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MAR 01 2002

NYSDEC - REGION-7  
KIRKWOOD SUB OFFICE

*Transmitted Via Federal Express*

February 26, 2002

Mr. John Struble  
Ground Water Compliance Section  
United States Environmental Protection Agency  
Region 2  
290 Broadway, 20<sup>th</sup> Floor  
New York, New York 10007-1866

Re: Floor Drain Closure Report  
Project Parkway Enterprises, Inc.  
13 and 1½ Broad Street Facilities  
Binghamton, New York  
BBL Project #: 1673.07360 #2

Dear Mr. Struble:

This letter is a follow-up to our recent telephone conversations regarding Blasland, Bouck & Lee, Inc.'s (BBL's) December 21, 2001 *Floor Drain Closure Report* submitted to the United States Environmental Protection Agency (USEPA). On behalf of Progress Parkway Enterprises, Inc. (PPEI) (formerly known as Systems Manufacturing Corporation), this letter provides the additional requested information listed below.

- *Attachment 1* - Professional Engineer's Certification Statement for the *Floor Drain Closure Report* and BBL's February 20, 2002 addendum. As discussed, that addendum, identified as *Addendum No. 1*, was prepared pursuant to the Broome County Health Department's (BCHD's) request to provide information regarding the Chemlawn business that previously occupied the 1½ Broad Street property from approximately 1987 to 1991 and the pesticide (pendimethalin) used by the Chemlawn business. Pendimethalin is classified by the USEPA as a General Use Pesticide, meaning that it can be used by anyone and is commercially available for purchase/use by the public. As detailed in the addendum, there is enough information available to effectively support that pendimethalin analytical results are not necessary to conclude that no further investigation or remediation is necessary at this property and that the former floor drain system has been properly closed. You were copied on that addendum. Based on my recent telephone conversations with BCHD (Mr. Ronald S. Brink), BBL understands that the BCHD is preparing a letter documenting its approval of the floor drain closure activities, as requested by the USEPA. BBL further understands that the letter will be provided to the USEPA this week.
- *Attachment 2* - Bill of Lading and Certificate of Disposal for transportation and disposal of the investigation and floor drain closure-derived waste.

- *Attachments 3 through 9* - Analytical laboratory reports for the soil and groundwater samples collected from the 13 and 17½ Broad Street facilities. All of these data were summarized in tables provided in either the *Floor Drain Closure Report* and/or the NYSDEC-approved *Final Investigation Report* (BBL, February 2001), which were provided to the USEPA. To facilitate your review of the laboratory reports, they are presented in an order that matches the summary tables (i.e., facility, date, sample location and parameter) and the corresponding summary table is also provided with each attachment, as detailed below.
  - Attachment 3 - laboratory analytical results (Form 1's) for 13 Broad Street facility soil sampling conducted during June/July 1998.
  - Attachments 4 and 5 - laboratory analytical results for 13 Broad Street facility soil sampling conducted during September 2000 within the vicinity of monitoring well MW-3 and Phase II soil boring SP-3, respectively.
  - Attachment 6 - laboratory analytical results for 17½ Broad Street facility soil sampling conducted during June/July 1998.
  - Attachments 7 and 8 - laboratory analytical results for 13 Broad Street groundwater sampling conducted during July 1998 and August 1999, and September 2000, respectively.
  - Attachment 9 - laboratory analytical results for 17½ Broad Street groundwater sampling conducted during July 1998 and August 1999.

As identified in the December 21, 2001 *Floor Drain Closure Report*, the NYSDEC, the New York State Department of Health, and the City of Binghamton have all agreed that no further environmental investigation/remediation activities are necessary at these properties. Based on my telephone conversations with Mr. Thomas Suozzo, P.E. of the NYSDEC, this has not changed since submittal of the February 20, 2002 *Floor Drain Closure Report Addendum*. Additionally, as identified above, the BCHD is providing a letter to USEPA documenting its approval of the floor drain closure activities. The only outstanding item to be addressed before the NYSDEC will establish closure of the Voluntary Cleanup Agreement (VCA) for these two properties is the USEPA's approval of the floor drain closure activities. In addition, closure of the VCA is a condition for sale of the properties to the City of Binghamton. The NYSDEC has requested that the USEPA provide its approval in writing.

As discussed, I will call you within the next few days to follow-up on this letter. In the interim, please feel free to contact me at (315) 446-9120 if you have any questions regarding the information presented herein.

Sincerely,

BLASLAND, BOUCK & LEE, INC.

  
M. Cathy Geraci  
Associate

CWS/mbg

Mr. John Struble  
February 26, 2002  
Page 3 of 3

cc: Mr. Thomas Suozzo, P.E., New York State Department of Environmental Conservation  
Mr. Ronald S. Brink, Broome County Health Department  
Mr. Edward F. Magenheimer, Progress Parkway Enterprises, Inc.

Mr. John Struble  
February 26, 2002

bcc: Hill Blackett, III, Esq., Murphy Sheneman Julian & Rogers (w/o Attachments 3 through 9)  
Jonathan S. Klavens, Esq., Goodwin Proctor & Hoar, LLP (w/o Attachments 3 through 9)  
William V. Buccella, Esq., Goodwin Proctor & Hoar, LLP (w/o Attachments 3 through 9)  
Todd Duchene, Esq., Fisher Scientific International, Inc. (w/o Attachments 3 through 9)  
Mr. David J. Ulm, Blasland, Bouck & Lee, Inc. (w/o Attachments 3 through 9)  
Mr. David W. Lay, Blasland, Bouck & Lee, Inc. (w/o Attachments 3 through 9)  
Mr. Frederick J. Kirschenheiter, II, P.E., Blasland, Bouck & Lee, Inc. (w/o Attachments 3  
through 9)

## ***Attachment 1***

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### **Professional Engineer's Certification Statement**

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## **Certification Statement**

I, Frederick J. Kirschenheiter, II, P.E., as a licensed Professional Engineer in the State of New York, to the best of my knowledge, certify that the information provided in Blasland, Bouck & Lee, Inc. (BBL's) December 21, 2001 *Floor Drain Closure Report* and BBL's February 20, 2002 *Floor Drain Closure Report Addendum Number 1* for the Progress Parkway Enterprises, Inc. facilities located at 13 and 17½ Broad Street in Binghamton, New York is accurate.



Frederick J. Kirschenheiter, II, P.E.  
Vice President  
Blasland, Bouck & Lee, Inc.  
6723 Towpath Road, P.O. Box 66  
Syracuse, New York 13214

## ***Attachment 2***

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### **Bill of Lading and Certificate of Disposal**



This Shipping Order Must be legibly filled in, in Ink, in Indelible Pencil, or in Carbon and retained by the Agent.

Shipper's #

Agent's No.

Carrier

RECEIVE, subject to the classifications and tariffs in effect on the date of the issue of this Shipping Order,

at \_\_\_\_\_

from \_\_\_\_\_

The property described below, in apparent good order, except as noted, contains and condition of contents of packages unknown, marked, consigned and destined as shown below, when said company (the word carrier being understood throughout this contract as meaning any person or corporation in possession of property under the contract agrees to carry it to a final place of delivery at said destination, on its own railroad, water line, highway route or routes, or within the territory of its highway operations, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed, as to each carrier, that any of said property over all or any portion of said route to destination, and as to each party at any time interested in all or any of said property, that every service to be performed hereunder shall be subject to all the conditions not prohibited by law, whether printed or written herein contained, including conditions on back hereof, which are hereby agreed to by the shipper and accepted by himself and his assigns.

Consigned to Industrial Oil Tank Service

(Mail or street address of consignee - For purposes of notification only)

Destination 120 Dry Rock, Oriskany Street \_\_\_\_\_ City \_\_\_\_\_ State of NY Zip Code 13424 County of \_\_\_\_\_

Delivering AAA Env. Vehicle  
Carrier AAA Env. or Car Initial No.

Routing \_\_\_\_\_

Collect On Delivery

\$ \_\_\_\_\_ and remit to:

C. O. D. charge  
to be paid by

Shipper  
 Consignee

Subject to Section 7 of conditions, if this shipment is to be delivered to the consignee without recourse on the consigner, the consigner shall sign the following statements:

The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges

(Signature of Consigner.)

If charges are to be prepaid, write or stamp here, "TO BE PREPAID."

Received \$ \_\_\_\_\_ to apply to prepayment of the charges on the property described herein.

