File

New York State Department of Environmental Conservation

John P. Cahill
Acting Commissioner

TRANSMITTAL MEMO

TO: Distribution
FROM: J. Andrew Fleck, Environmental Engineer, Technical Support Section
Bureau of Western Remedial Action, Division of Environmental Remediation

DATE: April 1, 1997

RE:

Site Name: **Bausch & Lomb**
Site No.: **8-28-061**
County: **Monroe**

Attached for your review, please find the following documents related to the above referenced site:

****

- ☐ Work Plan
- ☐ Health and Safety Plan
- ☐ QA/QC Plan
- ☐ CP Plan
- ☐ Temporary Use and Occupancy Agreement
- ☐ Remedial Investigation
- ☐ Feasibility Study
- ☐ Design Documents:
- ☒ Other: **Source Delineation Data and Ground Water Sampling Results**

Please review the attached documents and provide comments, to me by **April 9, 1997**. If no comments are received by this date, it will be assumed you have no comments relative to the attached document. If you have any questions please call me at (518) 457-5636.

Distribution: w/ Attachment

C. Jackson
K. Maiurano
C. McGrath
T. Caffoe, R-8
L. Rafferty, NYSDOH
J. Albert, MCHD

Attachments

Eyewear Division | 465 Paul Road PO Box 478 Rochester NY 14692-0478 | 716 338 6000

March 27, 1997

Mr. J. Andrew Fleck
Environmental Engineer
Technical Support Section
Bureau of Western Remedial Action
Division of Environmental Remediation
New York State Dept. of Environmental Conservation
50 Wolf Road
Albany, New York 12233-7010

Re: Bausch & Lomb, Frame Center Site, Site # 8-28-061
Monroe County - 1996 Ground Water Sampling Results
and Preliminary Data Package from Source Delineation Work

Dear Mr. Fleck,

In preparation for our Frame Center site meeting, I have compiled the data from the last ground water sampling event as well as the preliminary data from the McLaren/Hart remedial design field work. Your preference was to have a week to review some of the data prior to the meeting that is tentatively scheduled for mid-April.

Enclosed please find two data packages. The first is the results of the December 1996 groundwater sampling event prepared by Blasland, Bouck & Lee, Inc. which includes updated figures and tables. The second enclosure is a preliminary data package prepared by McLaren/Hart which has a map of the sampling locations and the analytical results from the mobile lab. As you requested, a comparison of the five samples split with BBL (analyzed offsite at a fixed based lab) is provided.

I hope this submittal is to your satisfaction and I look forward to our meeting in April.

Sincerely,

Frank Chiappone

Frank Chiappone
Environmental Manager

enclosures

xc: J. Potter

Bausch & Lomb Frame Center
Chili, New York
December 1996
Ground-Water Level Gauging and Limited Ground-Water Sampling Results

This attachment provides the results of the water level gauging and limited ground water sampling activities completed on December 10 and 11, 1996 at Bausch & Lomb's Frame Center in Chili, New York. The scope of these activities were discussed in a December 6, 1996 letter to the New York State Department of Environmental Conservation (NYSDEC) from Mr. Frank Chiappone of Bausch & Lomb.

As discussed in the December 6, 1996 letter, a comprehensive water level gauging round was completed at the site on December 10, 1996. The results of this gauging event are provided on Figures 1 and 2 which illustrate, respectively, the ground water elevation contours/piezometric surface for the shallow overburden and the deep overburden/bedrock interface. One monitoring well (BL-20S), however, was not gauged or sampled as the integrity of the monitoring well had been compromised by disruption of the surface seal/curb box, the lack of a well cap, and the presence of foreign material in the well. This well was subsequently abandoned by over drilling and was replaced on March 3, 1997. The subsurface log for the replacement monitoring well, BL-20Sr is included as Appendix 1.

Ground-water sampling was completed at 12 of the 13 monitoring wells discussed in the December 6, 1996 letter to the NYSDEC. As previously indicated, monitoring well BL-20S was not sampled due to the well's condition. Sampling was completed in accordance with the protocol contained in the Frame Center Work Plan dated April 1989. Chemical analyses of the ground-water samples were completed by OBG Laboratories of Syracuse, New York. OBG analyzed the samples for volatile organic compounds (VOCs) by USEPA Methods SW-846 8010/8020 plus Freon 113. A full data package was not developed; however, the level of field and laboratory QA/QC was sufficient to provide the necessary information if a full data package is desired in the future.

The ground water analytical results are summarized in Table 1 and the analytical laboratory data package is included as Appendix 2. Historical and current ground-water analytical results are summarized for the shallow overburden on Figure 3 and Figure 4 summarizes the data for the deep overburden/bedrock interface. Field parameters: temperature, conductivity and pH are summarized on Table 2.

Bausch & Lomb Frame Center
Chili, New York
December 1996
Ground-Water Level Gauging and Limited Ground-Water Sampling Results

Tables

TABLE 1

BAUSCH & LOMB FRAME CENTER
CHILI, NEW YORK

LIMITED MONITORING WELL SAMPLING
GROUND-WATER ANALYTICAL SUMMARY

VOLATILE ORGANIC COMPOUNDS
DECEMBER 10 & 11, 1996

Compound	BL-7	BL-8S	BL-9S	BL-11D	BL-13S	BL-13D	BL-14S	BL-14D	BL-15D	BL-16S	BL-16S (Duplicate)	BL-19S	BL-21S	TRIP BLANK	EQUIP. BLANK
Benzene	<50	<1	<1,000	<100	<1	<10	<1	<1	<1	<1,000	<1,000	<1	<1	<1	<1
Bromodichloromethane	<50	<1	<1,000	<100	<1	<10	<1	<1	<1	<1,000	<1,000	<1	<1	<1	<1
Bromoform	<500	<10	<10,000	<1,000	<10	<100	<10	<10	<10	<10,000	<10,000	<10	<10	<10	<10
Bromomethane	<500	<10	<10,000	<1,000	<10	<100	<10	<10	<10	<10,000	<10,000	<10	<10	<10	<10
Carbon Tetrachloride	<50	<1	<1,000	<100	<1	<10	<1	<1	<1	<1,000	<1,000	<1	<1	<1	<1
Chlorobenzene	<50	<1	<1,000	<100	<1	<10	<1	<1	<1	<1,000	<1,000	<1	<1	<1	<1
Chloroethane	<50	<1	<1,000	<100	<1	<10	<1	<1	<1	<1,000	<1,000	<1	<1	<1	<1
2-Chloroethylvinyl Ether	<500	<10	<10,000	<1,000	<10	<100	<10	<10	<10	<10,000	<10,000	<10	<10	<10	<10
Chloroform	<50	<1	<1,000	<100	<1	<10	<1	<1	<1	<1,000	<1,000	<1	<1	<1	<1
Chloromethane	<500	<10	<10,000	<1,000	<10	<100	<10	<10	<10	<10,000	<10,000	<10	<10	<10	<10
Dibromochloromethane	<50	<1	<1,000	<100	<1	<10	<1	<1	<1	<1,000	<1,000	<1	<1	<1	<1
1,2-Dichlorobenzene	<250	<5	<5,000	<500	<5	<50	<5	<5	<5	<5,000	<5,000	<5	<5	<5	<5
1,3-Dichlorobenzene	<250	<5	<5,000	<500	<5	<50	<5	<5	<5	<5,000	<5,000	<5	<5	<5	<5
1,4-Dichlorobenzene	<250	<5	<5,000	<500	<5	<50	<5	<5	<5	<5,000	<5,000	<5	<5	<5	<5
Dichlorodifluoromethane	<500	<10	<10,000	<1,000	<10	<100	<10	<10	<10	<10,000	<10,000	<10	<10	<10	<10
1,1-Dichloroethane	<50	<1	<1,000	<100	<1	<10	7	<1	<1	<1,000	<1,000	<1	<1	<1	<1
1,2-Dichloroethane	<50	<1	<1,000	<100	<1	<10	<1	<1	<1	<1,000	<1,000	<1	<1	<1	<1
1,1-Dichloroethylene	<50	<1	<1,000	<100	<1	<10	12	<1	<1	<1,000	<1,000	<1	<1	<1	<1
cis-1,2-Dichloroethylene	<50	<1	26,000	<100	<1	280	<1	<1	<1	<1,000	<1,000	<1	<1	<1	<1
trans-1,2-Dichloroethylene	<50	<1	<1,000	<100	<1	<10	<1	<1	<1	<1,000	<1,000	<1	<1	<1	<1
Dichloromethane	<50	<1	<1,000	<100	<1	<10	<1	<1	<1	<1,000	<1,000	<1	<1	<1	<1
1,2-Dichloropropane	<50	<1	<1,000	<100	<1	<10	<1	<1	<1	<1,000	<1,000	<1	<1	<1	<1
cis-1,3-Dichloropropylene	<50	<1	<1,000	<100	<1	<10	<1	<1	<1	<1,000	<1,000	<1	<1	<1	<1
trans-1,3-Dichloropropylene	<50	<1	<1,000	<100	<1	<10	<1	<1	<1	<1,000	<1,000	<1	<1	<1	<1
Ethylbenzene	<50	<1	<1,000	<100	<1	<10	<1	<1	<1	<1,000	<1,000	<1	<1	<1	<1
1,1,2,2-Tetrachloroethane	<50	<1	<1,000	<100	<1	<10	<1	<1	<1	<1,000	<1,000	<1	<1	<1	<1
Tetrachloroethylene	<50	<1	<1,000	<100	<1	<10	<1	<1	<1	<1,000	<1,000	<1	<1	<1	<1
Toluene	<50	<1	<1,000	<100	<1	<10	<1	<1	<1	<1,000	<1,000	<1	<1	<1	<1
1,1,1-Trichloroethane	<50	<1	<1,000	<100	<1	<10	14	<1	<1	2,300	2,200	<1	<1	<1	<1
1,1,2-Trichloroethane	<50	<1	<1,000	<100	<1	<10	<1	<1	<1	<1,000	<1,000	<1	<1	<1	<1
Trichloroethylene	63	<1	14,000	1,300	<1	<10	74	<1	<1	21,000	21,000	<1	<1	<1	<1
Trichlorofluoromethane	100	<1	<1,000	<100	<1	<10	<1	<1	<1	<1,000	<1,000	<1	<1	<1	<1
Vinyl Chloride	<50	<1	<1,000	<100	<1	<10	<1	<1	<1	<1,000	<1,000	<1	<1	<1	<1
Xylenes (total)	<150	<3	<3,000	<300	<3	<30	<3	<3	<3	<3,000	<3,000	<3	<3	<3	<3
Freon 113	310	<1	<1,000	<100	<1	<10	<1	<1	<1	<1,000	<1,000	<1	<1	<1	<1

Notes:

All concentrations reported in ug/L (ppb).
< Indicates compound not detected.

TABLE 2

BAUSCH & LOMB FRAME CENTER
CHILI, NEW YORK

LIMITED MONITORING WELL SAMPLING
GROUND-WATER ANALYTICAL SUMMARY

INDICATOR PARAMETERS
DECEMBER 10 & 11, 1996

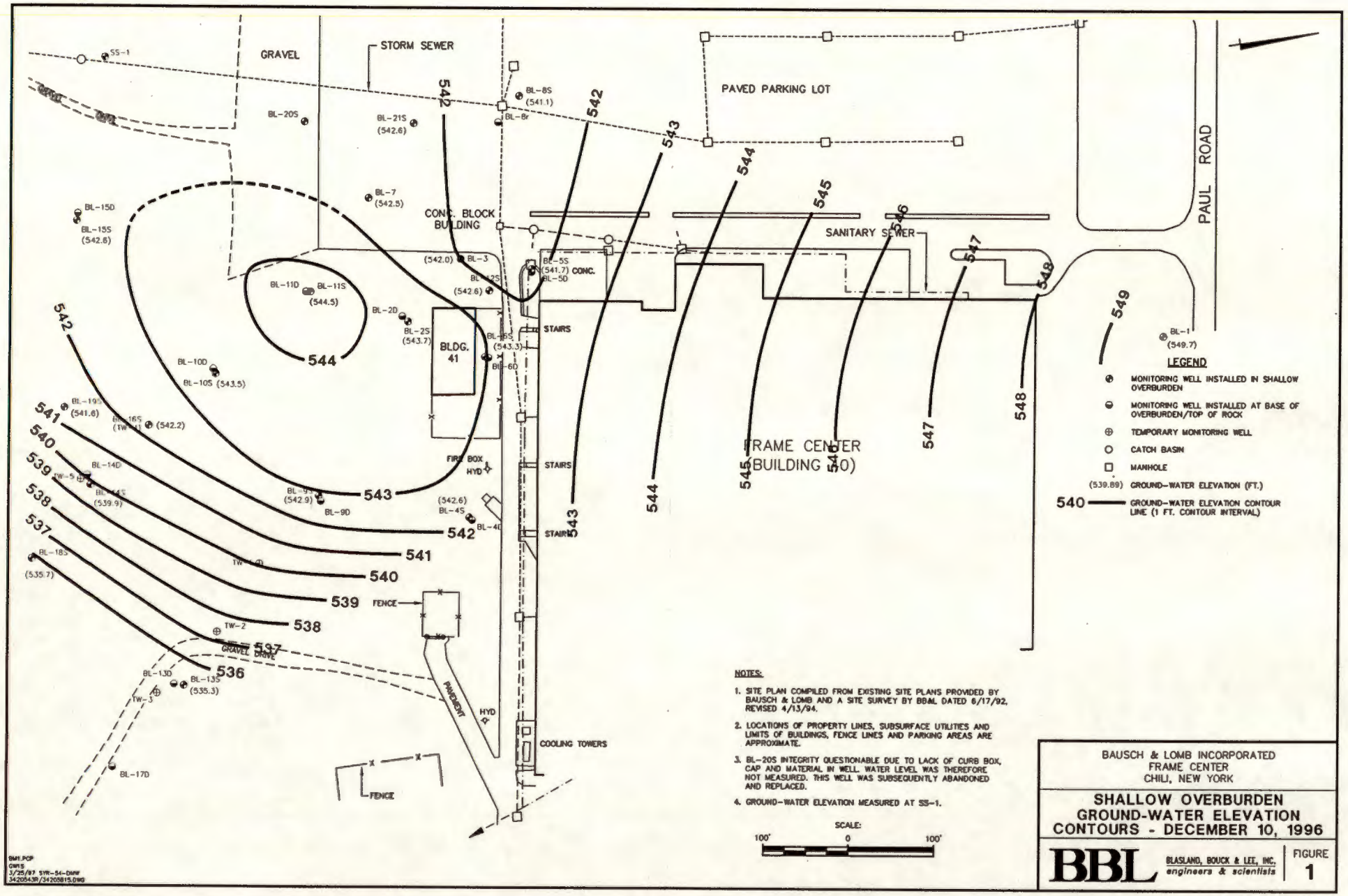
Field Parameters	BL-7	BL-8S	BL-9S	BL-11D	BL-13S	BL-13D	BL-14S	BL-14D	BL-15D	BL-16S	BL-19S	BL-21S
Temperature (Degrees Centigrade)	13.3	13.2	7.4	9.6	8.2	9.3	10.1	9.7	8.5	8.9	8.8	13.8
pH (Standard Units)	6.87	6.94	6.83	6.99	6.95	7.43	7.54	7.38	7.39	7.22	7.17	7.28
Conductivity (mS/cm)	1.86	4.59	0.905	1.62	1.41	0.683	0.681	0.692	0.762	0.930	0.620	2.71
Turbidity (NTU)	>1,000	661	232	68	83	179	97	590	211	346	569	299
Dissolved Oxygen (mg/L)	2.85	1.86	2.08	2.27	1.93	1.83	3.85	1.39	1.48	2.61	3.12	1.75

Notes:

Field parameters measured with a Horiba U10 water quality meter.

