New York State Department of Environmental Conservation

Division of Environmental Enforcement
202 Mamaroneck Avenue Room 304
White Plains, N.Y. 10601-5381

Henry G. Williams
Commissioner

November 21, 1984

Mr. John Pattillo
Baker Properties
485 Washington Avenue
Pleasantville, NY 10570

Re: BAKER PROPERTIES SITE
Town of Cortlandt,
Westchester County

Dear Mr. Pattillo:

Thank you for your telephone call of November 21, regarding the Cortlandt site. As we discussed on the phone, enclosed is a copy of the laboratory reports for the sampling conducted by this Department. I apologize for our failure to enclose these results with my earlier letter.

I have not included data from the laboratory on Quality Assurance/Quality Control. If you would like to have these materials, I will make them available to you.

I will be contacting you shortly in order to arrange a meeting between all the parties. Thank you for your courtesy in this matter.

Very truly yours,

Louis A. Evans

Louis A. Evans
Sr. Attorney

LAE/jg
Encl.

Versar INC.

Sample #:
P 384 V05 01 A

METALS RESULTS

DATE: 7-9-84
PROJECT #: 857-28
LAB #: 994

PARAMETER	DETECTION LIMIT mg/kg	SAMPLE CONCENTRATION mg/kg	PARAMETER	DETECTION LIMIT mg/kg	SAMPLE CONCENTRATION mg/kg
As	0.5	<0.5	Be	0.1	<0.1
Sb	0.5	<0.5	Cd	1.	<1.
Se	0.5	<0.5	Cr	0.4	7.5
Tl	0.5	<0.5	Cu	0.4	5.7 c
Hg	0.1	<0.1	Ni	1.5	30.1
			Ag	0.3	0.30
			Zn	1.	22.3 c

COMMENTS:

c = BLANK CORRECTED

Test Methods for Evaluating
Solid Wastes, SW-846, 2nd Edition,
USEPA, Washington, D.C. 1982

Robert Maxfield, Lab Manager

6850 VERSAR CENTER • P.O. BOX 1549 • SPRINGFIELD, VIRGINIA 22151 • TELEPHONE: (703) 750-3000 • TELEX: 901125

Versar INC.

Sample #: P 384 V05 02 A

METALS RESULTS

DATE: 7-9-84
PROJECT #: 857-28
LAB #: 995

PARAMETER	DETECTION LIMIT mg/kg	SAMPLE CONCENTRATION mg/kg	PARAMETER	DETECTION LIMIT mg/kg	SAMPLE CONCENTRATION mg/kg
As	0.5	0.65	Be	0.1	<0.1
Sb	0.5	<0.5	Cd	1.	<1.
Se	1.+	1.8	Cr	0.4	8.6
Tl	0.5	<0.5	Cu	0.4	115.
Hg	0.1	<0.1	Ni	1.5	40.3
			Ag	0.3	<0.3
			Zn	1.	28.2 c

COMMENTS:

c = BLANK CORRECTED

+ = DETECTION LIMIT CHANGED DUE TO SAMPLE DILUTIO

Procedures in accordance with:
Test Methods for Evaluating
Solid Wastes, SW-846, 2nd Edition,
USEPA, Washington, D.C. 1982

Robert Maxfield, Lab Manag

6850 VERSAR CENTER • P.O. BOX 1549 • SPRINGFIELD, VIRGINIA 22151 • TELEPHONE: (703) 750-3000 • TELEX: 801128

Versar INC.

Sample #:
P 384 V05 03 A

METALS RESULTS

DATE: 7-9-84
PROJECT #: 857-28
LAB #: 996

PARAMETER	DETECTION LIMIT mg/kg	SAMPLE CONCENTRATION mg/kg	PARAMETER	DETECTION LIMIT mg/kg	SAMPLE CONCENTRATION mg/kg
As	0.5	<0.5	Be	0.1	<0.1
Sb	0.5	<0.5	Cd	1.	1.2
Se	0.5	0.61	Cr	0.4	21.9
Tl	0.5	<0.5	Cu	0.4	36.5 c
Hg	0.1	<0.1	Ni	1.5	56.2
			Ag	0.3	<0.3
			Zn	1.	37.3

COMMENTS:
c = BLANK CORRECTED

Test Methods for Evaluating
Solid Wastes, SW-846, 2nd Edition,
USEPA, Washington, D.C. 1982

Robert Maxfield, Lab Manager

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Versar INC.

