

# Nixon, Hargrave, Devans & Doyle

## Attorneys and Counselors at Law

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SUITE 1200

1090 VERMONT AVENUE, N.W.

WASHINGTON, D. C. 20005

(202) 842-3600

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1061 EAST INDIANTOWN ROAD

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(305) 746-1002

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30 ROCKEFELLER PLAZA  
NEW YORK, NEW YORK 10112  
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December 19, 1984

Paul Schmied  
Regional Engineer  
New York State  
Department of Environmental Conservation  
Region VIII  
6274 East Avon-Lima Road  
Avon, New York 14414

Re: Result of third quarter sampling - Taylor  
Instrument

Dear Paul:

Enclosed please find the result of the third quarter groundwater sampling for 1984 at Taylor Instrument's Ames Street site in Rochester. As Larry Blue from Taylor Instrument discussed with Debbie Jackson during a recent site visit, the third quarter sampling results (sample collected on September 18, 1984) indicated the presence of mercury on the site at levels totally inconsistent with the data collected over the last year. When Taylor Instrument received in late October 1984 the results of the analyses on the samples collected in September, (late October 1984) it immediately requested that its analytical laboratory, Lozier Laboratories, undertake a resampling because laboratory and/or sampling error was suspected. Lozier confirmed that they, in fact, had a new technician take the September samples. The results of the re-testing of the wells are also included. As you will notice the mercury levels dropped significantly but are still higher in some instances than past data would lead us to expect.

Nixon, Hargrave, Devans & Doyle

Paul Schmied  
December 19, 1984  
Page 2

On Monday, December 17, 1984 the fourth quarter samples were collected. I understand that Lozier Laboratories contacted DEC and offered to split the sample with the Department. Because we still suspect sampling error and/or lab contamination, Taylor has specified that Lozier include a field blank and spiked samples along with its routine analyses. Taylor also informed Lozier that the recent turnaround time have been totally unacceptable. We hope to receive the results of the December analyses early next month and will, of course, forward them directly to you.

If you would like to discuss the enclosed results please do not hesitate to contact either Libby Ford or myself.

Very truly yours,

A handwritten signature in cursive script, appearing to read "Bob Witmer".

G. Robert Witmer, Jr., P.C.

GRW:gk  
cc: Larry Blue

**LÖZIER LABORATORIES**

23 N. Main Street-Fairport, New York 14450 - 7 1 6 / 4 2 5 - 2 2 1 0

**Sample Identification:**

Page 1 of 1

A. Ly-1 \*  
 B. Ly-2 \*  
 C. Ly-3  
 D. Ly-4 \*  
 E. W-2

F. W-5  
 G. D-0  
 H. O-0  
 I. Pz-2-Shallow  
 J. Pz-2-Deep

**Client:** Taylor Instruments  
 95 Ames Street  
 Rochester, New York 14601  
**Attn:** Larry Blue  
 Staff Engineer

**Date Received :** 11-7-84  
**Laboratory No. :** 84-11-490  
**Purchase Order No.:**  
**Report Date :** 12-6-84 Revised  
**Auth. Signature :** *[Signature]*  
**Lab Director :** Alan J. Laffin

**Comments:** \* Insufficient Sample

Parameters	A	B	C	D	E	F	G	H	I	J
Hg	---	---	<0.0005	- - -	<0.0005	<0.0005	0.0013	0.0072	0.0009	<0.0005
Depth of Water	---	---	---	- - -	---	---	---	---	---	---
Before Purging	---	---	---	- - -	11.11'	9.41'	7.80'	10.81'	9.28'	11.78'
Before Sampling	---	---	---	- - -	11.15'	9.35'	8.15'	10.75'	9.32'	11.80'

Note: All results expressed in Mg/L unless noted otherwise.

Analysis Comments: \_\_\_\_\_

# LOZIER LABORATORIES

23 N. Main Street-Fairport, New York 14450 - 716 / 425 - 2210

## Sample Identification:

Page

**Client:** Taylor Instruments  
95 Ames Street  
Rochester, New York 14601

**Date Received** : 9-18-84

**Laboratory No.** : 84-9-408

**Purchase Order No.:**

**Report Date** : 10-26-84

**Auth. Signature** :

**Lab Director** :

**Attn:** Larry Blue  
Staff Engineer

A. Ly-1

B. Ly-2

C. Ly-3

D. Ly-4

E. W-2

F. W-5

G. D-0

H. O-0

I. Pz-2 Shallow

J. Pz-2 Deep

**Comments:** Sample D Insufficient Sample

Parameters	A	B	C	D	E	F	G	H	I	J
Hg	0.0019	0.0010	0.0025	I.S.	<0.0005	0.0010	0.0075	0.0285	0.0010	<0.0005
Depth to Water	---	---	---	---	---	---	---	---	---	---
-Purge Depth	---	---	---	---	10.16'	7.40'	6.51'	9.46'	7.62'	10.15'
-Sample Depth	---	---	---	---	10.30'	7.30'	11.59'	9.34'	7.76'	10.30'

Note: All results expressed in Mg/L unless noted otherwise.