Bausch & Lomb Frame Center
Chili, New York
December 1996
Ground-Water Level Gauging and Limited Ground-Water Sampling Results

Figures



LEGEND

- MONITORING WELL INSTALLED IN SHALLOW OVERBURDEN
- MONITORING WELL INSTALLED AT BASE OF OVERBURDEN/TOP OF ROCK
- TEMPORARY MONITORING WELL
- CATCH BASIN
- MANHOLE
- (539.89) GROUND-WATER ELEVATION (FT.)
- 540 GROUND-WATER ELEVATION CONTOUR LINE (1 FT. CONTOUR INTERVAL)

NOTES:

1. SITE PLAN COMPILED FROM EXISTING SITE PLANS PROVIDED BY BAUSCH & LOMB AND A SITE SURVEY BY BBL DATED 6/17/92, REVISED 4/13/94.
2. LOCATIONS OF PROPERTY LINES, SUBSURFACE UTILITIES AND LIMITS OF BUILDINGS, FENCE LINES AND PARKING AREAS ARE APPROXIMATE.
3. BL-20S INTEGRITY QUESTIONABLE DUE TO LACK OF CURB BOX, CAP AND MATERIAL IN WELL. WATER LEVEL WAS THEREFORE NOT MEASURED. THIS WELL WAS SUBSEQUENTLY ABANDONED AND REPLACED.
4. GROUND-WATER ELEVATION MEASURED AT SS-1.

SCALE: 100' 0 100'

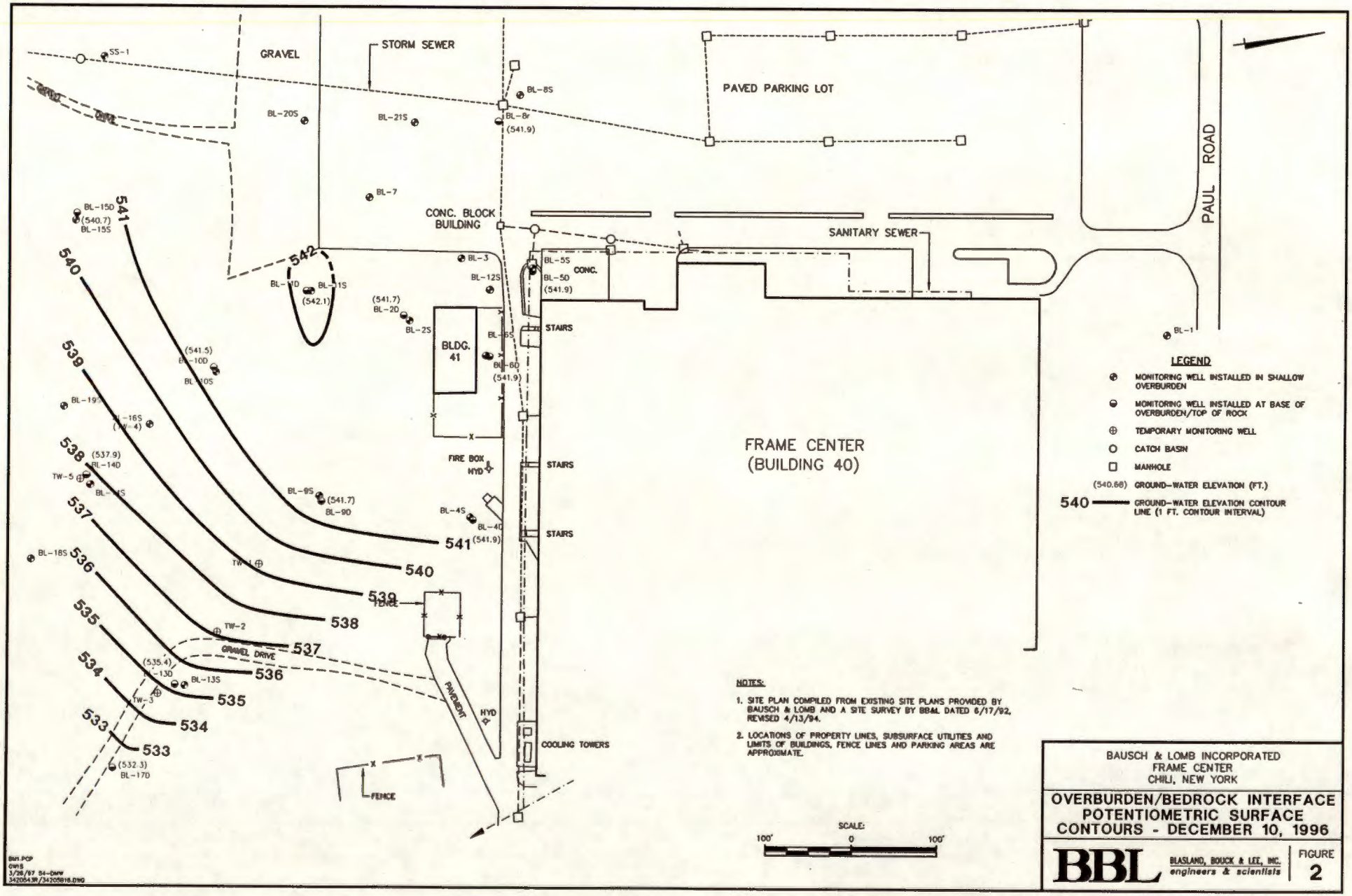
BAUSCH & LOMB INCORPORATED
FRAME CENTER
CHILI, NEW YORK

SHALLOW OVERBURDEN GROUND-WATER ELEVATION CONTOURS - DECEMBER 10, 1996

BBL BLASLAND, BOUCK & LEE, INC. engineers & scientists

FIGURE 1

GW1.PCP
GW1S
3/25/97 SYR-54-DMW
34205439/34205815.DWG

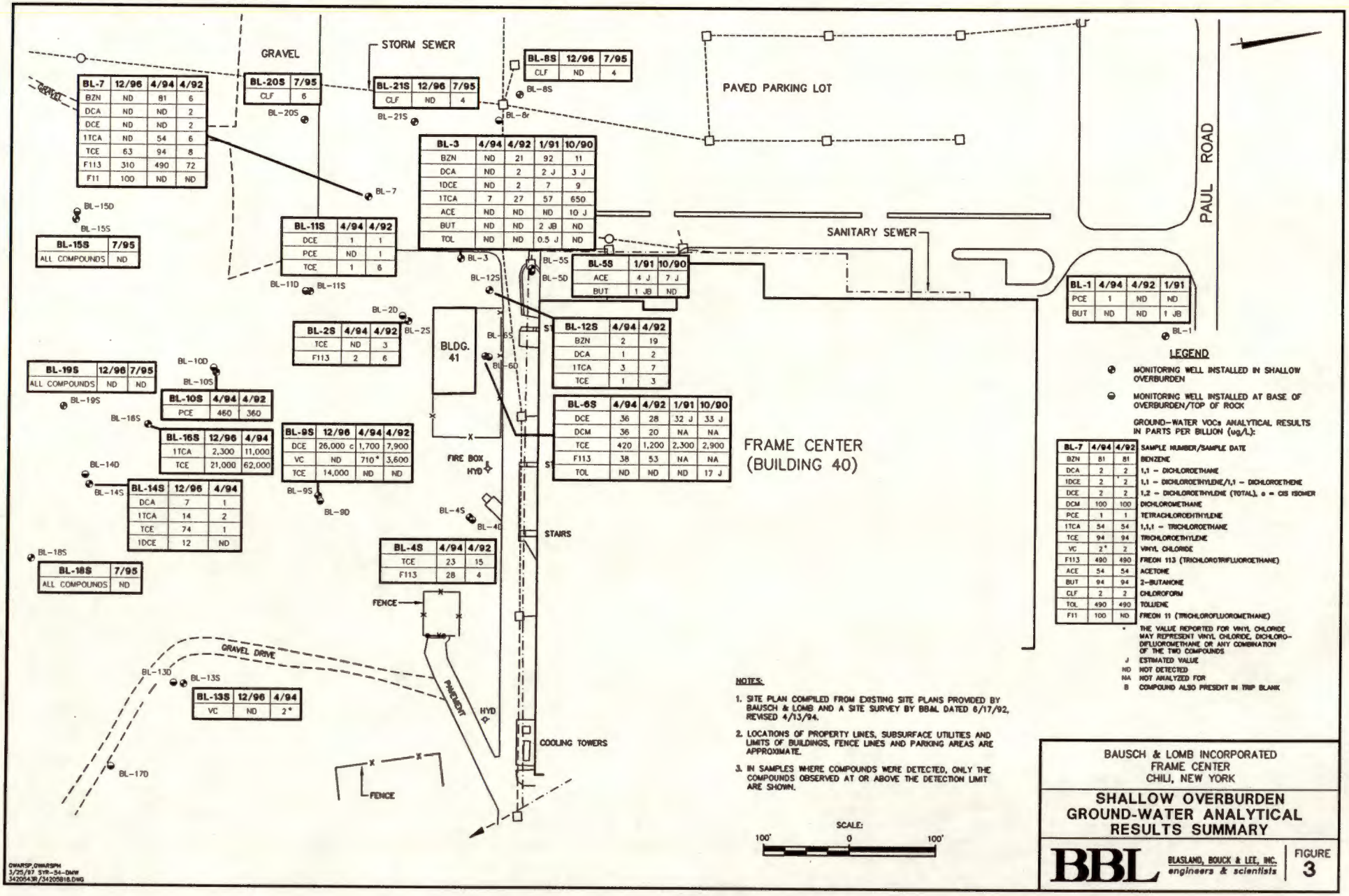


BAUSCH & LOMB INCORPORATED
FRAME CENTER
CHILI, NEW YORK

OVERBURDEN/BEDROCK INTERFACE POTENTIOMETRIC SURFACE CONTOURS - DECEMBER 10, 1996

BBL BLASLAND, BOUCK & LEE, INC. engineers & scientists

FIGURE 2



BL-7	12/96	4/94	4/92
BZN	ND	81	6
DCA	ND	ND	2
DCE	ND	ND	2
1TCA	ND	54	6
TCE	63	94	8
F113	310	490	72
F11	100	ND	ND

BL-20S	7/95
CLF	6

BL-21S	12/96	7/95
CLF	ND	4

BL-8S	12/96	7/95
CLF	ND	4

BL-3	4/94	4/92	1/91	10/90
BZN	ND	21	92	11
DCA	ND	2	2 J	3 J
1DCE	ND	2	7	9
1TCA	7	27	57	650
ACE	ND	ND	ND	10 J
BUT	ND	ND	2 JB	ND
TOL	ND	ND	0.5 J	ND

BL-11S	4/94	4/92
DCE	1	1
PCE	ND	1
TCE	1	6

BL-15S	7/95
ALL COMPOUNDS	ND

BL-5S	1/91	10/90
ACE	4 J	7 J
BUT	1 JB	ND

BL-1	4/94	4/92	1/91
PCE	1	ND	ND
BUT	ND	ND	1 JB

BL-12S	4/94	4/92
BZN	2	19
DCA	1	2
1TCA	3	7
TCE	1	3

BL-2S	4/94	4/92
TCE	ND	3
F113	2	6

BL-6S	4/94	4/92	1/91	10/90
DCE	36	28	32 J	33 J
DCM	36	20	NA	NA
TCE	420	1,200	2,300	2,900
F113	38	53	NA	NA
TOL	ND	ND	ND	17 J

BL-19S	12/96	7/95
ALL COMPOUNDS	ND	ND

BL-10S	4/94	4/92
PCE	460	360

BL-16S	12/96	4/94
1TCA	2,300	11,000
TCE	21,000	62,000

BL-9S	12/96	4/94	4/92
DCE	26,000 c	1,700	7,900
VC	ND	710 *	3,600
TCE	14,000	ND	ND

BL-14S	12/96	4/94
DCA	7	1
1TCA	14	2
TCE	74	1
1DCE	12	ND

BL-4S	4/94	4/92
TCE	23	15
F113	28	4

BL-18S	7/95
ALL COMPOUNDS	ND

BL-13S	12/96	4/94
VC	ND	2 *

LEGEND

- MONITORING WELL INSTALLED IN SHALLOW OVERBURDEN
- MONITORING WELL INSTALLED AT BASE OF OVERBURDEN/TOP OF ROCK

GROUND-WATER VOCs ANALYTICAL RESULTS IN PARTS PER BILLION (ug/L):

BL-7	4/94	4/92	SAMPLE NUMBER/SAMPLE DATE
BZN	81	81	BENZENE
DCA	2	2	1,1 – DICHLOROETHANE
1DCE	2	2	1,1 – DICHLOROETHYLENE/1,1 – DICHLOROETHENE
DCE	2	2	1,2 – DICHLOROETHYLENE (TOTAL), c = CIS ISOMER
DCM	100	100	DICHLOROMETHANE
PCE	1	1	TETRACHLOROETHYLENE
1TCA	54	54	1,1,1 – TRICHLOROETHANE
TCE	94	94	TRICHLOROETHYLENE
VC	2 *	2	VINYL CHLORIDE
F113	490	490	FREON 113 (TRICHLOROTRIFLUOROETHANE)
ACE	54	54	ACETONE
BUT	94	94	2-BUTANONE
CLF	2	2	CHLOROFORM
TOL	490	490	TOLUENE
F11	100	ND	FREON 11 (TRICHLOROFLUOROMETHANE)

* THE VALUE REPORTED FOR VINYL CHLORIDE MAY REPRESENT VINYL CHLORIDE, DICHLORODIFLUOROMETHANE OR ANY COMBINATION OF THE TWO COMPOUNDS

J ESTIMATED VALUE
ND NOT DETECTED
NA NOT ANALYZED FOR
B COMPOUND ALSO PRESENT IN TRIP BLANK

NOTES:

1. SITE PLAN COMPILED FROM EXISTING SITE PLANS PROVIDED BY BAUSCH & LOMB AND A SITE SURVEY BY BBL DATED 6/17/92, REVISED 4/13/94.
2. LOCATIONS OF PROPERTY LINES, SUBSURFACE UTILITIES AND LIMITS OF BUILDINGS, FENCE LINES AND PARKING AREAS ARE APPROXIMATE.
3. IN SAMPLES WHERE COMPOUNDS WERE DETECTED, ONLY THE COMPOUNDS OBSERVED AT OR ABOVE THE DETECTION LIMIT ARE SHOWN.