Agent or Cashier

Per \_\_\_\_\_  
(The signature here acknowledges only the amount Prepaid.)

Charges Advanced:

\$ \_\_\_\_\_

If the shipment moves between two ports by a carrier by water, the law requires that the bill of lading shall state whether it is "carrier's or shipper's weight." NOTE - Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property.

The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding \_\_\_\_\_ per

Shipper, Per \_\_\_\_\_

Agent must detach and retain this Shipping Order and must sign the Original Bill of Lading.

2

Permanent post-office address of shipper:

(This Bill of Lading is to be signed by the shipper and agent of the carrier issuing same.)

# INDUSTRIAL OIL TANK SERVICE CORP.

120 Dry Road, Oriskany, N.Y. 13424 / 315-736-6080

EPA I.D. # NYR000069298

## CERTIFICATE OF WASTE DISPOSAL NUMBER 12938

THIS IS TO CERTIFY THAT WASTE MATERIAL RECEIVED FROM

Generator Progress Parkway Enterprises, Inc.

E.P.A. ID#

Address 13 Broad St. Facility, Elingtonton, NY

AS REFERENCED ON MANIFEST NUMBER dated 1 received 2/1/02

HAS BEEN DISPOSED OF IN ACCORDANCE WITH ALL  
APPLICABLE LOCAL, STATE, AND FEDERAL  
REGULATIONS IN THE FOLLOWING MANNER

Lab Code/Ctn #

13 dms. soil  
2 dms. water

D.O.T. E.P.A. Description

NON-RCRA/NON-DOT Regulated  
Material

Treatment/Disposal Method

water is air-stripped & discharged  
to Oneida Co. POTW via sewer line;  
Solids are bulked in roll-off,  
stabilized & sent to a  
Waste Management Facility

Brian D. Field

DOCUMENT MANAGER 2/18/02

Representative - Title

Date

## ***Attachment 3***

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### **Laboratory Analytical Results Soil Samples 13 Broad Street – June/July 1998**

These results (detections) were summarized in Table 1 of Attachment 3 of the *Final Investigation Report*, a copy of which is attached, and was also provided in the *Floor Drain Closure Report*.

**Table 1**

**Progress Parkway Enterprises, Inc.**  
**Binghamton, New York**  
**Final Investigation Report**

**Summary of Detected Constituents in Phase II Soil Samples (June/July 1998) - 13 Broad Street Facility**

Parameter	Concentration (ppm)								Standard <sup>3</sup>
	MW-1 (25-27' bgs)	MW-2 (25-27' bgs)	MW-3 (29.5-31.5' bgs)	SP-1 (3.5-5.5' bgs)	SP-1 (9.5-11.5' bgs)	SP-2 (2-4' bgs)	SP-3 (2-4' bgs)	SP-4 (0.5-2.5' bgs)	
<b>SVOCs</b>									
Bis (2-ethylhexyl) phthalate	ND	ND	ND	ND	8.02	17.3	1.028	2.23	50
Di-n-octyl phthalate	ND	ND	ND	ND	1.05	ND	ND	ND	50
<b>Metals</b>									
Arsenic, total	9.54	11.6	7.88	12.1	15.3	12.8	16.5	16.4	7.5 or SB
Barium	48	50.6	64.4	29.5	61.4	99.2	705	163	300 or SB
Cadmium, total	2.62	2.26	1.68	2.27	7.12	3.3	7.35	13	1.0 or SB
Chromium, total	13.6	11.4	9.34	13.4	37.9	17.4	230	40.2	10 or SB
Lead, total	16.8	28.3	12.5	9.87	18.5	17.8	757	104	SB
Mercury, total	ND	ND	ND	ND	ND	ND	0.351	ND	0.1
Silver, total	ND	ND	ND	ND	ND	ND	4.17	ND	SB
<b>Total Petroleum Hydrocarbons (TPH)</b>									
Lubrication oil	2.44	1.10	ND	19.5	82.6	1,270	153	ND	NA
<b>VOCs</b>									
Tetrachloroethene	ND	ND	ND	ND	ND	ND	0.0091	ND	.4
<b>PCBs</b>									
Aroclors, total	--	--	--	--	--	--	ND	4.269	--
									10

**Table 1**  
**(Cont'd)**  
**Progress Parkway Enterprises, Inc.**  
**Binghamton, New York**  
**Final Investigation Report**

**Summary of Detected Constituents in Phase II Soil Samples - 13 Broad Street Facility**

**Notes:**

1. Samples collected by DPRA Environmental between June 27 and July 7, 1998. Samples analyzed by Buck Environmental Laboratories, Inc. for VOCs (USEPA SW-846 Method 8240), SVOCs (USEPA SW-846 Method 8270), PCBs (USEPA SW-846 Method 8081), RCRA Metals (USEPA SW-846 6000/7000 Series Methods), and TPH (NYSDOH Method 310.13).
2. Standards presented are recommended soil cleanup objectives set forth in the New York State Department of Environmental Conservation (NYSDEC) Technical and Administrative Guidance Memorandum (TAGM) # 4046, dated January 1994.
3. All concentrations are reported in parts per million (ppm).
4. bgs = below ground surface.
5. SB = site background.
6. ND = Constituent was not detected at a concentration greater than the laboratory detection limit.
7. NA = No recommended soil cleanup objective is available for this constituent.
8. -- = Constituent was not analyzed.

**BUCK ENVIRONMENTAL**  
**LABORATORIES INC.**

ACCREDITED ENVIRONMENTAL ANALYSIS

3845 ROUTE 11 SOUTH,  
CORTLAND, N.Y. 13045

P.O. BOX 5150  
607-753-3403

**Laboratory Report**  
**Lab Log No: 9806412**

Client: DPRA ENVIRONMENTAL  
FIRST NATIONAL BANK BUILDING  
332 MINNESOTA ST, SUITE E-1500  
ST. PAUL MN 55101-

Site: SMC - 13 BROAD STREET

Report Date: 07/16/98  
Sampling Date: 06/27/98  
Sampled By: R. HEIMBACH  
Date Received: 06/29/98  
Analyzed By: PAI  
Analyzed: 07/14/98

Sample ID: SOIL - MW-1 (25-27')

