results from our monthly well water collection conducted on your well as part of the routine monitoring program.

If you have any questions regarding the results reported to you in this letter or on any aspect of our environmental program, please contact Wally Quaider by phone (648-3137) at your convenience.

Sincerely,

for Gary Stegner

Kenneth L. Morgan, Director
Public Information

FN:QUAIDER
Enclosure: As stated

0 04

Recycled and Recyclable

C. Burton

ATTACHMENT

TYPE OF METAL	CONCENTRATION (mg/L) 1992	CONCENTRATION (mg/L) 1993	STANDARD
Arsenic	<0.010	<0.010	0.050[a]
Barium	<0.200	<0.200	2.000[b]
Cadmium	<0.005	<0.005	0.005[b]
Calcium	100.000	90.620	N/A[e]
Chromium	<0.010	<0.010	0.100[b]
Copper	<0.025	<0.025	1.300[c]
Iron	3.000	1.987	0.300[d]
Lead	<0.003	0.025	0.015[c]
Magnesium	26.000	25.230	N/A[e]
Manganese	0.240	0.195	0.050[d]
Nickel	<0.040	<0.040	N/A[e]
Potassium	<5.000	<5.000	N/A[e]
Selenium	<0.005	<0.005	0.050[b]
Silver	<0.010	<0.010	0.100[d]
Sodium	8.000	9.664	N/A[e]
Zinc	0.027	0.020	5.000[d]

a. Code of Federal Regulations, Title 40, Part 141, National Primary Drinking Water Regulations - Subpart B - Maximum Contamination Levels, July 1, 1992.

b. Code of Federal Regulations, Title 40, Part 141, National Primary Drinking Water Regulations - Subpart G - National Revised Primary Drinking Water Regulations: Maximum Contamination Levels, July 1, 1992.

c. Code of Federal Regulations, Title 40, Part 141, National Primary Drinking Water Regulations - Subpart I - Control of Lead and Copper, July 1, 1992.

d. Code of Federal Regulations, Title 40, Part 143, National Secondary Drinking Water Regulations, July 1, 1992. These regulations establish guidelines for the aesthetic qualities relating to the public acceptance of drinking water.

e. N/A: Not Applicable; No DOE or USEPA standards have been established for calcium, magnesium, nickel, potassium, and sodium.

<: The "less than" symbol (<) indicates that the laboratory was unable to detect this particular metal in your water. The number following this symbol represents the lowest concentration the laboratory is able to detect; i.e., <0.04 means the laboratory can only detect as low as 0.04 mg/L and your water sample may contain 0.0 to 0.04 mg/L of that metal.

- 5324

Department of Energy
Fernald Environmental Management Project
P.O. Box 398705
Cincinnati, Ohio 45239-8705
(513) 738-6357

DEC 22 1993

DOE-0329-94

Donald Gieringer
[redacted]

Dear Mr. Gieringer:

The purpose of this letter is to provide you with the results of the water sampling of your well conducted by Fernald Environmental Restoration Management Corporation (FERMCO). Your well was sampled for total metals as part of our continuing Environmental Monitoring Program in July 1992 and 1993. The attachment provides results from the 1992 and 1993 total metal analyses, expressed in milligrams of a particular element per liter of water (mg/L). The established standards are also provided, where applicable.

The data do not indicate any unusual results. All of the results are within the recommended primary drinking water standards established by the Department of Energy (DOE) and the U.S. Environmental Protection Agency (USEPA). The iron and manganese levels in your water sample exceed the secondary drinking water standards. However, this is not uncommon as secondary standards were established by the EPA to address aesthetic qualities of drinking water and do not impose any health risks. Environmental Monitoring will continue to provide you with the results from our monthly well water collection conducted on your well as part of the routine monitoring program.

If you have any questions regarding the results reported to you in this letter or on any aspect of our environmental program, please contact Wally Quaider by phone (648-3137) at your convenience.

Sincerely,

for Kenneth L. Morgan, Director
Public Information

FN:QUAIDER
Enclosure: As stated

0 06

Recycled and Recyclable

TYPE OF METAL	CONCENTRATION (mg/L) 1992	CONCENTRATION (mg/L) 1993	STANDARD
Arsenic	<0.010	<0.010	0.050[a]
Barium	<0.200	<0.200	2.000[b]
Cadmium	<0.005	<0.005	0.005[b]
Calcium	96.000	87.760	N/A[e]
Chromium	<0.010	<0.010	0.100[b]
Copper	<0.025	<0.025	1.300[c]
Iron	0.580	<0.100	0.300[d]
Lead	<0.003	0.020	0.015[c]
Magnesium	24.000	23.060	N/A[e]
Manganese	0.110	0.049	0.050[d]
Nickel	<0.040	<0.040	N/A[e]
Potassium	<5.000	<5.000	N/A[e]
Selenium	<0.005	<0.005	0.050[b]
Silver	<0.010	<0.010	0.100[d]
Sodium	15.000	17.210	N/A[e]
Zinc	0.022	0.024	5.000[d]

a. Code of Federal Regulations, Title 40, Part 141, National Primary Drinking Water Regulations - Subpart B - Maximum Contamination Levels, July 1, 1992.

b. Code of Federal Regulations, Title 40, Part 141, National Primary Drinking Water Regulations - Subpart G - National Revised Primary Drinking Water Regulations: Maximum Contamination Levels, July 1, 1992.

c. Code of Federal Regulations, Title 40, Part 141, National Primary Drinking Water Regulations - Subpart I - Control of Lead and Copper, July 1, 1992.

d. Code of Federal Regulations, Title 40, Part 143, National Secondary Drinking Water Regulations, July 1, 1992. These regulations establish guidelines for the aesthetic qualities relating to the public acceptance of drinking water.

e. N/A: Not Applicable; No DOE or USEPA standards have been established for calcium, magnesium, nickel, potassium, and sodium.

<: The "less than" symbol (<) indicates that the laboratory was unable to detect this particular metal in your water. The number following this symbol represents the lowest concentration the laboratory is able to detect; i.e., <0.04 means the laboratory can only detect as low as 0.04 mg/L and your water sample may contain 0.0 to 0.04 mg/L of that metal.

- 5324

Department of Energy
Fernald Environmental Management Project
P.O. Box 398705
Cincinnati, Ohio 45239-8705
(513) 738-6357

DEC 22 1993
DOE-0329-94

Frank Lienesch
[redacted]

Dear Mr. Lienesch:

The purpose of this letter is to provide you with the results of the water sampling of your well conducted by Fernald Environmental Restoration Management Corporation (FERMCO). Your well was sampled for total metals as part of our continuing Environmental Monitoring Program in July 1992 and 1993. The attachment provides results from the 1992 and 1993 total metal analyses, expressed in milligrams of a particular element per liter of water (mg/L). The established standards are also provided, where applicable.

The data do not indicate any unusual results. All of the results are within the recommended primary and secondary drinking water standards established by the Department of Energy (DOE) and the U.S. Environmental Protection Agency (USEPA). Environmental Monitoring will continue to provide you with the results from our monthly well water collection conducted on your well as part of the routine monitoring program.

If you have any questions regarding the results reported to you in this letter or on any aspect of our environmental program, please contact Wally Quaider by phone (648-3137) at your convenience.

Sincerely,

for Gary Stegner
Kenneth L. Morgan, Director
Public Information

FN:QUAIDER

Enclosure: As stated

0 08

Recycled and Recyclable

F. Liguesch

ATTACHMENT

TYPE OF METAL	CONCENTRATION (mg/L) 1992	CONCENTRATION (mg/L) 1993	STANDARD
Arsenic	<0.010	<0.010	0.050[a]
Barium	<0.200	<0.200	2.000[b]
Cadmium	<0.005	<0.005	0.005[b]
Calcium	93.000	97.580	N/A[e]
Chromium	<0.010	<0.010	0.100[b]
Copper	<0.025	0.081	1.300[c]
Iron	<0.100	<0.100	0.300[d]
Lead	<0.003	<0.003	0.015[c]
Magnesium	25.000	25.890	N/A[e]
Manganese	<0.015	<0.015	0.050[d]
Nickel	<0.040	<0.040	N/A[e]
Potassium	<5.000	<5.000	N/A[e]
Selenium	<0.005	<0.005	0.050[b]
Silver	<0.010	<0.010	0.100[d]
Sodium	14.000	13.730	N/A[e]
Zinc	0.032	<0.020	5.000[d]

a. Code of Federal Regulations, Title 40, Part 141, National Primary Drinking Water Regulations - Subpart B - Maximum Contamination Levels, July 1, 1992.

b. Code of Federal Regulations, Title 40, Part 141, National Primary Drinking Water Regulations - Subpart G - National Revised Primary Drinking Water Regulations: Maximum Contamination Levels, July 1, 1992.

c. Code of Federal Regulations, Title 40, Part 141, National Primary Drinking Water Regulations - Subpart I - Control of Lead and Copper, July 1, 1992.

d. Code of Federal Regulations, Title 40, Part 143, National Secondary Drinking Water Regulations, July 1, 1992. These regulations establish guidelines for the aesthetic qualities relating to the public acceptance of drinking water.

e. N/A: Not Applicable; No DOE or USEPA standards have been established for calcium, magnesium, nickel, potassium, and sodium.

<: The "less than" symbol (<) indicates that the laboratory was unable to detect this particular metal in your water. The number following this symbol represents the lowest concentration the laboratory is able to detect; i.e., <0.04 means the laboratory can only detect as low as 0.04 mg/L and your water sample may contain 0.0 to 0.04 mg/L of that metal.

5824

Department of Energy
Fernald Environmental Management Project
P.O. Box 398705
Cincinnati, Ohio 45239-8705
(513) 738-6357

DEC 22 1993
DOE-0329-94

Maggie Merritt
[redacted]

Dear Ms. Merritt:

The purpose of this letter is to provide you with the results of the water sampling of your well conducted by Fernald Environmental Restoration Management Corporation (FERMCO). Your well was sampled for total metals as part of our continuing Environmental Monitoring Program in July 1992 and 1993. The attachment provides results from the 1992 and 1993 total metal analyses, expressed in milligrams of a particular element per liter of water (mg/L). The established standards are also provided, where applicable.

The data do not indicate any unusual results. All of the results are within the recommended primary drinking water standards established by the Department of Energy (DOE) and the U.S. Environmental Protection Agency (USEPA). The iron and manganese levels in your water sample exceed the secondary drinking water standards. However, this is not uncommon as secondary standards were established by the EPA to address aesthetic qualities of drinking water and do not impose any health risks. Environmental Monitoring will continue to provide you with the results from our monthly well water collection conducted on your well as part of the routine monitoring program.

If you have any questions regarding the results reported to you in this letter or on any aspect of our environmental program, please contact Wally Quaider by phone (648-3137) at your convenience.

Sincerely,

for Kenneth L. Morgan, Director
Public Information

FN:QUAIDER
Enclosure: As stated

0 10

Recycled and Recyclable

TYPE OF METAL	CONCENTRATION (mg/L) 1992	CONCENTRATION (mg/L) 1993	STANDARD
Arsenic	<0.010	<0.010	0.050[a]
Barium	<0.200	<0.200	2.000[b]
Cadmium	<0.005	<0.005	0.005[b]
Calcium	110.000	111.300	N/A[e]
Chromium	<0.010	<0.010	0.100[b]
Copper	0.031	<0.025	1.300[c]
Iron	2.200	2.182	0.300[d]
Lead	0.0072	0.0148	0.015[c]
Magnesium	29.000	31.320	N/A[e]
Manganese	0.280	0.327	0.050[d]
Nickel	<0.040	<0.040	N/A[e]
Potassium	<5.000	<5.000	N/A[e]
Selenium	<0.005	<0.005	0.050[b]
Silver	<0.010	<0.010	0.100[d]
Sodium	41.000	58.510	N/A[e]
Zinc	0.039	0.103	5.000[d]

a. Code of Federal Regulations, Title 40, Part 141, National Primary Drinking Water Regulations - Subpart B - Maximum Contamination Levels, July 1, 1992.

b. Code of Federal Regulations, Title 40, Part 141, National Primary Drinking Water Regulations - Subpart G - National Revised Primary Drinking Water Regulations: Maximum Contamination Levels, July 1, 1992.

c. Code of Federal Regulations, Title 40, Part 141, National Primary Drinking Water Regulations - Subpart I - Control of Lead and Copper, July 1, 1992.

d. Code of Federal Regulations, Title 40, Part 143, National Secondary Drinking Water Regulations, July 1, 1992. These regulations establish guidelines for the aesthetic qualities relating to the public acceptance of drinking water.

e. N/A: Not Applicable; No DOE or USEPA standards have been established for calcium, magnesium, nickel, potassium, and sodium.

<: The "less than" symbol (<) indicates that the laboratory was unable to detect this particular metal in your water. The number following this symbol represents the lowest concentration the laboratory is able to detect; i.e., <0.04 means the laboratory can only detect as low as 0.04 mg/L and your water sample may contain 0.0 to 0.04 mg/L of that metal.

- 5324

Department of Energy
Fernald Environmental Management Project
P.O. Box 398705
Cincinnati, Ohio 45239-8705
(513) 738-6357

DEC 22 1993
DOE-0329-94

Ann Harrigan
[redacted]

Dear Ms. Harrigan:

The purpose of this letter is to provide you with the results of the water sampling of your well conducted by Fernald Environmental Restoration Management Corporation (FERMCO). Your well was sampled for total metals as part of our continuing Environmental Monitoring Program in July 1992 and 1993. The attachment provides results from the 1992 and 1993 total metal analyses, expressed in milligrams of a particular element per liter of water (mg/L). The established standards are also provided, where applicable.

The data do not indicate any unusual results. All of the results are within the recommended primary drinking water standards established by the Department of Energy (DOE) and the U.S. Environmental Protection Agency (USEPA). The iron and manganese levels in your water sample exceed the secondary drinking water standards. However, this is not uncommon as secondary standards were established by the EPA to address aesthetic qualities of drinking water and do not impose any health risks. Environmental Monitoring will continue to provide you with the results from our monthly well water collection conducted on your well as part of the routine monitoring program.

If you have any questions regarding the results reported to you in this letter or on any aspect of our environmental program, please contact Wally Quaider by phone (648-3137) at your convenience.

Sincerely,

for Gary Stegner
Kenneth L. Morgan, Director
Public Information

FN:QUAIDER
Enclosure: As stated

0 12

Recycled and Recyclable

A. Harrigan ATTACHMENT

TYPE OF METAL	CONCENTRATION (mg/L) 1992	CONCENTRATION (mg/L) 1993	STANDARD
Arsenic	<0.010	<0.010	0.050[a]
Barium	<0.200	<0.200	2.000[b]
Cadmium	<0.005	<0.005	0.005[b]
Calcium	110.000	111.300	N/A[e]
Chromium	<0.010	<0.010	0.100[b]
Copper	0.031	<0.025	1.300[c]
Iron	2.200	2.182	0.300[d]
Lead	0.0072	0.0148	0.015[c]
Magnesium	29.000	31.320	N/A[e]
Manganese	0.280	0.327	0.050[d]
Nickel	<0.040	<0.040	N/A[e]
Potassium	<5.000	<5.000	N/A[e]
Selenium	<0.005	<0.005	0.050[b]
Silver	<0.010	<0.010	0.100[d]
Sodium	41.000	58.510	N/A[e]
Zinc	0.039	0.103	5.000[d]

a. Code of Federal Regulations, Title 40, Part 141, National Primary Drinking Water Regulations - Subpart B - Maximum Contamination Levels, July 1, 1992.

b. Code of Federal Regulations, Title 40, Part 141, National Primary Drinking Water Regulations - Subpart G - National Revised Primary Drinking Water Regulations: Maximum Contamination Levels, July 1, 1992.

c. Code of Federal Regulations, Title 40, Part 141, National Primary Drinking Water Regulations - Subpart I - Control of Lead and Copper, July 1, 1992.

d. Code of Federal Regulations, Title 40, Part 143, National Secondary Drinking Water Regulations, July 1, 1992. These regulations establish guidelines for the aesthetic qualities relating to the public acceptance of drinking water.

e. N/A: Not Applicable; No DOE or USEPA standards have been established for calcium, magnesium, nickel, potassium, and sodium.

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Department of Energy
Fernald Environmental Management Project
P.O. Box 398705
Cincinnati, Ohio 45239-8705
(513) 738-6357

DEC 22 1993
DOE-0329-94

Stanley Henshaw
[redacted]

Dear Dr. Henshaw:

The purpose of this letter is to provide you with the results of the water sampling of your well conducted by Fernald Environmental Restoration Management Corporation (FERMCO). Your well at [redacted] was sampled for total metals as part of our continuing Environmental Monitoring Program in July 1992 and 1993. The attachment provides results from the 1992 and 1993 total metal analyses, expressed in milligrams of a particular element per liter of water (mg/L). The established standards are also provided, where applicable.

The data do not indicate any unusual results. All of the results are within the recommended primary drinking water standards established by the Department of Energy (DOE) and the U.S. Environmental Protection Agency (USEPA). The iron level in your water sample exceeds the secondary drinking water standards. However, this is not uncommon as secondary standards were established by the EPA to address aesthetic qualities of drinking water and do not impose any health risks. Environmental Monitoring will continue to provide you with the results from our monthly well water collection conducted on your well as part of the routine monitoring program.