SCALE: 100' 0 100'

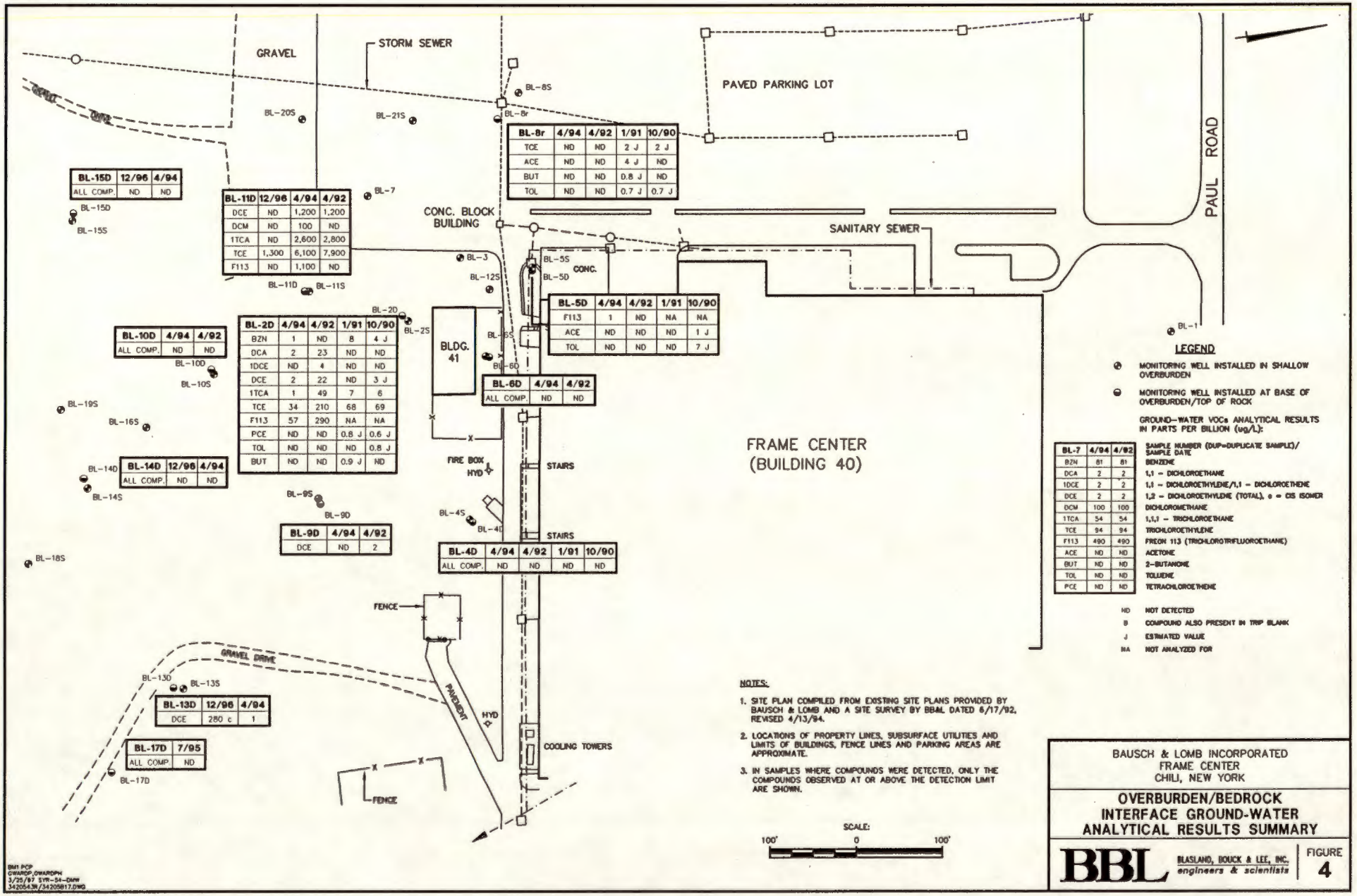
BAUSCH & LOMB INCORPORATED
FRAME CENTER
CHILI, NEW YORK

SHALLOW OVERBURDEN GROUND-WATER ANALYTICAL RESULTS SUMMARY

BBL BLASLAND, BOUCK & LEE, INC. engineers & scientists

FIGURE 3

GWARSP,DWG/SPN
3/25/97 SYR-54-DMW
3420543R/34205B18.DWG



BL-15D	12/96	4/94
ALL COMP.	ND	ND

BL-11D	12/96	4/94	4/92
DCE	ND	1,200	1,200
DCM	ND	100	ND
1TCA	ND	2,600	2,800
TCE	1,300	6,100	7,900
F113	ND	1,100	ND

BL-8r	4/94	4/92	1/91	10/90
TCE	ND	ND	2 J	2 J
ACE	ND	ND	4 J	ND
BUT	ND	ND	0.8 J	ND
TOL	ND	ND	0.7 J	0.7 J

BL-5D	4/94	4/92	1/91	10/90
F113	1	ND	NA	NA
ACE	ND	ND	ND	1 J
TOL	ND	ND	ND	7 J

BL-10D	4/94	4/92
ALL COMP.	ND	ND

BL-2D	4/94	4/92	1/91	10/90
BZN	1	ND	8	4 J
DCA	2	23	ND	ND
1DCE	ND	4	ND	ND
DCE	2	22	ND	3 J
1TCA	1	49	7	6
TCE	34	210	68	69
F113	57	290	NA	NA
PCE	ND	ND	0.8 J	0.6 J
TOL	ND	ND	ND	0.8 J
BUT	ND	ND	0.9 J	ND

BL-6D	4/94	4/92
ALL COMP.	ND	ND

BL-14D	12/96	4/94
ALL COMP.	ND	ND

BL-9D	4/94	4/92
DCE	ND	2

BL-4D	4/94	4/92	1/91	10/90
ALL COMP.	ND	ND	ND	ND

BL-13D	12/96	4/94
DCE	280 c	1

BL-17D	7/95
ALL COMP.	ND

LEGEND

- MONITORING WELL INSTALLED IN SHALLOW OVERBURDEN
- MONITORING WELL INSTALLED AT BASE OF OVERBURDEN/TOP OF ROCK

GROUND-WATER VOCs ANALYTICAL RESULTS IN PARTS PER BILLION (ug/L):

BL-7	4/94	4/92	SAMPLE NUMBER (DUP=DUPLICATE SAMPLE)/ SAMPLE DATE
BZN	81	81	BENZENE
DCA	2	2	1,1 - DICHLOROETHANE
1DCE	2	2	1,1 - DICHLOROETHYLENE/1,1 - DICHLOROETHENE
DCE	2	2	1,2 - DICHLOROETHYLENE (TOTAL), c = CIS ISOMER
DCM	100	100	DICHLOROMETHANE
1TCA	54	54	1,1,1 - TRICHLOROETHANE
TCE	94	94	TRICHLOROETHYLENE
F113	490	490	FREON 113 (TRICHLOROTRIFLUOROETHANE)
ACE	ND	ND	ACETONE
BUT	ND	ND	2-BUTANONE
TOL	ND	ND	TOLUENE
PCE	ND	ND	TETRACHLOROETHENE

ND NOT DETECTED
B COMPOUND ALSO PRESENT IN TRIP BLANK
J ESTIMATED VALUE
NA NOT ANALYZED FOR

NOTES:

1. SITE PLAN COMPILED FROM EXISTING SITE PLANS PROVIDED BY BAUSCH & LOMB AND A SITE SURVEY BY BB&L DATED 6/17/92, REVISED 4/13/94.
2. LOCATIONS OF PROPERTY LINES, SUBSURFACE UTILITIES AND LIMITS OF BUILDINGS, FENCE LINES AND PARKING AREAS ARE APPROXIMATE.
3. IN SAMPLES WHERE COMPOUNDS WERE DETECTED, ONLY THE COMPOUNDS OBSERVED AT OR ABOVE THE DETECTION LIMIT ARE SHOWN.

SCALE: 100' 0 100'

BAUSCH & LOMB INCORPORATED
FRAME CENTER
CHILI, NEW YORK

OVERBURDEN/BEDROCK INTERFACE GROUND-WATER ANALYTICAL RESULTS SUMMARY

BBL BLASLAND, BOUCK & LEE, INC. engineers & scientists

FIGURE 4

BM1.PCP
C:\WORP\DWG\PDH
3/25/97 SYR-54-DWH
3420543R/34205817.DWG

Bausch & Lomb Frame Center
Chili, New York
December 1996
Ground-Water Level Gauging and Limited Ground-Water Sampling Results

Appendices

Appendix 1

Subsurface Log BL-20Sr

Date Start/Finish: 3/03/97 / 3/03/97
Drilling Company: Nothnagle Drilling
Driller's Name: S. Lorenty
Drilling Method: Hollow Stem Auger
Bit Size: **Auger Size :** 4 1/4
Rig Type: CME-850
Spoon Size: 2-in.

Northing:
Easting:
Well Casing Elev.: 548.55 ft.
Corehole Depth:
Borehole Depth: 20.0 ft.
Ground Surface Elev.: 548.9 ft.

Geologist: Todd Farmen

Well No. BL-20Sr

Client:
Bausch & Lomb Frame Center

Site:
Bausch & Lomb
Chili, New York

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Blows/6 In.	N	Recovery (ft.)	PID (ppm) Headspace	Geotechnical Test	Geologic Column	Stratigraphic Description	Well Construction
gs elevation 548.9 ft.									GROUND SURFACE	8-inch diameter flush mount curb-box. Locking well cap.
0									Gray, dark gray, medium to coarse GRAVEL, some medium Sand and Silt, dry (FILL).	2' diameter X 1.5' thick concrete surface pad with 1/2 inch rebar.
545 5									Brown, red brown SILT and CLAY, some fine Sand, dry.	Cement/5% Bentonite grout 1.8' - 6.0'.
									Brown, red brown, fine SAND and SILT, trace Clay.	Hydrated bentonite pellet seal 6.0' - 8.0'.
540 10										2-inch diameter, Schedule 40 PVC riser 0.35' - 10.0'.
										Grade 0 morie sand 8.0' - 20.0'.
535 15									Some fine to medium Gravel 14.0' - 20.0'.	

BBL
BLASLAND, BOUCK & LEE INC.
engineers & scientists

Remarks:

Replacement well. Original well overdrilled and borehole grouted. Subsurface soil description from boring BL-20S.

Water Levels

Date / Time	Elevation	Depth

Site:
Bausch & Lomb
Chili, New York

Client:
Bausch & Lomb Frame Center

Well No. BL-20Sr

Total Depth = 20.0 ft.

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Blows/6 In.	N	Recovery (ft.)	PID (ppm) Headspace	Geotechnical Test	Geologic Column	Stratigraphic Description	Well Construction
530 / 0										2-in diameter Sch. 40, 10-slot PVC screen, 10.0' - 19.75'.
20									Bottom of boring at 20.0'.	0.25' sump.
525 / 25										
520 / 30										
515 / 35										

BBL
BLASLAND, BOUCK & LEE INC.
engineers & scientists

Remarks:

Water Levels

Date / Time	Elevation	Depth

Project: 342.10

Script: BBL-well
Date: 03/24/97

Appendix 2

Analytical Results for
Limited Ground-Water Sampling Event
December 10 & 11, 1996

O'BRIEN & GERE
LABORATORIES, INC.

December 18, 1996

Mr. George Thomas
BLASLAND, BOUCK & LEE, INC.
6723 Towpath Road
P.O. Box 66
Syracuse, NY 13214-0066

Re: Lab Data Report

File: 2887.030.517

Dear Mr. Thomas

Please find enclosed the results of laboratory analysis on samples received 12-11-96.

If you have any questions concerning these results, please do not hesitate to contact us.

Very truly yours,

O'BRIEN & GERE LABORATORIES, INC.