Sample #:
P 384 V05 04 A

METALS RESULTS

DATE: 7-9-84
PROJECT #: 857-28
LAB #: 997

PARAMETER	DETECTION LIMIT mg/kg	SAMPLE CONCENTRATION mg/kg	PARAMETER	DETECTION LIMIT mg/kg	SAMPLE CONCENTRATION mg/kg
As	0.5	<0.5	Be	0.1	<0.1
Sb	0.5	<0.5	Cd	1.	<1.
Se	0.5	<0.5	Cr	0.4	16.9
Tl	0.5	<0.5	Cu	0.4	100.[c]
Hg	0.1	<0.1	Ni	1.5	39.8
			Ag	0.3	<0.3
			Zn	1.	39.9[c]

COMMENTS:

c = BLANK CORRECTED

Test Methods for Evaluating
Solid Wastes, SW-846, 2nd Edition,
USEPA, Washington, D.C. 1982

Robert Maxfield, Lab Manager

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Versar INC.

Sludge (Metals [illegible] Cu, [illegible])

Sample #:
P 384 V05 06 A

METALS RESULTS

DATE: 7-9-84
PROJECT #: 857-28
LAB #: 998

PARAMETER	DETECTION LIMIT mg/kg	SAMPLE CONCENTRATION mg/kg	PARAMETER	DETECTION LIMIT mg/kg	SAMPLE CONCENTRATION mg/kg
As	25.+	27.5	Be	0.1	<0.1
Sb	0.5	<0.5	Cd	1.	3.1
Se	2.5+	7.55	Cr	0.4	223.
Tl	0.5	<0.5	Cu	0.4	3690.c
Hg	0.1	<0.1	Ni	1.5	27500.
			Ag	0.3	0.81
			Zn	1.	8310.c

COMMENTS:
+Detection limit changed due to sample dilution.
c: BLANK CORRECTED

Test Methods for Evaluating
Solid Wastes, SW-846, 2nd Edition,
USEPA, Washington, D.C. 1982

Robert Maxfield, Lab Manager

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Versar INC.

sludge (EP tox results [illegible] Cu, [illegible])

Sample #:
P 384 V05 07 A

METALS RESULTS

DATE: 7-9-84
PROJECT #: 857-28
LAB #: 999

PARAMETER	DETECTION LIMIT mg/kg	SAMPLE CONCENTRATION mg/kg	PARAMETER	DETECTION LIMIT mg/kg	SAMPLE CONCENTRATION mg/kg
As	1.+	5.0	Be	0.1	<0.1
Sb	0.5	<0.5	Cd	1.	1.6
Se	10.+	13.0	Cr	0.4	5.7
Tl	0.5	<0.5	Cu	0.4	15,800.c
Hg	0.1	<0.1	Ni	1.5	13,800.
			Ag	0.3	0.70
			Zn	1.	9500.c

COMMENTS:
+Detection limit changed due to sample dilution.
c = BLANK CORRECTED

Test Methods for Evaluating
Solid Wastes, SW-846, 2nd Edition,
USEPA, Washington, D.C. 1982

Robert Maxfield, Lab Manager

6850 VERSAR CENTER • P.O. BOX 1549 • SPRINGFIELD, VIRGINIA 22151 • TELEPHONE: (703) 750-3000 • TELEX: 901125

New York State Department of Environmental Conservation

Division of Environmental Enforcement
202 Mamaroneck Avenue Room 304
White Plains, N.Y. 10601-5381

Henry G. Williams
Commissioner

November 21, 1984

Mr. John Pattillo
Baker Properties
485 Washington Avenue
Pleasantville, NY 10570

Re: BAKER PROPERTIES SITE
Town of Cortlandt,
Westchester County

Dear Mr. Pattillo:

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I have not included data from the laboratory on Quality Assurance/Quality Control. If you would like to have these materials, I will make them available to you.

I will be contacting you shortly in order to arrange a meeting between all the parties. Thank you for your courtesy in this matter.

Very truly yours,

Louis A. Evans

Louis A. Evans
Sr. Attorney

LAE/jg
Encl.

Versar INC.