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Sincerely,

for Gary Stegner
Kenneth L. Morgan, Director
Public Information

FN:Quaider
Enclosure: As stated

Recycled and Recyclable

ATTACHMENT

TYPE OF METAL	CONCENTRATION (mg/L) 1992	CONCENTRATION (mg/L) 1993	STANDARD
Arsenic	0.017	0.018	0.050[a]
Barium	0.340	0.418	2.000[b]
Cadmium	<0.005	<0.005	0.005[b]
Calcium	75.000	79.820	N/A[e]
Chromium	<0.010	<0.010	0.100[b]
Copper	<0.025	<0.025	1.300[c]
Iron	3.400	3.601	0.300[d]
Lead	<0.003	0.005	0.015[c]
Magnesium	22.000	24.950	N/A[e]
Manganese	0.023	0.019	0.050[d]
Nickel	<0.040	<0.040	N/A[e]
Potassium	<5.000	<5.000	N/A[e]
Selenium	<0.005	<0.005	0.050[b]
Silver	<0.010	<0.010	0.100[d]
Sodium	16.000	20.310	N/A[e]
Zinc	0.027	0.026	5.000[d]

a. Code of Federal Regulations, Title 40, Part 141, National Primary Drinking Water Regulations - Subpart B - Maximum Contamination Levels, July 1, 1992.

b. Code of Federal Regulations, Title 40, Part 141, National Primary Drinking Water Regulations - Subpart G - National Revised Primary Drinking Water Regulations: Maximum Contamination Levels, July 1, 1992.

c. Code of Federal Regulations, Title 40, Part 141, National Primary Drinking Water Regulations - Subpart I - Control of Lead and Copper, July 1, 1992.

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e. N/A: Not Applicable; No DOE or USEPA standards have been established for calcium, magnesium, nickel, potassium, and sodium.

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Department of Energy
Fernald Environmental Management Project
P.O. Box 398705
Cincinnati, Ohio 45239-8705
(513) 738-6357

- 5324

DEC 22 1993
DOE-0329-94

Edgar Henshaw
[redacted]

Dear Dr. Henshaw:

The purpose of this letter is to provide you with the results of the water sampling of your well conducted by Fernald Environmental Restoration Management Corporation (FERMCO). Your well at [redacted] was sampled for total metals as part of our continuing Environmental Monitoring Program in July 1992 and 1993. The attachment provides results from the 1992 and 1993 total metal analyses, expressed in milligrams of a particular element per liter of water (mg/L). The established standards are also provided, where applicable.

The data do not indicate any unusual results. All of the results are within the recommended primary drinking water standards established by the Department of Energy (DOE) and the U.S. Environmental Protection Agency (USEPA). The iron level in your water sample exceeds the secondary drinking water standards. However, this is not uncommon as secondary standards were established by the EPA to address aesthetic qualities of drinking water and do not impose any health risks. Environmental Monitoring will continue to provide you with the results from our monthly well water collection conducted on your well as part of the routine monitoring program.

If you have any questions regarding the results reported to you in this letter or on any aspect of our environmental program, please contact Wally Quaider by phone (648-3137) at your convenience.

Sincerely,

for Gary Stegner

Kenneth L. Morgan, Director
Public Information

FN:Quaider
Enclosure: As stated

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Recycled and Recyclable

TYPE OF METAL	CONCENTRATION (mg/L) 1992	CONCENTRATION (mg/L) 1993	STANDARD
Arsenic	0.017	0.018	0.050[a]
Barium	0.340	0.418	2.000[b]
Cadmium	<0.005	<0.005	0.005[b]
Calcium	75.000	79.820	N/A[e]
Chromium	<0.010	<0.010	0.100[b]
Copper	<0.025	<0.025	1.300[c]
Iron	3.400	3.601	0.300[d]
Lead	<0.003	0.005	0.015[c]
Magnesium	22.000	24.950	N/A[e]
Manganese	0.023	0.019	0.050[d]
Nickel	<0.040	<0.040	N/A[e]
Potassium	<5.000	<5.000	N/A[e]
Selenium	<0.005	<0.005	0.050[b]
Silver	<0.010	<0.010	0.100[d]
Sodium	16.000	20.310	N/A[e]
Zinc	0.027	0.026	5.000[d]

a. Code of Federal Regulations, Title 40, Part 141, National Primary Drinking Water Regulations - Subpart B - Maximum Contamination Levels, July 1, 1992.

b. Code of Federal Regulations, Title 40, Part 141, National Primary Drinking Water Regulations - Subpart G - National Revised Primary Drinking Water Regulations: Maximum Contamination Levels, July 1, 1992.

c. Code of Federal Regulations, Title 40, Part 141, National Primary Drinking Water Regulations - Subpart I - Control of Lead and Copper, July 1, 1992.

d. Code of Federal Regulations, Title 40, Part 143, National Secondary Drinking Water Regulations, July 1, 1992. These regulations establish guidelines for the aesthetic qualities relating to the public acceptance of drinking water.

e. N/A: Not Applicable; No DOE or USEPA standards have been established for calcium, magnesium, nickel, potassium, and sodium.

<: The "less than" symbol (<) indicates that the laboratory was unable to detect this particular metal in your water. The number following this symbol represents the lowest concentration the laboratory is able to detect; i.e., <0.04 means the laboratory can only detect as low as 0.04 mg/L and your water sample may contain 0.0 to 0.04 mg/L of that metal.

Department of Energy
Fernald Environmental Management Project
P.O. Box 398705
Cincinnati, Ohio 45239-8705
(513) 738-6357

DEC 22 1993
DOE-0329-94

Thomas Pottenger
[redacted]

Dear Mr. Pottenger:

The purpose of this letter is to provide you with the results of the water sampling of your well conducted by Fernald Environmental Restoration Management Corporation (FERMCO). Your well at [redacted] was sampled for total metals as part of our continuing Environmental Monitoring Program in July 1992 and 1993. The attachment provides results from the 1992 and 1993 total metal analyses, expressed in milligrams of a particular element per liter of water (mg/L). The established standards are also provided, where applicable.

The data do not indicate any unusual results. All of the results are within the recommended primary and secondary drinking water standards established by the Department of Energy (DOE) and the U.S. Environmental Protection Agency (USEPA). Environmental Monitoring will continue to provide you with the results from our monthly well water collection conducted on your well as part of the routine monitoring program.

If you have any questions regarding the results reported to you in this letter or on any aspect of our environmental program, please contact Wally Quaider by phone (648-3137) at your convenience.

Sincerely,

for Kenneth L. Morgan, Director
Public Information

FN:Quaider

Enclosure: As stated

Recycled and Recyclable

TYPE OF METAL	CONCENTRATION (mg/L) 1992	CONCENTRATION (mg/L) 1993	STANDARD
Arsenic	<0.010	<0.010	0.050[a]
Barium	<0.200	<0.200	2.000[b]
Cadmium	<0.005	<0.005	0.005[b]
Calcium	120.000	115.700	N/A[e]
Chromium	<0.010	<0.010	0.100[b]
Copper	<0.025	<0.025	1.300[c]
Iron	<0.100	<0.100	0.300[d]
Lead	0.005	<0.003	0.015[c]
Magnesium	30.000	32.390	N/A[e]
Manganese	<0.015	<0.015	0.050[d]
Nickel	<0.040	<0.040	N/A[e]
Potassium	<5.000	<5.000	N/A[e]
Selenium	<0.005	<0.005	0.050[b]
Silver	<0.010	<0.010	0.100[d]
Sodium	12.000	33.370	N/A[e]
Zinc	0.021	<0.020	5.000[d]

a. Code of Federal Regulations, Title 40, Part 141, National Primary Drinking Water Regulations - Subpart B - Maximum Contamination Levels, July 1, 1992.

b. Code of Federal Regulations, Title 40, Part 141, National Primary Drinking Water Regulations - Subpart G - National Revised Primary Drinking Water Regulations: Maximum Contamination Levels, July 1, 1992.

c. Code of Federal Regulations, Title 40, Part 141, National Primary Drinking Water Regulations - Subpart I - Control of Lead and Copper, July 1, 1992.

d. Code of Federal Regulations, Title 40, Part 143, National Secondary Drinking Water Regulations, July 1, 1992. These regulations establish guidelines for the aesthetic qualities relating to the public acceptance of drinking water.

e. N/A: Not Applicable; No DOE or USEPA standards have been established for calcium, magnesium, nickel, potassium, and sodium.

<: The "less than" symbol (<) indicates that the laboratory was unable to detect this particular metal in your water. The number following this symbol represents the lowest concentration the laboratory is able to detect; i.e., <0.04 means the laboratory can only detect as low as 0.04 mg/L and your water sample may contain 0.0 to 0.04 mg/L of that metal.

Department of Energy
Fernald Environmental Management Project
P.O. Box 398705
Cincinnati, Ohio 45239-8705
(513) 738-6357

DEC 22 1993
DOE-0329-94

Joseph Shoemaker
[redacted]

Dear Mr. Shoemaker:

The purpose of this letter is to provide you with the results of the water sampling of your well conducted by Fernald Environmental Restoration Management Corporation (FERMCO). The well at [redacted] was sampled for total metals as part of our continuing Environmental Monitoring Program in July 1992 and 1993. The attachment provides results from the 1992 and 1993 total metal analyses, expressed in milligrams of a particular element per liter of water (mg/L). The established standards are also provided, where applicable.

The data do not indicate any unusual results. All of the results are within the recommended primary and secondary drinking water standards established by the Department of Energy (DOE) and the U.S. Environmental Protection Agency (USEPA). Environmental Monitoring will continue to provide you with the results from our monthly well water collection conducted on your well as part of the routine monitoring program.

If you have any questions regarding the results reported to you in this letter or on any aspect of our environmental program, please contact Wally Quaider by phone (648-3137) at your convenience.

Sincerely,

for Kenneth L. Morgan, Director
Public Information

FN:Quaider

Enclosure: As stated

Recycled and Recyclable

J. Shoemaker ATTACHMENT

TYPE OF METAL	CONCENTRATION (mg/L) 1992	CONCENTRATION (mg/L) 1993	STANDARD
Arsenic	<0.010	<0.010	0.050[a]
Barium	<0.200	<0.200	2.000[b]
Cadmium	<0.005	<0.005	0.005[b]
Calcium	100.000	105.300	N/A[e]
Chromium	<0.010	<0.010	0.100[b]
Copper	<0.025	<0.025	1.300[c]
Iron	<0.100	<0.100	0.300[d]
Lead	<0.003	<0.003	0.015[c]
Magnesium	32.000	35.440	N/A[e]
Manganese	<0.015	<0.015	0.050[d]
Nickel	<0.040	<0.040	N/A[e]
Potassium	<5.000	<5.000	N/A[e]
Selenium	<0.005	<0.005	0.050[b]
Silver	<0.010	<0.010	0.100[d]
Sodium	30.000	36.610	N/A[e]
Zinc	0.051	<0.020	5.000[d]

a. Code of Federal Regulations, Title 40, Part 141, National Primary Drinking Water Regulations - Subpart B - Maximum Contamination Levels, July 1, 1992.

b. Code of Federal Regulations, Title 40, Part 141, National Primary Drinking Water Regulations - Subpart G - National Revised Primary Drinking Water Regulations: Maximum Contamination Levels, July 1, 1992.

c. Code of Federal Regulations, Title 40, Part 141, National Primary Drinking Water Regulations - Subpart I - Control of Lead and Copper, July 1, 1992.

d. Code of Federal Regulations, Title 40, Part 143, National Secondary Drinking Water Regulations, July 1, 1992. These regulations establish guidelines for the aesthetic qualities relating to the public acceptance of drinking water.

e. N/A: Not Applicable; No DOE or USEPA standards have been established for calcium, magnesium, nickel, potassium, and sodium.

<: The "less than" symbol (<) indicates that the laboratory was unable to detect this particular metal in your water. The number following this symbol represents the lowest concentration the laboratory is able to detect; i.e., <0.04 means the laboratory can only detect as low as 0.04 mg/L and your water sample may contain 0.0 to 0.04 mg/L of that metal.

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Department of Energy
Fernald Environmental Management Project
P.O. Box 398705
Cincinnati, Ohio 45239-8705
(513) 738-6357

DEC 22 1993
DOE-0329-94

Sue Verkamp
[redacted]

Dear Ms. Verkamp:

The purpose of this letter is to provide you with the results of the water sampling of your well conducted by Fernald Environmental Restoration Management Corporation (FERMCO). Your well was sampled for total metals as part of our continuing Environmental Monitoring Program in July 1993. The attachment provides results from the 1993 total metal analyses, expressed in milligrams of a particular element per liter of water (mg/L). The established standards are also provided, where applicable.

The data do not indicate any unusual results. All of the results are within the recommended primary drinking water standards established by the Department of Energy (DOE) and the U.S. Environmental Protection Agency (USEPA). The manganese level in your water sample exceeds the secondary drinking water standards. However, this is not uncommon as secondary standards were established by the EPA to address aesthetic qualities of drinking water and do not impose any health risks. Environmental Monitoring will continue to provide you with the results from our monthly well water collection conducted on your well as part of the routine monitoring program.

If you have any questions regarding the results reported to you in this letter or on any aspect of our environmental program, please contact Wally Quaider by phone (648-3137) at your convenience.

Sincerely,

for Kenneth L. Morgan, Director
Public Information

FN:Quaider
Enclosure: As stated

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Recycled and Recyclable

S. Verkamp ATTACHMENT

TYPE OF METAL	CONCENTRATION (mg/L) 1992	CONCENTRATION (mg/L) 1993	STANDARD
Arsenic	NS	<0.010	0.050[a]
Barium	NS	<0.200	2.000[b]
Cadmium	NS	<0.005	0.005[b]
Calcium	NS	104.600	N/A[e]
Chromium	NS	<0.010	0.100[b]
Copper	NS	0.034	1.300[c]
Iron	NS	1.924	0.300[d]
Lead	NS	<0.003	0.015[c]
Magnesium	NS	26.260	N/A[e]
Manganese	NS	0.133	0.050[d]
Nickel	NS	<0.040	N/A[e]
Potassium	NS	<5.000	N/A[e]
Selenium	NS	<0.005	0.050[b]
Silver	NS	<0.010	0.100[d]
Sodium	NS	5.613	N/A[e]
Zinc	NS	0.051	5.000[d]

a. Code of Federal Regulations, Title 40, Part 141, National Primary Drinking Water Regulations - Subpart B - Maximum Contamination Levels, July 1, 1992.

b. Code of Federal Regulations, Title 40, Part 141, National Primary Drinking Water Regulations - Subpart G - National Revised Primary Drinking Water Regulations: Maximum Contamination Levels, July 1, 1992.

c. Code of Federal Regulations, Title 40, Part 141, National Primary Drinking Water Regulations - Subpart I - Control of Lead and Copper, July 1, 1992.

d. Code of Federal Regulations, Title 40, Part 143, National Secondary Drinking Water Regulations, July 1, 1992. These regulations establish guidelines for the aesthetic qualities relating to the public acceptance of drinking water.

e. N/A: Not Applicable; No DOE or USEPA standards have been established for calcium, magnesium, nickel, potassium, and sodium.

<: The "less than" symbol (<) indicates that the laboratory was unable to detect this particular metal in your water. The number following this symbol represents the lowest concentration the laboratory is able to detect; i.e., <0.04 means the laboratory can only detect as low as 0.04 mg/L and your water sample may contain 0.0 to 0.04 mg/L of that metal.

'NS' indicates no sample collected.

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Department of Energy
Fernald Environmental Management Project
P.O. Box 398705
Cincinnati, Ohio 45239-8705
(513) 738-6357

DEC 22 1993

DOE-0329-94

Nancy Riggs
[redacted]

Dear Ms. Riggs:

The purpose of this letter is to provide you with the results of the water sampling of your well conducted by Fernald Environmental Restoration Management Corporation (FERMCO). Your well was sampled for total metals as part of our continuing Environmental Monitoring Program in July 1992 and 1993. The attachment provides results from the 1992 and 1993 total metal analyses, expressed in milligrams of a particular element per liter of water (mg/L). The established standards are also provided, where applicable.

The data do not indicate any unusual results. All of the results are within the recommended primary and secondary drinking water standards established by the Department of Energy (DOE) and the U.S. Environmental Protection Agency (USEPA). Environmental Monitoring will continue to provide you with the results from our monthly well water collection conducted on your well as part of the routine monitoring program.

If you have any questions regarding the results reported to you in this letter or on any aspect of our environmental program, please contact Wally Quaider by phone (648-3137) at your convenience.

Sincerely,

for Gary Stegner
Kenneth L. Morgan, Director
Public Information

FN:Quaider

Enclosure: As stated

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Recycled and Recyclable

N. Riggs

ATTACHMENT

TYPE OF METAL	CONCENTRATION (mg/L) 1992	CONCENTRATION (mg/L) 1993	STANDARD
Arsenic	<0.010	<0.010	0.050[a]
Barium	<0.200	<0.200	2.000[b]
Cadmium	<0.005	<0.005	0.005[b]
Calcium	120.000	115.700	N/A[e]
Chromium	<0.010	<0.010	0.100[b]
Copper	<0.025	<0.025	1.300[c]
Iron	<0.100	<0.100	0.300[d]
Lead	0.005	<0.003	0.015[c]
Magnesium	30.000	32.390	N/A[e]
Manganese	<0.015	<0.015	0.050[d]
Nickel	<0.040	<0.040	N/A[e]
Potassium	<5.000	<5.000	N/A[e]
Selenium	<0.005	<0.005	0.050[b]
Silver	<0.010	<0.010	0.100[d]
Sodium	12.000	33.370	N/A[e]
Zinc	0.021	<0.020	5.000[d]

a. Code of Federal Regulations, Title 40, Part 141, National Primary Drinking Water Regulations - Subpart B - Maximum Contamination Levels, July 1, 1992.

b. Code of Federal Regulations, Title 40, Part 141, National Primary Drinking Water Regulations - Subpart G - National Revised Primary Drinking Water Regulations: Maximum Contamination Levels, July 1, 1992.

c. Code of Federal Regulations, Title 40, Part 141, National Primary Drinking Water Regulations - Subpart I - Control of Lead and Copper, July 1, 1992.

d. Code of Federal Regulations, Title 40, Part 143, National Secondary Drinking Water Regulations, July 1, 1992. These regulations establish guidelines for the aesthetic qualities relating to the public acceptance of drinking water.

e. N/A: Not Applicable; No DOE or USEPA standards have been established for calcium, magnesium, nickel, potassium, and sodium.