**Analysis Comments:** NOTE: I.S.: Insufficient Sample.

# Taylor Chromatogram - Data Summary

Well	9-16-83	9-16-83	12-22-83	4-3-84	6-27-84	9-18-84	11-7-84	12-18-84	3-13-85	6-22-85	10-1-85	12-13-85	03-14-86	06-06-86
(units)	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l
LY-1	0.004	3.40	ND	0.0004	< 0.004	0.0019	IS	0.003	0.0016	0.0038	0.0033	0.0007	0.001	0.003
LY-2	0.001	< .50	ND	< 0.0005	0.0016	0.0010	IS	< 0.002	0.0003	0.0004	0.0005	0.0005	IS	0.001
LY-3	< 0.001	< .50	ND	< 0.0005	< 0.004	0.0005	0.0005	< 0.002	0.0003	0.0003	< 0.0005	0.0005	0.0004	0.001
LY-4	-	-	ND	< 0.0005	IS	IS	IS	NS	0.0003	0.0003	IS	NS	IS	IS
LY-2	< 0.001	< .50	ND	0.0007	< 0.004	< 0.0005	< 0.0005	< 0.002	0.0003	0.0003	-	-	-	-
LY-5	< 0.001	< .50	ND	< 0.0005	< 0.004	0.0010	< 0.0005	< 0.002	0.0003	0.0003	< 0.0005	< 0.0005	0.001	0.001
PZ-2 shallow	< 0.001	< .50	ND	< 0.0005	< 0.004	0.0010	0.0009	< 0.002	0.0003	0.0003	-	-	-	-
PZ-2 deep	0.001	< .50	ND	< 0.0005	< 0.004	< 0.0005	< 0.0005	< 0.002	0.0003	0.0003	-	-	-	-
DO 6'	< 0.001	< .50	ND	< 0.0005	< 0.004	0.0005	0.0003	< 0.002	0.0003	0.0003	< 0.0005	< 0.0005	0.001	0.001
DO 1'	0.004	290	ND	< 0.0005	< 0.004	0.0005	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003

NS: no sample  
IS: insufficient sample  
ND: non-detectable

*T. H. G. Co.*

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(305) 746-1002

30 ROCKEFELLER PLAZA  
NEW YORK, NEW YORK 10112  
(212) 586-4100  
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August 15, 1984

Paul Schmied  
Regional Engineer  
New York State  
Department of Environmental Conservation  
Region 8  
6274 East Avon-Lima Road  
Avon, New York 14414

Re: Results of Second Quarter Sampling -  
Taylor Instruments

Dear Paul:

Enclosed please find the results of the second quarter groundwater sampling for 1984 at Taylor Instruments' Ames Street site in Rochester. I apologize for the delay in forwarding these results to you, they were set aside to be compared with the results of past sampling and were inadvertently "buried."

If you recall, the results of the first quarter sampling indicated the presence, in very low levels, of detectable amounts of mercury in Lysimeter cluster No. 3. We agreed at that point to wait for the outcome of the second quarter sampling to see if mercury was still detectable at that location. As the enclosed results indicate, mercury levels were below the detection limit in Lysimeter cluster No. 3 during this most recent sampling. However, a small amount of mercury was detected in Lysimeter cluster No. 2. The level of mercury detected in Lysimeter No. 2 was extremely low (0.0016 mg/l as compared to a detection limit of 0.0004 mg/l) and, as you know, analytical results near the detection limit such as in this case, must be interpreted with care. Since Taylor

Nixon, Hargrave, Devans & Doyle

Paul Schmied  
August 15, 1984  
Page Two

Instruments split the June samples with DEC, we would be most interested in learning the results of DEC's analysis of those split samples.

Third quarter sampling will be done during the month of September, if DEC wishes to observe that sampling or to obtain another set of split samples, please do not hesitate to call Libby Ford or me.

Very truly yours,

A handwritten signature in cursive script, appearing to read "Bob Witmer".

G. Robert Witmer, Jr., P.C.

GRW/jc  
Enclosure  
cc: Larry Blue  
Rudolph Gabel  
Thomas Lawson

LOZIER LABORATORIES  
23 N. Main Street-Fairport, New York 14450 - 716 / 425 - 2210

Sample Identification:

Page 1 of 1

Client: Taylor Instrument Company  
95 Ames Street  
Rochester, New York 14601  
  
Attn: Kevin Hylton, Staff  
Engineer

Date Received : 6-27-84

Laboratory No. : 84-6-223

Purchase Order No.:

Report Date : 7-11-84

Auth. Signature :

Lab Director

*Kevin J. Hylton*

A. Ly-1

B. Ly-2

C. Ly-3

D. Ly-4

E. W-2

F. W-5

G. D-0

H. O-0

I. Pz-2-Shallow

J. Pz-2-Deep

Comments:

Parameters	A	B	C	D	E	F	G	H	I	J
Hg	<0.0004	0.0016	<0.0004	I.S.	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004

Note: All results expressed in Mg/L unless noted otherwise.

Analysis Comments: I.S. - Insufficient Sample

RECEIVED

JUL 13 1984

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KEVIN HYLTON