Sample #:
P 384 V05 01 A

METALS RESULTS

DATE: 7-9-84
PROJECT #: 857-28
LAB #: 994

PARAMETER	DETECTION LIMIT mg/kg	SAMPLE CONCENTRATION mg/kg	PARAMETER	DETECTION LIMIT mg/kg	SAMPLE CONCENTRATION mg/kg
As	0.5	<0.5	Be	0.1	<0.1
Sb	0.5	<0.5	Cd	1.	<1.
Se	0.5	<0.5	Cr	0.4	7.5
Tl	0.5	<0.5	Cu	0.4	5.7 c
Hg	0.1	<0.1	Ni	1.5	30.1
			Ag	0.3	0.30
			Zn	1.	22.3 c

COMMENTS:

c = BLANK CORRECTED

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Robert Maxfield, Lab Manager

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Versar INC.

Sample #:
P 384 V05 02 A

METALS RESULTS

DATE: 7-9-84
PROJECT #: 857-28
LAB #: 995

PARAMETER	DETECTION LIMIT mg/kg	SAMPLE CONCENTRATION mg/kg	PARAMETER	DETECTION LIMIT mg/kg	SAMPLE CONCENTRATION mg/kg
As	0.5	0.65	Be	0.1	<0.1
Sb	0.5	<0.5	Cd	1.	<1.
Se	1.+	1.8	Cr	0.4	8.6
Tl	0.5	<0.5	Cu	0.4	115.
Hg	0.1	<0.1	Ni	1.5	40.3
			Ag	0.3	<0.3
			Zn	1.	28.2 c

COMMENTS:

c = BLANK CORRECTED

+ = DETECTION LIMIT CHANGED DUE TO SAMPLE DILUTION

Procedures in accordance with:
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Solid Wastes, SW-846, 2nd Edition,
USEPA, Washington, D.C. 1982

Robert Maxfield, Lab Manager

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Versar INC.

Sample #:
P 384 V05 03 A

METALS RESULTS

DATE: 7-9-84
PROJECT #: 857-28
LAB #: 996

PARAMETER	DETECTION LIMIT mg/kg	SAMPLE CONCENTRATION mg/kg	PARAMETER	DETECTION LIMIT mg/kg	SAMPLE CONCENTRATION mg/kg
As	0.5	<0.5	Be	0.1	<0.1
Sb	0.5	<0.5	Cd	1.	1.2
Se	0.5	0.61	Cr	0.4	21.9
Tl	0.5	<0.5	Cu	0.4	36.5 c
Hg	0.1	<0.1	Ni	1.5	56.2
			Ag	0.3	<0.3
			Zn	1.	37.3

COMMENTS:
c = BLANK CORRECTED

Test Methods for Evaluating
Solid Wastes, SW-846, 2nd Edition,
USEPA, Washington, D.C. 1982

Robert Maxfield, Lab Manager

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Versar INC.

Sample #:
P 384 V05 01 C

Total
METALS RESULTS

DATE: 7-9-84
PROJECT #: 857-28
LAB #: 1006

PARAMETER	DETECTION LIMIT µg/l	SAMPLE CONCENTRATION µg/l	PARAMETER	DETECTION LIMIT µg/l	SAMPLE CONCENTRATION µg/l
As	10.	<10.	Be	1.	<1.
Sb	10.	<10.	Cd	10.	<10.
Se	10.	<10.	Cr	4.	<4.
Tl	10.	<10.	Cu	4.	<4.
Hg	0.4 *	<0.4	Ni	15.	<15.
			Ag	3.	<3.
			Zn	10.	21. c

COMMENTS:
*Detection limit changed due to sample dilution.
c = BLANK CORRECTED

Test Methods for Evaluating
Solid Wastes, SW-846, 2nd Edition,
USEPA, Washington, D.C. 1982

Robert Maxfield, Lab Manager

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Versar INC.

Sample #:
P 384 V05 02 C

METALS RESULTS

DATE: 7-9-84
PROJECT #: 857-28
LAB #: 1007

PARAMETER	DETECTION LIMIT µg/l	SAMPLE CONCENTRATION µg/l	PARAMETER	DETECTION LIMIT µg/l	SAMPLE CONCENTRATION µg/l
As	10.	<10.	Be	1.	<1.
Sb	10.	<10.	Cd	10.	<10.
Se	10.	<10.	Cr	4.	<4.
Tl	10.	<10.	Cu	4.	<4.
Hg	0.2	<0.2	Ni	15.	<15.
			Ag	3.	<3.
			Zn	10.	<10. c

COMMENTS:

c = BLANK CORRECTED

Test Methods for Evaluating
Solid Wastes, SW-846, 2nd Edition,
USEPA, Washington, D.C. 1982

Robert Maxfield, Lab Manager

6850 VERSAR CENTER • P.O. BOX 1549 • SPRINGFIELD, VIRGINIA 22151 • TELEPHONE: (703) 750-3000 • TELEX: 901125

Versar INC.