<: The "less than" symbol (<) indicates that the laboratory was unable to detect this particular metal in your water. The number following this symbol represents the lowest concentration the laboratory is able to detect; i.e., <0.04 means the laboratory can only detect as low as 0.04 mg/L and your water sample may contain 0.0 to 0.04 mg/L of that metal.

- 5324

Department of Energy
Fernald Environmental Management Project
P.O. Box 398705
Cincinnati, Ohio 45239-8705
(513) 738-6357

DEC 22 1993

DOE-0329-94

Darlene Ramsey
[redacted]

Dear Ms. Ramsey:

The purpose of this letter is to provide you with the results of the water sampling of your well conducted by Fernald Environmental Restoration Management Corporation (FERMCO). Your well was sampled for total metals as part of our continuing Environmental Monitoring Program in July 1992 and 1993. The attachment provides results from the 1992 and 1993 total metal analyses, expressed in milligrams of a particular element per liter of water (mg/L). The established standards are also provided, where applicable.

The data do not indicate any unusual results. All of the results are within the recommended primary and secondary drinking water standards established by the Department of Energy (DOE) and the U.S. Environmental Protection Agency (USEPA). Environmental Monitoring will continue to provide you with the results from our monthly well water collection conducted on your well as part of the routine monitoring program.

If you have any questions regarding the results reported to you in this letter or on any aspect of our environmental program, please contact Wally Quaider by phone (648-3137) at your convenience.

Sincerely,

for Kenneth L. Morgan, Director
Public Information

FN:Quaider

Enclosure: As stated

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Recycled and Recyclable

D. Ramsey ATTACHMENT

TYPE OF METAL	CONCENTRATION (mg/L) 1992	CONCENTRATION (mg/L) 1993	STANDARD
Arsenic	<0.010	<0.010	0.050[a]
Barium	<0.200	<0.200	2.000[b]
Cadmium	<0.005	<0.005	0.005[b]
Calcium	120.000	115.700	N/A[e]
Chromium	<0.010	<0.010	0.100[b]
Copper	<0.025	<0.025	1.300[c]
Iron	<0.100	<0.100	0.300[d]
Lead	0.005	<0.003	0.015[c]
Magnesium	30.000	32.390	N/A[e]
Manganese	<0.015	<0.015	0.050[d]
Nickel	<0.040	<0.040	N/A[e]
Potassium	<5.000	<5.000	N/A[e]
Selenium	<0.005	<0.005	0.050[b]
Silver	<0.010	<0.010	0.100[d]
Sodium	12.000	33.370	N/A[e]
Zinc	0.021	<0.020	5.000[d]

a. Code of Federal Regulations, Title 40, Part 141, National Primary Drinking Water Regulations - Subpart B - Maximum Contamination Levels, July 1, 1992.

b. Code of Federal Regulations, Title 40, Part 141, National Primary Drinking Water Regulations - Subpart G - National Revised Primary Drinking Water Regulations: Maximum Contamination Levels, July 1, 1992.

c. Code of Federal Regulations, Title 40, Part 141, National Primary Drinking Water Regulations - Subpart I - Control of Lead and Copper, July 1, 1992.

d. Code of Federal Regulations, Title 40, Part 143, National Secondary Drinking Water Regulations, July 1, 1992. These regulations establish guidelines for the aesthetic qualities relating to the public acceptance of drinking water.

e. N/A: Not Applicable; No DOE or USEPA standards have been established for calcium, magnesium, nickel, potassium, and sodium.

<: The "less than" symbol (<) indicates that the laboratory was unable to detect this particular metal in your water. The number following this symbol represents the lowest concentration the laboratory is able to detect; i.e., <0.04 means the laboratory can only detect as low as 0.04 mg/L and your water sample may contain 0.0 to 0.04 mg/L of that metal.

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Department of Energy
Fernald Environmental Management Project
P.O. Box 398705
Cincinnati, Ohio 45239-8705
(513) 738-6357

DEC 22 1993
DOE-0329-94

Mark Hollis
[redacted]

Dear Mr. Hollis:

The purpose of this letter is to provide you with the results of the water sampling of your well conducted by Fernald Environmental Restoration Management Corporation (FERMCO). Your well was sampled for total metals as part of our continuing Environmental Monitoring Program in July 1992 and 1993. The attachment provides results from the 1992 and 1993 total metal analyses, expressed in milligrams of a particular element per liter of water (mg/L). The established standards are also provided, where applicable.

The data do not indicate any unusual results. All of the results are within the recommended primary and secondary drinking water standards established by the Department of Energy (DOE) and the U.S. Environmental Protection Agency (USEPA). Environmental Monitoring will continue to provide you with the results from our monthly well water collection conducted on your well as part of the routine monitoring program.

If you have any questions regarding the results reported to you in this letter or on any aspect of our environmental program, please contact Wally Quaider by phone (648-3137) at your convenience.

Sincerely,

for Kenneth L. Morgan, Director
Public Information

FN:Quaider

Enclosure: As stated

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Recycled and Recyclable

M. Hollis ATTACHMENT

TYPE OF METAL	CONCENTRATION (mg/L) 1992	CONCENTRATION (mg/L) 1993	STANDARD
Arsenic	<0.010	<0.010	0.050[a]
Barium	<0.200	<0.200	2.000[b]
Cadmium	<0.005	<0.005	0.005[b]
Calcium	100.000	105.300	N/A[e]
Chromium	<0.010	<0.010	0.100[b]
Copper	<0.025	<0.025	1.300[c]
Iron	<0.100	<0.100	0.300[d]
Lead	<0.003	<0.003	0.015[c]
Magnesium	32.000	35.440	N/A[e]
Manganese	<0.015	<0.015	0.050[d]
Nickel	<0.040	<0.040	N/A[e]
Potassium	<5.000	<5.000	N/A[e]
Selenium	<0.005	<0.005	0.050[b]
Silver	<0.010	<0.010	0.100[d]
Sodium	30.000	36.610	N/A[e]
Zinc	0.051	<0.020	5.000[d]

a. Code of Federal Regulations, Title 40, Part 141, National Primary Drinking Water Regulations - Subpart B - Maximum Contamination Levels, July 1, 1992.

b. Code of Federal Regulations, Title 40, Part 141, National Primary Drinking Water Regulations - Subpart G - National Revised Primary Drinking Water Regulations: Maximum Contamination Levels, July 1, 1992.

c. Code of Federal Regulations, Title 40, Part 141, National Primary Drinking Water Regulations - Subpart I - Control of Lead and Copper, July 1, 1992.

d. Code of Federal Regulations, Title 40, Part 143, National Secondary Drinking Water Regulations, July 1, 1992. These regulations establish guidelines for the aesthetic qualities relating to the public acceptance of drinking water.

e. N/A: Not Applicable; No DOE or USEPA standards have been established for calcium, magnesium, nickel, potassium, and sodium.

<: The "less than" symbol (<) indicates that the laboratory was unable to detect this particular metal in your water. The number following this symbol represents the lowest concentration the laboratory is able to detect; i.e., <0.04 means the laboratory can only detect as low as 0.04 mg/L and your water sample may contain 0.0 to 0.04 mg/L of that metal.

Department of Energy
Fernald Environmental Management Project
P.O. Box 398705
Cincinnati, Ohio 45239-8705
(513) 738-6357

DEC 22 1993
DOE-0329-94

A. J. Nieman
[redacted]

Dear Mr. Nieman:

The purpose of this letter is to provide you with the results of the water sampling of your well conducted by Fernald Environmental Restoration Management Corporation (FERMCO). Your well was sampled for total metals as part of our continuing Environmental Monitoring Program in July 1992 and 1993. The attachment provides results from the 1992 and 1993 total metal analyses, expressed in milligrams of a particular element per liter of water (mg/L). The established standards are also provided, where applicable.

The data do not indicate any unusual results. All of the results are within the recommended primary and secondary drinking water standards established by the Department of Energy (DOE) and the U.S. Environmental Protection Agency (USEPA). Environmental Monitoring will continue to provide you with the results from our monthly well water collection conducted on your well as part of the routine monitoring program.

If you have any questions regarding the results reported to you in this letter or on any aspect of our environmental program, please contact Wally Quaider by phone (648-3137) at your convenience.

Sincerely,

for Gary Stegner
Kenneth L. Morgan, Director
Public Information

FN:Quaider

Enclosure: As stated

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Recycled and Recyclable

A. Nieman

ATTACHMENT

TYPE OF METAL	CONCENTRATION (mg/L) 1992	CONCENTRATION (mg/L) 1993	STANDARD
Arsenic	<0.010	<0.010	0.050[a]
Barium	<0.200	<0.200	2.000[b]
Cadmium	<0.005	<0.005	0.005[b]
Calcium	120.000	127.900	N/A[e]
Chromium	<0.010	<0.010	0.100[b]
Copper	<0.025	<0.025	1.300[c]
Iron	<0.100	0.100	0.300[d]
Lead	<0.003	0.007	0.015[c]
Magnesium	61.000	59.880	N/A[e]
Manganese	0.015	<0.015	0.050[d]
Nickel	<0.040	<0.040	N/A[e]
Potassium	<5.000	<5.000	N/A[e]
Selenium	<0.005	<0.005	0.050[b]
Silver	<0.010	<0.010	0.100[d]
Sodium	58.000	47.880	N/A[e]
Zinc	0.038	0.054	5.000[d]

a. Code of Federal Regulations, Title 40, Part 141, National Primary Drinking Water Regulations - Subpart B - Maximum Contamination Levels, July 1, 1992.

b. Code of Federal Regulations, Title 40, Part 141, National Primary Drinking Water Regulations - Subpart G - National Revised Primary Drinking Water Regulations: Maximum Contamination Levels, July 1, 1992.

c. Code of Federal Regulations, Title 40, Part 141, National Primary Drinking Water Regulations - Subpart I - Control of Lead and Copper, July 1, 1992.

d. Code of Federal Regulations, Title 40, Part 143, National Secondary Drinking Water Regulations, July 1, 1992. These regulations establish guidelines for the aesthetic qualities relating to the public acceptance of drinking water.

e. N/A: Not Applicable; No DOE or USEPA standards have been established for calcium, magnesium, nickel, potassium, and sodium.

<: The "less than" symbol (<) indicates that the laboratory was unable to detect this particular metal in your water. The number following this symbol represents the lowest concentration the laboratory is able to detect; i.e., <0.04 means the laboratory can only detect as low as 0.04 mg/L and your water sample may contain 0.0 to 0.04 mg/L of that metal.

Department of Energy
Fernald Environmental Management Project
P.O. Box 398705
Cincinnati, Ohio 45239-8705
(513) 738-6357

DEC 22 1993

DOE-0329-94

James Rolfes
[redacted]

Dear Mr. Rolfes:

The purpose of this letter is to provide you with the results of the water sampling of your well conducted by Fernald Environmental Restoration Management Corporation (FERMCO). Your well was sampled for total metals as part of our continuing Environmental Monitoring Program in July 1992 and 1993. The attachment provides results from the 1992 and 1993 total metal analyses, expressed in milligrams of a particular element per liter of water (mg/L). The established standards are also provided, where applicable.

The data do not indicate any unusual results. All of the results are within the recommended primary and secondary drinking water standards established by the Department of Energy (DOE) and the U.S. Environmental Protection Agency (USEPA). Environmental Monitoring will continue to provide you with the results from our monthly well water collection conducted on your well as part of the routine monitoring program.

If you have any questions regarding the results reported to you in this letter or on any aspect of our environmental program, please contact Wally Quaider by phone (648-3137) at your convenience.

Sincerely,

for Kenneth L. Morgan, Director
Public Information

FN:Quaider

Enclosure: As stated

Recycled and Recyclable

TYPE OF METAL	CONCENTRATION (mg/L) 1992	CONCENTRATION (mg/L) 1993	STANDARD
Arsenic	<0.010	<0.010	0.050[a]
Barium	<0.200	<0.200	2.000[b]
Cadmium	<0.005	<0.005	0.005[b]
Calcium	120.000	121.200	N/A[e]
Chromium	<0.010	<0.010	0.100[b]
Copper	0.110	0.118	1.300[c]
Iron	<0.100	<0.100	0.300[d]
Lead	<0.003	0.008	0.015[c]
Magnesium	25.000	27.140	N/A[e]
Manganese	<0.015	<0.015	0.050[d]
Nickel	<0.040	<0.040	N/A[e]
Potassium	<5.000	<5.000	N/A[e]
Selenium	<0.005	<0.005	0.050[b]
Silver	<0.010	<0.010	0.100[d]
Sodium	16.000	15.290	N/A[e]
Zinc	0.100	0.090	5.000[d]

a. Code of Federal Regulations, Title 40, Part 141, National Primary Drinking Water Regulations - Subpart B - Maximum Contamination Levels, July 1, 1992.

b. Code of Federal Regulations, Title 40, Part 141, National Primary Drinking Water Regulations - Subpart G - National Revised Primary Drinking Water Regulations: Maximum Contamination Levels, July 1, 1992.

c. Code of Federal Regulations, Title 40, Part 141, National Primary Drinking Water Regulations - Subpart I - Control of Lead and Copper, July 1, 1992.

d. Code of Federal Regulations, Title 40, Part 143, National Secondary Drinking Water Regulations, July 1, 1992. These regulations establish guidelines for the aesthetic qualities relating to the public acceptance of drinking water.

e. N/A: Not Applicable; No DOE or USEPA standards have been established for calcium, magnesium, nickel, potassium, and sodium.

<: The "less than" symbol (<) indicates that the laboratory was unable to detect this particular metal in your water. The number following this symbol represents the lowest concentration the laboratory is able to detect; i.e., <0.04 means the laboratory can only detect as low as 0.04 mg/L and your water sample may contain 0.0 to 0.04 mg/L of that metal.

Department of Energy
Fernald Environmental Management Project
P.O. Box 398705
Cincinnati, Ohio 45239-8705
(513) 738-6357

DEC 22 1993
DOE-0329-94

Joseph Langley
[redacted]

Dear Mr. Langley:

The purpose of this letter is to provide you with the results of the water sampling of your well conducted by Fernald Environmental Restoration Management Corporation (FERMCO). Your well was sampled for total metals as part of our continuing Environmental Monitoring Program in July 1992 and 1993. The attachment provides results from the 1992 and 1993 total metal analyses, expressed in milligrams of a particular element per liter of water (mg/L). The established standards are also provided, where applicable.

The data do not indicate any unusual results. All of the results are within the recommended primary and secondary drinking water standards established by the Department of Energy (DOE) and the U.S. Environmental Protection Agency (USEPA). Environmental Monitoring will continue to provide you with the results from our monthly well water collection conducted on your well as part of the routine monitoring program.

If you have any questions regarding the results reported to you in this letter or on any aspect of our environmental program, please contact Wally Quaider by phone (648-3137) at your convenience.

Sincerely,

Gary Stegner
for Kenneth L. Morgan, Director
Public Information

FN:Quaider

Enclosure: As stated

Recycled and Recyclable

TYPE OF METAL	CONCENTRATION (mg/L) 1992	CONCENTRATION (mg/L) 1993	STANDARD
Arsenic	<0.010	<0.010	0.050[a]
Barium	<0.200	<0.200	2.000[b]
Cadmium	<0.005	<0.005	0.005[b]
Calcium	140.000	139.000	N/A[e]
Chromium	<0.010	<0.010	0.100[b]
Copper	<0.025	<0.025	1.300[c]
Iron	0.048	0.202	0.300[d]
Lead	<0.003	0.008	0.015[c]
Magnesium	30.000	30.200	N/A[e]
Manganese	<0.015	0.019	0.050[d]
Nickel	<0.040	<0.040	N/A[e]
Potassium	<5.000	<5.000	N/A[e]
Selenium	<0.005	<0.005	0.050[b]
Silver	<0.010	<0.010	0.100[d]
Sodium	23.000	21.920	N/A[e]
Zinc	0.150	0.172	5.000[d]

a. Code of Federal Regulations, Title 40, Part 141, National Primary Drinking Water Regulations - Subpart B - Maximum Contamination Levels, July 1, 1992.

b. Code of Federal Regulations, Title 40, Part 141, National Primary Drinking Water Regulations - Subpart G - National Revised Primary Drinking Water Regulations: Maximum Contamination Levels, July 1, 1992.

c. Code of Federal Regulations, Title 40, Part 141, National Primary Drinking Water Regulations - Subpart I - Control of Lead and Copper, July 1, 1992.

d. Code of Federal Regulations, Title 40, Part 143, National Secondary Drinking Water Regulations, July 1, 1992. These regulations establish guidelines for the aesthetic qualities relating to the public acceptance of drinking water.

e. N/A: Not Applicable; No DOE or USEPA standards have been established for calcium, magnesium, nickel, potassium, and sodium.

<: The "less than" symbol (<) indicates that the laboratory was unable to detect this particular metal in your water. The number following this symbol represents the lowest concentration the laboratory is able to detect; i.e., <0.04 means the laboratory can only detect as low as 0.04 mg/L and your water sample may contain 0.0 to 0.04 mg/L of that metal.

- 5324

Department of Energy
Fernald Environmental Management Project
P.O. Box 398705
Cincinnati, Ohio 45239-8705
(513) 738-6357

DEC 22 1993
DOE-0329-94

Allen Minges
[redacted]

Dear Mr. Minges:

The purpose of this letter is to provide you with the results of the water sampling of your well conducted by Fernald Environmental Restoration Management Corporation (FERMCO). Your well was sampled for total metals as part of our continuing Environmental Monitoring Program in July 1992 and 1993. The attachment provides results from the 1992 and 1993 total metal analyses, expressed in milligrams of a particular element per liter of water (mg/L). The established standards are also provided, where applicable.