SEMI-VOLATILES BY 8270

ANALYTE	CAS #	UNITS	DL	RESULTS
Aceanthrene	83-82-0	ug/kg	167	ND
Anisopropylene	105-90-8	ug/kg	167	ND
Anthracene	120-12-7	ug/kg	167	ND
Benz[a]anthracene	56-55-3	ug/kg	334	ND
Benz[a]pyrene	56-23-8	ug/kg	167	ND
Benz[b]fluoranthene	205-97-2	ug/kg	167	ND
Benzol[b]fluoranthene	191-24-2	ug/kg	167	ND
Benzol[j]fluoranthene	207-C8-3	ug/kg	167	ND
Butanoic Acid	65-05-0	-ppm	1670	ND
Benzyl Alcohol	102-51-8	ug/kg	628	ND
Benzyl Butyl phthalate	45-69-7	ug/kg	167	ND
Ethyl chloroformate/methane	111-91-1	ug/kg	334	ND
Ethylchloroformate	111-44-4	ug/kg	334	ND
Bis(2-chloroethyl)ether	108-00-1	ug/kg	334	ND
Bis(2-chloroethyl)phthalate	117-81-7	ug/kg	167	ND
Bis(2-ethylhexyl)phthalate	101-55-3	ug/kg	167	ND
4-Chlorophenylphenyl ether	101-55-3	ug/kg	167	ND
4-Chloro-3-methylphenol	59-50-7	ug/kg	167	ND
p-Chloraniline	108-47-5	ug/kg	660	ND
2-Chlorophthalene	91-68-7	ug/kg	167	ND
2-Chlorophenol	95-67-4	ug/kg	167	ND
4-Chlorophenyl phenyl ether	7005-72-3	ug/kg	167	ND
Chrysene	218-01-0	ug/kg	167	ND
Chlorbutyl phthalate	84-74-2	ug/kg	167	ND
Chlorocyclotriphosphazene	117-84-0	ug/kg	167	ND
Dibenzofuran	53-70-3	-ppm	167	ND
Dibenzofuran	132-E4-9	ug/kg	324	ND
1,2-Dichlorobenzene	95-50-1	ug/kg	167	ND
1,3-Dichlorobenzene	541-73-1	ug/kg	167	ND
1,4-Dichlorobenzene	105-48-7	ug/kg	167	ND
3,3'-Dichlorobenzidine	61-04-1	ug/kg	468	ND
2,4-Dichlorophenol	126-33-2	ug/kg	167	ND
Diethyl phthalate	64-06-2	ug/kg	167	ND
O-methyl phthalate	131-11-3	ug/kg	167	ND
2,4-Dimethylphenol	175-67-0	ug/kg	167	ND
4,6-Dinitro-2-methylphenol	514-51-1	ug/kg	836	ND
2,4-Dinitrophenol	51-26-5	ug/kg	1670	ND
2,4-Dinitrotoluene	121-14-2	ug/kg	334	ND
2,5-Dinitrotoluene	206-20-2	ug/kg	167	ND
Phenone	208-44-0	ug/kg	167	ND
Phenol	65-73-7	ug/kg	167	ND
Perchloroethane	108-74-1	ug/kg	167	ND
Perchloroethylene	52-69-3	ug/kg	167	ND
Perchloro-cyclohexane	77-47-4	ug/kg	167	ND
Perchloroethane	67-72-1	ug/kg	167	ND
Indeno[1,2,3-c]diphenene	133-38-5	ug/kg	167	ND
Isotharine	78-59-1	ug/kg	167	ND
2-Methylnaphthalene	61-67-6	ug/kg	334	ND
2-Naphthol	93-68-7	ug/kg	334	ND
4-Naphthol	106-14-5	ug/kg	334	ND
Naphthalene	91-20-3	ug/kg	167	ND
2-Naphthol	89-74-4	ug/kg	1573	ND
S-Naphthol	99-09-2	ug/kg	1670	ND
4-Nitroaniline	103-01-0	ug/kg	1670	ND
Nitrobenzene	106-05-3	ug/kg	167	ND
2-Nitrophenol	88-75-5	ug/kg	167	ND
4-Nitrophenol	100-02-1	ug/kg	167	ND
o-Nitroso-2-naphtholamine	621-84-7	ug/kg	167	ND
o-Nitrosodimethylamine	62-73-9	ug/kg	167	ND
n-Nitrosodimethylamine	85-70-0	-ppb	167	ND
P-chloroanisole	87-66-5	ug/kg	167	ND
Phenol glycidate	65-01-8	ug/kg	334	ND
Phenol	108-95-2	ug/kg	167	ND
Furan	123-00-0	ug/kg	167	ND
1,2,4-Trichlorobenzene	120-82-1	ug/kg	167	ND
2,4,5-Trichlorophenol	85-91-4	ug/kg	334	ND
2,4,6-Trichlorophenol	61-06-2	ug/kg	167	ND

This laboratory analysis has been performed in accordance with generally accepted laboratory practices and requirements of the New York State Department of Health ELAP Program. Buck Environmental Laboratories, Inc. makes no recommendations, representations or warranties other than as specifically set forth in this report and shall not be responsible or liable for any action or the consequences of any action taken in connection with this report.

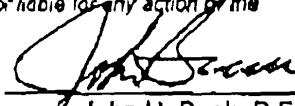
(ND => not detected above DL indicated)

(NEG => not detected)

(DL => detection limit)

(ug/L => ppb in water)

(ug/kg => ppb solid)



John H. Buck, P.E.

Laboratory Director, ELAP ID 10795

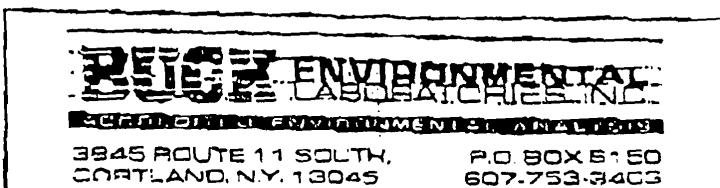
SENT BY:

8-3-98 11:41AM : HUNTON AND WILLIAMS

315 449 4111:#41

FAX TO: 601-222-1111

3:02



Laboratory Report  
Lab Log No: 9806412

Client: DPRA ENVIRONMENTAL  
FIRST NATIONAL BANK BUILDING  
332 MINNESOTA ST, SUITE E-1500  
ST. PAUL MN 55101-  
Site: SMC - 13 BROAD STREET

Report Date: 07/16/98  
Sampling Date: 06/27/98  
Sampled By: R. HEIMBACH  
Data Received: 06/28/98

Sample ID: SOIL - MW-1 (25-27')

ANALYTE	METHOD	ANALYZED BY	UNITS	DL	RESULTS
Arsenic, total	200.7/6010	07/06/98	JLR	ug/g	1
Barium, total	200.7/6010	07/06/98	JLR	ug/g	1
Cadmium, total	200.7/6010	07/06/98	JLR	ug/g	0.1
Chromium, total	200.7/6010	07/06/98	JLR	ug/g	1
Digest	3050	07/01/98	LN	DATE	0
Lead, total	200.7/6010	07/06/98	JLR	ug/g	1
Mercury, total	245.1/7471	07/07/98	JLR	ug/g	0.05
Selenium, total	200.7/6010	07/06/98	JLR	ug/g	0.3
Silver, total	200.7/6010	07/06/98	JLR	ug/g	0.3
					ND

This laboratory analysis has been performed in accordance with generally accepted laboratory practices and requirements of the New York State Department of Health ELAP Program. Buck Environmental Laboratories, Inc. makes no recommendations, representations or warranties other than as specifically set forth in this report and shall not be responsible or liable for any action or the consequences of any action taken in connection with this report.

(ND => not detected above DL indicated)  
(DL => detection limit)  
(mg/L => ppm in water)  
(ug/g => ppm in solid)

John H. Buck, P.E.  
Laboratory Director  
ELAP ID: 10795

SENT BY:  
FAX

8-3-98 :11:35AM : HUNTON AND WILLIAMS~  
BUCK ENVIRONMENTAL LAB: 100 W. 17TH STREET

315 449 4111:#22

ECE

**BUCK ENVIRONMENTAL  
LABORATORIES INC.**

3845 ROUTE 11 SOUTH,  
COPTLAND, N.Y. 13045

P.O. BOX 5150  
607-753-3400

Report Date: 07/23/98  
Lab Log Number: 9806412

**LABORATORY REPORT**

Client: DPRA Environmental  
First National Bank Building  
332 Minnesota St., Suite E-1500  
St. Paul, MN 55101

Site: SMC - 13 Broad Street

Sample Date: 06/27/98 by R. Heimbach

Samples: Soils

Method: Flame Ionization Detector, and/or GC/MS  
Adapted from NYSDOH 310-13 methodology

**TOTAL PETROLEUM HYDROCARBON  
QUANTIFICATION**

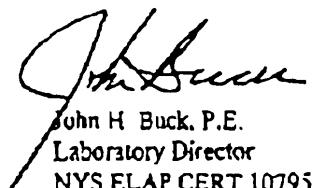
MW-1 (25-27') 2440 ug/Kg as Lube Oil

MW-2 (25-27') 1100 ug/Kg as Lube Oil

**PRODUCT CHARACTERIZATION**

The compounds and peak pattern present in the samples are consistent with a lubrication oil product.

This analysis is certified as conforming to generally accepted laboratory practices and requirements of the New York State Health Department ELAP program.

  
John H. Buck, P.E.  
Laboratory Director  
NYS FLAP CERT 10795

SENT BY:

8-3-98 11:35AM : HUNTON AND WILLIAMS-  
BUCK ENVIRONMENTAL CASE : FAX NO 607-753-3403

315 449 4111 #25

E.C.