Sample #:
P 384 V05 03 C

T 2

METALS RESULTS

DATE: 7-9-84
PROJECT #: 857-28
LAB #: 1008

PARAMETER	DETECTION LIMIT µg/l	SAMPLE CONCENTRATION µg/l	PARAMETER	DETECTION LIMIT µg/l	SAMPLE CONCENTRATION µg/l
As	10.	<10.	Be	1.	<1.
Sb	10.	<10.	Cd	10.	<10.
Se	10.	<10.	Cr	4.	<4.
Tl	10.	<10.	Cu	4.	<4.[c]
Hg	0.2	<0.2	Ni	15.	<15.
			Ag	3.	<3.
			Zn	10.	<10.[c]

COMMENTS:

c = BLANK CORRECTED

Test Methods for Evaluating
Solid Wastes, SW-846, 2nd Edition,
USEPA, Washington, D.C. 1982

Robert Maxfield, Lab Manager

6850 VERSAR CENTER • P.O. BOX 1549 • SPRINGFIELD, VIRGINIA 22151 • TELEPHONE: (703) 750-3000 • TELEX: 901126

Versar INC.

Sample #:
P 384 V05 04 C

Total

METALS RESULTS

DATE: 7-9-84
PROJECT #: 857-28
LAB #: 1009

PARAMETER	DETECTION LIMIT µg/l	SAMPLE CONCENTRATION µg/l	PARAMETER	DETECTION LIMIT µg/l	SAMPLE CONCENTRATION µg/l
As	10.	<10.	Be	1.	<1.
Sb	10.	<10	Cd	10.	11.
Se	10.	<10.	Cr	4.	<4.
Tl	10.	<10.	Cu	4.	6.9 c
Hg	0.4*	<0.4	Ni	15.	<15.
			Ag	3.	<3.
			Zn	10.	17. c

COMMENTS:
*Detection limit changed due to sample dilution.
c = BLANK CORRECTED

Test Methods for Evaluating
Solid Wastes, SW-846, 2nd Edition,
USEPA, Washington, D.C. 1982

Robert Maxfield, Lab Manager

6850 VERSAR CENTER • P.O. BOX 1549 • SPRINGFIELD, VIRGINIA 22151 • TELEPHONE: (703) 750-3000 • TELEX: 901125

Distribution tank

Versar INC.

Sample #: P 384 V05 05 C

T. el

METALS RESULTS

DATE: 7-9-84
PROJECT #: 857-28
LAB #: 1010

PARAMETER	DETECTION LIMIT ug/l	SAMPLE CONCENTRATION ug/l	PARAMETER	DETECTION LIMIT ug/l	SAMPLE CONCENTRATION ug/l
As	200.*	550.	Be	1.	<1.
Sb	10.	<10.	Cd	10.	<10.
Se	50.*	237.	Cr	4.	9.2
Tl	10.	<10.	Cu	4.	7810.c
Hg	0.2	<0.2	Ni	15.	610.
			Ag	3.	<3.
			Zn	10.	261.

COMMENTS:

* DETECTION LIMIT CHANGED DUE TO SAMPLE DILUTION

C = BLANK CORRECTED

Procedures in accordance with:
Test Methods for Evaluating
Solid Wastes, SW-846, 2nd Edition,
USEPA, Washington, D.C. 1982

Robert Maxfield, Lab Manager

6850 VERSAR CENTER • P.O. BOX 1549 • SPRINGFIELD, VIRGINIA 22151 • TELEPHONE: (703) 750-3000 • TELEX: 901126

Versar INC.