The data do not indicate any unusual results. All of the results are within the recommended primary drinking water guidelines established by the Department of Energy (DOE) and the U.S. Environmental Protection Agency (USEPA). The levels of iron exceed the secondary drinking water standards. However, this is not uncommon as secondary standards were established by the EPA to address aesthetic qualities of drinking water and do not impose any health risks. Environmental Monitoring will continue to provide you with the results from our monthly well water collection conducted on your well as part of the routine monitoring program.

If you have any questions regarding the results reported to you in this letter or on any aspect of our environmental program, please contact Wally Quaider by phone (648-3137) at your convenience.

Sincerely,

for Gary Stegner
Kenneth L. Morgan, Director
Public Information

FN:Quaider
Enclosure: As stated

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Recycled and Recyclable

A. Minges ATTACHMENT

TYPE OF METAL	CONCENTRATION (mg/L) 1992	CONCENTRATION (mg/L) 1993	STANDARD
Arsenic	0.017	0.018	0.050[a]
Barium	0.340	0.418	2.000[b]
Cadmium	<0.005	<0.005	0.005[b]
Calcium	75.000	79.820	N/A[e]
Chromium	<0.010	<0.010	0.100[b]
Copper	<0.025	<0.025	1.300[c]
Iron	3.400	3.601	0.300[d]
Lead	<0.003	0.005	0.015[c]
Magnesium	22.000	24.950	N/A[e]
Manganese	0.023	0.019	0.050[d]
Nickel	<0.040	<0.040	N/A[e]
Potassium	<5.000	<5.000	N/A[e]
Selenium	<0.005	<0.005	0.050[b]
Silver	<0.010	<0.010	0.100[d]
Sodium	16.000	20.310	N/A[e]
Zinc	0.027	0.026	5.000[d]

a. Code of Federal Regulations, Title 40, Part 141, National Primary Drinking Water Regulations - Subpart B - Maximum Contamination Levels, July 1, 1992.

b. Code of Federal Regulations, Title 40, Part 141, National Primary Drinking Water Regulations - Subpart G - National Revised Primary Drinking Water Regulations: Maximum Contamination Levels, July 1, 1992.

c. Code of Federal Regulations, Title 40, Part 141, National Primary Drinking Water Regulations - Subpart I - Control of Lead and Copper, July 1, 1992.

d. Code of Federal Regulations, Title 40, Part 143, National Secondary Drinking Water Regulations, July 1, 1992. These regulations establish guidelines for the aesthetic qualities relating to the public acceptance of drinking water.

e. N/A: Not Applicable; No DOE or USEPA standards have been established for calcium, magnesium, nickel, potassium, and sodium.

<: The "less than" symbol (<) indicates that the laboratory was unable to detect this particular metal in your water. The number following this symbol represents the lowest concentration the laboratory is able to detect; i.e., <0.04 means the laboratory can only detect as low as 0.04 mg/L and your water sample may contain 0.0 to 0.04 mg/L of that metal.

5324

Department of Energy
Fernald Environmental Management Project
P.O. Box 398705
Cincinnati, Ohio 45239-8705
(513) 738-6357

DEC 22 1993
DOE-0329-94

Verdie Estes
[redacted]

Dear Mrs. Estes:

The purpose of this letter is to provide you with the results of the water sampling of your well conducted by Fernald Environmental Restoration Management Corporation (FERMCO). Your well was sampled for total metals as part of our continuing Environmental Monitoring Program in July 1992 and 1993. The attachment provides results from the 1992 and 1993 total metal analyses, expressed in milligrams of a particular element per liter of water (mg/L). The established standards are also provided, where applicable.

The data do not indicate any unusual results. All of the results are within the recommended primary and secondary drinking water standards established by the Department of Energy (DOE) and the U.S. Environmental Protection Agency (USEPA). Environmental Monitoring will continue to provide you with the results from our monthly well water collection conducted on your well as part of the routine monitoring program.

If you have any questions regarding the results reported to you in this letter or on any aspect of our environmental program, please contact Wally Quaider by phone (648-3137) at your convenience.

Sincerely,

for Gary Stegner

Kenneth L. Morgan, Director
Public Information

FN:Quaider

Enclosure: As stated

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Recycled and Recyclable

ATTACHMENT

TYPE OF METAL	CONCENTRATION (mg/L) 1992	CONCENTRATION (mg/L) 1993	STANDARD
Arsenic	<0.010	<0.010	0.050[a]
Barium	<0.200	<0.200	2.000[b]
Cadmium	<0.005	<0.005	0.005[b]
Calcium	88.000	76.830	N/A[e]
Chromium	<0.010	<0.010	0.100[b]
Copper	0.052	0.030	1.300[c]
Iron	<0.100	<0.100	0.300[d]
Lead	<0.003	0.020	0.015[c]
Magnesium	24.000	22.630	N/A[e]
Manganese	<0.015	<0.015	0.050[d]
Nickel	<0.040	<0.040	N/A[e]
Potassium	<5.000	<5.000	N/A[e]
Selenium	<0.005	<0.005	0.050[b]
Silver	<0.010	<0.010	0.100[d]
Sodium	19.000	10.190	N/A[e]
Zinc	0.200	0.230	5.000[d]

a. Code of Federal Regulations, Title 40, Part 141, National Primary Drinking Water Regulations - Subpart B - Maximum Contamination Levels, July 1, 1992.

b. Code of Federal Regulations, Title 40, Part 141, National Primary Drinking Water Regulations - Subpart G - National Revised Primary Drinking Water Regulations: Maximum Contamination Levels, July 1, 1992.

c. Code of Federal Regulations, Title 40, Part 141, National Primary Drinking Water Regulations - Subpart I - Control of Lead and Copper, July 1, 1992.

d. Code of Federal Regulations, Title 40, Part 143, National Secondary Drinking Water Regulations, July 1, 1992. These regulations establish guidelines for the aesthetic qualities relating to the public acceptance of drinking water.

e. N/A: Not Applicable; No DOE or USEPA standards have been established for calcium, magnesium, nickel, potassium, and sodium.

<: The "less than" symbol (<) indicates that the laboratory was unable to detect this particular metal in your water. The number following this symbol represents the lowest concentration the laboratory is able to detect; i.e., <0.04 means the laboratory can only detect as low as 0.04 mg/L and your water sample may contain 0.0 to 0.04 mg/L of that metal.

- 5324

Department of Energy
Fernald Environmental Management Project
P.O. Box 398705
Cincinnati, Ohio 45239-8705
(513) 738-6357

DEC 22 1993

DOE-0329-94

Pamela Dunn
[redacted]

Dear Ms. Dunn:

The purpose of this letter is to provide you with the results of the water sampling of your well conducted by Fernald Environmental Restoration Management Corporation (FERMCO). Your well was sampled for total metals as part of our continuing Environmental Monitoring Program in July 1992 and 1993. The attachment provides results from the 1992 and 1993 total metal analyses, expressed in milligrams of a particular element per liter of water (mg/L). The established standards are also provided, where applicable.

The data do not indicate any unusual results. All of the results are within the recommended primary and secondary drinking water standards established by the Department of Energy (DOE) and the U.S. Environmental Protection Agency (USEPA). Environmental Monitoring will continue to provide you with the results from our monthly well water collection conducted on your well as part of the routine monitoring program.

If you have any questions regarding the results reported to you in this letter or on any aspect of our environmental program, please contact Wally Quaider by phone (648-3137) at your convenience.

Sincerely,

for Gary Stegner
Kenneth L. Morgan, Director
Public Information

FN:QUAIDER

Enclosure: As stated

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Recycled and Recyclable

ATTACHMENT

TYPE OF METAL	CONCENTRATION (mg/L) 1992	CONCENTRATION (mg/L) 1993	STANDARD
Arsenic	<0.010	<0.010	0.050[a]
Barium	<0.200	<0.200	2.000[b]
Cadmium	<0.005	<0.005	0.005[b]
Calcium	86.000	45.690	N/A[e]
Chromium	<0.010	<0.010	0.100[b]
Copper	<0.025	0.037	1.300[c]
Iron	<0.100	<0.100	0.300[d]
Lead	0.004	0.008	0.015[c]
Magnesium	21.000	10.320	N/A[e]
Manganese	<0.015	0.015	0.050[d]
Nickel	<0.040	<0.040	N/A[e]
Potassium	<5.000	<5.000	N/A[e]
Selenium	<0.005	<0.005	0.050[b]
Silver	<0.010	<0.010	0.100[d]
Sodium	13.000	1.330	N/A[e]
Zinc	0.340	2.545	5.000[d]

a. Code of Federal Regulations, Title 40, Part 141, National Primary Drinking Water Regulations - Subpart B - Maximum Contamination Levels, July 1, 1992.

b. Code of Federal Regulations, Title 40, Part 141, National Primary Drinking Water Regulations - Subpart G - National Revised Primary Drinking Water Regulations: Maximum Contamination Levels, July 1, 1992.

c. Code of Federal Regulations, Title 40, Part 141, National Primary Drinking Water Regulations - Subpart I - Control of Lead and Copper, July 1, 1992.

d. Code of Federal Regulations, Title 40, Part 143, National Secondary Drinking Water Regulations, July 1, 1992. These regulations establish guidelines for the aesthetic qualities relating to the public acceptance of drinking water.

e. N/A: Not Applicable; No DOE or USEPA standards have been established for calcium, magnesium, nickel, potassium, and sodium.

<: The "less than" symbol (<) indicates that the laboratory was unable to detect this particular metal in your water. The number following this symbol represents the lowest concentration the laboratory is able to detect; i.e., <0.04 means the laboratory can only detect as low as 0.04 mg/L and your water sample may contain 0.0 to 0.04 mg/L of that metal.

5324

Department of Energy
Fernald Environmental Management Project
P.O. Box 398705
Cincinnati, Ohio 45239-8705
(513) 738-6357

DEC 22 1993
DOE-0329-94

N. L. Burwinkel
[redacted]

Dear Mr. Burwinkel:

The purpose of this letter is to provide you with the results of the water sampling of your well conducted by Fernald Environmental Restoration Management Corporation (FERMCO). Your well was sampled for total metals as part of our continuing Environmental Monitoring Program in July 1992 and 1993. The attachment provides results from the 1992 and 1993 total metal analyses, expressed in milligrams of a particular element per liter of water (mg/L). The established standards are also provided, where applicable.

The data do not indicate any unusual results. All of the results are within the recommended primary drinking water standards established by the Department of Energy (DOE) and the U.S. Environmental Protection Agency (USEPA). The iron and manganese levels in your water sample exceed the secondary drinking water standards. However, this is not uncommon as secondary standards were established by the EPA to address aesthetic qualities of drinking water and do not impose any health risks. Environmental Monitoring will continue to provide you with the results from our monthly well water collection conducted on your well as part of the routine monitoring program.

If you have any questions regarding the results reported to you in this letter or on any aspect of our environmental program, please contact Wally Quaider by phone (648-3137) at your convenience.

Sincerely,

for Kenneth L. Morgan, Director
Public Information

FN:QUAIDER
Enclosure: As stated

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Recycled and Recyclable

TYPE OF METAL	CONCENTRATION (mg/L) 1992	CONCENTRATION (mg/L) 1993	STANDARD
Arsenic	<0.010	<0.010	0.050[a]
Barium	<0.200	<0.200	2.000[b]
Cadmium	<0.005	<0.005	0.005[b]
Calcium	130.000	112.200	N/A[e]
Chromium	<0.010	<0.010	0.100[b]
Copper	<0.025	<0.025	1.300[c]
Iron	2.900	1.942	0.300[d]
Lead	<0.003	<0.003	0.015[c]
Magnesium	34.000	31.930	N/A[e]
Manganese	0.180	0.142	0.050[d]
Nickel	<0.040	<0.040	N/A[e]
Potassium	<5.000	<5.000	N/A[e]
Selenium	<0.005	<0.005	0.050[b]
Silver	<0.010	<0.010	0.100[d]
Sodium	8.600	9.302	N/A[e]
Zinc	0.120	0.056	5.000[d]

a. Code of Federal Regulations, Title 40, Part 141, National Primary Drinking Water Regulations - Subpart B - Maximum Contamination Levels, July 1, 1992.

b. Code of Federal Regulations, Title 40, Part 141, National Primary Drinking Water Regulations - Subpart G - National Revised Primary Drinking Water Regulations: Maximum Contamination Levels, July 1, 1992.

c. Code of Federal Regulations, Title 40, Part 141, National Primary Drinking Water Regulations - Subpart I - Control of Lead and Copper, July 1, 1992.

d. Code of Federal Regulations, Title 40, Part 143, National Secondary Drinking Water Regulations, July 1, 1992. These regulations establish guidelines for the aesthetic qualities relating to the public acceptance of drinking water.

e. N/A: Not Applicable; No DOE or USEPA standards have been established for calcium, magnesium, nickel, potassium, and sodium.

<: The "less than" symbol (<) indicates that the laboratory was unable to detect this particular metal in your water. The number following this symbol represents the lowest concentration the laboratory is able to detect; i.e., <0.04 means the laboratory can only detect as low as 0.04 mg/L and your water sample may contain 0.0 to 0.04 mg/L of that metal.

5324

Department of Energy
Fernald Environmental Management Project
P.O. Box 398705
Cincinnati, Ohio 45239-8705
(513) 738-6357

DEC 22 1993

DOE-0329-94

Ruth Sellet
[redacted]

Dear Mrs. Sellet:

The purpose of this letter is to provide you with the results of the water sampling of your well conducted by Fernald Environmental Restoration Management Corporation (FERMCO). Your well was sampled for total metals as part of our continuing Environmental Monitoring Program in July 1992 and 1993. The attachment provides results from the 1992 and 1993 total metal analyses, expressed in milligrams of a particular element per liter of water (mg/L). The established standards are also provided, where applicable.

The data do not indicate any unusual results. All of the results are within the recommended primary drinking water standards established by the Department of Energy (DOE) and the U.S. Environmental Protection Agency (USEPA). The iron and manganese levels in your water sample exceed the secondary drinking water standards. However, this is not uncommon as secondary standards were established by the EPA to address aesthetic qualities of drinking water and do not impose any health risks. Environmental Monitoring will continue to provide you with the results from our monthly well water collection conducted on your well as part of the routine monitoring program.

If you have any questions regarding the results reported to you in this letter or on any aspect of our environmental program, please contact Wally Quaider by phone (648-3137) at your convenience.

Sincerely,

for Gary Stegner

Kenneth L. Morgan, Director
Public Information

FN:QUAIDER
Enclosure: As stated

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Recycled and Recyclable

TYPE OF METAL	CONCENTRATION (mg/L) 1992	CONCENTRATION (mg/L) 1993	STANDARD
Arsenic	<0.010	<0.010	0.050[a]
Barium	<0.200	<0.200	2.000[b]
Cadmium	<0.005	<0.005	0.005[b]
Calcium	190.000	188.600	N/A[e]
Chromium	<0.010	<0.010	0.100[b]
Copper	0.078	0.027	1.300[c]
Iron	0.310	0.178	0.300[d]
Lead	<0.003	0.003	0.015[c]
Magnesium	33.000	33.170	N/A[e]
Manganese	0.053	0.027	0.050[d]
Nickel	<0.040	<0.040	N/A[e]
Potassium	<5.000	<5.000	N/A[e]
Selenium	<0.005	<0.005	0.050[b]
Silver	<0.010	<0.010	0.100[d]
Sodium	0.120	67.690	N/A[e]
Zinc	0.047	0.021	5.000[d]

a. Code of Federal Regulations, Title 40, Part 141, National Primary Drinking Water Regulations - Subpart B - Maximum Contamination Levels, July 1, 1992.

b. Code of Federal Regulations, Title 40, Part 141, National Primary Drinking Water Regulations - Subpart G - National Revised Primary Drinking Water Regulations: Maximum Contamination Levels, July 1, 1992.

c. Code of Federal Regulations, Title 40, Part 141, National Primary Drinking Water Regulations - Subpart I - Control of Lead and Copper, July 1, 1992.

d. Code of Federal Regulations, Title 40, Part 143, National Secondary Drinking Water Regulations, July 1, 1992. These regulations establish guidelines for the aesthetic qualities relating to the public acceptance of drinking water.

e. N/A: Not Applicable; No DOE or USEPA standards have been established for calcium, magnesium, nickel, potassium, and sodium.

<: The "less than" symbol (<) indicates that the laboratory was unable to detect this particular metal in your water. The number following this symbol represents the lowest concentration the laboratory is able to detect; i.e., <0.04 means the laboratory can only detect as low as 0.04 mg/L and your water sample may contain 0.0 to 0.04 mg/L of that metal.

Department of Energy
Fernald Environmental Management Project
P.O. Box 398705
Cincinnati, Ohio 45239-8705
(513) 738-6357

5324

DEC 22 1993
DOE-0329-94

Stephanie Spade
[redacted]

Dear Ms. Spade:

The purpose of this letter is to provide you with the results of the water sampling of your well conducted by Fernald Environmental Restoration Management Corporation (FERMCO). Your well was sampled for total metals as part of our continuing Environmental Monitoring Program in July 1992 and 1993. The attachment provides results from the 1992 and 1993 total metal analyses, expressed in milligrams of a particular element per liter of water (mg/L). The established standards are also provided, where applicable.

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If you have any questions regarding the results reported to you in this letter or on any aspect of our environmental program, please contact Wally Quaider by phone (648-3137) at your convenience.