Monika Santucci

Monika Santucci
Supervisor

MS/bpp

Enclosure (Report and Copy of Invoice for your information)

CC: Mr. David Greene - Blasland, Bouck & Lee, Inc. - Rochester

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8010/8020

Client: Blasland, Bouck & Lee, Inc.
Project: Chili, NY
Proj. Desc: Bausch & Lomb Frame Center Sewer Excavation

Job No.: 2887.030.517
Certification NY No.: 10155

Sample: B8957
Samp. Description: BL-7
Primary column: Y
Units: ug/L
Column: DB VRX 75m X .45mm ID
Dilution: 50 Instrument: 9001

Collected: 12/10/96
Received: 12/11/96
Prepared:
Analyzed: 12/12/96

Matrix: Water
QC Batch: 121296W1
%Solids:
Sample Size: 5 mL

Number of analytes: 38

Parameter	Result	Col	Surrog Limits	Notes
Benzene	<50.	1		
Bromodichloromethane	<50.	1		
Bromoform	<500.	1		
Bromomethane	<500.	1		
Carbon tetrachloride	<50.	1		
Chlorobenzene	<50.	1		
Chloroethane	<50.	1		
2-Chloroethylvinyl ether	<500.	1		
Chloroform	<50.	1		
Chloromethane	<500.	1		
Dibromochloromethane	<50.	1		
1,2-Dichlorobenzene	<250.	1		
1,3-Dichlorobenzene	<250.	1		
1,4-Dichlorobenzene	<250.	1		
Dichlorodifluoromethane	<500.	1		
1,1-Dichloroethane	<50.	1		
1,2-Dichloroethane	<50.	1		
1,1-Dichloroethylene	<50.	1		
cis-1,2-Dichloroethylene	<50.	1		
trans-1,2-Dichloroethylene	<50.	1		
Dichloromethane	<50.	1		
1,2-Dichloropropane	<50.	1		
cis-1,3-Dichloropropylene	<50.	1		
trans-1,3-Dichloropropylene	<50.	1		
Ethylbenzene	<50.	1		
1,1,2,2-Tetrachloroethane	<50.	1		
Tetrachloroethylene	<50.	1		

- Outside control limits J-Estimated value

Authorized: Monika Santucci
Date: December 16,1996 Monika Santucci

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8010/8020

Client: Blasland, Bouck & Lee, Inc.
Project: Chili, NY
Proj. Desc: Bausch & Lomb Frame Center Sewer Excavation

Job No.: 2887.030.517
Certification NY No.: 10155

Sample: B8957
Samp. Description: BL-7
Primary column: Y
Units: ug/L
Column: DB VRX 75m X .45mm ID
Dilution: 50 Instrument: 9001

Collected: 12/10/96
Received: 12/11/96
Prepared:
Analyzed: 12/12/96

Matrix: Water
QC Batch: 121296W1
%Solids:
Sample Size: 5 mL

Number of analytes: 38

Parameter	Result	Col	Surrog Limits	Notes
Toluene	<50.	1		
1,1,1-Trichloroethane	<50.	1		
1,1,2-Trichloroethane	<50.	1		
Trichloroethylene	63.	1		
Trichlorofluoromethane	100.	1		
Vinyl Chloride	<50.	1		
Xylenes (total)	<150.	1		
Freon 113	310.	1		
Bromochloromethane (surrogate)	90.%	1	65-122	
1,4-Difluorobenzene (surrogate)	93.%	1	65-111	
Trifluorotoluene (surrogate)	89.%	1	64-115	

Notes:

- Outside control limits J-Estimated value

Authorized: Monika Santucci
Date: December 16, 1996 Monika Santucci

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8010/8020

Client: Blasland, Bouck & Lee, Inc.
Project: Chili, NY
Proj. Desc: Bausch & Lomb Frame Center Sewer Excavation

Job No.: 2887.030.517
Certification NY No.: 10155

Sample: B8958
Samp. Description: BL-15D
Primary column: Y
Units: ug/L
Column: DB VRX 75m X .45mm ID
Dilution: 1 Instrument: 9001

Collected: 12/10/96
Received: 12/11/96
Prepared:
Analyzed: 12/12/96

Matrix: Water
QC Batch: 121296W1
%Solids:
Sample Size: 5 mL

Number of analytes: 38

Parameter	Result	Col	Surrog Limits	Notes
Benzene	<1.	1		
Bromodichloromethane	<1.	1		
Bromoform	<10.	1		
Bromomethane	<10.	1		
Carbon tetrachloride	<1.	1		
Chlorobenzene	<1.	1		
Chloroethane	<1.	1		
2-Chloroethylvinyl ether	<10.	1		
Chloroform	<1.	1		
Chloromethane	<10.	1		
Dibromochloromethane	<1.	1		
1,2-Dichlorobenzene	<5.	1		
1,3-Dichlorobenzene	<5.	1		
1,4-Dichlorobenzene	<5.	1		
Dichlorodifluoromethane	<10.	1		
1,1-Dichloroethane	<1.	1		
1,2-Dichloroethane	<1.	1		
1,1-Dichloroethylene	<1.	1		
cis-1,2-Dichloroethylene	<1.	1		
trans-1,2-Dichloroethylene	<1.	1		
Dichloromethane	<1.	1		
1,2-Dichloropropane	<1.	1		
cis-1,3-Dichloropropylene	<1.	1		
trans-1,3-Dichloropropylene	<1.	1		
Ethylbenzene	<1.	1		
1,1,2,2-Tetrachloroethane	<1.	1		
Tetrachloroethylene	<1.	1		

- Outside control limits J-Estimated value

Authorized: Monika Santucci
Date: December 16,1996 Monika Santucci

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200

O'Brien & Gere Laboratories,Inc.

Analytical Results Method: 8010/8020

Client: Blasland, Bouck & Lee, Inc.
Project: Chili, NY
Proj. Desc: Bausch & Lomb Frame Center Sewer Excavation

Job No.: 2887.030.517
Certification NY No.: 10155

Sample: B8958
Samp. Description: BL-15D
Primary column: Y
Units: ug/L
Column: DB VRX 75m X .45mm ID
Dilution: 1 Instrument: 9001

Collected: 12/10/96
Received: 12/11/96
Prepared:
Analyzed: 12/12/96

Matrix: Water
QC Batch: 121296W1
%Solids:
Sample Size: 5 mL

Number of analytes: 38

Parameter	Result	Col	Surrog Limits	Notes
Toluene	<1.	1		
1,1,1-Trichloroethane	<1.	1		
1,1,2-Trichloroethane	<1.	1		
Trichloroethylene	<1.	1		
Trichlorofluoromethane	<1.	1		
Vinyl Chloride	<1.	1		
Xylenes (total)	<3.	1		
Freon 113	<1.	1		
Bromochloromethane (surrogate)	83.%	1	65-122	
1,4-Difluorobenzene (surrogate)	98.%	1	65-111	
Trifluorotoluene (surrogate)	99.%	1	64-115	

Notes:

- Outside control limits J-Estimated value

Authorized: Monika Santucci
Date: December 16,1996 Monika Santucci

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8010/8020

Client: Blasland, Bouck & Lee, Inc.
Project: Chili, NY
Proj. Desc: Bausch & Lomb Frame Center Sewer Excavation

Job No.: 2887.030.517
Certification NY No.: 10155

Sample: B8959
Samp. Description: BL-13D
Primary column: Y
Units: ug/L
Column: DB VRX 75m X .45mm ID
Dilution: 10 Instrument: 9001

Collected: 12/10/96
Received: 12/11/96
Prepared:
Analyzed: 12/12/96

Matrix: Water
QC Batch: 121296W1
%Solids:
Sample Size: 5 mL

Number of analytes: 38

Parameter	Result	Col	Surrog Limits	Notes
Benzene	<10.	1		
Bromodichloromethane	<10.	1		
Bromoform	<100.	1		
Bromomethane	<100.	1		
Carbon tetrachloride	<10.	1		
Chlorobenzene	<10.	1		
Chloroethane	<10.	1		
2-Chloroethylvinyl ether	<100.	1		
Chloroform	<10.	1		
Chloromethane	<100.	1		
Dibromochloromethane	<10.	1		
1,2-Dichlorobenzene	<50.	1		
1,3-Dichlorobenzene	<50.	1		
1,4-Dichlorobenzene	<50.	1		
Dichlorodifluoromethane	<100.	1		
1,1-Dichloroethane	<10.	1		
1,2-Dichloroethane	<10.	1		
1,1-Dichloroethylene	<10.	1		
cis-1,2-Dichloroethylene	280.	1		
trans-1,2-Dichloroethylene	<10.	1		
Dichloromethane	<10.	1		
1,2-Dichloropropane	<10.	1		
cis-1,3-Dichloropropylene	<10.	1		
trans-1,3-Dichloropropylene	<10.	1		
Ethylbenzene	<10.	1		
1,1,2,2-Tetrachloroethane	<10.	1		
Tetrachloroethylene	<10.	1		

- Outside control limits J-Estimated value

Authorized: Monika Santucci
Date: December 16,1996 Monika Santucci

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8010/8020

Client: Blasland, Bouck & Lee, Inc.
Project: Chili, NY
Proj. Desc: Bausch & Lomb Frame Center Sewer Excavation

Job No.: 2887.030.517
Certification NY No.: 10155

Sample: B8959
Samp. Description: BL-13D
Primary column: Y
Units: ug/L
Column: DB VRX 75m X .45mm ID
Dilution: 10 Instrument: 9001

Collected: 12/10/96
Received: 12/11/96
Prepared:
Analyzed: 12/12/96

Matrix: Water
QC Batch: 121296W1
%Solids:
Sample Size: 5 mL

Number of analytes: 38

Parameter	Result	Col	Surrog Limits	Notes
Toluene	<10.	1		
1,1,1-Trichloroethane	<10.	1		
1,1,2-Trichloroethane	<10.	1		
Trichloroethylene	<10.	1		
Trichlorofluoromethane	<10.	1		
Vinyl Chloride	<10.	1		
Xylenes (total)	<30.	1		
Freon 113	<10.	1		
Bromochloromethane (surrogate)	103.%	1	65-122	
1,4-Difluorobenzene (surrogate)	94.%	1	65-111	
Trifluorotoluene (surrogate)	87.%	1	64-115	

Notes:

- Outside control limits J-Estimated value

Authorized: Monika Santucci
Date: December 16,1996 Monika Santucci

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8010/8020

Client: Blasland, Bouck & Lee, Inc.
Project: Chili, NY
Proj. Desc: Bausch & Lomb Frame Center Sewer Excavation

Job No.: 2887.030.517
Certification NY No.: 10155

Sample: B8960
Samp. Description: BL-13S
Primary column: Y
Units: ug/L
Column: DB VRX 75m X .45mm ID
Dilution: 1 Instrument: 9001

Collected: 12/10/96
Received: 12/11/96
Prepared:
Analyzed: 12/12/96

Matrix: Water
QC Batch: 121296W1
%Solids:
Sample Size: 5 mL

Number of analytes: 38

Parameter	Result	Col	Surrog Limits	Notes
Benzene	<1.	1		
Bromodichloromethane	<1.	1		
Bromoform	<10.	1		
Bromomethane	<10.	1		
Carbon tetrachloride	<1.	1		
Chlorobenzene	<1.	1		
Chloroethane	<1.	1		
2-Chloroethylvinyl ether	<10.	1		
Chloroform	<1.	1		
Chloromethane	<10.	1		
Dibromochloromethane	<1.	1		
1,2-Dichlorobenzene	<5.	1		
1,3-Dichlorobenzene	<5.	1		
1,4-Dichlorobenzene	<5.	1		
Dichlorodifluoromethane	<10.	1		
1,1-Dichloroethane	<1.	1		
1,2-Dichloroethane	<1.	1		
1,1-Dichloroethylene	<1.	1		
cis-1,2-Dichloroethylene	<1.	1		
trans-1,2-Dichloroethylene	<1.	1		
Dichloromethane	<1.	1		
1,2-Dichloropropane	<1.	1		
cis-1,3-Dichloropropylene	<1.	1		
trans-1,3-Dichloropropylene	<1.	1		
Ethylbenzene	<1.	1		
1,1,2,2-Tetrachloroethane	<1.	1		
Tetrachloroethylene	<1.	1		

- Outside control limits J-Estimated value

Authorized: Monika Santucci
Date: December 16,1996 Monika Santucci

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8010/8020

Client: Blasland, Bouck & Lee, Inc.
Project: Chili, NY
Proj. Desc: Bausch & Lomb Frame Center Sewer Excavation

Job No.: 2887.030.517
Certification NY No.: 10155

Sample: B8960
Samp. Description: BL-13S
Primary column: Y
Units: ug/L
Column: DB VRX 75m X .45mm ID
Dilution: 1 Instrument: 9001

Collected: 12/10/96
Received: 12/11/96
Prepared:
Analyzed: 12/12/96

Matrix: Water
QC Batch: 121296W1
%Solids:
Sample Size: 5 mL

Number of analytes: 38

Parameter	Result	Col	Surrog Limits	Notes
Toluene	<1.	1		
1,1,1-Trichloroethane	<1.	1		
1,1,2-Trichloroethane	<1.	1		
Trichloroethylene	<1.	1		
Trichlorofluoromethane	<1.	1		
Vinyl Chloride	<1.	1		
Xylenes (total)	<3.	1		
Freon 113	<1.	1		
Bromochloromethane (surrogate)	89.%	1	65-122	
1,4-Difluorobenzene (surrogate)	96.%	1	65-111	
Trifluorotoluene (surrogate)	96.%	1	64-115	

Notes:

- Outside control limits J-Estimated value

Authorized: Monika Santucci
Date: December 16,1996 Monika Santucci

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8010/8020

Client: Blasland, Bouck & Lee, Inc.
Project: Chili, NY
Proj. Desc: Bausch & Lomb Frame Center Sewer Excavation

Job No.: 2887.030.517
Certification NY No.: 10155

Sample: B8961
Samp. Description: BL-16S
Primary column: Y
Units: ug/L
Column: DB VRX 75m X .45mm ID
Dilution: 1000 Instrument: 9001

Collected: 12/10/96
Received: 12/11/96
Prepared:
Analyzed: 12/12/96

Matrix: Water
QC Batch: 121296W1
%Solids:
Sample Size: 5 mL

Number of analytes: 38

Parameter	Result	Col	Surrog Limits	Notes
Benzene	<1000.	1		
Bromodichloromethane	<1000.	1		
Bromoform	<10000.	1		
Bromomethane	<10000.	1		
Carbon tetrachloride	<1000.	1		
Chlorobenzene	<1000.	1		
Chloroethane	<1000.	1		
2-Chloroethylvinyl ether	<10000.	1		
Chloroform	<1000.	1		
Chloromethane	<10000.	1		
Dibromochloromethane	<1000.	1		
1,2-Dichlorobenzene	<5000.	1		
1,3-Dichlorobenzene	<5000.	1		
1,4-Dichlorobenzene	<5000.	1		
Dichlorodifluoromethane	<10000.	1		
1,1-Dichloroethane	<1000.	1		
1,2-Dichloroethane	<1000.	1		
1,1-Dichloroethylene	<1000.	1		
cis-1,2-Dichloroethylene	<1000.	1		
trans-1,2-Dichloroethylene	<1000.	1		
Dichloromethane	<1000.	1		
1,2-Dichloropropane	<1000.	1		
cis-1,3-Dichloropropylene	<1000.	1		
trans-1,3-Dichloropropylene	<1000.	1		
Ethylbenzene	<1000.	1		
1,1,2,2-Tetrachloroethane	<1000.	1		
Tetrachloroethylene	<1000.	1		