Sample #:
P 384 V05 08 C

Total

METALS RESULTS

DATE: 7-9-84
PROJECT #: 857-28
LAB #: 1011

PARAMETER	DETECTION LIMIT µg/l	SAMPLE CONCENTRATION µg/l	PARAMETER	DETECTION LIMIT µg/l	SAMPLE CONCENTRATION µg/l
As	10.	<10.	Be	1.	<1.
Sb	10.	<10.	Cd	10.	<10.
Se	50.*	91.	Cr	4.	<4.
Tl	10.	<10.	Cu	4.	670.c
Hg	0.2	<0.2	Ni	15.	508.
			Ag	3.	<3.
			Zn	10.	1570.c

COMMENTS:
*Detection limit changed due to sample dilution.
C= BLANK CORRECTED

Test Methods for Evaluating
Solid Wastes, SW-846, 2nd Edition,
USEPA, Washington, D.C. 1982

Robert Maxfield, Lab Manager

6850 VERSAR CENTER • P.O. BOX 1549 • SPRINGFIELD, VIRGINIA 22151 • TELEPHONE: (703) 750-3000 • TELEX: 901126

Versar INC.

Sample #:
P 384 V05 07 A

EP TOXICITY TEST
METALS RESULTS

DATE: 7-9-84
PROJECT #: 857-28
LAB #: 999

CONCENTRATION IN mg/ℓ			
PARAMETER	DETECTION LIMIT	EP TOXICITY MAXIMUM CONCENTRATION	SAMPLE CONCENTRATON
Arsenic	0.01	5.0	0.037
Barium	0.5	100.0	<0.5
Cadmium	0.1	1.0	<0.1
Chromium	0.2	5.0	<0.2
Lead	0.5	5.0	<0.5
Mercury	0.002	0.2	<0.002
Selenium	0.01	1.0	0.180
Silver	0.01	5.0	<0.01

Procedures in accordance with:

Test Methods for Evaluating
Solid Wastes, SW-846, 2nd Edition,
USEPA, Washington, D.C. 1982

Robert Maxfield, Lab Manager

Versar INC.

Sample #:
P 384 Y05 06 A

EP TOXICITY TEST
METALS RESULTS

DATE: 7-9-84
PROJECT #: 857-28
LAB #: 998

CONCENTRATION IN mg/l			
PARAMETER	DETECTION LIMIT	EP TOXICITY MAXIMUM CONCENTRATION	SAMPLE CONCENTRATON
Arsenic	0.01	5.0	0.100
Barium	0.5	100.0	<0.5
Cadmium	0.1	1.0	<0.1
Chromium	0.2	5.0	<0.2
Lead	0.5	5.0	<0.5
Mercury	0.002	0.2	<0.002
Selenium	0.01	1.0	0.220
Silver	0.01	5.0	<0.01

Procedures in accordance with:

Test Methods for Evaluating
Solid Wastes, SW-846, 2nd Edition,
USEPA, Washington, D.C. 1982

Robert Maxfield, Lab Manage

Versar INC.

DATA SUMMARY
REPORT 857.2-28

	acetone	trans-1,2-dichloro-ethene	trichloro-ethene	vinyl chloride	total xylenes	ethyl-benzene
P-374-VOS-01-A	ND ug/kg	ND	ND	ND	ND	ND
P-374-VOS-02-A	ND ug/kg	ND	ND	ND	ND	ND
P-374-VOS-03-A	190 ug/kg	300	30	ND	ND	ND
P-374-VOS-04-A	1400	ND	2700	ND	ND	ND
P-374-VOS-06-A	ND ug/kg	ND	680	ND	42	ND
P-374-VOS-07-A	ND ug/kg	ND	2600	ND	7100	3300
P-374-VOS-01-E	ND ug/l	ND	ND	ND	ND	ND
P-374-VOS-02-E	ND ug/l	ND	6.6	ND	ND.	ND
P-374-VOS-03-E	ND ug/l	ND	16	ND	ND	ND
P-374-VOS-04-E	ND ug/l	25	62	ND	ND	ND
P-374-VOS-05-E	ND ug/l	ND	15000	ND	ND	ND
P-374-VOS-06-E	ND ug/l	16	190	ND	ND	ND