Sincerely,

for Kenneth L. Morgan, Director
Public Information

FN:QUAIDER

Enclosure: As stated

0 46

Recycled and Recyclable

S. Spade

ATTACHMENT

TYPE OF METAL	CONCENTRATION (mg/L) 1992	CONCENTRATION (mg/L) 1993	STANDARD
Arsenic	<0.010	<0.010	0.050[a]
Barium	<0.200	<0.200	2.000[b]
Cadmium	<0.005	<0.005	0.005[b]
Calcium	48.000	86.020	N/A[e]
Chromium	<0.010	<0.010	0.100[b]
Copper	<0.025	0.027	1.300[c]
Iron	<0.100	<0.100	0.300[d]
Lead	<0.003	<0.003	0.015[c]
Magnesium	12.000	23.870	N/A[e]
Manganese	<0.015	<0.015	0.050[d]
Nickel	<0.040	<0.040	N/A[e]
Potassium	<5.000	<5.000	N/A[e]
Selenium	<0.005	<0.005	0.050[b]
Silver	<0.010	<0.010	0.100[d]
Sodium	7.200	14.390	N/A[e]
Zinc	0.057	<0.020	5.000[d]

a. Code of Federal Regulations, Title 40, Part 141, National Primary Drinking Water Regulations - Subpart B - Maximum Contamination Levels, July 1, 1992.

b. Code of Federal Regulations, Title 40, Part 141, National Primary Drinking Water Regulations - Subpart G - National Revised Primary Drinking Water Regulations: Maximum Contamination Levels, July 1, 1992.

c. Code of Federal Regulations, Title 40, Part 141, National Primary Drinking Water Regulations - Subpart I - Control of Lead and Copper, July 1, 1992.

d. Code of Federal Regulations, Title 40, Part 143, National Secondary Drinking Water Regulations, July 1, 1992. These regulations establish guidelines for the aesthetic qualities relating to the public acceptance of drinking water.

e. N/A: Not Applicable; No DOE or USEPA standards have been established for calcium, magnesium, nickel, potassium, and sodium.

<: The "less than" symbol (<) indicates that the laboratory was unable to detect this particular metal in your water. The number following this symbol represents the lowest concentration the laboratory is able to detect; i.e., <0.04 means the laboratory can only detect as low as 0.04 mg/L and your water sample may contain 0.0 to 0.04 mg/L of that metal.

5324

Department of Energy
Fernald Environmental Management Project
P.O. Box 398705
Cincinnati, Ohio 45239-8705
(513) 738-6357

DEC 22 1993
DOE-0329-94

Brian Horn
[redacted]

Dear Mr. Horn:

The purpose of this letter is to provide you with the results of the water sampling of your well conducted by Fernald Environmental Restoration Management Corporation (FERMCO). Your well was sampled for total metals as part of our continuing Environmental Monitoring Program in July 1992 and 1993. The attachment provides results from the 1992 and 1993 total metal analyses, expressed in milligrams of a particular element per liter of water (mg/L). The established standards are also provided, where applicable.

The data do not indicate any unusual results. All of the results are within the recommended primary and secondary drinking water standards established by the Department of Energy (DOE) and the U.S. Environmental Protection Agency (USEPA). Environmental Monitoring will continue to provide you with the results from our monthly well water collection conducted on your well as part of the routine monitoring program.

If you have any questions regarding the results reported to you in this letter or on any aspect of our environmental program, please contact Wally Quaider by phone (648-3137) at your convenience.

Sincerely,

for Kenneth L. Morgan, Director
Public Information

FN:QUAIDER

Enclosure: As stated

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Recycled and Recyclable

TYPE OF METAL	CONCENTRATION (mg/L) 1992	CONCENTRATION (mg/L) 1993	STANDARD
Arsenic	<0.010	<0.010	0.050[a]
Barium	<0.200	<0.200	2.000[b]
Cadmium	<0.005	<0.005	0.005[b]
Calcium	48.000	86.020	N/A[e]
Chromium	<0.010	<0.010	0.100[b]
Copper	<0.025	0.027	1.300[c]
Iron	<0.100	<0.100	0.300[d]
Lead	<0.003	<0.003	0.015[c]
Magnesium	12.000	23.870	N/A[e]
Manganese	<0.015	<0.015	0.050[d]
Nickel	<0.040	<0.040	N/A[e]
Potassium	<5.000	<5.000	N/A[e]
Selenium	<0.005	<0.005	0.050[b]
Silver	<0.010	<0.010	0.100[d]
Sodium	7.200	14.390	N/A[e]
Zinc	0.057	<0.020	5.000[d]

a. Code of Federal Regulations, Title 40, Part 141, National Primary Drinking Water Regulations - Subpart B - Maximum Contamination Levels, July 1, 1992.

b. Code of Federal Regulations, Title 40, Part 141, National Primary Drinking Water Regulations - Subpart G - National Revised Primary Drinking Water Regulations: Maximum Contamination Levels, July 1, 1992.

c. Code of Federal Regulations, Title 40, Part 141, National Primary Drinking Water Regulations - Subpart I - Control of Lead and Copper, July 1, 1992.

d. Code of Federal Regulations, Title 40, Part 143, National Secondary Drinking Water Regulations, July 1, 1992. These regulations establish guidelines for the aesthetic qualities relating to the public acceptance of drinking water.

e. N/A: Not Applicable; No DOE or USEPA standards have been established for calcium, magnesium, nickel, potassium, and sodium.

<: The "less than" symbol (<) indicates that the laboratory was unable to detect this particular metal in your water. The number following this symbol represents the lowest concentration the laboratory is able to detect; i.e., <0.04 means the laboratory can only detect as low as 0.04 mg/L and your water sample may contain 0.0 to 0.04 mg/L of that metal.

5324

Department of Energy
Fernald Environmental Management Project
P.O. Box 398705
Cincinnati, Ohio 45239-8705
(513) 738-6357

DEC 22 1993
DOE-0329-94

Michael Lienesch
[redacted]

Dear Mr. Lienesch:

The purpose of this letter is to provide you with the results of the water sampling of your well conducted by Fernald Environmental Restoration Management Corporation (FERMCO). Your well was sampled for total metals as part of our continuing Environmental Monitoring Program in July 1992 and 1993. The attachment provides results from the 1992 and 1993 total metal analyses, expressed in milligrams of a particular element per liter of water (mg/L). The established standards are also provided, where applicable.

The data do not indicate any unusual results. All of the results are within the recommended primary drinking water standards established by the Department of Energy (DOE) and the U.S. Environmental Protection Agency (USEPA). The iron level in your water sample exceeds the secondary water standards. However, this is not uncommon as secondary standards were established by the EPA to address aesthetic qualities of drinking water and do not impose any health risks. Environmental Monitoring will continue to provide you with the results from our monthly well water collection conducted on your well as part of the routine monitoring program.

If you have any questions regarding the results reported to you in this letter or on any aspect of our environmental program, please contact Wally Quaider by phone (648-3137) at your convenience.

Sincerely,

for Kenneth L. Morgan, Director
Public Information

FN:QUAIDER
Enclosure: As stated

0 50

Recycled and Recyclable

TYPE OF METAL	CONCENTRATION (mg/L) 1992	CONCENTRATION (mg/L) 1993	STANDARD
Arsenic	<0.10	<0.010	0.050[a]
Barium	<0.200	<0.200	2.000[b]
Cadmium	<0.005	<0.005	0.005[b]
Calcium	110.000	12.290	N/A[e]
Chromium	<0.010	<0.010	0.100[b]
Copper	<0.025	<0.025	1.300[c]
Iron	0.430	0.167	0.300[d]
Lead	0.004	<0.003	0.015[c]
Magnesium	27.000	30.780	N/A[e]
Manganese	<0.015	<0.015	0.050[d]
Nickel	<0.040	<0.040	N/A[e]
Potassium	<5.000	<5.000	N/A[e]
Selenium	<0.005	<0.005	0.050[b]
Silver	<0.010	<0.010	0.100[d]
Sodium	7.300	9.068	N/A[e]
Zinc	<0.020	0.070	5.000[d]

a. Code of Federal Regulations, Title 40, Part 141, National Primary Drinking Water Regulations - Subpart B - Maximum Contamination Levels, July 1, 1992.

b. Code of Federal Regulations, Title 40, Part 141, National Primary Drinking Water Regulations - Subpart G - National Revised Primary Drinking Water Regulations: Maximum Contamination Levels, July 1, 1992.

c. Code of Federal Regulations, Title 40, Part 141, National Primary Drinking Water Regulations - Subpart I - Control of Lead and Copper, July 1, 1992.

d. Code of Federal Regulations, Title 40, Part 143, National Secondary Drinking Water Regulations, July 1, 1992. These regulations establish guidelines for the aesthetic qualities relating to the public acceptance of drinking water.

e. N/A: Not Applicable; No DOE or USEPA standards have been established for calcium, magnesium, nickel, potassium, and sodium.

<: The "less than" symbol (<) indicates that the laboratory was unable to detect this particular metal in your water. The number following this symbol represents the lowest concentration the laboratory is able to detect; i.e., <0.04 means the laboratory can only detect as low as 0.04 mg/L and your water sample may contain 0.0 to 0.04 mg/L of that metal.

- 5324

Department of Energy
Fernald Environmental Management Project
P.O. Box 398705
Cincinnati, Ohio 45239-8705
(513) 738-6357

DEC 22 1993
DOE-0329-94

Russel Beckner
[redacted]

Dear Mr. Beckner:

The purpose of this letter is to provide you with the results of the water sampling of your well conducted by Fernald Environmental Restoration Management Corporation (FERMCO). Your well was sampled for total metals as part of our continuing Environmental Monitoring Program in July 1992 and 1993. The attachment provides results from the 1992 and 1993 total metal analyses, expressed in milligrams of a particular element per liter of water (mg/L). The established standards are also provided, where applicable.

The data do not indicate any unusual results. All of the results are within the recommended primary drinking water standards established by the Department of Energy (DOE) and the U.S. Environmental Protection Agency (USEPA). The iron level in your water sample exceeds the secondary water standards. However, this is not uncommon as secondary standards were established by the EPA to address aesthetic qualities of drinking water and do not impose any health risks. Environmental Monitoring will continue to provide you with the results from our monthly well water collection conducted on your well as part of the routine monitoring program.

If you have any questions regarding the results reported to you in this letter or on any aspect of our environmental program, please contact Wally Quaider by phone (648-3137) at your convenience.

Sincerely,

for Kenneth L. Morgan, Director
Public Information

FN:QUAIDER
Enclosure: As stated

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Recycled and Recyclable

R. Beckner

ATTACHMENT

TYPE OF METAL	CONCENTRATION (mg/L) 1992	CONCENTRATION (mg/L) 1993	STANDARD
Arsenic	0.015	0.018	0.050[a]
Barium	0.420	0.506	2.000[b]
Cadmium	<0.005	<0.005	0.005[b]
Calcium	79.000	78.460	N/A[e]
Chromium	<0.010	<0.010	0.100[b]
Copper	0.035	<0.025	1.300[c]
Iron	4.000	3.679	0.300[d]
Lead	0.004	<0.003	0.015[c]
Magnesium	23.000	24.590	N/A[e]
Manganese	0.026	0.015	0.050[d]
Nickel	<0.040	<0.040	N/A[e]
Potassium	<5.000	<5.000	N/A[e]
Selenium	<0.005	<0.005	0.050[b]
Silver	<0.010	<0.010	0.100[d]
Sodium	29.000	34.660	N/A[e]
Zinc	0.073	<0.020	5.000[d]

a. Code of Federal Regulations, Title 40, Part 141, National Primary Drinking Water Regulations - Subpart B - Maximum Contamination Levels, July 1, 1992.

b. Code of Federal Regulations, Title 40, Part 141, National Primary Drinking Water Regulations - Subpart G - National Revised Primary Drinking Water Regulations: Maximum Contamination Levels, July 1, 1992.

c. Code of Federal Regulations, Title 40, Part 141, National Primary Drinking Water Regulations - Subpart I - Control of Lead and Copper, July 1, 1992.

d. Code of Federal Regulations, Title 40, Part 143, National Secondary Drinking Water Regulations, July 1, 1992. These regulations establish guidelines for the aesthetic qualities relating to the public acceptance of drinking water.

e. N/A: Not Applicable; No DOE or USEPA standards have been established for calcium, magnesium, nickel, potassium, and sodium.

<: The "less than" symbol (<) indicates that the laboratory was unable to detect this particular metal in your water. The number following this symbol represents the lowest concentration the laboratory is able to detect; i.e., <0.04 means the laboratory can only detect as low as 0.04 mg/L and your water sample may contain 0.0 to 0.04 mg/L of that metal.

Department of Energy
Fernald Environmental Management Project
P.O. Box 398705
Cincinnati, Ohio 45239-8705
(513) 738-6357

DEC 22 1993
DOE-0329-94

Denier Electric
ATTN: Manager
P.O. Box 308
Ross, Ohio 45061

Dear Sir:

The purpose of this letter is to provide you with the results of the water sampling of your well conducted by Fernald Environmental Restoration Management Corporation (FERMCO). Your well was sampled for total metals as part of our continuing Environmental Monitoring Program in July 1992 and 1993. The attachment provides results from the 1992 and 1993 total metal analyses, expressed in milligrams of a particular element per liter of water (mg/L). The established standards are also provided, where applicable.

The data do not indicate any unusual results. All of the results are within the recommended primary drinking water standards established by the Department of Energy (DOE) and the U.S. Environmental Protection Agency (USEPA). The levels of iron and manganese exceed the secondary drinking water standards. However, this is not uncommon as secondary standards were established by the EPA to address aesthetic qualities of drinking water and do not impose any health risks. Environmental Monitoring will continue to provide you with the results from our monthly well water collection conducted on your well as part of the routine monitoring program.

If you have any questions regarding the results reported to you in this letter or on any aspect of our environmental program, please contact Wally Quaider by phone (648-3137) at your convenience.

Sincerely,

for Kenneth L. Morgan, Director
Public Information

FN:Quaider
Enclosure: As stated

Recycled and Recyclable

Denier Electric

ATTACHMENT

TYPE OF METAL	CONCENTRATION (mg/L) 1992	CONCENTRATION (mg/L) 1993	STANDARD
Arsenic	<0.010	<0.010	0.050[a]
Barium	<0.200	<0.200	2.000[b]
Cadmium	<0.005	<0.005	0.005[b]
Calcium	96.000	101.300	N/A [e]
Chromium	<0.010	<0.010	0.100[b]
Copper	<0.025	<0.025	1.300[c]
Iron	2.700	3.091	0.300[d]
Lead	0.0049	<0.003	0.015[c]
Magnesium	24.000	26.120	N/A [e]
Manganese	0.230	0.249	0.050[d]
Nickel	<0.040	<0.040	N/A [e]
Potassium	<5.000	<5.000	N/A [e]
Selenium	<0.005	<0.005	0.050[b]
Silver	<0.010	<0.010	0.100[d]
Sodium	10.000	13.440	N/A [e]
Zinc	<0.020	0.082	5.000[d]

a. Code of Federal Regulations, Title 40, Part 141, National Primary Drinking Water Regulations - Subpart B - Maximum Contamination Levels, July 1, 1992.

b. Code of Federal Regulations, Title 40, Part 141, National Primary Drinking Water Regulations - Subpart G - National Revised Primary Drinking Water Regulations: Maximum Contamination Levels, July 1, 1992.

c. Code of Federal Regulations, Title 40, Part 141, National Primary Drinking Water Regulations - Subpart I - Control of Lead and Copper, July 1, 1992.

d. Code of Federal Regulations, Title 40, Part 143, National Secondary Drinking Water Regulations, July 1, 1992. These regulations establish guidelines for the aesthetic qualities relating to the public acceptance of drinking water.

e. N/A: Not Applicable; No DOE or USEPA standards have been established for calcium, magnesium, nickel, potassium, and sodium.

<: The "less than" symbol (<) indicates that the laboratory was unable to detect this particular metal in your water. The number following this symbol represents the lowest concentration the laboratory is able to detect; i.e., <0.04 means the laboratory can only detect as low as 0.04 mg/L and your water sample may contain 0.0 to 0.04 mg/L of that metal.

5391

Department of Energy
Fernald Environmental Management Project
P.O. Box 398705
Cincinnati, Ohio 45239-8705
(513) 738-6357

DEC 22 1993
DOE-0329-94

Miami Valley Ready Mix
ATTN: Mr. Loyd Smith
7466 New Haven Road
Harrison, Ohio 45030

Dear Mr. Smith:

The purpose of this letter is to provide you with the results of the water sampling of your well conducted by Fernald Environmental Restoration Management Corporation (FERMCO). Your well was sampled for total metals as part of our continuing Environmental Monitoring Program in July 1992 and 1993. The attachment provides results from the 1992 and 1993 total metal analyses, expressed in milligrams of a particular element per liter of water (mg/L). The established standards are also provided, where applicable.

The data do not indicate any unusual results. All of the results are within the recommended primary drinking water guidelines established by the Department of Energy (DOE) and the U.S. Environmental Protection Agency (USEPA). Iron and manganese exceed the secondary drinking water standards. However, this is not uncommon as secondary standards were established by the EPA to address aesthetic qualities of drinking water and do not impose any health risks. Environmental Monitoring will continue to provide you with the results from our monthly well water collection conducted on your well as part of the routine monitoring program.

If you have any questions regarding the results reported to you in this letter or on any aspect of our environmental program, please contact Wally Quaider by phone (648-3137) at your convenience.