- Outside control limits J-Estimated value

Authorized: Monika Santucci
Date: December 16, 1996

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8010/8020

Client: Blasland, Bouck & Lee, Inc.
Project: Chili, NY
Proj. Desc: Bausch & Lomb Frame Center Sewer Excavation

Job No.: 2887.030.517
Certification NY No.: 10155

Sample: B8961
Samp. Description: BL-16S
Primary column: Y
Units: ug/L
Column: DB VRX 75m X .45mm ID
Dilution: 1000 Instrument: 9001

Collected: 12/10/96
Received: 12/11/96
Prepared:
Analyzed: 12/12/96

Matrix: Water
QC Batch: 121296W1
%Solids:
Sample Size: 5 mL

Number of analytes: 38

Parameter	Result	Col	Surrog Limits	Notes
Toluene	<1000.	1		
1,1,1-Trichloroethane	2300.	1		
1,1,2-Trichloroethane	<1000.	1		
Trichloroethylene	21000.	1		
Trichlorofluoromethane	<1000.	1		
Vinyl Chloride	<1000.	1		
Xylenes (total)	<3000.	1		
Freon 113	<1000.	1		
Bromochloromethane (surrogate)	88.%	1	65-122	
1,4-Difluorobenzene (surrogate)	95.%	1	65-111	
Trifluorotoluene (surrogate)	94.%	1	64-115	

Notes:

- Outside control limits J-Estimated value

Authorized: Monika Santucci
Date: December 16,1996 Monika Santucci

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8010/8020

Client: Blasland, Bouck & Lee, Inc.
Project: Chili, NY
Proj. Desc: Bausch & Lomb Frame Center Sewer Excavation

Job No.: 2887.030.517
Certification NY No.: 10155

Sample: B8962
Samp. Description: DUP-1
Primary column: Y
Units: ug/L
Column: DB VRX 75m X .45mm ID
Dilution: 1000 Instrument: 9001

Collected: 12/10/96
Received: 12/11/96
Prepared:
Analyzed: 12/12/96

Matrix: Water
QC Batch: 121296W1
%Solids:
Sample Size: 5 mL

Number of analytes: 38

Parameter	Result	Col	Surrog Limits	Notes
Benzene	<1000.	1		
Bromodichloromethane	<1000.	1		
Bromoform	<10000.	1		
Bromomethane	<10000.	1		
Carbon tetrachloride	<1000.	1		
Chlorobenzene	<1000.	1		
Chloroethane	<1000.	1		
2-Chloroethylvinyl ether	<10000.	1		
Chloroform	<1000.	1		
Chloromethane	<10000.	1		
Dibromochloromethane	<1000.	1		
1,2-Dichlorobenzene	<5000.	1		
1,3-Dichlorobenzene	<5000.	1		
1,4-Dichlorobenzene	<5000.	1		
Dichlorodifluoromethane	<10000.	1		
1,1-Dichloroethane	<1000.	1		
1,2-Dichloroethane	<1000.	1		
1,1-Dichloroethylene	<1000.	1		
cis-1,2-Dichloroethylene	<1000.	1		
trans-1,2-Dichloroethylene	<1000.	1		
Dichloromethane	<1000.	1		
1,2-Dichloropropane	<1000.	1		
cis-1,3-Dichloropropylene	<1000.	1		
trans-1,3-Dichloropropylene	<1000.	1		
Ethylbenzene	<1000.	1		
1,1,2,2-Tetrachloroethane	<1000.	1		
Tetrachloroethylene	<1000.	1		

- Outside control limits J-Estimated value

Authorized: Monika Santucci
Date: December 16,1996 Monika Santucci

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8010/8020

Client: Blasland, Bouck & Lee, Inc.
Project: Chili, NY
Proj. Desc: Bausch & Lomb Frame Center Sewer Excavation

Job No.: 2887.030.517
Certification NY No.: 10155

Sample: B8962
Samp. Description: DUP-1
Primary column: Y
Units: ug/L
Column: DB VRX 75m X .45mm ID
Dilution: 1000 Instrument: 9001

Collected: 12/10/96
Received: 12/11/96
Prepared:
Analyzed: 12/12/96

Matrix: Water
QC Batch: 121296W1
%Solids:
Sample Size: 5 mL

Number of analytes: 38

Parameter	Result	Col	Surrog Limits	Notes
Toluene	<1000.	1		
1,1,1-Trichloroethane	2200.	1		
1,1,2-Trichloroethane	<1000.	1		
Trichloroethylene	21000.	1		
Trichlorofluoromethane	<1000.	1		
Vinyl Chloride	<1000.	1		
Xylenes (total)	<3000.	1		
Freon 113	<1000.	1		
Bromochloromethane (surrogate)	87.%	1	65-122	
1,4-Difluorobenzene (surrogate)	94.%	1	65-111	
Trifluorotoluene (surrogate)	90.%	1	64-115	

Notes:

- Outside control limits J-Estimated value

Authorized: Monika Santucci
Date: December 16, 1996 Monika Santucci

O'Brien & Gere Laboratories,Inc.

Analytical Results Method: 8010/8020

Client: Blasland, Bouck & Lee, Inc.
Project: Chili, NY
Proj. Desc: Bausch & Lomb Frame Center Sewer Excavation

Job No.: 2887.030.517
Certification NY No.: 10155

Sample: B8963
Samp. Description: BL-14S
Primary column: Y
Units: ug/L
Column: DB VRX 75m X .45mm ID
Dilution: 1 Instrument: 9001

Collected: 12/10/96
Received: 12/11/96
Prepared:
Analyzed: 12/12/96

Matrix: Water
QC Batch: 121296W1
%Solids:
Sample Size: 5 mL

Number of analytes: 38

Parameter	Result	Col	Surrog Limits	Notes
Benzene	<1.	1		
Bromodichloromethane	<1.	1		
Bromoform	<10.	1		
Bromomethane	<10.	1		
Carbon tetrachloride	<1.	1		
Chlorobenzene	<1.	1		
Chloroethane	<1.	1		
2-Chloroethylvinyl ether	<10.	1		
Chloroform	<1.	1		
Chloromethane	<10.	1		
Dibromochloromethane	<1.	1		
1,2-Dichlorobenzene	<5.	1		
1,3-Dichlorobenzene	<5.	1		
1,4-Dichlorobenzene	<5.	1		
Dichlorodifluoromethane	<10.	1		
1,1-Dichloroethane	7.	1		
1,2-Dichloroethane	<1.	1		
1,1-Dichloroethylene	12.	1		
cis-1,2-Dichloroethylene	<1.	1		
trans-1,2-Dichloroethylene	<1.	1		
Dichloromethane	<1.	1		
1,2-Dichloropropane	<1.	1		
cis-1,3-Dichloropropylene	<1.	1		
trans-1,3-Dichloropropylene	<1.	1		
Ethylbenzene	<1.	1		
1,1,2,2-Tetrachloroethane	<1.	1		
Tetrachloroethylene	<1.	1		

- Outside control limits J-Estimated value

Authorized: Monika Santucci
Date: December 16,1996 Monika Santucci

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200

O'Brien & Gere Laboratories,Inc.

Analytical Results Method: 8010/8020

Client: Blasland, Bouck & Lee, Inc.
Project: Chili, NY
Proj. Desc: Bausch & Lomb Frame Center Sewer Excavation

Job No.: 2887.030.517
Certification NY No.: 10155

Sample: B8963
Samp. Description: BL-14S
Primary column: Y
Units: ug/L
Column: DB VRX 75m X .45mm ID
Dilution: 1 Instrument: 9001

Collected: 12/10/96
Received: 12/11/96
Prepared:
Analyzed: 12/12/96

Matrix: Water
QC Batch: 121296W1
%Solids:
Sample Size: 5 mL

Number of analytes: 38

Parameter	Result	Col	Surrog Limits	Notes
Toluene	<1.	1		
1,1,1-Trichloroethane	14.	1		
1,1,2-Trichloroethane	<1.	1		
Trichloroethylene	74.	1		
Trichlorofluoromethane	<1.	1		
Vinyl Chloride	<1.	1		
Xylenes (total)	<3.	1		
Freon 113	<1.	1		
Bromochloromethane (surrogate)	103.%	1	65-122	
1,4-Difluorobenzene (surrogate)	97.%	1	65-111	
Trifluorotoluene (surrogate)	97.%	1	64-115	

Notes:

- Outside control limits J-Estimated value

Authorized: Monika Santucci
Date: December 16,1996 Monika Santucci

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200

O'Brien & Gere Laboratories,Inc.

Analytical Results Method: 8010/8020

Client: Blasland, Bouck & Lee, Inc.
Project: Chili, NY
Proj. Desc: Bausch & Lomb Frame Center Sewer Excavation

Job No.: 2887.030.517
Certification NY No.: 10155

Sample: B8964
Samp. Description: BL-14D
Primary column: Y
Units: ug/L
Column: DB VRX 75m X .45mm ID
Dilution: 1 Instrument: 9001

Collected: 12/10/96
Received: 12/11/96
Prepared:
Analyzed: 12/12/96

Matrix: Water
QC Batch: 121296W1
%Solids:
Sample Size: 5 mL

Number of analytes: 38

Parameter	Result	Col	Surrog Limits	Notes
Benzene	<1.	1		
Bromodichloromethane	<1.	1		
Bromoform	<10.	1		
Bromomethane	<10.	1		
Carbon tetrachloride	<1.	1		
Chlorobenzene	<1.	1		
Chloroethane	<1.	1		
2-Chloroethylvinyl ether	<10.	1		
Chloroform	<1.	1		
Chloromethane	<10.	1		
Dibromochloromethane	<1.	1		
1,2-Dichlorobenzene	<5.	1		
1,3-Dichlorobenzene	<5.	1		
1,4-Dichlorobenzene	<5.	1		
Dichlorodifluoromethane	<10.	1		
1,1-Dichloroethane	<1.	1		
1,2-Dichloroethane	<1.	1		
1,1-Dichloroethylene	<1.	1		
cis-1,2-Dichloroethylene	<1.	1		
trans-1,2-Dichloroethylene	<1.	1		
Dichloromethane	<1.	1		
1,2-Dichloropropane	<1.	1		
cis-1,3-Dichloropropylene	<1.	1		
trans-1,3-Dichloropropylene	<1.	1		
Ethylbenzene	<1.	1		
1,1,2,2-Tetrachloroethane	<1.	1		
Tetrachloroethylene	<1.	1		

- Outside control limits J-Estimated value

Authorized: Monika Santucci
Date: December 16,1996 Monika Santucci

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8010/8020

Client: Blasland, Bouck & Lee, Inc.
Project: Chili, NY
Proj. Desc: Bausch & Lomb Frame Center Sewer Excavation

Job No.: 2887.030.517
Certification NY No.: 10155

Sample: B8964
Samp. Description: BL-14D
Primary column: Y
Units: ug/L
Column: DB VRX 75m X .45mm ID
Dilution: 1 Instrument: 9001

Collected: 12/10/96
Received: 12/11/96
Prepared:
Analyzed: 12/12/96

Matrix: Water
QC Batch: 121296W1
%Solids:
Sample Size: 5 mL

Number of analytes: 38

Parameter	Result	Col	Surrog Limits	Notes
Toluene	<1.	1		
1,1,1-Trichloroethane	<1.	1		
1,1,2-Trichloroethane	<1.	1		
Trichloroethylene	<1.	1		
Trichlorofluoromethane	<1.	1		
Vinyl Chloride	<1.	1		
Xylenes (total)	<3.	1		
Freon 113	<1.	1		
Bromochloromethane (surrogate)	88.%	1	65-122	
1,4-Difluorobenzene (surrogate)	92.%	1	65-111	
Trifluorotoluene (surrogate)	92.%	1	64-115	

Notes:

- Outside control limits J-Estimated value

Authorized: Monika Santucci
Date: December 16,1996 Monika Santucci

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8010/8020

Client: Blasland, Bouck & Lee, Inc.
Project: Chili, NY
Proj. Desc: Bausch & Lomb Frame Center Sewer Excavation

Job No.: 2887.030.517
Certification NY No.: 10155

Sample: B8965
Samp. Description: BL-9S
Primary column: Y
Units: ug/L
Column: DB VRX 75m X .45mm ID
Dilution: 1000 Instrument: 9001

Collected: 12/11/96
Received: 12/11/96
Prepared:
Analyzed: 12/13/96

Matrix: Water
QC Batch: 121396W1
%Solids:
Sample Size: 5 mL

Number of analytes: 38

Parameter	Result	Col	Surrog Limits	Notes
Benzene	<1000.	1		
Bromodichloromethane	<1000.	1		
Bromoform	<10000.	1		
Bromomethane	<10000.	1		
Carbon tetrachloride	<1000.	1		
Chlorobenzene	<1000.	1		
Chloroethane	<1000.	1		
2-Chloroethylvinyl ether	<10000.	1		
Chloroform	<1000.	1		
Chloromethane	<10000.	1		
Dibromochloromethane	<1000.	1		
1,2-Dichlorobenzene	<5000.	1		
1,3-Dichlorobenzene	<5000.	1		
1,4-Dichlorobenzene	<5000.	1		
Dichlorodifluoromethane	<10000.	1		
1,1-Dichloroethane	<1000.	1		
1,2-Dichloroethane	<1000.	1		
1,1-Dichloroethylene	<1000.	1		
cis-1,2-Dichloroethylene	26000.	1		
trans-1,2-Dichloroethylene	<1000.	1		
Dichloromethane	<1000.	1		
1,2-Dichloropropane	<1000.	1		
cis-1,3-Dichloropropylene	<1000.	1		
trans-1,3-Dichloropropylene	<1000.	1		
Ethylbenzene	<1000.	1		
1,1,2,2-Tetrachloroethane	<1000.	1		
Tetrachloroethylene	<1000.	1		

- Outside control limits J-Estimated value

Authorized: Monika Santucci
Date: December 16, 1996 Monika Santucci

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8010/8020

Client: Blasland, Bouck & Lee, Inc.
Project: Chili, NY
Proj. Desc: Bausch & Lomb Frame Center Sewer Excavation

Job No.: 2887.030.517
Certification NY No.: 10155

Sample: B8965
Samp. Description: BL-9S
Primary column: Y
Units: ug/L
Column: DB VRX 75m X .45mm ID
Dilution: 1000 Instrument: 9001