No [illegible]-E present
([illegible])

er County Health Department
Report
File Furnace Brook,
ortlandt (T)

er results for parameters
3 in ppb, 4-12 in ppm
13, 14 in mpn/100ml
l results for parameters

e of Sampling: 2/1/83

r on:
Day of sampling Fair
Day previous Fair, rain on 1/30

PARAMETERS

SAMPLING LOCATIONS	Sample Type	1 TCE	2 Cis 1,2 Dichloroethylene	3 1,1,1, Trichloroethane	4 Fe	5 Cu	6 Zn	7 Ni	8 Cd	9 Cr	10 Cy	11 Pb	12 Mn	13 Fecal Coli.	14 Total Coli.	15	16	17	18	19	20	21
SAMPLE AVE	WATER	7	1.5	<1	.33	.02	<.05	<.01	<.002	<.01	<.01	<.01	.08	4/0	≥24,000							
FIELD POND OUTLET	"	90	20	<1	.40	<.02	<.05	<.01	<.002	<.01	<.01	<.01	.06	<30	1,400							
100' ABOVE FIELD POND	"	50	8	<1	.21	<.02	<.05	<.01	<.002	<.01	<.01	<.01	.05	<30	24,000							
[illegible]FRE OLD DEVASTATED AREA. [illegible]FRSETS BROOK	"	30	7	1.0	.28	<.02	<.05	<.01	<.002	<.01	<.01	<.01	.06	<30	430							
IN TRIBUTARY 30' ABOVE CONFLUENCE WITH BROOK	"	<1	<1	<1	.32	<.02	<.05	<.01	<.002	<.01	<.01	<.01	.08	4/0	24,000							

Form TC-1

BCLP04881

ter County Health Department
Report
File Furnace Brook,
Cortlandt (T)

er results for parameters
3 in ppb, 4-12 in ppm
13,14 in mpn/100ml
l results for parameters

e of Sampling: 2/1/83

r on:
Day of sampling Fair
Day previous Fair, rain on 1/30

Form TC-1

PARAMETERS

SAMPLING LOCATIONS	Sample Type	1 TCE	2 Cis 1,2 Dichloroethylene	3 1,1,1, Trichloroethane	4 Fe	5 Cu	6 Zn	7 Ni	8 Cd	9 Cr	10 Cy	11 Pb	12 Mn	13 Fecal Coli	14 Total Coli	15	16	17	18	19	20	21
MAPLE AVE	WATER	7	1.5	<1	.33	.02	<.05	<.01	<.002	<.01	<.01	<.01	.08	4/0	≥24,000							
FIELD POND OUTLET	"	90	20	<1	.40	<.02	<.05	<.01	<.002	<.01	<.01	<.01	.06	<30	4,600							
100' ABOVE FIELD POND	"	50	8	<1	.21	<.02	<.05	<.01	<.002	<.01	<.01	<.01	.05	<30	24,0							
WHERE OLD DEVASTATED AREA. EFFECTS BROOK	"	30	7	1.0	.26	<.02	<.05	<.01	<.002	<.01	<.01	<.01	.06	<30	430							
IN TRIBUTARY 30' ABOVE CONFLUENCE WITH BROOK	"	<1	<1	<1	.32	<.02	<.05	<.01	<.002	<.01	<.01	<.01	.08	4,0	24,0							

BCLP04882

ster County Health Department
ng Report
: File Furnace Brook, Cortlandt (T)

ster results for parameters 2 + 3 in ppb, 4-12 in ppm and 13+14 in MPN/100ml
ll results for parameters

ate of Sampling: 2/2/83

ber on:
Day of sampling rain
Day previous Fair

Form TC-1

PARAMETERS

SAMPLING LOCATIONS	Sample Type	1 TCE	2 Cis 1,2 Dichloroethylene	3 1,1,1 Trichloroethane	4 Fe	5 Cu	6 Zn	7 Ni	8 Cd	9 Cr	10 Cy	11 Pb	12 Mn	13 Fecal Col	14 Total Col	15	16	17	18	19	20	21	22
100' Above FIELD POND	water	130	15	43	.30	.09	<.05	<.01	<.002	<.01	<.01	<.01	.07	<30	2400								
IN TRIBUTARY PARALLEL TO AND SOUTH OF OLD DEVASTATED AREA, OFF CENTER OF AREA	"	65	7	<1	.34	.10	<.05	<.01	<.002	<.01	<.01	<.01	.03	<30	930								
TRIBUTARY BEHIND LIGHTRON WAREHOUSE	"	11	4	<1	.70	<.02	<.05	<.01	<.002	<.01	<.01	<.01	.52	40	2400								
100' ABOVE ALL LIGHTRON SITE DRAINAGE	"	<1	<1	<1	.58	.07	<.05	<.01	<.002	<.01	<.01	<.01	.07	<30	2400								