Sincerely,

for Gary Stegner
Kenneth L. Morgan, Director
Public Information

FN:Quaider
Enclosure: As stated

0 56

Recycled and Recyclable

Miami Valley Ready Mix ATTACHMENT

TYPE OF METAL	CONCENTRATION (mg/L) 1992	CONCENTRATION (mg/L) 1993	STANDARD
Arsenic	<0.010	<0.010	0.050[a]
Barium	<0.200	<0.200	2.000[b]
Cadmium	<0.005	<0.005	0.005[b]
Calcium	96.000	95.790	N/A[e]
Chromium	<0.010	<0.010	0.100[b]
Copper	<0.025	<0.025	1.300[c]
Iron	1.800	1.090	0.300[d]
Lead	<0.003	<0.003	0.015[c]
Magnesium	24.000	24.410	N/A[e]
Manganese	0.230	0.245	0.050[d]
Nickel	<0.040	<0.040	N/A[e]
Potassium	<5.000	<5.000	N/A[e]
Selenium	<0.005	<0.005	0.050[b]
Silver	<0.010	<0.010	0.100[d]
Sodium	9.400	10.320	N/A[e]
Zinc	0.075	0.077	5.000[d]

a. Code of Federal Regulations, Title 40, Part 141, National Primary Drinking Water Regulations - Subpart B - Maximum Contamination Levels, July 1, 1992.

b. Code of Federal Regulations, Title 40, Part 141, National Primary Drinking Water Regulations - Subpart G - National Revised Primary Drinking Water Regulations: Maximum Contamination Levels, July 1, 1992.

c. Code of Federal Regulations, Title 40, Part 141, National Primary Drinking Water Regulations - Subpart I - Control of Lead and Copper, July 1, 1992.

d. Code of Federal Regulations, Title 40, Part 143, National Secondary Drinking Water Regulations, July 1, 1992. These regulations establish guidelines for the aesthetic qualities relating to the public acceptance of drinking water.

e. N/A: Not Applicable; No DOE or USEPA standards have been established for calcium, magnesium, nickel, potassium, and sodium.

<: The "less than" symbol (<) indicates that the laboratory was unable to detect this particular metal in your water. The number following this symbol represents the lowest concentration the laboratory is able to detect; i.e., <0.04 means the laboratory can only detect as low as 0.04 mg/L and your water sample may contain 0.0 to 0.04 mg/L of that metal.

5324

Department of Energy
Fernald Environmental Management Project
P.O. Box 398705
Cincinnati, Ohio 45239-8705
(513) 738-6357

DEC 22 1993
DOE-0329-94

Ray Evers Welding Company, Inc.
ATTN: Manager
4849 Blue Rock Road
Cincinnati, Ohio 45239

Dear Sir:

The purpose of this letter is to provide you with the results of the water sampling of your well conducted by Fernald Environmental Restoration Management Corporation (FERMCO). Your well was sampled for total metals as part of our continuing Environmental Monitoring Program in July 1992 and 1993. The attachment provides results from the 1992 and 1993 total metal analyses, expressed in milligrams of a particular element per liter of water (mg/L). The established standards are also provided, where applicable.

The data do not indicate any unusual results. All of the results are within the recommended primary drinking water guidelines established by the Department of Energy (DOE) and the U.S. Environmental Protection Agency (USEPA). Iron and manganese exceed the secondary drinking water standards. However, this is not uncommon as secondary standards were established by the EPA to address aesthetic qualities of drinking water and do not impose any health risks. Environmental Monitoring will continue to provide you with the results from our monthly well water collection conducted on your well as part of the routine monitoring program.

If you have any questions regarding the results reported to you in this letter or on any aspect of our environmental program, please contact Wally Quaider by phone (648-3137) at your convenience.

Sincerely,

for Gary Stegner

Kenneth L. Morgan, Director
Public Information

FN:Quaider
Enclosure: As stated

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Recycled and Recyclable

TYPE OF METAL	CONCENTRATION (mg/L) 1992	CONCENTRATION (mg/L) 1993	STANDARD
Arsenic	0.035	0.049	0.050[a]
Barium	<0.200	<0.200	2.000[b]
Cadmium	<0.005	<0.005	0.005[b]
Calcium	60.000	73.940	N/A[e]
Chromium	<0.010	<0.010	0.100[b]
Copper	<0.025	<0.025	1.300[c]
Iron	12.000	1.513	0.300[d]
Lead	0.0044	0.0179	0.015[c]
Magnesium	25.000	34.350	N/A[e]
Manganese	0.250	0.297	0.050[d]
Nickel	<0.040	<0.040	N/A[e]
Potassium	150.000	62.770	N/A[e]
Selenium	<0.005	<0.005	0.050[b]
Silver	<0.010	<0.010	0.100[d]
Sodium	46.000	28.470	N/A[e]
Zinc	<0.020	0.024	5.000[d]

a. Code of Federal Regulations, Title 40, Part 141, National Primary Drinking Water Regulations - Subpart B - Maximum Contamination Levels, July 1, 1992.

b. Code of Federal Regulations, Title 40, Part 141, National Primary Drinking Water Regulations - Subpart G - National Revised Primary Drinking Water Regulations: Maximum Contamination Levels, July 1, 1992.

c. Code of Federal Regulations, Title 40, Part 141, National Primary Drinking Water Regulations - Subpart I - Control of Lead and Copper, July 1, 1992.

d. Code of Federal Regulations, Title 40, Part 143, National Secondary Drinking Water Regulations, July 1, 1992. These regulations establish guidelines for the aesthetic qualities relating to the public acceptance of drinking water.

e. N/A: Not Applicable; No DOE or USEPA standards have been established for calcium, magnesium, nickel, potassium, and sodium.

<: The "less than" symbol (<) indicates that the laboratory was unable to detect this particular metal in your water. The number following this symbol represents the lowest concentration the laboratory is able to detect; i.e., <0.04 means the laboratory can only detect as low as 0.04 mg/L and your water sample may contain 0.0 to 0.04 mg/L of that metal.

- 5324

Department of Energy
Fernald Environmental Management Project
P.O. Box 398705
Cincinnati, Ohio 45239-8705
(513) 738-6357

DEC 22 1993
DOE-0329-94

Delta Steel Corporation
ATTN: Mr. Ronald Poston
P.O. Box 39040
Cincinnati, Ohio 45239-0040

Dear Mr. Poston:

The purpose of this letter is to provide you with the results of the water sampling of your well conducted by Fernald Environmental Restoration Management Corporation (FERMCO). Your well was sampled for total metals as part of our continuing Environmental Monitoring Program in July 1992 and 1993. The attachment provides results from the 1992 and 1993 total metal analyses, expressed in milligrams of a particular element per liter of water (mg/L). The established standards are also provided, where applicable.

The data do not indicate any unusual results. All of the results are within the recommended primary drinking water guidelines established by the Department of Energy (DOE) and the U.S. Environmental Protection Agency (USEPA). Iron exceeds the secondary drinking water standards. However, this is not uncommon as secondary standards were established by the EPA to address aesthetic qualities of drinking water and do not impose any health risks. Environmental Monitoring will continue to provide you with the results from our monthly well water collection conducted on your well as part of the routine monitoring program.

If you have any questions regarding the results reported to you in this letter or on any aspect of our environmental program, please contact Wally Quaider by phone (648-3137) at your convenience.

Sincerely,

for Gary Stegner

Kenneth L. Morgan, Director
Public Information

FN:Quaider
Enclosure: As stated

0 60

Recycled and Recyclable

ATTACHMENT

TYPE OF METAL	CONCENTRATION (mg/L) 1992	CONCENTRATION (mg/L) 1993	STANDARD
Arsenic	<0.010	<0.010	0.050[a]
Barium	<0.200	<0.200	2.000[b]
Cadmium	<0.005	<0.005	0.005[b]
Calcium	84.000	97.100	N/A[e]
Chromium	<0.010	<0.010	0.100[b]
Copper	<0.025	0.039	1.300[c]
Iron	0.330	0.722	0.300[d]
Lead	0.0034	0.0074	0.015[c]
Magnesium	21.000	25.920	N/A[e]
Manganese	<0.015	<0.015	0.050[d]
Nickel	<0.040	<0.040	N/A[e]
Potassium	<5.000	<5.000	N/A[e]
Selenium	<0.005	<0.005	0.050[b]
Silver	<0.010	<0.010	0.100[d]
Sodium	11.000	18.410	N/A[e]
Zinc	0.051	0.060	5.000[d]

a. Code of Federal Regulations, Title 40, Part 141, National Primary Drinking Water Regulations - Subpart B - Maximum Contamination Levels, July 1, 1992.

b. Code of Federal Regulations, Title 40, Part 141, National Primary Drinking Water Regulations - Subpart G - National Revised Primary Drinking Water Regulations: Maximum Contamination Levels, July 1, 1992.

c. Code of Federal Regulations, Title 40, Part 141, National Primary Drinking Water Regulations - Subpart I - Control of Lead and Copper, July 1, 1992.

d. Code of Federal Regulations, Title 40, Part 143, National Secondary Drinking Water Regulations, July 1, 1992. These regulations establish guidelines for the aesthetic qualities relating to the public acceptance of drinking water.

e. N/A: Not Applicable; No DOE or USEPA standards have been established for calcium, magnesium, nickel, potassium, and sodium.

<: The "less than" symbol (<) indicates that the laboratory was unable to detect this particular metal in your water. The number following this symbol represents the lowest concentration the laboratory is able to detect; i.e., <0.04 means the laboratory can only detect as low as 0.04 mg/L and your water sample may contain 0.0 to 0.04 mg/L of that metal.

5324

Department of Energy
Fernald Environmental Management Project
P.O. Box 398705
Cincinnati, Ohio 45239-8705
(513) 738-6357

DEC 22 1993
DOE-0329-94

Branch Hill Mobile Home Park
ATTN: Manager
11200 Hamilton-Cleves Road
Harrison, Ohio 45030

Dear Sir:

The purpose of this letter is to provide you with the results of the water sampling of your well conducted by Fernald Environmental Restoration Management Corporation (FERMCO). Your well was sampled for total metals as part of our continuing Environmental Monitoring Program in July 1992 and 1993. The attachment provides results from the 1992 and 1993 total metal analyses, expressed in milligrams of a particular element per liter of water (mg/L). The established standards are also provided, where applicable.

The data do not indicate any unusual results. All of the results are within the recommended primary drinking water guidelines established by the Department of Energy (DOE) and the U.S. Environmental Protection Agency (USEPA). Iron and manganese exceed the secondary drinking water standards. However, this is not uncommon as secondary standards were established by the EPA to address aesthetic qualities of drinking water and do not impose any health risks. Environmental Monitoring will continue to provide you with the results from our monthly well water collection conducted on your well as part of the routine monitoring program.

If you have any questions regarding the results reported to you in this letter or on any aspect of our environmental program, please contact Wally Quaider by phone (648-3137) at your convenience.

Sincerely,

for Kenneth L. Morgan, Director
Public Information

FN:Quaider
Enclosure: As stated

0.62

Recycled and Recyclable

Branch Hill Mobile Home Park

ATTACHMENT

TYPE OF METAL	CONCENTRATION (mg/L) 1992	CONCENTRATION (mg/L) 1993	STANDARD
Arsenic	<0.010	<0.010	0.050[a]
Barium	<0.200	<0.200	2.000[b]
Cadmium	<0.005	<0.005	0.005[b]
Calcium	110.000	111.300	N/A[e]
Chromium	<0.010	<0.010	0.100[b]
Copper	0.031	<0.025	1.300[c]
Iron	2.200	2.182	0.300[d]
Lead	0.0072	0.0148	0.015[c]
Magnesium	29.000	31.320	N/A[e]
Manganese	0.280	0.327	0.050[d]
Nickel	<0.040	<0.040	N/A[e]
Potassium	<5.000	<5.000	N/A[e]
Selenium	<0.005	<0.005	0.050[b]
Silver	<0.010	<0.010	0.100[d]
Sodium	41.000	58.510	N/A[e]
Zinc	0.039	0.103	5.000[d]

a. Code of Federal Regulations, Title 40, Part 141, National Primary Drinking Water Regulations - Subpart B - Maximum Contamination Levels, July 1, 1992.

b. Code of Federal Regulations, Title 40, Part 141, National Primary Drinking Water Regulations - Subpart G - National Revised Primary Drinking Water Regulations: Maximum Contamination Levels, July 1, 1992.

c. Code of Federal Regulations, Title 40, Part 141, National Primary Drinking Water Regulations - Subpart I - Control of Lead and Copper, July 1, 1992.

d. Code of Federal Regulations, Title 40, Part 143, National Secondary Drinking Water Regulations, July 1, 1992. These regulations establish guidelines for the aesthetic qualities relating to the public acceptance of drinking water.

e. N/A: Not Applicable; No DOE or USEPA standards have been established for calcium, magnesium, nickel, potassium, and sodium.

<: The "less than" symbol (<) indicates that the laboratory was unable to detect this particular metal in your water. The number following this symbol represents the lowest concentration the laboratory is able to detect; i.e., <0.04 means the laboratory can only detect as low as 0.04 mg/L and your water sample may contain 0.0 to 0.04 mg/L of that metal.

- 5324

Department of Energy
Fernald Environmental Management Project
P.O. Box 398705
Cincinnati, Ohio 45239-8705
(513) 738-6357

DEC 22 1993
DOE-0329-94

Rutgers Nease, Inc.
ATTN: Mr. Noah Pope
10740 Paddy's Run Road
Harrison, Ohio 45030

Dear Mr. Pope:

The purpose of this letter is to provide you with the results of the water sampling of your well conducted by Fernald Environmental Restoration Management Corporation (FERMCO). Your well was sampled for total metals as part of our continuing Environmental Monitoring Program in July 1992 and 1993. The attachment provides results from the 1992 and 1993 total metal analyses, expressed in milligrams of a particular element per liter of water (mg/L). The established standards are also provided, where applicable.

The data do not indicate any unusual results. All of the results are within the recommended primary drinking water guidelines established by the Department of Energy (DOE) and the U.S. Environmental Protection Agency (USEPA). Iron and manganese exceed the secondary drinking water standards. However, this is not uncommon as secondary standards were established by the EPA to address aesthetic qualities of drinking water and do not impose any health risks. Environmental Monitoring will continue to provide you with the results from our monthly well water collection conducted on your well as part of the routine monitoring program.

If you have any questions regarding the results reported to you in this letter or on any aspect of our environmental program, please contact Wally Quaider by phone (648-3137) at your convenience.

Sincerely,

for Gary Stegner
Kenneth L. Morgan, Director
Public Information

FN:Quaider
Enclosure: As stated

0 64

Recycled and Recyclable

Rutgers Nease Inc. ATTACHMENT

TYPE OF METAL	CONCENTRATION (mg/L) 1992	CONCENTRATION (mg/L) 1993	STANDARD
Arsenic	0.016	0.013	0.050[a]
Barium	<0.200	<0.200	2.000[b]
Cadmium	<0.005	<0.005	0.005[b]
Calcium	100.000	92.710	N/A[e]
Chromium	<0.010	<0.010	0.100[b]
Copper	<0.025	<0.025	1.300[c]
Iron	0.990	0.908	0.300[d]
Lead	<0.003	0.013	0.015[c]
Magnesium	25.000	23.880	N/A[e]
Manganese	0.370	0.356	0.050[d]
Nickel	<0.040	<0.040	N/A[e]
Potassium	13.000	12.000	N/A[e]
Selenium	<0.005	<0.005	0.050[b]
Silver	<0.010	<0.010	0.100[d]
Sodium	6.200	7.561	N/A[e]
Zinc	0.045	<0.020	5.000[d]

a. Code of Federal Regulations, Title 40, Part 141, National Primary Drinking Water Regulations - Subpart B - Maximum Contamination Levels, July 1, 1992.

b. Code of Federal Regulations, Title 40, Part 141, National Primary Drinking Water Regulations - Subpart G - National Revised Primary Drinking Water Regulations: Maximum Contamination Levels, July 1, 1992.

c. Code of Federal Regulations, Title 40, Part 141, National Primary Drinking Water Regulations - Subpart I - Control of Lead and Copper, July 1, 1992.

d. Code of Federal Regulations, Title 40, Part 143, National Secondary Drinking Water Regulations, July 1, 1992. These regulations establish guidelines for the aesthetic qualities relating to the public acceptance of drinking water.

e. N/A: Not Applicable; No DOE or USEPA standards have been established for calcium, magnesium, nickel, potassium, and sodium.

<: The "less than" symbol (<) indicates that the laboratory was unable to detect this particular metal in your water. The number following this symbol represents the lowest concentration the laboratory is able to detect; i.e., <0.04 means the laboratory can only detect as low as 0.04 mg/L and your water sample may contain 0.0 to 0.04 mg/L of that metal.

- 5324

Department of Energy
Fernald Environmental Management Project
P.O. Box 398705
Cincinnati, Ohio 45239-8705
(513) 738-6357

DEC 22 1993
DOE-0329-94

Doris Turner
[redacted]

Dear Mrs. Turner:

The purpose of this letter is to provide you with the results of the water sampling of your wells conducted by Fernald Environmental Restoration Management Corporation (FERMCO). Your wells were sampled for total metals as part of our continuing Environmental Monitoring Program in July 1992 and 1993. The attachments provide results from the 1992 and 1993 total metal analyses, expressed in milligrams of a particular element per liter of water (mg/L). The established standards are also provided, where applicable.

The data do not indicate any unusual results. All of the results are within the recommended primary drinking water guidelines established by the Department of Energy (DOE) and the U.S. Environmental Protection Agency (USEPA). Iron exceeds the secondary drinking water standards. However this is not uncommon as secondary standards were established by the EPA to address aesthetic qualities of drinking water and do not impose any health risks. Environmental Monitoring will continue to provide you with the results from our monthly well water collection conducted on your well as part of the routine monitoring program.

If you have any questions regarding the results reported to you in this letter or on any aspect of our environmental program, please contact Wally Quaider by phone (648-3137) at your convenience.