Collected: 12/11/96
Received: 12/11/96
Prepared:
Analyzed: 12/13/96

Matrix: Water
QC Batch: 121396W1
%Solids:
Sample Size: 5 mL

Number of analytes: 38

Parameter	Result	Col	Surrog Limits	Notes
Toluene	<1000.	1		
1,1,1-Trichloroethane	<1000.	1		
1,1,2-Trichloroethane	<1000.	1		
Trichloroethylene	14000.	1		
Trichlorofluoromethane	<1000.	1		
Vinyl Chloride	<1000.	1		
Xylenes (total)	<3000.	1		
Freon 113	<1000.	1		
Bromochloromethane (surrogate)	97.%	1	65-122	
1,4-Difluorobenzene (surrogate)	89.%	1	65-111	
Trifluorotoluene (surrogate)	87.%	1	64-115	

Notes:

- Outside control limits J-Estimated value

Authorized: Monika Santucci
Date: December 16,1996 Monika Santucci

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8010/8020

Client: Blasland, Bouck & Lee, Inc.
Project: Chili, NY
Proj. Desc: Bausch & Lomb Frame Center Sewer Excavation

Job No.: 2887.030.517
Certification NY No.: 10155

Sample: B8966
Samp. Description: BL-19S
Primary column: Y
Units: ug/L
Column: DB VRX 75m X .45mm ID
Dilution: 1 Instrument: 9001

Collected: 12/11/96
Received: 12/11/96
Prepared:
Analyzed: 12/12/96

Matrix: Water
QC Batch: 121296W1
%Solids:
Sample Size: 5 mL

Number of analytes: 38

Parameter	Result	Col	Surrog Limits	Notes
Benzene	<1.	1		
Bromodichloromethane	<1.	1		
Bromoform	<10.	1		
Bromomethane	<10.	1		
Carbon tetrachloride	<1.	1		
Chlorobenzene	<1.	1		
Chloroethane	<1.	1		
2-Chloroethylvinyl ether	<10.	1		
Chloroform	<1.	1		
Chloromethane	<10.	1		
Dibromochloromethane	<1.	1		
1,2-Dichlorobenzene	<5.	1		
1,3-Dichlorobenzene	<5.	1		
1,4-Dichlorobenzene	<5.	1		
Dichlorodifluoromethane	<10.	1		
1,1-Dichloroethane	<1.	1		
1,2-Dichloroethane	<1.	1		
1,1-Dichloroethylene	<1.	1		
cis-1,2-Dichloroethylene	<1.	1		
trans-1,2-Dichloroethylene	<1.	1		
Dichloromethane	<1.	1		
1,2-Dichloropropane	<1.	1		
cis-1,3-Dichloropropylene	<1.	1		
trans-1,3-Dichloropropylene	<1.	1		
Ethylbenzene	<1.	1		
1,1,2,2-Tetrachloroethane	<1.	1		
Tetrachloroethylene	<1.	1		

- Outside control limits J-Estimated value

Authorized: Monika Santucci
Date: December 16, 1996 Monika Santucci

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8010/8020

Client: Blasland, Bouck & Lee, Inc.
Project: Chili, NY
Proj. Desc: Bausch & Lomb Frame Center Sewer Excavation

Job No.: 2887.030.517
Certification NY No.: 10155

Sample: B8966
Samp. Description: BL-19S
Primary column: Y
Units: ug/L
Column: DB VRX 75m X .45mm ID
Dilution: 1 Instrument: 9001

Collected: 12/11/96
Received: 12/11/96
Prepared:
Analyzed: 12/12/96

Matrix: Water
QC Batch: 121296W1
%Solids:
Sample Size: 5 mL

Number of analytes: 38

Parameter	Result	Col	Surrog Limits	Notes
Toluene	<1.	1		
1,1,1-Trichloroethane	<1.	1		
1,1,2-Trichloroethane	<1.	1		
Trichloroethylene	<1.	1		
Trichlorofluoromethane	<1.	1		
Vinyl Chloride	<1.	1		
Xylenes (total)	<3.	1		
Freon 113	<1.	1		
Bromochloromethane (surrogate)	90.%	1	65-122	
1,4-Difluorobenzene (surrogate)	93.%	1	65-111	
Trifluorotoluene (surrogate)	91.%	1	64-115	

Notes:

- Outside control limits J-Estimated value

Authorized: Monika Santucci
Date: December 16,1996 Monika Santucci

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200

O'Brien & Gere Laboratories,Inc.

Analytical Results Method: 8010/8020

Client: Blasland, Bouck & Lee, Inc.
Project: Chili, NY
Proj. Desc: Bausch & Lomb Frame Center Sewer Excavation

Job No.: 2887.030.517
Certification NY No.: 10155

Sample: B8967
Samp. Description: BL-11D
Primary column: Y
Units: ug/L
Column: DB VRX 75m X .45mm ID
Dilution: 100 Instrument: 9001

Collected: 12/11/96
Received: 12/11/96
Prepared:
Analyzed: 12/13/96

Matrix: Water
QC Batch: 121396W1
%Solids:
Sample Size: 5 mL

Number of analytes: 38

Parameter	Result	Col	Surrog Limits	Notes
Benzene	<100.	1		
Bromodichloromethane	<100.	1		
Bromoform	<1000.	1		
Bromomethane	<1000.	1		
Carbon tetrachloride	<100.	1		
Chlorobenzene	<100.	1		
Chloroethane	<100.	1		
2-Chloroethylvinyl ether	<1000.	1		
Chloroform	<100.	1		
Chloromethane	<1000.	1		
Dibromochloromethane	<100.	1		
1,2-Dichlorobenzene	<500.	1		
1,3-Dichlorobenzene	<500.	1		
1,4-Dichlorobenzene	<500.	1		
Dichlorodifluoromethane	<1000.	1		
1,1-Dichloroethane	<100.	1		
1,2-Dichloroethane	<100.	1		
1,1-Dichloroethylene	<100.	1		
cis-1,2-Dichloroethylene	<100.	1		
trans-1,2-Dichloroethylene	<100.	1		
Dichloromethane	<100.	1		
1,2-Dichloropropane	<100.	1		
cis-1,3-Dichloropropylene	<100.	1		
trans-1,3-Dichloropropylene	<100.	1		
Ethylbenzene	<100.	1		
1,1,2,2-Tetrachloroethane	<100.	1		
Tetrachloroethylene	<100.	1		

- Outside control limits J-Estimated value

Authorized: Monika Santucci
Date: December 16,1996 Monika Santucci

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8010/8020

Client: Blasland, Bouck & Lee, Inc.
Project: Chili, NY
Proj. Desc: Bausch & Lomb Frame Center Sewer Excavation

Job No.: 2887.030.517
Certification NY No.: 10155

Sample: B8967
Samp. Description: BL-11D
Primary column: Y
Units: ug/L
Column: DB VRX 75m X .45mm ID
Dilution: 100 Instrument: 9001

Collected: 12/11/96
Received: 12/11/96
Prepared:
Analyzed: 12/13/96

Matrix: Water
QC Batch: 121396W1
%Solids:
Sample Size: 5 mL

Number of analytes: 38

Parameter	Result	Col	Surrog Limits	Notes
Toluene	<100.	1		
1,1,1-Trichloroethane	<100.	1		
1,1,2-Trichloroethane	<100.	1		
Trichloroethylene	1300.	1		
Trichlorofluoromethane	<100.	1		
Vinyl Chloride	<100.	1		
Xylenes (total)	<300.	1		
Freon 113	<100.	1		
Bromochloromethane (surrogate)	91.%	1	65-122	
1,4-Difluorobenzene (surrogate)	92.%	1	65-111	
Trifluorotoluene (surrogate)	87.%	1	64-115	

Notes:

- Outside control limits J-Estimated value

Authorized: Monika Santucci
Date: December 16,1996 Monika Santucci

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8010/8020

Client: Blasland, Bouck & Lee, Inc.
Project: Chili, NY
Proj. Desc: Bausch & Lomb Frame Center Sewer Excavation

Job No.: 2887.030.517
Certification NY No.: 10155

Sample: B8968
Samp. Description: RB121196
Primary column: Y
Units: ug/L
Column: DB VRX 75m X .45mm ID
Dilution: 1 Instrument: 9001

Collected: 12/11/96
Received: 12/11/96
Prepared:
Analyzed: 12/12/96

Matrix: Water
QC Batch: 121296W1
%Solids:
Sample Size: 5 mL

Number of analytes: 38

Parameter	Result	Col	Surrog Limits	Notes
Benzene	<1.	1		
Bromodichloromethane	<1.	1		
Bromoform	<10.	1		
Bromomethane	<10.	1		
Carbon tetrachloride	<1.	1		
Chlorobenzene	<1.	1		
Chloroethane	<1.	1		
2-Chloroethylvinyl ether	<10.	1		
Chloroform	<1.	1		
Chloromethane	<10.	1		
Dibromochloromethane	<1.	1		
1,2-Dichlorobenzene	<5.	1		
1,3-Dichlorobenzene	<5.	1		
1,4-Dichlorobenzene	<5.	1		
Dichlorodifluoromethane	<10.	1		
1,1-Dichloroethane	<1.	1		
1,2-Dichloroethane	<1.	1		
1,1-Dichloroethylene	<1.	1		
cis-1,2-Dichloroethylene	<1.	1		
trans-1,2-Dichloroethylene	<1.	1		
Dichloromethane	<1.	1		
1,2-Dichloropropane	<1.	1		
cis-1,3-Dichloropropylene	<1.	1		
trans-1,3-Dichloropropylene	<1.	1		
Ethylbenzene	<1.	1		
1,1,2,2-Tetrachloroethane	<1.	1		
Tetrachloroethylene	<1.	1		

- Outside control limits J-Estimated value

Authorized: Monika Santucci
Date: December 16,1996 Monika Santucci

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8010/8020

Client: Blasland, Bouck & Lee, Inc.
Project: Chili, NY
Proj. Desc: Bausch & Lomb Frame Center Sewer Excavation

Job No.: 2887.030.517
Certification NY No.: 10155

Sample: B8968
Samp. Description: RB121196
Primary column: Y
Units: ug/L
Column: DB VRX 75m X .45mm ID
Dilution: 1 Instrument: 9001

Collected: 12/11/96
Received: 12/11/96
Prepared:
Analyzed: 12/12/96

Matrix: Water
QC Batch: 121296W1
%Solids:
Sample Size: 5 mL

Number of analytes: 38

Parameter	Result	Col	Surrog Limits	Notes
Toluene	<1.	1		
1,1,1-Trichloroethane	<1.	1		
1,1,2-Trichloroethane	<1.	1		
Trichloroethylene	<1.	1		
Trichlorofluoromethane	<1.	1		
Vinyl Chloride	<1.	1		
Xylenes (total)	<3.	1		
Freon 113	<1.	1		
Bromochloromethane (surrogate)	92.%	1	65-122	
1,4-Difluorobenzene (surrogate)	96.%	1	65-111	
Trifluorotoluene (surrogate)	96.%	1	64-115	

Notes:

- Outside control limits J-Estimated value

Authorized: Monika Santucci
Date: December 16,1996 Monika Santucci

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8010/8020

Client: Blasland, Bouck & Lee, Inc.
Project: Chili, NY
Proj. Desc: Bausch & Lomb Frame Center Sewer Excavation

Job No.: 2887.030.517
Certification NY No.: 10155

Sample: B8969
Samp. Description: BL-21S
Primary column: Y
Units: ug/L
Column: DB VRX 75m X .45mm ID
Dilution: 1 Instrument: 9001

Collected: 12/11/96
Received: 12/11/96
Prepared:
Analyzed: 12/12/96

Matrix: Water
QC Batch: 121296W1
%Solids:
Sample Size: 5 mL

Number of analytes: 38

Parameter	Result	Col	Surrog Limits	Notes
Benzene	<1.	1		
Bromodichloromethane	<1.	1		
Bromoform	<10.	1		
Bromomethane	<10.	1		
Carbon tetrachloride	<1.	1		
Chlorobenzene	<1.	1		
Chloroethane	<1.	1		
2-Chloroethylvinyl ether	<10.	1		
Chloroform	<1.	1		
Chloromethane	<10.	1		
Dibromochloromethane	<1.	1		
1,2-Dichlorobenzene	<5.	1		
1,3-Dichlorobenzene	<5.	1		
1,4-Dichlorobenzene	<5.	1		
Dichlorodifluoromethane	<10.	1		
1,1-Dichloroethane	<1.	1		
1,2-Dichloroethane	<1.	1		
1,1-Dichloroethylene	<1.	1		
cis-1,2-Dichloroethylene	<1.	1		
trans-1,2-Dichloroethylene	<1.	1		
Dichloromethane	<1.	1		
1,2-Dichloropropane	<1.	1		
cis-1,3-Dichloropropylene	<1.	1		
trans-1,3-Dichloropropylene	<1.	1		
Ethylbenzene	<1.	1		
1,1,2,2-Tetrachloroethane	<1.	1		
Tetrachloroethylene	<1.	1		

- Outside control limits J-Estimated value

Authorized: Monika Santucci
Date: December 16,1996 Monika Santucci

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O'Brien & Gere Laboratories,Inc.