**BUCK ENVIRONMENTAL  
LABORATORIES INC.**

ACREDITED ENVIRONMENTAL ANALYSTS

3845 ROUTE 11 SOUTH,  
CORTLAND, N.Y. 13045P.O. BOX 5150  
607-753-3403**Laboratory Report**  
**Lab Log No: 9808412**

Client: DPRA ENVIRONMENTAL  
 FIRST NATIONAL BANK BUILDING  
 - 332 MINNESOTA ST, SUITE E-1500  
 ST. PAUL MN 55101-  
 Site: SMC - 13 BROAD STREET

Report Date: 07/16/98  
 Sampling Date: 06/27/98  
 Sampled By: R. HEIMBACH  
 Date Received: 06/29/98  
 Analyzed By: PAI  
 Analyzed: 07/02/98

Sample ID: SOIL - MW-1 (25-27)

**VOLATILES BY EPA 8240**

ANALYTE	CAS #	UNITS	DL	RESULTS
Acetone	67-64-1	ug/kg	10	ND
Benzene	71-43-2	ug/kg	5	ND
Bromoform	75-77-4	ug/kg	5	ND
Bromomethane	75-25-2	ug/kg	5	ND
Carbon disulfide	71-63-8	ug/kg	10	ND
Carbon tetrachloride	56-23-5	ug/kg	5	ND
Chlorobenzene	106-60-7	ug/kg	5	ND
Chloroform	73-00-0	ug/kg	10	ND
2-Chlorotetrahydrofuran	110-75-4	ug/kg	5	ND
Chloroform	57-06-1	ug/kg	5	ND
Chloromethane	74-87-3	ug/kg	10	ND
Dichloroethane	124-48-1	ug/kg	5	ND
1,2-Dichloroethane	95-50-1	ug/kg	5	ND
1,4-Dichlorobenzene	541-73-1	ug/kg	5	ND
1,4-Dichloroethane	106-45-7	ug/kg	5	ND
Dichlorodifluoromethane	75-71-2	ug/kg	5	ND
1,1-Dichloroethane	75-34-3	ug/kg	5	ND
1,2-Dichloroethene	107-01-2	ug/kg	5	ND
1,1-Dichloroethene	75-35-4	ug/kg	5	ND
cis-1,2-Dichloroethene	158-55-2	ug/kg	5	ND
trans-1,2-Dichloroethene	138-60-5	ug/kg	5	ND
1,2-Dichloropropane	78-07-5	ug/kg	5	ND
cis-1,3-Dichloropropane	10061-01-5	ug/kg	5	ND
trans-1,3-Dichloropropane	10081-02-8	ug/kg	5	ND
Ethyl benzene	102-11-1	ug/kg	5	ND
Heptane	591-78-8	ug/kg	50	ND
Methyl ethyl ketone	78-05-3	ug/kg	50	ND
4-Methyl-2-Pentanone	108-10-1	ug/kg	50	ND
Methylene Chloride	75-09-2	ug/kg	5	ND
Styrene	100-42-5	ug/kg	5	ND
1,1,2,2-Tetrachloroethane	78-34-3	ug/kg	5	ND
Tetrachloroethylene	127-19-4	ug/kg	5	ND
Toluene	108-88-0	ug/kg	5	ND
1,1,1-Trichloroethane	71-55-6	ug/kg	5	ND
1,1,2-Trichloroethane	73-03-6	ug/kg	5	ND
Trichloroethene	73-01-5	ug/kg	5	ND
Trichlorofluoromethane	75-89-2	ug/kg	5	ND
Vinyl acetate	150-65-4	ug/kg	5	ND
Vinyl chloride	75-01-4	-ug/kg	50	ND
xylenes(m,c,p)	1330-20-7	-ug/kg	5	ND

This laboratory analysis has been performed in accordance with generally accepted laboratory practices and requirements of the New York State Department of Health ELAP Program. Buck Environmental Laboratories, Inc. makes no recommendations, representations or warranties other than as specifically set forth in this report and shall not be responsible or liable for any action or the consequences of any action taken in connection with this report.

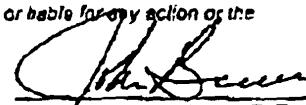
(ND =&gt; not detected above DL indicated)

(NEG =&gt; not detected)

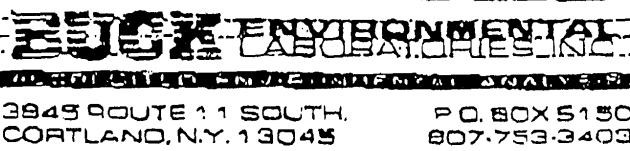
(DL =&gt; detection limit)

(ug/L =&gt; ppb in water)

(ug/kg =&gt; ppb solid)



John H. Buck, P.E.  
 Laboratory Director, ELAP ID 10795

**Laboratory Report**  
**Lab Log No: 9806412**

Client: DPR ENVIRONMENTAL  
FIRST NATIONAL BANK BUILDING  
- 332 MINNESOTA ST, SUITE E-1500  
ST. PAUL MN 55101-

Site: SMC - 13 BROAD STREET

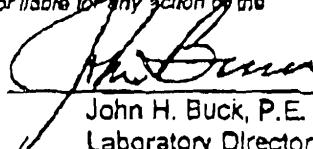
Report Date: 07/16/98  
Sampling Date: 06/27/98  
Sampled By: R. HEIMBACH  
Date Received: 06/29/98  
Analyzed By: PAI  
Analyzed: 07/14/98

**Sample ID: SOIL - MW-2 (25-27')****SEMI-VOLATILES BY 8270**

ANALYTE	CAS #	UNITS	DL	RESULTS
Acenaphthene	63-32-9	ug/kg	167	ND
Acenaphthylene	208-96-8	ug/kg	167	ND
Anthracene	120-12-7	ug/kg	167	ND
Benz[a]anthracene	58-56-3	ug/kg	334	ND
Benz[b]pyrene	50-31-8	ug/kg	167	ND
Benz[c]fluoranthene	205-59-2	ug/kg	167	ND
Benz[ghi]perylene	191-24-2	ug/kg	167	ND
Benz[k]fluoranthene	267-08-9	ug/kg	167	ND
Benzoic Acid	62-85-0	ug/kg	1670	ND
Benzyl Alcohol	100-51-6	ug/kg	688	ND
Benzyl butyl phthalate	85-68-7	ug/kg	167	ND
Bis(2-chloroethyl)ether	111-61-0	ug/kg	234	ND
Bis(2-chloroethyl)ether	111-44-4	ug/kg	334	ND
Bis(2-chloroethyl)ether	108-60-1	ug/kg	334	ND
Bis(2-ethylhexyl)phthalate	117-61-7	ug/kg	167	ND
4-Bromophenylmethyl ether	101-65-3	ug/kg	167	ND
4-Chloro-3-methylphenol	59-60-7	ug/kg	167	ND
p-Dinitrobenzene	108-47-3	ug/kg	658	ND
2-Chloronaphthalene	91-58-7	ug/kg	167	ND
2-Chlorotoluene	88-57-0	ug/kg	167	ND
4-Chlorophenyl phenyl ether	7005-72-3	ug/kg	167	ND
Chrysene	211-01-3	ug/kg	167	ND
Dimethyl phthalate	84-74-2	ug/kg	167	ND
Dimethyl nitrole	111-64-0	ug/kg	167	ND
Dibenz(a,h)anthracene	53-70-3	ug/kg	167	ND
Dibenzofuran	137-64-0	ug/kg	334	ND
1,2-Dichrobenzene	86-50-1	ug/kg	167	ND
1,3-Dichlorobutane	541-73-1	ug/kg	167	ND
1,4-Dichlorobutane	126-43-7	ug/kg	167	ND
3,2-Dichlorobenzene	91-94-1	ug/kg	688	ND
2,4-Dichropanone	130-83-2	ug/kg	167	ND
Diethyl phthalate	54-68-2	ug/kg	167	ND
Dimethyl phthalate	121-11-3	ug/kg	167	ND
2,4-Dinitrophenol	105-67-8	ug/kg	167	ND
2,6-Dinitro-2-methylphenol	534-52-1	ug/kg	835	ND
2,4-Dinitrophenol	51-28-5	ug/kg	1573	ND
2,4-Dinitrotoluene	121-14-2	ug/kg	334	ND
2,5-Dinitrofuran	608-20-2	ug/kg	167	ND
Fluoranthene	205-44-0	ug/kg	167	ND
Fluorene	86-73-7	ug/kg	167	ND
Heptachlorobutane	118-74-1	ug/kg	167	ND
Heptachlorobutene	87-02-0	ug/kg	167	ND
7-Eicosatetraenoic acid	77-27-4	ug/kg	167	ND
Hexachloroethane	67-72-1	ug/kg	167	ND
Indene(1,2,3-c)pyrrole	103-38-5	ug/kg	167	ND
Isocorrene	70-56-1	ug/kg	157	ND
2-Methylbenzylamine	91-57-0	ug/kg	234	ND
2-Methylphenol	95-49-7	ug/kg	334	ND
4-Methylphenol	106-44-5	ug/kg	334	ND
Naphthalene	91-20-3	ug/kg	167	ND
2-Nitroaniline	62-74-4	ug/kg	1670	ND
3-Nitroaniline	59-09-2	ug/kg	1670	ND
4-Nitroaniline	100-01-05	ug/kg	1670	ND
Nitrobenzene	98-95-3	ug/kg	167	ND
2-Nitrophenol	95-75-5	ug/kg	167	ND
4-Nitrophenol	100-C2-7	ug/kg	167	ND
m-Nitroanisole	621-84-7	ug/kg	167	ND
m-Nitrodimethylamine	62-75-0	ug/kg	167	ND
m-Nitroanisole	60-30-6	ug/kg	167	ND
Pentachlorophenol	67-06-5	ug/kg	167	ND
Phenanthrene	85-01-0	ug/kg	334	ND
Phenol	108-95-2	ug/kg	167	ND
Pyrene	129-00-0	ug/kg	167	ND
1,2,4-Trichlorobenzene	120-82-1	ug/kg	167	ND
2,4,6-Trichlorophenol	95-85-4	ug/kg	334	ND
2,4,6-Trichlorophenol	85-06-2	ug/kg	167	ND