Sincerely,

for Kenneth L. Morgan, Director
Public Information

FN:Quaider
Enclosure: As stated

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Recycled and Recyclable

ATTACHMENT

Barn

TYPE OF METAL	CONCENTRATION (mg/L) 1992	CONCENTRATION (mg/L) 1993	STANDARD
Arsenic	<0.010	<0.010	0.050[a]
Barium	<0.200	<0.200	2.000[b]
Cadmium	<0.005	<0.005	0.005[b]
Calcium	21.000	88.070	N/A[e]
Chromium	<0.010	<0.010	0.100[b]
Copper	<0.025	0.038	1.300[c]
Iron	<0.100	0.106	0.300[d]
Lead	<0.003	<0.003	0.015[c]
Magnesium	5.900	25.130	N/A[e]
Manganese	0.017	0.074	0.050[d]
Nickel	<0.040	<0.040	N/A[e]
Potassium	<5.000	<5.000	N/A[e]
Selenium	<0.005	<0.005	0.050[b]
Silver	<0.010	<0.010	0.100[d]
Sodium	130.000	6.140	N/A[e]
Zinc	<0.020	<0.020	5.000[d]

a. Code of Federal Regulations, Title 40, Part 141, National Primary Drinking Water Regulations - Subpart B - Maximum Contamination Levels, July 1, 1992.

b. Code of Federal Regulations, Title 40, Part 141, National Primary Drinking Water Regulations - Subpart G - National Revised Primary Drinking Water Regulations: Maximum Contamination Levels, July 1, 1992.

c. Code of Federal Regulations, Title 40, Part 141, National Primary Drinking Water Regulations - Subpart I - Control of Lead and Copper, July 1, 1992.

d. Code of Federal Regulations, Title 40, Part 143, National Secondary Drinking Water Regulations, July 1, 1992. These regulations establish guidelines for the aesthetic qualities relating to the public acceptance of drinking water.

e. N/A: Not Applicable; No DOE or USEPA standards have been established for calcium, magnesium, nickel, potassium, and sodium.

<: The "less than" symbol (<) indicates that the laboratory was unable to detect this particular metal in your water. The number following this symbol represents the lowest concentration the laboratory is able to detect; i.e., <0.04 means the laboratory can only detect as low as 0.04 mg/L and your water sample may contain 0.0 to 0.04 mg/L of that metal.

D. Turner

ATTACHMENT
House

TYPE OF METAL	CONCENTRATION (mg/L) 1992	CONCENTRATION (mg/L) 1993	STANDARD
Arsenic	<0.010	<0.010	0.050[a]
Barium	<0.200	<0.200	2.000[b]
Cadmium	<0.005	<0.005	0.005[b]
Calcium	21.000	88.600	N/A[e]
Chromium	<0.010	<0.010	0.100[b]
Copper	<0.025	<0.025	1.300[c]
Iron	0.150	0.114	0.300[d]
Lead	0.0053	<0.003	0.015[c]
Magnesium	5.900	25.260	N/A[e]
Manganese	0.018	0.076	0.050[d]
Nickel	<0.040	<0.040	N/A[e]
Potassium	<5.000	<5.000	N/A[e]
Selenium	<0.005	<0.005	0.050[b]
Silver	<0.010	<0.010	0.100[d]
Sodium	<5.000	5.992	N/A[e]
Zinc	0.044	<0.020	5.000[d]

a. Code of Federal Regulations, Title 40, Part 141, National Primary Drinking Water Regulations - Subpart B - Maximum Contamination Levels, July 1, 1992.

b. Code of Federal Regulations, Title 40, Part 141, National Primary Drinking Water Regulations - Subpart G - National Revised Primary Drinking Water Regulations: Maximum Contamination Levels, July 1, 1992.

c. Code of Federal Regulations, Title 40, Part 141, National Primary Drinking Water Regulations - Subpart I - Control of Lead and Copper, July 1, 1992.

d. Code of Federal Regulations, Title 40, Part 143, National Secondary Drinking Water Regulations, July 1, 1992. These regulations establish guidelines for the aesthetic qualities relating to the public acceptance of drinking water.

e. N/A: Not Applicable; No DOE or USEPA standards have been established for calcium, magnesium, nickel, potassium, and sodium.

<: The "less than" symbol (<) indicates that the laboratory was unable to detect this particular metal in your water. The number following this symbol represents the lowest concentration the laboratory is able to detect; i.e., <0.04 means the laboratory can only detect as low as 0.04 mg/L and your water sample may contain 0.0 to 0.04 mg/L of that metal.

5324

Department of Energy
Fernald Environmental Management Project
P.O. Box 398705
Cincinnati, Ohio 45239-8705
(513) 738-6357

DEC 22 1993
DOE-0329-94

Renck's Nursery
ATTN: Thomas Renck
11765 Hamilton-Cleves Road
Hamilton, Ohio 45030

Dear Mr. Renck:

The purpose of this letter is to provide you with the results of the water sampling of your wells conducted by Fernald Environmental Restoration Management Corporation (FERMCO). Your wells were sampled for total metals as part of our continuing Environmental Monitoring Program in July 1992 and 1993. The attachments provide results from the 1992 and 1993 total metal analyses, expressed in milligrams of a particular element per liter of water (mg/L). The established standards are also provided, where applicable.

The data do not indicate any unusual results. All of the results are within the recommended primary drinking water guidelines established by the Department of Energy (DOE) and the U.S. Environmental Protection Agency (USEPA). Manganese exceeds the secondary drinking water standards. However this is not uncommon as secondary standards were established by the EPA to address aesthetic qualities of drinking water and do not impose any health risks. Environmental Monitoring will continue to provide you with the results from our monthly well water collection conducted on your well as part of the routine monitoring program.

If you have any questions regarding the results reported to you in this letter or on any aspect of our environmental program, please contact Wally Quaider by phone (648-3137) at your convenience.

Sincerely,

for Kenneth L. Morgan, Director
Public Information

FN:Quaider
Enclosure: As stated

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Recycled and Recyclable

Renck's Nursery ATTACHMENT

Barn

TYPE OF METAL	CONCENTRATION (mg/L) 1992	CONCENTRATION (mg/L) 1993	STANDARD
Arsenic	<0.010	<0.010	0.050[a]
Barium	<0.200	<0.200	2.000[b]
Cadmium	<0.005	<0.005	0.005[b]
Calcium	120.000	118.400	N/A[e]
Chromium	<0.010	<0.010	0.100[b]
Copper	<0.025	<0.025	1.300[c]
Iron	<0.100	<0.100	0.300[d]
Lead	<0.003	<0.003	0.015[c]
Magnesium	33.000	34.120	N/A[e]
Manganese	0.086	0.104	0.050[d]
Nickel	<0.040	<0.040	N/A[e]
Potassium	<5.000	<5.000	N/A[e]
Selenium	<0.005	<0.005	0.050[b]
Silver	<0.010	<0.010	0.100[d]
Sodium	9.600	9.426	N/A[e]
Zinc	0.041	0.035	5.000[d]

a. Code of Federal Regulations, Title 40, Part 141, National Primary Drinking Water Regulations - Subpart B - Maximum Contamination Levels, July 1, 1992.

b. Code of Federal Regulations, Title 40, Part 141, National Primary Drinking Water Regulations - Subpart G - National Revised Primary Drinking Water Regulations: Maximum Contamination Levels, July 1, 1992.

c. Code of Federal Regulations, Title 40, Part 141, National Primary Drinking Water Regulations - Subpart I - Control of Lead and Copper, July 1, 1992.

d. Code of Federal Regulations, Title 40, Part 143, National Secondary Drinking Water Regulations, July 1, 1992. These regulations establish guidelines for the aesthetic qualities relating to the public acceptance of drinking water.

e. N/A: Not Applicable; No DOE or USEPA standards have been established for calcium, magnesium, nickel, potassium, and sodium.

<: The "less than" symbol (<) indicates that the laboratory was unable to detect this particular metal in your water. The number following this symbol represents the lowest concentration the laboratory is able to detect; i.e., <0.04 means the laboratory can only detect as low as 0.04 mg/L and your water sample may contain 0.0 to 0.04 mg/L of that metal.

Renck's Nursery

ATTACHMENT
House

TYPE OF METAL	CONCENTRATION (mg/L) 1992	CONCENTRATION (mg/L) 1993	STANDARD
Arsenic	<0.010	<0.010	0.050[a]
Barium	<0.200	<0.200	2.000[b]
Cadmium	<0.005	<0.005	0.005[b]
Calcium	130.000	110.400	N/A[e]
Chromium	<0.010	<0.010	0.100[b]
Copper	<0.025	<0.025	1.300[c]
Iron	<0.100	<0.100	0.300[d]
Lead	<0.003	<0.003	0.015[c]
Magnesium	34.000	31.320	N/A[e]
Manganese	<0.015	<0.015	0.050[d]
Nickel	<0.040	<0.040	N/A[e]
Potassium	<5.000	<5.000	N/A[e]
Selenium	<0.005	<0.005	0.050[b]
Silver	<0.010	<0.010	0.100[d]
Sodium	76.000	9.224	N/A[e]
Zinc	0.060	<0.020	5.000[d]

a. Code of Federal Regulations, Title 40, Part 141, National Primary Drinking Water Regulations - Subpart B - Maximum Contamination Levels, July 1, 1992.

b. Code of Federal Regulations, Title 40, Part 141, National Primary Drinking Water Regulations - Subpart G - National Revised Primary Drinking Water Regulations: Maximum Contamination Levels, July 1, 1992.

c. Code of Federal Regulations, Title 40, Part 141, National Primary Drinking Water Regulations - Subpart I - Control of Lead and Copper, July 1, 1992.

d. Code of Federal Regulations, Title 40, Part 143, National Secondary Drinking Water Regulations, July 1, 1992. These regulations establish guidelines for the aesthetic qualities relating to the public acceptance of drinking water.

e. N/A: Not Applicable; No DOE or USEPA standards have been established for calcium, magnesium, nickel, potassium, and sodium.

<: The "less than" symbol (<) indicates that the laboratory was unable to detect this particular metal in your water. The number following this symbol represents the lowest concentration the laboratory is able to detect; i.e., <0.04 means the laboratory can only detect as low as 0.04 mg/L and your water sample may contain 0.0 to 0.04 mg/L of that metal.

- 5324

Department of Energy
Fernald Environmental Management Project
P.O. Box 398705
Cincinnati, Ohio 45239-8705
(513) 738-6357

DEC 22 1993
DOE-0329-94

Southwestern Ohio Water Company
ATTN: Frank Divo
11300 Cornell Park Drive #385
Cincinnati, Ohio 45242

Dear Mr. Divo:

The purpose of this letter is to provide you with the results of the water sampling of your wells conducted by Fernald Environmental Restoration Management Corporation (FERMCO). Southwestern Ohio wells 1 and 2 were sampled for total metals as part of our continuing Environmental Monitoring Program in July 1992 and 1993. The attachments provide results from the 1992 and 1993 total metal analyses, expressed in milligrams of a particular element per liter of water (mg/L). The established standards are also provided, where applicable.

The data do not indicate any unusual results. All of the results are within the recommended primary drinking water guidelines established by the Department of Energy (DOE) and the U.S. Environmental Protection Agency (USEPA). Manganese exceeds the secondary drinking water standards. However, this is not uncommon as secondary standards were established by the EPA to address aesthetic qualities of drinking water and do not impose any health risks. Environmental Monitoring will continue to provide you with the results from our monthly well water collection conducted on your well as part of the routine monitoring program.
If you have any questions regarding the results reported to you in this letter or on any aspect of our environmental program, please contact Wally Quaider by phone (648-3137) at your convenience.

Sincerely,

Gary Stegner
for Kenneth L. Morgan, Director
Public Information

FN:Quaider
Enclosure: As stated

0 72

Recycled and Recyclable

Southwestern Ohio Water Company

ATTACHMENT
SW 1-9

TYPE OF METAL	CONCENTRATION (mg/L) 1992	CONCENTRATION (mg/L) 1993	STANDARD
Arsenic	<0.010	<0.010	0.050[a]
Barium	<0.200	<0.200	2.000[b]
Cadmium	<0.005	<0.005	0.005[b]
Calcium	76.000	72.830	N/A[e]
Chromium	<0.010	<0.010	0.100[b]
Copper	<0.025	<0.025	1.300[c]
Iron	0.260	<0.100	0.300[d]
Lead	<0.003	<0.003	0.015[c]
Magnesium	26.000	27.070	N/A[e]
Manganese	0.230	0.232	0.050[d]
Nickel	<0.040	<0.040	N/A[e]
Potassium	<5.000	<5.000	N/A[e]
Selenium	<0.005	<0.005	0.050[b]
Silver	<0.010	<0.010	0.100[d]
Sodium	30.000	30.090	N/A[e]
Zinc	0.069	0.025	5.000[d]

a. Code of Federal Regulations, Title 40, Part 141, National Primary Drinking Water Regulations - Subpart B - Maximum Contamination Levels, July 1, 1992.

b. Code of Federal Regulations, Title 40, Part 141, National Primary Drinking Water Regulations - Subpart G - National Revised Primary Drinking Water Regulations: Maximum Contamination Levels, July 1, 1992.

c. Code of Federal Regulations, Title 40, Part 141, National Primary Drinking Water Regulations - Subpart I - Control of Lead and Copper, July 1, 1992.

d. Code of Federal Regulations, Title 40, Part 143, National Secondary Drinking Water Regulations, July 1, 1992. These regulations establish guidelines for the aesthetic qualities relating to the public acceptance of drinking water.

e. N/A: Not Applicable; No DOE or USEPA standards have been established for calcium, magnesium, nickel, potassium, and sodium.

<: The "less than" symbol (<) indicates that the laboratory was unable to detect this particular metal in your water. The number following this symbol represents the lowest concentration the laboratory is able to detect; i.e., <0.04 means the laboratory can only detect as low as 0.04 mg/L and your water sample may contain 0.0 to 0.04 mg/L of that metal.

Southwestern Ohio
Water Company

ATTACHMENT
SW 2-8

TYPE OF METAL	CONCENTRATION (mg/L) 1992	CONCENTRATION (mg/L) 1993	STANDARD
Arsenic	<0.010	<0.010	0.050[a]
Barium	<0.200	<0.200	2.000[b]
Cadmium	<0.005	<0.005	0.005[b]
Calcium	81.000	94.000	N/A[e]
Chromium	<0.010	<0.010	0.100[b]
Copper	<0.025	<0.025	1.300[c]
Iron	0.270	0.203	0.300[d]
Lead	<0.003	<0.003	0.015[c]
Magnesium	23.000	29.260	N/A[e]
Manganese	0.150	0.147	0.050[d]
Nickel	<0.040	<0.040	N/A[e]
Potassium	<5.000	<5.000	N/A[e]
Selenium	<0.005	<0.005	0.050[b]
Silver	<0.010	<0.010	0.100[d]
Sodium	19.000	19.160	N/A[e]
Zinc	0.120	0.055	5.000[d]

a. Code of Federal Regulations, Title 40, Part 141, National Primary Drinking Water Regulations - Subpart B - Maximum Contamination Levels, July 1, 1992.

b. Code of Federal Regulations, Title 40, Part 141, National Primary Drinking Water Regulations - Subpart G - National Revised Primary Drinking Water Regulations: Maximum Contamination Levels, July 1, 1992.

c. Code of Federal Regulations, Title 40, Part 141, National Primary Drinking Water Regulations - Subpart I - Control of Lead and Copper, July 1, 1992.

d. Code of Federal Regulations, Title 40, Part 143, National Secondary Drinking Water Regulations, July 1, 1992. These regulations establish guidelines for the aesthetic qualities relating to the public acceptance of drinking water.

e. N/A: Not Applicable; No DOE or USEPA standards have been established for calcium, magnesium, nickel, potassium, and sodium.

<: The "less than" symbol (<) indicates that the laboratory was unable to detect this particular metal in your water. The number following this symbol represents the lowest concentration the laboratory is able to detect; i.e., <0.04 means the laboratory can only detect as low as 0.04 mg/L and your water sample may contain 0.0 to 0.04 mg/L of that metal.

5324

Department of Energy
Fernald Environmental Management Project
P.O. Box 398705
Cincinnati, Ohio 45239-8705
(513) 738-6357

DEC 22 1993

DOE-0329-94

Knollman Farms, Inc.
ATTN: Norman Knollman
7312 Willey Road
Hamilton, Ohio 45013

Dear Mr. Knollman:

The purpose of this letter is to provide you with the results of the water sampling of your wells conducted by Fernald Environmental Restoration Management Corporation (FERMCO). Your wells were sampled for total metals as part of our continuing Environmental Monitoring Program in July 1992 and 1993. The attachments provide results from the 1992 and 1993 total metal analyses, expressed in milligrams of a particular element per liter of water (mg/L). The established standards are also provided, where applicable.

The data do not indicate any unusual results. All of the results are within the recommended primary drinking water standards established by the Department of Energy (DOE) and the U.S. Environmental Protection Agency (USEPA). Iron and Manganese exceed the secondary drinking water standards. However this is not uncommon as secondary standards were established by the EPA to address aesthetic qualities of drinking water and do not impose any health risks. Environmental Monitoring will continue to provide you with the results from our monthly well water collection conducted on your well as part of the routine monitoring program.

If you have any questions regarding the results reported to you in this letter or on any aspect of our environmental program, please contact Wally Quaider by phone (648-3137) at your convenience.

Sincerely,

for Kenneth L. Morgan, Director
Public Information

FN:Quaider

Enclosure: As stated

0 75

Recycled and Recyclable

Knollman Farms, Inc.