Analytical Results Method: 8010/8020

Client: Blasland, Bouck & Lee, Inc.
Project: Chili, NY
Proj. Desc: Bausch & Lomb Frame Center Sewer Excavation

Job No.: 2887.030.517
Certification NY No.: 10155

Sample: B8969
Samp. Description: BL-21S
Primary column: Y
Units: ug/L
Column: DB VRX 75m X .45mm ID
Dilution: 1 Instrument: 9001

Collected: 12/11/96
Received: 12/11/96
Prepared:
Analyzed: 12/12/96

Matrix: Water
QC Batch: 121296W1
%Solids:
Sample Size: 5 mL

Number of analytes: 38

Parameter	Result	Col	Surrog Limits	Notes
Toluene	<1.	1		
1,1,1-Trichloroethane	<1.	1		
1,1,2-Trichloroethane	<1.	1		
Trichloroethylene	<1.	1		
Trichlorofluoromethane	<1.	1		
Vinyl Chloride	<1.	1		
Xylenes (total)	<3.	1		
Freon 113	<1.	1		
Bromochloromethane (surrogate)	84.%	1	65-122	
1,4-Difluorobenzene (surrogate)	89.%	1	65-111	
Trifluorotoluene (surrogate)	88.%	1	64-115	

Notes:

- Outside control limits J-Estimated value

Authorized: Monika Santucci
Date: December 16,1996 Monika Santucci

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8010/8020

Client: Blasland, Bouck & Lee, Inc.
Project: Chili, NY
Proj. Desc: Bausch & Lomb Frame Center Sewer Excavation

Job No.: 2887.030.517
Certification NY No.: 10155

Sample: B8970
Samp. Description: BL-8S
Primary column: Y
Units: ug/L
Column: DB VRX 75m X .45mm ID
Dilution: 1 Instrument: 9001

Collected: 12/11/96
Received: 12/11/96
Prepared:
Analyzed: 12/12/96

Matrix: Water
QC Batch: 121296W1
%Solids:
Sample Size: 5 mL

Number of analytes: 38

Parameter	Result	Col	Surrog Limits	Notes
Benzene	<1.	1		
Bromodichloromethane	<1.	1		
Bromoform	<10.	1		
Bromomethane	<10.	1		
Carbon tetrachloride	<1.	1		
Chlorobenzene	<1.	1		
Chloroethane	<1.	1		
2-Chloroethylvinyl ether	<10.	1		
Chloroform	<1.	1		
Chloromethane	<10.	1		
Dibromochloromethane	<1.	1		
1,2-Dichlorobenzene	<5.	1		
1,3-Dichlorobenzene	<5.	1		
1,4-Dichlorobenzene	<5.	1		
Dichlorodifluoromethane	<10.	1		
1,1-Dichloroethane	<1.	1		
1,2-Dichloroethane	<1.	1		
1,1-Dichloroethylene	<1.	1		
cis-1,2-Dichloroethylene	<1.	1		
trans-1,2-Dichloroethylene	<1.	1		
Dichloromethane	<1.	1		
1,2-Dichloropropane	<1.	1		
cis-1,3-Dichloropropylene	<1.	1		
trans-1,3-Dichloropropylene	<1.	1		
Ethylbenzene	<1.	1		
1,1,2,2-Tetrachloroethane	<1.	1		
Tetrachloroethylene	<1.	1		

- Outside control limits J-Estimated value

Authorized: Monika Santucci
Date: December 16, 1996 Monika Santucci

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200

O'Brien & Gere Laboratories,Inc.

Analytical Results Method: 8010/8020

Client: Blasland, Bouck & Lee, Inc.
Project: Chili, NY
Proj. Desc: Bausch & Lomb Frame Center Sewer Excavation

Job No.: 2887.030.517
Certification NY No.: 10155

Sample: B8970
Samp. Description: BL-8S
Primary column: Y
Units: ug/L
Column: DB VRX 75m X .45mm ID
Dilution: 1 Instrument: 9001

Collected: 12/11/96
Received: 12/11/96
Prepared:
Analyzed: 12/12/96

Matrix: Water
QC Batch: 121296W1
%Solids:
Sample Size: 5 mL

Number of analytes: 38

Parameter	Result	Col	Surrog Limits	Notes
Toluene	<1.	1		
1,1,1-Trichloroethane	<1.	1		
1,1,2-Trichloroethane	<1.	1		
Trichloroethylene	<1.	1		
Trichlorofluoromethane	<1.	1		
Vinyl Chloride	<1.	1		
Xylenes (total)	<3.	1		
Freon 113	<1.	1		
Bromochloromethane (surrogate)	89.%	1	65-122	
1,4-Difluorobenzene (surrogate)	96.%	1	65-111	
Trifluorotoluene (surrogate)	96.%	1	64-115	

Notes:

- Outside control limits J-Estimated value

Authorized: Monika Santucci
Date: December 16,1996 Monika Santucci

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8010/8020

Client: Blasland, Bouck & Lee, Inc.
Project: Chili, NY
Proj. Desc: Bausch & Lomb Frame Center Sewer Excavation

Job No.: 2887.030.517
Certification NY No.: 10155

Sample: B8971
Samp. Description: QC Trip Blank
Primary column: Y
Units: ug/L
Column: DB VRX 75m X .45mm ID
Dilution: 1 Instrument: 9001

Collected:
Received: 12/11/96
Prepared:
Analyzed: 12/12/96

Matrix: Water
QC Batch: 121296W1
%Solids:
Sample Size: 5 mL

Number of analytes: 38

Parameter	Result	Col	Surrog Limits	Notes
Benzene	<1.	1		
Bromodichloromethane	<1.	1		
Bromoform	<10.	1		
Bromomethane	<10.	1		
Carbon tetrachloride	<1.	1		
Chlorobenzene	<1.	1		
Chloroethane	<1.	1		
2-Chloroethylvinyl ether	<10.	1		
Chloroform	<1.	1		
Chloromethane	<10.	1		
Dibromochloromethane	<1.	1		
1,2-Dichlorobenzene	<5.	1		
1,3-Dichlorobenzene	<5.	1		
1,4-Dichlorobenzene	<5.	1		
Dichlorodifluoromethane	<10.	1		
1,1-Dichloroethane	<1.	1		
1,2-Dichloroethane	<1.	1		
1,1-Dichloroethylene	<1.	1		
cis-1,2-Dichloroethylene	<1.	1		
trans-1,2-Dichloroethylene	<1.	1		
Dichloromethane	<1.	1		
1,2-Dichloropropane	<1.	1		
cis-1,3-Dichloropropylene	<1.	1		
trans-1,3-Dichloropropylene	<1.	1		
Ethylbenzene	<1.	1		
1,1,2,2-Tetrachloroethane	<1.	1		
Tetrachloroethylene	<1.	1		

- Outside control limits J-Estimated value

Authorized: Monika Santucci
Date: December 16, 1996 Monika Santucci

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8010/8020

Client: Blasland, Bouck & Lee, Inc.
Project: Chili, NY
Proj. Desc: Bausch & Lomb Frame Center Sewer Excavation

Job No.: 2887.030.517
Certification NY No.: 10155

Sample: B8971
Samp. Description: QC Trip Blank
Primary column: Y
Units: ug/L
Column: DB VRX 75m X .45mm ID
Dilution: 1 Instrument: 9001

Collected:
Received: 12/11/96
Prepared:
Analyzed: 12/12/96

Matrix: Water
QC Batch: 121296W1
%Solids:
Sample Size: 5 mL

Number of analytes: 38

Parameter	Result	Col	Surrog Limits	Notes
Toluene	<1.	1		
1,1,1-Trichloroethane	<1.	1		
1,1,2-Trichloroethane	<1.	1		
Trichloroethylene	<1.	1		
Trichlorofluoromethane	<1.	1		
Vinyl Chloride	<1.	1		
Xylenes (total)	<3.	1		
Freon 113	<1.	1		
Bromochloromethane (surrogate)	87.%	1	65-122	
1,4-Difluorobenzene (surrogate)	94.%	1	65-111	
Trifluorotoluene (surrogate)	93.%	1	64-115	

Notes:

- Outside control limits J-Estimated value

Authorized: Monika Santucci
Date: December 16,1996 Monika Santucci

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200

O'Brien & Gere Laboratories,Inc.

Quality Control Summary
Matrix Spike/Matrix Spike Duplicate
Method: 8010/8020

Sample: B8967
Samp. Description: BL-11D
Primary column: Y
Units: ug/L
Column: DB VRX 75m X .45mm ID
Instrument: 9001

Matrix: Water

%Solids:

Number of analytes: 38

Parameter	Dilution	Sample Result	Spike Added	MS Value	%R	MSD Value	%R	%R Limits	RPD	RPD Limits	Col	Note
Benzene	100	<100	2000	1996.33	100	2053.19	103	71-111	3	0-10	1	
Bromodichloromethane	100	<100	2000	1952.27	98	2000.14	100	67-135	2	0-18	1	
Bromoform	100	<1000	2000	1900.91	95	1994.12	100	69-132	5	0-23	1	
Bromomethane	100	<1000	2000	2199.91	110	1908.53	95	57-127	14	0-22	1	
Carbon tetrachloride	100	<100	2000	1794	90	1849.68	92	81-119	3	0-11	1	
Chlorobenzene	100	<100	2000	1868.62	93	1895.34	95	78-121	1	0-14	1	
Chloroethane	100	<100	2000	1966.24	98	1842.99	92	74-124	6	0-20	1	
2-Chloroethylvinyl ether	100	<1000	2000	2265.12	113	2016.69	101	10-153	12	0-27	1	
Chloroform	100	<100	2000	1931.04	97	1975.08	99	78-127	2	0-17	1	
Chloromethane	100	<1000	2000	1540.57	77	1652.11	83	46-145	7	0-33	1	
Dibromochloromethane	100	<100	2000	1892.98	95	1948.79	97	81-121	3	0-14	1	
1,2-Dichlorobenzene	100	<500	2000	1991.56	100	2106.19	105	76-124	6	0-16	1	
1,3-Dichlorobenzene	100	<500	2000	1850.13	93	1764.78	88	64-129	5	0-16	1	
1,4-Dichlorobenzene	100	<500	2000	1926.33	96	2087.85	104	68-134	8	0-16	1	
Dichlorodifluoromethane	100	<1000	2000	1826.32	91	1813.83	91	56-121	1	0-37	1	
1,1-Dichloroethane	100	<100	2000	1901.04	95	1942.59	97	77-125	2	0-16	1	
1,2-Dichloroethane	100	<100	2000	1906.59	95	1973.89	99	79-120	3	0-14	1	
1,1-Dichloroethylene	100	<100	2000	1828.45	91	1890.67	95	75-124	3	0-13	1	
cis-1,2-Dichloroethylene	100	<99.9999	2000	1999.6	100	2037.26	102	64-133	2	0-18	1	
trans-1,2-Dichloroethylene	100	<99.9999	2000	1892.89	95	1935.38	97	64-133	2	0-18	1	
Dichloromethane	100	<100	2000	1910.77	96	1959.88	98	78-126	3	0-15	1	
1,2-Dichloropropane	100	<100	2000	1820.69	91	1886.34	94	75-120	4	0-16	1	
cis-1,3-Dichloropropylene	100	<100	2080	1924.35	93	2023.13	97	75-120	5	0-14	1	

J-Estimated value #-Outside limits

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200

O'Brien & Gere
Laboratories,Inc.

Quality Control Summary
Matrix Spike/Matrix Spike Duplicate
Method: 8010/8020

Sample: B8967
Samp. Description: BL-11D
Primary column: Y
Units: ug/L
Column: DB VRX 75m X .45mm ID
Instrument: 9001

Matrix: Water

%Solids:

Number of analytes: 38

Parameter	Dilution	Sample Result	Spike Added	MS Value	%R	MSD Value	%R	%R Limits	RPD	RPD Limits	Col	Note
trans-1,3-Dichloropropylene	100	<100	1920	1833.1	95	1881.2	98	82-120	3	0-10	1	
Ethylbenzene	100	<100	2000	1957.13	98	2010.87	101	73-111	3	0-8	1	
1,1,2,2-Tetrachloroethane	100	<100	2000	1968.52	98	2052.82	103	81-137	4	0-13	1	
Tetrachloroethylene	100	<100	2000	1876.67	94	1946.26	97	75-131	4	0-15	1	
Toluene	100	<100	2000	1989.73	99	2048.14	102	72-112	3	0-10	1	
1,1,1-Trichloroethane	100	<100	2000	1893.23	95	1929.43	96	81-124	2	0-13	1	
1,1,2-Trichloroethane	100	<100	2000	1934.99	97	2014.28	101	82-130	4	0-15	1	
Trichloroethylene	100	1255.17	2000	3299.91	102	3296.89	102	46-159	0	0-19	1	
Trichlorofluoromethane	100	<100	2000	1935.96	97	1943.65	97	68-130	0	0-19	1	
Vinyl Chloride	100	<100	2000	2104.48	105	1955.45	98	56-142	7	0-19	1	
Xylenes (total)	100	<300	4000	3933.77	98	4034.72	101	75-113	3	0-10	1	
Freon 113	100	<100	2000	1943.32	97	1972.19	99	50-150	1	0-30	1	
Bromochloromethane (surrogate)	100	91%			95		96	65-122			1	
1,4-Difluorobenzene (surrogate)	100	92%			96		96	65-111			1	
Trifluorotoluene (surrogate)	100	87%			96		94	64-115			1	

Notes:

J-Estimated value #-Outside limits

O'Brien & Gere Laboratories, Inc.

Quality Control Summary
Laboratory Control Sample
Method: 8010/8020

Sample: L121296W1
Analyzed: 12/12/96
Column No.: 1 Desc.: DB VRX 75m X .45mm ID

QC Batch: 121296W1
Instrument: 9001
Number of analytes: 38

Parameter	LCS Result	Spike Added	Units	%R	Pri	Control Limits	Note
Benzene	21.33	20	ug/L	107	Y	74-110	
Bromodichloromethane	20.07	20	ug/L	100	Y	71-127	
Bromoform	19.35	20	ug/L	97	Y	71-129	
Bromomethane	18.58	20	ug/L	93	Y	70-133	
Carbon tetrachloride	18.22	20	ug/L	91	Y	72-116	
Chlorobenzene	19.89	20	ug/L	99	Y	77-120	
Chloroethane	17.86	20	ug/L	89	Y	68-126	
2-Chloroethylvinyl ether	18.18	20	ug/L	91	Y	40-131	
Chloroform	19.18	20	ug/L	96	Y	76-125	
Chloromethane	17.17	20	ug/L	86	Y	61-131	
Dibromochloromethane	19.48	20	ug/L	97	Y	80-117	
1,2-Dichlorobenzene	21.69	20	ug/L	108	Y	73-121	
1,3-Dichlorobenzene	19.7	20	ug/L	99	Y	72-124	
1,4-Dichlorobenzene	20.11	20	ug/L	101	Y	70-126	
Dichlorodifluoromethane	14.4	20	ug/L	72	Y	64-121	
1,1-Dichloroethane	19.91	20	ug/L	100	Y	76-126	
1,2-Dichloroethane	20.19	20	ug/L	101	Y	75-122	
1,1-Dichloroethylene	19.28	20	ug/L	96	Y	71-122	
cis-1,2-Dichloroethylene	17.47	20	ug/L	87	Y	77-122	
trans-1,2-Dichloroethylene	19.56	20	ug/L	98	Y	77-122	
Dichloromethane	21.44	20	ug/L	107	Y	77-126	
1,2-Dichloropropane	18.95	20	ug/L	95	Y	72-119	
cis-1,3-Dichloropropylene	18.92	20	ug/L	95	Y	74-115	
trans-1,3-Dichloropropylene	21.06	20	ug/L	105	Y	81-127	
Ethylbenzene	20.67	20	ug/L	103	Y	69-109	
1,1,2,2-Tetrachloroethane	20.62	20	ug/L	103	Y	85-129	
Tetrachloroethylene	19.63	20	ug/L	98	Y	63-129	
Toluene	21.33	20	ug/L	107	Y	71-109	
1,1,1-Trichloroethane	18.51	20	ug/L	93	Y	71-117	
1,1,2-Trichloroethane	19.82	20	ug/L	99	Y	78-125	
Trichloroethylene	19.26	20	ug/L	96	Y	68-121	
Trichlorofluoromethane	16.77	20	ug/L	84	Y	68-117	
Vinyl Chloride	16.52	20	ug/L	83	Y	65-131	
Xylenes (total)	56.55	55.8	ug/L	101	Y	78-119	
Freon 113	18.1	20	ug/L	91	Y	60-140	
Bromochloromethane (surrogate)			%	93	Y	65-122	
1,4-Difluorobenzene (surrogate)			%	99	Y	65-111	
Trifluorotoluene (surrogate)			%	96	Y	64-115	

Notes:

- Outside control limits * - Coelution result

O'Brien & Gere Laboratories, Inc.