This laboratory analysis has been performed in accordance with generally accepted laboratory practices and requirements of the New York State Department of Health ELAP Program. Buck Environmental Laboratories, Inc. makes no recommendations, representations or warranties other than as specifically set forth in this report and shall not be responsible or liable for any action or the consequences of any action taken in connection with this report.

(ND => not detected above DL indicated)  
(NEG => not detected)  
(DL => detection limit)  
(ug/L => ppb in water)  
(ug/kg => ppb solid)



John H. Buck, P.E.  
Laboratory Director ELAP ID 10705

SENT BY:

8-3-98 11:41AM : HUNTON AND WILLIAMS→

315 449 4111:#42

DPRA ENVIRONMENTAL LABS

FAX 315 449-4111

P.C.

**BUCK ENVIRONMENTAL  
LABORATORIES, INC.**
3945 ROUTE 11 SOUTH,  
CORTLAND, N.Y. 13045P.O. BOX 3150  
607-753-3103
**Laboratory Report**  
**Lab Log No: 9806412**

Client: DPRA ENVIRONMENTAL  
 FIRST NATIONAL BANK BUILDING  
 332 MINNESOTA ST. SUITE E-1500  
 ST. PAUL MN 55101-

Site: SMC - 13 BROAD STREET

Report Date: 07/16/98  
 Sampling Date: 06/27/98  
 Sampled By: R. HEIMBACH  
 Date Received: 06/29/98

**Sample ID: SOIL - MW-2 (25-27)**

ANALYTE	METHOD	ANALYZED BY	UNITS	DL	RESULTS
Arsenic, total	200.7/6010	07/06/98	ug/g	1	11.6
Barium, total	200.7/6010	07/06/98	ug/g	1	50.6
Gadolinium, total	200.7/6010	07/06/98	ug/g	0.1	2.26
Chromium, total	200.7/6010	07/06/98	ug/g	1	11.4
Digest	3050	07/01/98	LN	DATE	complete
Lead, total	200.7/6010	07/06/98	ug/g	1	28.3
Mercury, total	245.1/7471	07/07/98	ug/g	0.1	ND
Selenium, total	200.7/6010	07/06/98	ug/g	0.5	ND
Silver, total	200.7/6010	07/06/98	ug/g	0.7	ND

This laboratory analysis has been performed in accordance with generally accepted laboratory practices and requirements of the New York State Department of Health ELAP Program. Buck Environmental Laboratories, Inc. makes no recommendations, representations or warranties other than as specifically set forth in this report and shall not be responsible or liable for any action or the consequences of any action taken in connection with this report.

(ND => not detected above DL indicated)  
 (DL => detection limit)  
 (mg/L => ppm in water)  
 (ug/g => ppm in solid)

John H. Buck, P.E.  
 Laboratory Director  
 ELAP ID: 10795

SENT BY:  
FAX

8-3-98 :11:35AM : HUNTON AND WILLIAMS-  
BUCK ENVIRONMENTAL LABS : FAX 1. 315-449-4111

315 449 4111:#22

105

**BUCK ENVIRONMENTAL**  
**LABORATORIES INC.**

3845 ROUTE 11 SOUTH, P.O. BOX 5150  
CORTLAND, N.Y. 13045 607-753-3400

Report Date: 07/23/98  
Lab Log Number: S806412

**LABORATORY REPORT**

Client: DPRA Environmental  
First National Bank Building  
332 Minnesota St., Suite E-1500  
St. Paul, MN 55101

Site: SMC - 13 Broad Street

Sample Date: 06/27/98 by R. Heimbach

Samples: Soils

Method: Flame Ionization Detector, and/or GC/MS  
Adapted from NYSDOH 310-13 methodology

**TOTAL PETROLEUM HYDROCARBON**  
**QUANTITATION**

MW-1 (25-27') 2440 ug/Kg as Lube Oil

MW-2 (25-27') 1100 ug/Kg as Lube Oil

**PRODUCT CHARACTERIZATION**

The compounds and peak pattern present in the samples are consistent with a lubrication oil product.

This analysis is certified as conforming to generally accepted laboratory practices and requirements of the New York State Health Department ELAP program.

  
John H. Buck, P.E.  
Laboratory Director  
NYS FLAP CERT 10795

SENT BY:

8-3-98 11:35AM : HUNTON AND WILLIAMS  
SOLA ENVIRONMENTAL INC. 1077533415

315 449 4111; #26

FAX

**BUCK ENVIRONMENTAL**  
**LABORATORIES INC.**3845 ROUTE 11 SOUTH,  
CORTLAND, N.Y. 13043P.O. BOX 5150  
607-753-3403

Client: DPRA ENVIRONMENTAL  
 FIRST NATIONAL BANK BUILDING  
 - 332 MINNESOTA ST, SUITE E-1500  
 ST. PAUL MN 55101-  
 Site: SMC - 13 BROAD STREET

**Laboratory Report**  
**Lab Log No: 8806412**

Report Date: 07/16/98  
 Sampling Date: 06/27/98  
 Sampled By: R. HEIMBACH  
 Date Received: 06/29/98  
 Analyzed By: PAI  
 Analyzed: 07/02/98

Sample ID: SOIL - MW-2 (25-27')

**VOLATILES BY EPA 8240**

ANALYTE	CAS #	UNITS	DL	RESULTS
Acetone	67-64-1	ug/kg	100	ND
Benzene	71-43-2	ug/kg	5	ND
Bromoacetonethane	75-27-4	ug/kg	5	ND
Bromoform	75-26-2	ug/kg	5	ND
Bromonemane	74-83-0	ug/kg	10	ND
Carbon disulfide	75-15-0	ug/kg	.00	ND
Carbon tetrachloride	56-23-9	ug/kg	5	ND
Chlorobenzene	136-90-7	ug/kg	5	ND
Chlorobiphenyl	75-29-3	ug/kg	10	ND
2-Chloroethylvinyl ether	110-76-8	ug/kg	5	ND
Chloroform	67-66-3	ug/kg	5	ND
Chlorotoluene	74-97-3	ug/kg	10	ND
Dibromoethane	124-46-1	ug/kg	5	ND
1,2-Dichloroethane	61-50-1	ug/kg	5	ND
1,3-Dichloropropane	541-73-1	ug/kg	5	ND
1,4-Dichlorobenzene	108-46-7	ug/kg	5	ND
Dichlorodifluoromethane	75-71-0	ug/kg	5	ND
1,1-Dichloroethene	75-34-3	ug/kg	5	ND
1,2-Dichloroethane	107-06-2	ug/kg	5	ND
1,1-Dichloroethane	75-35-4	ug/kg	5	ND
cis-1,2-Dichloroethene	158-55-2	ug/kg	5	ND
trans-1,2-Dichloroethene	158-60-6	ug/kg	5	ND
1,2-Dichloropropane	78-47-5	ug/kg	5	ND
cis-1,3-Dichloropropene	10361-01-5	ug/kg	5	ND
trans-1,3-Dichloropropene	10061-02-6	ug/kg	5	ND
Ethylbenzene	100-41-1	ug/kg	5	ND
Heptane	591-78-6	ug/kg	50	ND
Methyl vinyl ketone	78-92-3	ug/kg	100	ND
4-Methyl-1-Pentene	128-10-1	ug/kg	50	ND
Methylene chloride	75-00-2	ug/kg	5	ND
Syrene	100-02-5	ug/kg	5	ND
1,1,2,2-Tetrachloroethane	70-34-5	ug/kg	5	ND
Tetrahydrocathene	127-15-4	ug/kg	5	ND
Toluene	108-88-3	ug/kg	5	ND
1,1-Trichloroethane	71-35-8	ug/kg	5	ND
1,1,2-Trichloroethane	73-00-5	ug/kg	5	ND
Trichloroethane	73-01-6	ug/kg	5	ND
Trichlorofluoromethane	75-69-4	ug/kg	5	ND
Vinyl acetate	109-05-4	ug/kg	5	ND
Vinyl chloride	7501-1	ug/kg	10	ND
zylene(m.c.g)	1200-20-7	ug/kg	5	ND

This laboratory analysis has been performed in accordance with generally accepted laboratory practices and requirements of the New York State Department of Health ELAP Program. Buck Environmental Laboratories, Inc. makes no recommendations, representations or warranties other than as specifically set forth in this report and shall not be responsible or liable for any action or the consequences of any action taken in connection with this report.