BCLP04883

New York State Department of Environmental Conservation

Division of Environmental Enforcement
202 Mamaroneck Avenue Room 304
White Plains, N.Y. 10601-5381

Henry G. Williams
Commissioner

November 1st, 1984

Baker Properties
485 Washington Avenue
Pleasantville, New York 10570
Attn: Mr. Jean Paul Pfister,
Manager of Development

Re: Baker Properties Site
Town of Cortlandt,
Westchester County

Dear Mr. Pfister:

I am writing in regard to property owned by Baker Properties on Furnace Dock Road in the Town of Cortlandt, Westchester County. As you may know, the Cortlandt property has been identified by this Department as an inactive hazardous waste disposal site, pursuant to Article 27, Title 13 of the Environmental Conservation Law of the State of New York (the "ECL").

In July 1982, this Department entered into an Order on Consent with the previous owner of the property, ISC Properties, Inc. Under that Order on Consent, ISC Properties, Inc. conducted a Field Investigation Program to determine whether hazardous wastes disposed of at the site constituted a significant threat to the environment, pursuant to ECL Article 27, Title 13. That Field Investigation Program was limited to a study of the concentrations of heavy metals remaining in the leaching pits near the former Magna Metals plant. The limited study was based upon what materials were believed disposed of at the site.

During 1983, this Department's Division of Water conducted additional sampling on the property and in Furnace Brook, immediately to the west of the property. Chemical analysis of those samples indicated the presence of elevated

concentrations of trichloroethylene on the site, as well as in Furnace Brook, downstream from the site. Trichloroethylene is a solvent which is identified as a hazardous waste under Federal and state regulations (40 CFR Part 261 and 6 NYCRR Part 366). (A copy of the laboratory results is enclosed.)

In May 1984, as you may recall, this office conducted further chemical sampling at the site and in Furnace Brook. Analysis of those samples indicated significant concentrations of solvents in the sludge pits and the on-site distribution tank; in sediment from the marsh adjoining Furnace Brook, and in sediment and water in Furnace Brook, both midstream and downstream. The solvents included trichloroethylene, acetone, trans-1,2-dichloroethene, xylenes, and ethylbenzene. (A copy of the laboratory results is also included.)

The presence of these solvents, at and in the vicinity of the Cortlandt site, in elevated concentrations, indicates that the site may, in fact, pose a significant threat to the environment. This Department believes that a full scale technical investigation is warranted to determine the existence, nature, and extent of any such significant threat. In the event that the site does pose a significant threat to the environment, Baker Properties, as owner of the site, may be liable for remediation of the site, under Article 27, Title 13 of the ECL, and/or under the Federal Comprehensive Environmental Response, Compensation and Liability Act (CERCLA, 42 USC § 9601 et seq.)

This Department believes that it would be appropriate for the technical investigation to be conducted by the parties that are potentially subject to liability under state or Federal law. To this end, please be advised that a similar letter has been sent to ISC Properties in an effort to achieve an appropriate resolution among all the parties.

In the event that such a resolution cannot be achieved, this Department is prepared to conduct its own field investigation at the site. Therefore, this letter will also serve as notice of intent that the Department will take samples and conduct a field investigation at the Cortlandt site should the responsible parties elect not to perform such work. Section

27-1309 of the ECL provides for a minimum of ten days' written notice of such intent. After such notice, any duly designated officer or employee of the Department, or of any State agency, and any agent, consultant, contractor, or other person so authorized may enter any inactive hazardous waste disposal site and areas near such site and inspect and take samples of wastes, soils, air, surface water, and groundwater. In order to take such samples, the Department may utilize or cause to be utilized such sampling methods as it determines to be necessary, including, but not limited to, soil borings, and monitoring wells. In the event a significant threat to the environment is determined to exist at the site, the Department is entitled to recover the costs of its investigation from any or all responsible parties.

I would appreciate your contacting me as soon as possible so that we may set up a mutually convenient conference between all the parties. If you wish to speak by telephone, please feel free to call me at (914)761-6660.

Very truly yours,

Louis A. Evans

Louis A. Evans
Sr. Attorney

LAE/jg