Quality Control Summary
Laboratory Control Sample
Method: 8010/8020

Sample: L121396W1
Analyzed: 12/13/96
Column No.: 1 Desc.: DB VRX 75m X .45mm ID

QC Batch: 121396W1
Instrument: 9001
Number of analytes: 38

Parameter	LCS Result	Spike Added	Units	%R	Pri	Control Limits	Note
Benzene	20.87	20	ug/L	104	Y	74-110	
Bromodichloromethane	21.05	20	ug/L	105	Y	71-127	
Bromoform	19.41	20	ug/L	97	Y	71-129	
Bromomethane	15.71	20	ug/L	79	Y	70-133	
Carbon tetrachloride	18.47	20	ug/L	92	Y	72-116	
Chlorobenzene	19.46	20	ug/L	97	Y	77-120	
Chloroethane	17.81	20	ug/L	89	Y	68-126	
2-Chloroethylvinyl ether	19.83	20	ug/L	99	Y	40-131	
Chloroform	19.79	20	ug/L	99	Y	76-125	
Chloromethane	16.67	20	ug/L	83	Y	61-131	
Dibromochloromethane	19.49	20	ug/L	97	Y	80-117	
1,2-Dichlorobenzene	20.02	20	ug/L	100	Y	73-121	
1,3-Dichlorobenzene	19.22	20	ug/L	96	Y	72-124	
1,4-Dichlorobenzene	19.73	20	ug/L	99	Y	70-126	
Dichlorodifluoromethane	16.07	20	ug/L	80	Y	64-121	
1,1-Dichloroethane	20.3	20	ug/L	102	Y	76-126	
1,2-Dichloroethane	19.85	20	ug/L	99	Y	75-122	
1,1-Dichloroethylene	19.65	20	ug/L	98	Y	71-122	
cis-1,2-Dichloroethylene	18.31	20	ug/L	92	Y	77-122	
trans-1,2-Dichloroethylene	19.71	20	ug/L	99	Y	77-122	
Dichloromethane	21.86	20	ug/L	109	Y	77-126	
1,2-Dichloropropane	19.25	20	ug/L	96	Y	72-119	
cis-1,3-Dichloropropylene	18.97	20	ug/L	95	Y	74-115	
trans-1,3-Dichloropropylene	20.56	20	ug/L	103	Y	81-127	
Ethylbenzene	20.44	20	ug/L	102	Y	69-109	
1,1,2,2-Tetrachloroethane	21.14	20	ug/L	106	Y	85-129	
Tetrachloroethylene	19.6	20	ug/L	98	Y	63-129	
Toluene	21	20	ug/L	105	Y	71-109	
1,1,1-Trichloroethane	18.62	20	ug/L	93	Y	71-117	
1,1,2-Trichloroethane	19.86	20	ug/L	99	Y	78-125	
Trichloroethylene	18.62	20	ug/L	93	Y	68-121	
Trichlorofluoromethane	17.75	20	ug/L	89	Y	68-117	
Vinyl Chloride	18.58	20	ug/L	93	Y	65-131	
Xylenes (total)	57.04	55.8	ug/L	102	Y	78-119	
Freon 113	17.89	20	ug/L	89	Y	60-140	
Bromochloromethane (surrogate)			%	93	Y	65-122	
1,4-Difluorobenzene (surrogate)			%	97	Y	65-111	
Trifluorotoluene (surrogate)			%	97	Y	64-115	

Notes:

- Outside control limits * - Coelution result

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200

O'Brien & Gere Laboratories,Inc.

Quality Control Summary
Preparation Blank
GC Volatile Organics

Sample: PB121296W1
Analyzed: 12/12/96
Column: DB VRX 75m X .45mm ID

Instrument: 9001
Number of analytes: 38

Parameter	Sample Result	Surrog Limits	Det. Limit	Units	QC Batch	Col	Pri
Benzene	<1.		1.000	ug/L	121296W1	1	Y
Bromodichloromethane	<1.		1.000	ug/L	121296W1	1	Y
Bromoform	<10.		10.00	ug/L	121296W1	1	Y
Bromomethane	<10.		10.00	ug/L	121296W1	1	Y
Carbon tetrachloride	<1.		1.000	ug/L	121296W1	1	Y
Chlorobenzene	<1.		1.000	ug/L	121296W1	1	Y
Chloroethane	<1.		1.000	ug/L	121296W1	1	Y
2-Chloroethylvinyl ether	<10.		10.00	ug/L	121296W1	1	Y
Chloroform	<1.		1.000	ug/L	121296W1	1	Y
Chloromethane	<10.		10.00	ug/L	121296W1	1	Y
Dibromochloromethane	<1.		1.000	ug/L	121296W1	1	Y
1,2-Dichlorobenzene	<5.		5.000	ug/L	121296W1	1	Y
1,3-Dichlorobenzene	<5.		5.000	ug/L	121296W1	1	Y
1,4-Dichlorobenzene	<5.		5.000	ug/L	121296W1	1	Y
Dichlorodifluoromethane	<10.		10.00	ug/L	121296W1	1	Y
1,1-Dichloroethane	<1.		1.000	ug/L	121296W1	1	Y
1,2-Dichloroethane	<1.		1.000	ug/L	121296W1	1	Y
1,1-Dichloroethylene	<1.		1.000	ug/L	121296W1	1	Y
cis-1,2-Dichloroethylene	<1.		1.000	ug/L	121296W1	1	Y
trans-1,2-Dichloroethylene	<1.		1.000	ug/L	121296W1	1	Y
Dichloromethane	<1.		1.000	ug/L	121296W1	1	Y
1,2-Dichloropropane	<1.		1.000	ug/L	121296W1	1	Y
cis-1,3-Dichloropropylene	<1.		1.000	ug/L	121296W1	1	Y
trans-1,3-Dichloropropylene	<1.		1.000	ug/L	121296W1	1	Y
Ethylbenzene	<1.		1.000	ug/L	121296W1	1	Y
1,1,2,2-Tetrachloroethane	<1.		1.000	ug/L	121296W1	1	Y
Tetrachloroethylene	<1.		1.000	ug/L	121296W1	1	Y
Toluene	<1.		1.000	ug/L	121296W1	1	Y
1,1,1-Trichloroethane	<1.		1.000	ug/L	121296W1	1	Y
1,1,2-Trichloroethane	<1.		1.000	ug/L	121296W1	1	Y
Trichloroethylene	<1.		1.000	ug/L	121296W1	1	Y
Trichlorofluoromethane	<1.		1.000	ug/L	121296W1	1	Y
Vinyl Chloride	<1.		1.000	ug/L	121296W1	1	Y
Xylenes (total)	<3.		3.000	ug/L	121296W1	1	Y
Freon 113	<1.		1.000	ug/L	121296W1	1	Y
Bromochloromethane (surrogate)	84.	65-122	.1000	%	121296W1	1	Y
1,4-Difluorobenzene (surrogate)	100.	65-111	.1000	%	121296W1	1	Y
Trifluorotoluene (surrogate)	101.	64-115	.1000	%	121296W1	1	Y

Notes:

- Outside control limits J - Estimated value

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200

O'Brien & Gere Laboratories, Inc.

Quality Control Summary
Preparation Blank
GC Volatile Organics

Sample: PB121396W1
Analyzed: 12/13/96
Column: DB VRX 75m X .45mm ID

Instrument: 9001
Number of analytes: 38

Parameter	Sample Result	Surrog Limits	Det. Limit	Units	QC Batch	Col	Pri
Benzene	<1.		1.000	ug/L	121396W1	1	Y
Bromodichloromethane	<1.		1.000	ug/L	121396W1	1	Y
Bromoform	<10.		10.00	ug/L	121396W1	1	Y
Bromomethane	<10.		10.00	ug/L	121396W1	1	Y
Carbon tetrachloride	<1.		1.000	ug/L	121396W1	1	Y
Chlorobenzene	<1.		1.000	ug/L	121396W1	1	Y
Chloroethane	<1.		1.000	ug/L	121396W1	1	Y
2-Chloroethylvinyl ether	<10.		10.00	ug/L	121396W1	1	Y
Chloroform	<1.		1.000	ug/L	121396W1	1	Y
Chloromethane	<10.		10.00	ug/L	121396W1	1	Y
Dibromochloromethane	<1.		1.000	ug/L	121396W1	1	Y
1,2-Dichlorobenzene	<5.		5.000	ug/L	121396W1	1	Y
1,3-Dichlorobenzene	<5.		5.000	ug/L	121396W1	1	Y
1,4-Dichlorobenzene	<5.		5.000	ug/L	121396W1	1	Y
Dichlorodifluoromethane	<10.		10.00	ug/L	121396W1	1	Y
1,1-Dichloroethane	<1.		1.000	ug/L	121396W1	1	Y
1,2-Dichloroethane	<1.		1.000	ug/L	121396W1	1	Y
1,1-Dichloroethylene	<1.		1.000	ug/L	121396W1	1	Y
cis-1,2-Dichloroethylene	<1.		1.000	ug/L	121396W1	1	Y
trans-1,2-Dichloroethylene	<1.		1.000	ug/L	121396W1	1	Y
Dichloromethane	<1.		1.000	ug/L	121396W1	1	Y
1,2-Dichloropropane	<1.		1.000	ug/L	121396W1	1	Y
cis-1,3-Dichloropropylene	<1.		1.000	ug/L	121396W1	1	Y
trans-1,3-Dichloropropylene	<1.		1.000	ug/L	121396W1	1	Y
Ethylbenzene	<1.		1.000	ug/L	121396W1	1	Y
1,1,2,2-Tetrachloroethane	<1.		1.000	ug/L	121396W1	1	Y
Tetrachloroethylene	<1.		1.000	ug/L	121396W1	1	Y
Toluene	<1.		1.000	ug/L	121396W1	1	Y
1,1,1-Trichloroethane	<1.		1.000	ug/L	121396W1	1	Y
1,1,2-Trichloroethane	<1.		1.000	ug/L	121396W1	1	Y
Trichloroethylene	<1.		1.000	ug/L	121396W1	1	Y
Trichlorofluoromethane	<1.		1.000	ug/L	121396W1	1	Y
Vinyl Chloride	<1.		1.000	ug/L	121396W1	1	Y
Xylenes (total)	<3.		3.000	ug/L	121396W1	1	Y
Freon 113	<1.		1.000	ug/L	121396W1	1	Y
Bromochloromethane (surrogate)	77.	65-122	.1000	%	121396W1	1	Y
1,4-Difluorobenzene (surrogate)	95.	65-111	.1000	%	121396W1	1	Y
Trifluorotoluene (surrogate)	96.	64-115	.1000	%	121396W1	1	Y

Notes:

- Outside control limits J - Estimated value

LAB: OBG

SAMPLES HAND DELIVERED BY [illegible]

BBL
BLASLAND, BOUCK & LEE, INC.
engineers & scientists

6723 Towpath Road, P.O. Box 66
Syracuse, New York 13214-0066
TEL: (315) 446-9120

CHAIN OF CUSTODY RECORD

PROJECT NO.	PROJECT NAME
342.10.33	BAUSCH & LOMB CHILI GROUNDWATER SAMPLING

LAB ID	CUSTODY TAPE NUMBER	DATE	TIME	COMP.	GRAB	SAMPLE TYPE: SOLID	WIPE	WATER	NO. OF CONTAINERS	VOCS + FREON 113 SW-846 8010/8020	MS/MSD VOCS + FREON 113				REMARKS
BL-7		12/10/96	1145		X			X	2	X					- All SAMPLES PRESERVED 4°C
BL-15D		12/10/96	1300		X			X	2	X					
BL-13D		12/10/96	1345		X			X	2	X					
BL-13S		12/10/96	1400		X			X	2	X					
BL-16S		12/10/96	1445		X			X	2	X					
DUP-1		12/10/96	—		X			X	2	X					
BL-14S		12/10/96	1545		X			X	2	X					
BL-14D		12/10/96	1615		X			X	2	X					
BL-9S		12/11/96	0800		X			X	2	X					
BL-19S		12/11/96	0830		X			X	2	X					
BL-11D		12/11/96	0930		X			X	6	X	X				
RB121196		12/11/96	0945		X			X	2	X					
BL-2S		12/11/96	1000		X			X	2	X					
TRIP BLANK		12/11/96	1015		X			X	2	X					
BL-8S		12/11/96	1030		X			X	2	X					

SAMPLED BY: (SIGNATURE)	DATE/TIME	RECEIVED BY: (SIGNATURE)	RELINQUISHED BY: (SIGNATURE)	DATE/TIME	RECEIVED BY: (SIGNATURE)
[signature]	12/10/96 12/11/96				
RELINQUISHED BY: (SIGNATURE)	**DATE/TIME**	**RECEIVED BY: (SIGNATURE)**	**RELINQUISHED BY: (SIGNATURE)**	**DATE/TIME**	**RECEIVED BY: (SIGNATURE)**
[signature]	12/11/96 1420	[signature]			
RELINQUISHED BY: (SIGNATURE)	**DATE/TIME**	**RECEIVED FOR LABORATORY BY: (SIGNATURE)**	**DATE/TIME**	**REMARKS**	
		[signature]	12/11/96 14:20	PLEASE SEND ANALYTICAL RESULTS TO [illegible] c/o BBL 6723 TOWPATH RD SYRACUSE, N.Y. 13214	

Cooler Temp 4°C