(ND =&gt; not detected above DL indicated)

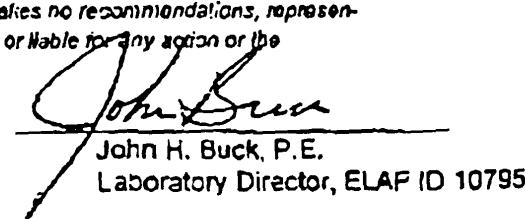
(NEG =&gt; not detected)

(DL =&gt; detection limit)

(ug/L =&gt; ppb in water)

(ug/kg =&gt; ppb solid)

100% FAX



John H. Buck, P.E.  
Laboratory Director, ELAP ID 10795

SENT BY:

8- 3-98 :11:38AM : HUNTON AND WILLIAMS

315 449 4111:#35

HUNTON AND WILLIAMS

BUCK ENVIRONMENTAL LABS

FAX NO. 317-753-3375

**BUCK ENVIRONMENTAL  
LABORATORIES INC.**

**ANALYTICAL ENVIRONMENTAL ANALYSTS**  
3045 ROUTE 11 SOUTH,  
CORTLAND, N.Y. 13045      P.O. BOX 5150  
                                607-750-3403

**Client:** OPRA ENVIRONMENTAL  
FIRST NATIONAL BANK BUILDING  
332 MINNESOTA ST, SUITE E-1500  
ST. PAUL MN 55101-  
**Site:** SMC - 13 BROAD STREET

**Laboratory Report**  
**Lab Log No: 9807136**

Report Date: 07/29/98  
Sampling Date: 07/07/98  
Sampled By: R. HEIMBACH  
Date Received: 07/09/98  
Analyzed By: PAI  
Analyzed: 07/27/98

Sample ID: SOIL - MW-3 (29.5-31.5')

## SEMI-VOLATILES BY 8270

ANALYTE	CAS #	UNITS	DL	RESULTS
Acenaphthene	83-32-9	ug/kg	187	ND
Acenaphthylene	208-98-9	ug/kg	187	ND
Anthracene	120-12-7	ug/kg	187	ND
Benz[a]anthracene	66-48-3	ug/kg	334	ND
Benzolabiphenyl	50-32-3	ug/kg	187	ND
Benzobifluorophene	205-99-2	ug/kg	187	ND
Benzocoumarene	131-24-2	ug/kg	187	ND
Benzofuran	207-02-9	ug/kg	187	ND
Benzofluoranthene	56-85-0	ug/kg	1870	ND
Benzyl Alcohol	100-51-6	ug/kg	688	ND
Benzyl butyl phthalate	86-68-7	ug/kg	187	ND
Bis[2-(chlorophenoxy)]methane	111-31-1	ug/kg	334	ND
Bis[2-chloroethyl]ether	111-44-4	ug/kg	334	ND
Bis[2-chloropropoxy]ether	108-00-1	ug/kg	334	ND
Bis[2-(chlorophenoxy)propane]	117-81-7	ug/kg	187	ND
4-Bromoanisole	101-55-3	ug/kg	187	ND
4-Chloro-2-methoxyphenol	59-50-7	ug/kg	187	ND
p-Chloroanisole	108-47-8	ug/kg	688	ND
2-Chlorophenol	91-50-7	ug/kg	187	ND
2-Chlorophenol	95-57-8	ug/kg	187	ND
4-Chlorophenyl phenyl ether	7005-72-3	ug/kg	187	ND
Cyclohexene	216-31-9	ug/kg	187	ND
Di- <i>n</i> -butyl phthalate	54-74-2	ug/kg	187	ND
Di- <i>n</i> -octyl phthalate	117-84-0	ug/kg	187	ND
Dibenz(a,h)anthracene	53-73-3	ug/kg	187	ND
Dibenzofuran	122-84-9	ug/kg	334	ND
1,2-Dichlorobenzene	95-60-1	ug/kg	187	ND
1,3-Dichlorobenzene	541-73-1	ug/kg	187	ND
1,4-Dichlorobenzene	106-48-7	ug/kg	187	ND
1,3,5-Dichlorobenzidine	91-94-1	ug/kg	688	ND
2,4-Dichlorophenol	122-83-2	ug/kg	187	ND
Dimethyl phthalate	84-66-2	ug/kg	187	ND
Dimethyl phthalide	131-11-3	ug/kg	187	ND
2,6-Dimethylphenol	105-87-9	ug/kg	187	ND
4-Ethyl-2-methylphenol	534-52-1	ug/kg	834	ND
2,4-Dinitrophenol	51-28-5	ug/kg	1870	ND
2,4-Dinitrotoluene	121-14-2	ug/kg	334	ND
2,5-Dinitrotoluene	608-20-2	ug/kg	187	ND
Fluorene	209-64-0	ug/kg	187	ND
Fluorane	52-73-7	ug/kg	187	ND
Heptachlorobenzene	116-74-1	ug/kg	187	ND
Heptachlorobutadiene	67-69-2	ug/kg	187	ND
Heptachlorocyclohexadiene	77-47-4	ug/kg	187	ND
Heptachlorobutene	67-72-1	ug/kg	187	ND
1-Methoxy(1,2,3-c,d)benzene	193-39-5	ug/kg	187	ND
Isoquinoline	78-59-1	ug/kg	187	ND
2-Methylnaphthalene	91-67-8	ug/kg	334	ND
2-Methyltoluene	95-45-7	ug/kg	334	ND
4-Methylphenol	108-84-5	ug/kg	334	ND
Naphthalene	91-20-3	ug/kg	187	ND
2-Nitroaniline	88-72-4	ug/kg	1870	ND
3-Nitroaniline	59-09-2	ug/kg	1870	ND
4-Nitroaniline	100-31-06	ug/kg	1870	ND
Nitrobenzene	98-95-3	ug/kg	187	ND
2-Naphthol	88-75-5	ug/kg	187	ND
4-Naphthol	100-02-7	ug/kg	187	ND
α-Nitroso-2,4-dinitrophenol	621-44-7	ug/kg	187	ND
2,2-Diisopropenylamine	83-75-9	ug/kg	187	ND
2,2-Dimethoxyphenylamine	86-53-6	ug/kg	187	ND
Pentachlorobenzene	87-89-8	ug/kg	187	ND
Phenanthrene	85-01-4	ug/kg	334	ND
Phenol	108-45-2	ug/kg	187	ND
Pyrene	129-00-7	ug/kg	187	ND
1,2,4-Trichlorobenzene	120-82-1	ug/kg	187	ND
2,4,5-Trichlorophenol	95-95-4	ug/kg	334	ND
2,4,6-Trichlorophenol	88-06-2	ug/kg	187	ND

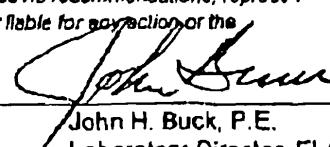
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(ND =&gt; not detected above DL indicated)

(NEG =&gt; not detected)

(DL =&gt; detection limit)

(ug/L =&gt; ppb in water)



John H. Buck, P.E.  
Laboratory Director ELAP ID 10700

SENT BY:

8- 3-98 :11:41AM : HUNTON AND WILLIAMS

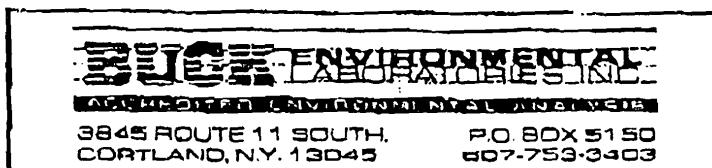
315 449 4111:#43

REF ID: 55461219

DPRA ENVIRONMENTAL LAB

ELAP ID: 10795

E 09



**Laboratory Report**  
**Lab Log No: 9807136**

Client: DPRA ENVIRONMENTAL  
FIRST NATIONAL BANK BUILDING  
332 MINNESOTA ST, SUITE E-1500  
ST. PAUL MN 55101-

Report Date: 07/29/98  
Sampling Date: 07/07/98  
Sampled By: R. HEIMBACH  
Date Received: 07/09/98

Site: SMC - 13 BROAD STREET

Sample ID: SOIL - MW-3 (29.5-31.5')

ANALYTE	METHOD	ANALYZED BY	UNITS	DL	RESULTS
Arsenic, total	200.7/6010	07/13/98	ug/g	1	7.88
Barium, total	200.7/6010	07/13/98	ug/g	1	64.4
Cadmium, total	200.7/6010	07/13/98	ug/g	0.1	1.68
Chromium, total	200.7/6010	07/13/98	ug/g	1	9.34
Digest	3050	07/10/98	DATE	0	complete
Lead, total	200.7/6010	07/13/98	ug/g	1	12.5
Mercury, total	245.1/7471	07/13/98	ug/g	0.06	ND
Selenium, total	200.7/6010	07/13/98	ug/g	0.3	ND
Silver, total	200.7/6010	07/13/98	ug/g	0.4	ND

This laboratory analysis has been performed in accordance with generally accepted laboratory practices and requirements of the New York State Department of Health ELAP Program. Buck Environmental Laboratories, Inc. makes no recommendations, representations or warranties other than as specifically set forth in this report and shall not be responsible or liable for any action or the consequences of any action taken in connection with this report.

(ND => not detected above DL indicated)  
(DL => detection limit)  
(mg/L => ppm in water)  
(ug/g => ppm in solid)

John H. Buck, P.E.  
Laboratory Director  
ELAP ID: 10795

SENT BY:  
JULY 27, 1998 4PM TO DO

8- 3-98 :11:35AM : HUNTON AND WILLIAMS-  
BUCK ENVIRONMENTAL LABS FAX 319 343-0040

315 449 4111:#23

**BUCK ENVIRONMENTAL**  
**LABORATORIES, INC.**

3845 ROUTE 11 SOUTH, P.O. BOX 5150  
CORTLAND, N.Y. 13045 607-753-3403

Report Date: 07/29/98  
Lab Log Number: 9807136

**LABORATORY REPORT**

Client: DPRA Environmental  
First National Bank Building  
332 Minnesota St., Suite E-1500  
St Paul, MN 55101

Site: SMC - 13 Broad Street

Sample Date: 07/07/98 by R. Helmbach

Sample: Soil

Method: Flame Ionization Detector, and/or GC/MS  
Adapted from NYSDOH 310-13 methodology

**TOTAL PETROLEUM HYDROCARBON**  
**QUANTITATION**

MW-3 (29.5 - 31.5')

ND (<170 ug/Kg)

ND - None detected greater than detection limit noted.

This analysis is certified as conforming to generally accepted laboratory practices and requirements of the New York State Health Department ELAP program.

  
John H. Buck, P.E.  
Laboratory Director  
NYS ELAP CERT 10795

SENT BY:  
FAX/TELECO 9807136

8- 3-98 ;11:36AM ; HUNTON AND WILLIAMS→  
BUCK ENVIRONMENTAL LABS

315 449 4111;#27

**BUCK ENVIRONMENTAL  
LABORATORIES, INC.**

ENVIRONMENTAL MONITORING & ANALYSIS  
3045 ROUTE 11 SOUTH,  
CORTLAND, N.Y. 13045

P.O. BOX 5150  
E07-753-3403

**Laboratory Report**  
**Lab Log No: 9807136**

Client: DPRA ENVIRONMENTAL  
FIRST NATIONAL BANK BUILDING  
332 MINNESOTA ST. SUITE E-1500  
ST PAUL MN 55101-  
Site: SMC - 13 BROAD STREET

Report Date: 07/21/98  
Sampling Date: 07/07/98  
Sampled By: R. HEIMBACH  
Date Received: 07/09/98  
Analyzed By: PAJ  
Analyzed: 07/16/98

Sample ID: SOIL • MW-3 (29.5-31.5')

VOLATILES BY EPA 8240

ANALYTE	CAS #	UNITS	DL	RESULTS
Acetone	67-34-1	ug/kg	100	ND
Benzene	71-43-2	ug/kg	5	ND
Bromodichloromethane	75-27-4	ug/kg	5	ND
Bromoform	75-25-2	ug/kg	5	ND
Bromostilbene	74-93-0	ug/kg	10	ND
Carbon disulfide	75-15-0	ug/kg	100	ND
Cupric chloride	54-23-5	ug/kg	5	ND
Cyclohexane	128-90-7	ug/kg	5	ND
Cyclohexene	75-00-3	ug/kg	10	ND
2-Chloroethyl vinyl ether	710-75-8	ug/kg	5	ND
Chloroform	67-66-3	ug/kg	5	ND
Chloromethane	74-87-3	ug/kg	10	ND
Cis-1,3-Dimethylcyclohexane	124-45-1	ug/kg	5	ND
1,2-Dichloroethane	95-00-1	ug/kg	5	ND
1,3-Dichlorobenzene	541-73-1	ug/kg	5	ND
1,4-Dichlorobenzene	108-46-7	ug/kg	5	ND
Dichlorodifluoromethane	75-71-3	ug/kg	5	ND
1,1-Dichloroethane	75-34-3	ug/kg	5	ND
1,2-Dichloroethane	107-06-2	ug/kg	5	ND
1,1-Dichloroethene	75-38-4	ug/kg	5	ND
cis-1,2-Dichloroethene	156-94-2	ug/kg	5	ND
trans-1,2-Dichloroethene	156-60-5	ug/kg	5	ND
1,2-Dichloropropane	76-07-9	ug/kg	5	ND
cis-1,3-Dichloro-1,3-ene	12061-01-3	ug/kg	5	ND
trans-1,3-Dichloro-1,3-ene	12061-02-0	ug/kg	5	ND
Ethylbenzene	100-41-1	ug/kg	5	ND
Mesoxane	591-78-8	ug/kg	50	ND
2-Methyl ethyl ketone	73-93-3	ug/kg	100	ND
4-Methyl-2-Pentanone	108-10-1	ug/kg	50	ND
Methylene Chloride	75-06-2	ug/kg	5	ND
Syntex	100-47-5	ug/kg	5	ND
1,1,2,2-Tetrabromoethane	78-34-5	ug/kg	5	ND
Tetrachloroethene	127-18-4	ug/kg	5	ND
Toluene	108-80-3	ug/kg	5	ND
1,1-Trichloroethane	71-65-6	ug/kg	5	ND
1,2-Trichloroethane	73-30-3	ug/kg	5	ND
Trichloroethene	79-11-6	ug/kg	5	ND
Tetrachloroethane	75-69-4	ug/kg	5	ND
Vinyl acetate	108-05-4	ug/kg	50	ND
Vinyl chloride	75-01-4	ug/kg	10	ND
Xylenes (m, p, o)	1230-23-7	ug/kg	5	ND

This laboratory analysis has been performed in accordance with generally accepted laboratory practices and requirements of the New York State Department of Health ELAP Program. Buck Environmental Laboratories, Inc. makes no recommendations, representations or warranties other than as specifically set forth in this report and shall not be responsible or liable for any action or the consequences of any action taken in connection with this report.

(ND => not detected above DL indicated)

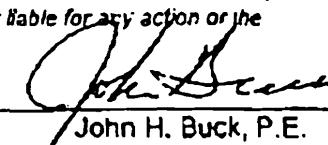
(NEG => not detected)

(DL => detection limit)

(ug/L => ppb in water)

(ug/kg => ppb solid)

ESQ/LP/RX

  
John H. Buck, P.E.  
Laboratory Director, ELAP ID 10795

SENT BY:

8- 3-98 :11:39AM ; HUNTON AND WILLIAMS

315 449 4111:#36

BUCK ENVIRONMENTAL LABS

FAX 315 449 4111

P.O.