ATTACHMENT
Old Shallow Well

TYPE OF METAL	CONCENTRATION (mg/L) 1992	CONCENTRATION (mg/L) 1993	STANDARD
Arsenic	<0.010	<0.010	0.050[a]
Barium	<0.200	<0.200	2.000[b]
Cadmium	<0.005	<0.005	0.005[b]
Calcium	63.000	86.320	N/A[e]
Chromium	<0.010	<0.010	0.100[b]
Copper	0.048	0.055	1.300[c]
Iron	0.990	3.319	0.300[d]
Lead	0.025	0.043	0.015[c]
Magnesium	15.000	23.000	N/A[e]
Manganese	0.210	0.127	0.050[d]
Nickel	<0.040	<0.040	N/A[e]
Potassium	7.300	<5.000	N/A[e]
Selenium	<0.005	<0.005	0.050[b]
Silver	<0.010	<0.010	0.100[d]
Sodium	9.400	10.750	N/A[e]
Zinc	2.000	1.485	5.000[d]

a. Code of Federal Regulations, Title 40, Part 141, National Primary Drinking Water Regulations - Subpart B - Maximum Contamination Levels, July 1, 1992.

b. Code of Federal Regulations, Title 40, Part 141, National Primary Drinking Water Regulations - Subpart G - National Revised Primary Drinking Water Regulations: Maximum Contamination Levels, July 1, 1992.

c. Code of Federal Regulations, Title 40, Part 141, National Primary Drinking Water Regulations - Subpart I - Control of Lead and Copper, July 1, 1992.

d. Code of Federal Regulations, Title 40, Part 143, National Secondary Drinking Water Regulations, July 1, 1992. These regulations establish guidelines for the aesthetic qualities relating to the public acceptance of drinking water.

e. N/A: Not Applicable; No DOE or USEPA standards have been established for calcium, magnesium, nickel, potassium, and sodium.

<: The "less than" symbol (<) indicates that the laboratory was unable to detect this particular metal in your water. The number following this symbol represents the lowest concentration the laboratory is able to detect; i.e., <0.04 means the laboratory can only detect as low as 0.04 mg/L and your water sample may contain 0.0 to 0.04 mg/L of that metal.

Knollman Farms, Inc.

ATTACHMENT
New Deep Well

TYPE OF METAL	CONCENTRATION (mg/L) 1992	CONCENTRATION (mg/L) 1993	STANDARD
Arsenic	<0.010	<0.010	0.050[a]
Barium	<0.200	<0.200	2.000[b]
Cadmium	<0.005	<0.005	0.005[b]
Calcium	88.000	92.730	N/A[e]
Chromium	<0.010	<0.010	0.100[b]
Copper	<0.025	<0.025	1.300[c]
Iron	4.300	3.920	0.300[d]
Lead	<0.003	0.013	0.015[c]
Magnesium	22.000	23.380	N/A[e]
Manganese	0.290	0.304	0.050[d]
Nickel	<0.040	<0.040	N/A[e]
Potassium	<5.000	<5.000	N/A[e]
Selenium	<0.005	<0.005	0.050[b]
Silver	<0.010	<0.010	0.100[d]
Sodium	10.000	11.400	N/A[e]
Zinc	0.048	0.064	5.000[d]

a. Code of Federal Regulations, Title 40, Part 141, National Primary Drinking Water Regulations - Subpart B - Maximum Contamination Levels, July 1, 1992.

b. Code of Federal Regulations, Title 40, Part 141, National Primary Drinking Water Regulations - Subpart G - National Revised Primary Drinking Water Regulations: Maximum Contamination Levels, July 1, 1992.

c. Code of Federal Regulations, Title 40, Part 141, National Primary Drinking Water Regulations - Subpart I - Control of Lead and Copper, July 1, 1992.

d. Code of Federal Regulations, Title 40, Part 143, National Secondary Drinking Water Regulations, July 1, 1992. These regulations establish guidelines for the aesthetic qualities relating to the public acceptance of drinking water.

e. N/A: Not Applicable; No DOE or USEPA standards have been established for calcium, magnesium, nickel, potassium, and sodium.

<: The "less than" symbol (<) indicates that the laboratory was unable to detect this particular metal in your water. The number following this symbol represents the lowest concentration the laboratory is able to detect; i.e., <0.04 means the laboratory can only detect as low as 0.04 mg/L and your water sample may contain 0.0 to 0.04 mg/L of that metal.

Knollman Farms, Inc.

ATTACHMENT
House Well

TYPE OF METAL	CONCENTRATION (mg/L) 1992	CONCENTRATION (mg/L) 1993	STANDARD
Arsenic	<0.010	<0.010	0.050[a]
Barium	<0.200	<0.200	2.000[b]
Cadmium	<0.005	<0.005	0.005[b]
Calcium	11.000	106.700	N/A[e]
Chromium	<0.010	<0.010	0.100[b]
Copper	<0.025	<0.025	1.300[c]
Iron	0.560	0.632	0.300[d]
Lead	<0.003	0.008	0.015[c]
Magnesium	29.000	30.110	N/A[e]
Manganese	0.340	0.337	0.050[d]
Nickel	<0.040	<0.040	N/A[e]
Potassium	7.100	10.290	N/A[e]
Selenium	<0.005	<0.005	0.050[b]
Silver	<0.010	<0.010	0.100[d]
Sodium	27.000	24.500	N/A[e]
Zinc	0.130	0.075	5.000[d]

a. Code of Federal Regulations, Title 40, Part 141, National Primary Drinking Water Regulations - Subpart B - Maximum Contamination Levels, July 1, 1992.

b. Code of Federal Regulations, Title 40, Part 141, National Primary Drinking Water Regulations - Subpart G - National Revised Primary Drinking Water Regulations: Maximum Contamination Levels, July 1, 1992.

c. Code of Federal Regulations, Title 40, Part 141, National Primary Drinking Water Regulations - Subpart I - Control of Lead and Copper, July 1, 1992.

d. Code of Federal Regulations, Title 40, Part 143, National Secondary Drinking Water Regulations, July 1, 1992. These regulations establish guidelines for the aesthetic qualities relating to the public acceptance of drinking water.

e. N/A: Not Applicable; No DOE or USEPA standards have been established for calcium, magnesium, nickel, potassium, and sodium.

<: The "less than" symbol (<) indicates that the laboratory was unable to detect this particular metal in your water. The number following this symbol represents the lowest concentration the laboratory is able to detect; i.e., <0.04 means the laboratory can only detect as low as 0.04 mg/L and your water sample may contain 0.0 to 0.04 mg/L of that metal.

- 5324

Department of Energy
Fernald Environmental Management Project
P.O. Box 398705
Cincinnati, Ohio 45239-8705
(513) 738-6357

DEC 22 1993
DOE-0329-94

Welch Sand & Gravel
ATTN: James Welch
8953 E. Miami River Road
Cincinnati, Ohio 45247

Dear Mr. Welch:

The purpose of this letter is to provide you with the results of the water sampling of your wells conducted by Fernald Environmental Restoration Management Corporation (FERMCO). Your well and surface water were sampled for total metals as part of our continuing Environmental Monitoring Program in July 1992 and 1993. The attachments provide results from the 1992 and 1993 total metal analyses, expressed in milligrams of a particular element per liter of water (mg/L). The established standards are also provided, where applicable.

The data do not indicate any unusual results. All of the results are within the recommended primary drinking water guidelines established by the Department of Energy (DOE) and the U.S. Environmental Protection Agency (USEPA). Manganese exceeds the secondary drinking water standards. However, this is not uncommon as secondary standards were established by the EPA to address aesthetic qualities of drinking water and do not impose any health risks. Environmental Monitoring will continue to provide you with the results from our monthly well water collection conducted on your well as part of the routine monitoring program.

If you have any questions regarding the results reported to you in this letter or on any aspect of our environmental program, please contact Wally Quaider by phone (648-3137) at your convenience.

Sincerely,

for Kenneth L. Morgan, Director
Public Information

FN:Quaider
Enclosure: As stated

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Recycled and Recyclable

ATTACHMENT
Pit

TYPE OF METAL	CONCENTRATION (mg/L) 1992	CONCENTRATION (mg/L) 1993	STANDARD
Arsenic	<0.010	<0.010	0.050[a]
Barium	<0.200	<0.200	2.000[b]
Cadmium	<0.005	<0.005	0.005[b]
Calcium	61.000	67.780	N/A[e]
Chromium	<0.010	<0.010	0.100[b]
Copper	<0.025	<0.025	1.300[c]
Iron	<0.100	0.251	0.300[d]
Lead	0.003	<0.003	0.015[c]
Magnesium	27.000	25.340	N/A[e]
Manganese	<0.015	0.030	0.050[d]
Nickel	<0.040	<0.040	N/A[e]
Potassium	<5.000	<5.000	N/A[e]
Selenium	<0.005	<0.005	0.050[b]
Silver	<0.010	<0.010	0.100[d]
Sodium	8.000	9.089	N/A[e]
Zinc	<0.020	<0.020	5.000[d]

a. Code of Federal Regulations, Title 40, Part 141, National Primary Drinking Water Regulations - Subpart B - Maximum Contamination Levels, July 1, 1992.

b. Code of Federal Regulations, Title 40, Part 141, National Primary Drinking Water Regulations - Subpart G - National Revised Primary Drinking Water Regulations: Maximum Contamination Levels, July 1, 1992.

c. Code of Federal Regulations, Title 40, Part 141, National Primary Drinking Water Regulations - Subpart I - Control of Lead and Copper, July 1, 1992.

d. Code of Federal Regulations, Title 40, Part 143, National Secondary Drinking Water Regulations, July 1, 1992. These regulations establish guidelines for the aesthetic qualities relating to the public acceptance of drinking water.

e. N/A: Not Applicable; No DOE or USEPA standards have been established for calcium, magnesium, nickel, potassium, and sodium.

<: The "less than" symbol (<) indicates that the laboratory was unable to detect this particular metal in your water. The number following this symbol represents the lowest concentration the laboratory is able to detect; i.e., <0.04 means the laboratory can only detect as low as 0.04 mg/L and your water sample may contain 0.0 to 0.04 mg/L of that metal.

J.Welch

ATTACHMENT
Well

TYPE OF METAL	CONCENTRATION (mg/L) 1992	CONCENTRATION (mg/L) 1993	STANDARD
Arsenic	NS	<0.010	0.050[a]
Barium	NS	<0.200	2.000[b]
Cadmium	NS	<0.005	0.005[b]
Calcium	NS	139.300	N/A[e]
Chromium	NS	<0.010	0.100[b]
Copper	NS	<0.025	1.300[c]
Iron	NS	0.294	0.300[d]
Lead	NS	<0.003	0.015[c]
Magnesium	NS	36.450	N/A[e]
Manganese	NS	220.5	0.050[d]
Nickel	NS	<0.040	N/A[e]
Potassium	NS	<5.000	N/A[e]
Selenium	NS	<0.005	0.050[b]
Silver	NS	<0.010	0.100[d]
Sodium	NS	8.277	N/A[e]
Zinc	NS	<0.020	5.000[d]

a. Code of Federal Regulations, Title 40, Part 141, National Primary Drinking Water Regulations - Subpart B - Maximum Contamination Levels, July 1, 1992.

b. Code of Federal Regulations, Title 40, Part 141, National Primary Drinking Water Regulations - Subpart G - National Revised Primary Drinking Water Regulations: Maximum Contamination Levels, July 1, 1992.

c. Code of Federal Regulations, Title 40, Part 141, National Primary Drinking Water Regulations - Subpart I - Control of Lead and Copper, July 1, 1992.

d. Code of Federal Regulations, Title 40, Part 143, National Secondary Drinking Water Regulations, July 1, 1992. These regulations establish guidelines for the aesthetic qualities relating to the public acceptance of drinking water.

e. N/A: Not Applicable; No DOE or USEPA standards have been established for calcium, magnesium, nickel, potassium, and sodium.

<: The "less than" symbol (<) indicates that the laboratory was unable to detect this particular metal in your water. The number following this symbol represents the lowest concentration the laboratory is able to detect; i.e., <0.04 means the laboratory can only detect as low as 0.04 mg/L and your water sample may contain 0.0 to 0.04 mg/L of that metal.

'NS' indicates no sample collected.

5324

Department of Energy
Fernald Environmental Management Project
P.O. Box 398705
Cincinnati, Ohio 45239-8705
(513) 738-6357

DEC 22 1993

DOE-0329-94

Joan Pottenger
[redacted]

Dear Mrs. Pottenger:

The purpose of this letter is to provide you with the results of the water sampling of your well conducted by Fernald Environmental Restoration Management Corporation (FERMCO). Your well was sampled for total metals as part of our continuing Environmental Monitoring Program in July 1992 and 1993. The attachment provides results from the 1992 and 1993 total metal analyses, expressed in milligrams of a particular element per liter of water (mg/L). The established standards are also provided, where applicable.

The data do not indicate any unusual results. All of the results are within the recommended primary drinking water guidelines established by the Department of Energy (DOE) and the U.S. Environmental Protection Agency (USEPA). Iron exceeds the secondary drinking water standards. However this is not uncommon as secondary standards were established by the EPA to address aesthetic qualities of drinking water and do not impose any health risks. Environmental Monitoring will continue to provide you with the results from our monthly well water collection conducted on your well as part of the routine monitoring program.

If you have any questions regarding the results reported to you in this letter or on any aspect of our environmental program, please contact Wally Quaider by phone (648-3137) at your convenience.

Sincerely,

for Gary Stegner

Kenneth L. Morgan, Director
Public Information

FN:Quaider
Enclosure: As stated

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Recycled and Recyclable

ATTACHMENT
Outside Faucet

TYPE OF METAL	CONCENTRATION (mg/L) 1992	CONCENTRATION (mg/L) 1993	STANDARD
Arsenic	NS	<0.010	0.050[a]
Barium	NS	<0.200	2.000[b]
Cadmium	NS	<0.005	0.005[b]
Calcium	NS	104.100	N/A[e]
Chromium	NS	<0.010	0.100[b]
Copper	NS	0.041	1.300[c]
Iron	NS	1.455	0.300[d]
Lead	NS	0.009	0.015[c]
Magnesium	NS	25.960	N/A[e]
Manganese	NS	0.015	0.050[d]
Nickel	NS	<0.040	N/A[e]
Potassium	NS	<5.000	N/A[e]
Selenium	NS	<0.005	0.050[b]
Silver	NS	<0.010	0.100[d]
Sodium	NS	11.420	N/A[e]
Zinc	NS	0.219	5.000[d]

a. Code of Federal Regulations, Title 40, Part 141, National Primary Drinking Water Regulations - Subpart B - Maximum Contamination Levels, July 1, 1992.

b. Code of Federal Regulations, Title 40, Part 141, National Primary Drinking Water Regulations - Subpart G - National Revised Primary Drinking Water Regulations: Maximum Contamination Levels, July 1, 1992.

c. Code of Federal Regulations, Title 40, Part 141, National Primary Drinking Water Regulations - Subpart I - Control of Lead and Copper, July 1, 1992.

d. Code of Federal Regulations, Title 40, Part 143, National Secondary Drinking Water Regulations, July 1, 1992. These regulations establish guidelines for the aesthetic qualities relating to the public acceptance of drinking water.

e. N/A: Not Applicable; No DOE or USEPA standards have been established for calcium, magnesium, nickel, potassium, and sodium.

<: The "less than" symbol (<) indicates that the laboratory was unable to detect this particular metal in your water. The number following this symbol represents the lowest concentration the laboratory is able to detect; i.e., <0.04 means the laboratory can only detect as low as 0.04 mg/L and your water sample may contain 0.0 to 0.04 mg/L of that metal.

'NS' indicates no sample collected.

J. Pottenger

ATTACHMENT
Kitchen

TYPE OF METAL	CONCENTRATION (mg/L) 1992	CONCENTRATION (mg/L) 1993	STANDARD
Arsenic	<0.010	<0.010	0.050[a]
Barium	<0.200	<0.200	2.000[b]
Cadmium	<0.005	<0.005	0.005[b]
Calcium	<0.005	102.700	N/A[e]
Chromium	<0.010	<0.010	0.100[b]
Copper	0.042	0.041	1.300[c]
Iron	<0.010	1.419	0.300[d]
Lead	0.0054	<0.003	0.015[c]
Magnesium	<0.005	25.700	N/A[e]
Manganese	<0.015	<0.015	0.050[d]
Nickel	<0.040	<0.040	N/A[e]
Potassium	<5.000	<5.000	N/A[e]
Selenium	<0.005	<0.005	0.050[b]
Silver	<0.010	<0.010	0.100[d]
Sodium	160.000	11.990	N/A[e]
Zinc	0.054	0.213	5.000[d]

a. Code of Federal Regulations, Title 40, Part 141, National Primary Drinking Water Regulations - Subpart B - Maximum Contamination Levels, July 1, 1992.

b. Code of Federal Regulations, Title 40, Part 141, National Primary Drinking Water Regulations - Subpart G - National Revised Primary Drinking Water Regulations: Maximum Contamination Levels, July 1, 1992.

c. Code of Federal Regulations, Title 40, Part 141, National Primary Drinking Water Regulations - Subpart I - Control of Lead and Copper, July 1, 1992.

d. Code of Federal Regulations, Title 40, Part 143, National Secondary Drinking Water Regulations, July 1, 1992. These regulations establish guidelines for the aesthetic qualities relating to the public acceptance of drinking water.

e. N/A: Not Applicable; No DOE or USEPA standards have been established for calcium, magnesium, nickel, potassium, and sodium.

<: The "less than" symbol (<) indicates that the laboratory was unable to detect this particular metal in your water. The number following this symbol represents the lowest concentration the laboratory is able to detect; i.e., <0.04 means the laboratory can only detect as low as 0.04 mg/L and your water sample may contain 0.0 to 0.04 mg/L of that metal.