3845 ROUTE 11 SOUTH. P.O. BOX 5150  
CORTLAND, N.Y. 13045 807.753.3103

Client: DPRA ENVIRONMENTAL  
FIRST NATIONAL BANK BUILDING  
332 MINNESOTA ST, SUITE E-1500  
ST. PAUL MN 55101-  
Site: SMC - 13 BROAD STREET

## Laboratory Report

Lab Log No: 9806448

Report Date: 07/27/98  
Sampling Date: 06/29/98  
Sampled By: R. HEIMBACH  
Date Received: 06/30/98  
Analyzed By: PAI  
Analyzed: 07/14/98

Sample ID: SOIL - SP-1 (3.5-5.5') SEMI-VOLATILES BY 8270

ANALYTE	CAS #	UNITS	DL	RESULTS
Aceanthrycene	60-51-8	ug/kg	167	ND
Aceanaphthylene	206-98-8	ug/kg	167	ND
Anthracene	120-12-7	ug/kg	167	ND
Benz(a)anthracene	58-35-3	ug/kg	334	ND
Benz(a)pyrene	50-32-8	ug/kg	167	ND
Benz(a)fluoranthene	206-09-2	ug/kg	167	ND
Benz(a)phenanthrene	191-26-2	ug/kg	167	ND
Benzofluoranthene	207-08-9	ug/kg	167	ND
Benzole Acid	65-85-0	ug/kg	1670	ND
Benzyl Alcohol	100-51-4	ug/kg	268	ND
Denzyl butyl phthalate	55-08-7	ug/kg	167	ND
Bu(2-chloroethyl)benzene	111-91-1	ug/kg	334	ND
Bis(2-chloromethyl)ether	111-44-4	ug/kg	334	ND
Bis(2-chloroethyl)sophorol	108-60-1	ug/kg	234	ND
Bis(2-ethylhexyl)phthalate	147-81-7	ug/kg	167	ND
4-Bromochlorophenyl ether	101-56-3	ug/kg	167	ND
4-Chloro-3-methylphenol	59-50-7	ug/kg	167	ND
p-Chloraniline	108-47-8	ug/kg	668	ND
2-Chloronaphthalene	91-56-7	ug/kg	167	ND
2-Chlorophenol	95-67-8	ug/kg	167	ND
4-Chloropropyl phenyl ether	7005-72-3	ug/kg	167	ND
Chrysene	218-01-8	ug/kg	167	ND
Di-2-butyl phthalate	84-74-2	ug/kg	167	ND
Di-n-octyl phthalate	117-84-0	ug/kg	167	ND
Dibenz(a,h)anthracene	53-70-3	ug/kg	167	ND
Dibenzofuran	132-82-0	ug/kg	334	ND
1,2-Dichlorobenzene	95-50-1	ug/kg	167	ND
1,3-Dichlorobenzene	941-73-1	ug/kg	167	ND
1,4-Dichlorobenzene	106-48-7	ug/kg	167	ND
3,3'-Dichlorobiphenyl	91-94-1	ug/kg	668	ND
2,4-Dichlorophenol	120-73-2	ug/kg	167	ND
Diethyl phth. diate	64-06-2	ug/kg	167	ND
Dimethyl phthalate	131-11-3	ug/kg	167	ND
2,4-Dimethylphenol	105-67-8	ug/kg	167	ND
4,5-Dihydro-2-methylchalcone	551-92-1	ug/kg	815	ND
2,4-Dinitrophenol	51-26-5	ug/kg	1670	ND
2,4-Dinitrotoluene	121-14-3	ug/kg	334	ND
2,6-Dinitrotoluene	225-23-2	ug/kg	167	ND
Fluorene	101-44-0	ug/kg	167	ND
Fluorene	88-73-7	ug/kg	167	ND
Hexachlorobenzene	115-74-1	ug/kg	167	ND
Hexachlorobutadiene	87-88-3	ug/kg	167	ND
Hexachlorocyclopentadiene	77-47-4	ug/kg	167	ND
Hexachloroethane	87-72-1	ug/kg	167	ND
Indeno[1,2,3-c,d]pyrene	102-30-5	ug/kg	167	ND
Isophorone	78-59-1	ug/kg	167	ND
2-Methylheptalene	91-47-6	ug/kg	334	ND
2-Methylphenol	85-48-7	ug/kg	334	ND
4-Methylphenol	106-44-5	ug/kg	334	ND
Naphthalene	91-20-3	ug/kg	167	ND
2-Nitroaniline	98-74-4	ug/kg	1670	ND
2-Nitroaniline	99-00-2	ug/kg	1670	ND
4-Nitroaniline	100-31-08	ug/kg	1670	ND
n-Nitroso-2-n-propylamine	68-26-3	ug/kg	167	ND
2-Nitrophenol	53-75-0	ug/kg	167	ND
4-Nitrophenol	100-02-7	ug/kg	167	ND
n-Nitrosodimethylamine	62-64-7	ug/kg	167	ND
n-Nitrosodimethylamine	52-76-9	ug/kg	167	ND
Penicill/terphenol	68-50-6	ug/kg	167	ND
Phenanthrene	87-86-8	ug/kg	334	ND
Phenol	108-95-2	ug/kg	167	ND
Pyrene	129-00-0	ug/kg	167	ND
1,2,4-Trichlorobenzene	120-82-1	ug/kg	167	ND
2,4,6-Trichlorophenol	95-96-4	ug/kg	334	ND
2,4,8-Trichlorophenol	88-00-2	ug/kg	167	ND

This laboratory analysis has been performed in accordance with generally accepted laboratory practices and requirements of the New York State Department of Health ELAP Program. Buck Environmental Laboratories, Inc. makes no recommendations, representations or warranties other than as specifically set forth in this report and shall not be responsible or liable for any action or the consequences of any action taken in connection with this report.

(ND =&gt; not detected above DL indicated)

(NEG =&gt; not detected)

(DL =&gt; detection limit)

John H. Buck, P.E.  
Laboratory Director EI AP ID 10795

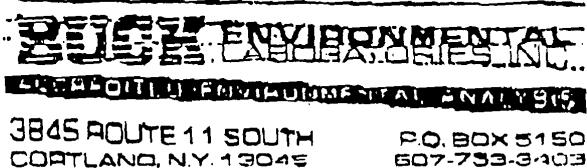
SENT BY:

8-3-98 11:41AM : HUNTON AND WILLIAMS

815 449 4111:#44

JULY 2007 ENVIRONMENTAL LABS : JUN 20 2007 00:00:00-5

P.C.E



Laboratory Report  
Lab Log No: 9806448

Client: DPRA ENVIRONMENTAL  
FIRST NATIONAL BANK BUILDING  
332 MINNESOTA ST, SUITE E-1500  
ST. PAUL MN 55101-

Report Date: 07/16/98  
Sampling Date: 06/29/98  
Sampled By: R. HEIMBACH  
Date Received: 06/30/98

Site: SMC - 13 BROAD STREET

Sample ID: SOIL - SP-1 (3.5-5.5')

ANALYTE	METHOD	ANALYZED	BY	UNITS	DL	RESULTS
Arsenic, total	200.7/6010	07/06/98	JLR	ug/g	1	12.1
Barium, total	200.7/6010	07/06/98	JLR	ug/g	1	29.5
Cadmium, total	200.7/6010	07/06/98	JLR	ug/g	0.1	2.27
Chromium, total	200.7/6010	07/06/98	JLR	ug/g	1	13.4
Digest	3050	07/02/98	LN	DATE	0	complete
Lead, total	200.7/6010	07/06/98	JLR	ug/g	1	9.87
Mercury, total	245.1/7471	07/07/98	JLR	ug/g	0.08	ND
Selenium, total	200.7/6010	07/06/98	JLR	ug/g	0.4	ND
Silver, total	200.7/6010	07/06/98	JLR	ug/g	0.4	ND

This laboratory analysis has been performed in accordance with generally accepted laboratory practices and requirements of the New York State Department of Health ELAP Program. Buck Environmental Laboratories, Inc. making no recommendations, representations or warranties other than as specifically set forth in this report and shall not be responsible or liable for any action or the consequences of any action taken in connection with this report.

(ND => not detected above DL indicated)  
(DL => detection limit)  
(mg/L => ppm in water)  
(ug/g => ppm in solid)

John H. Buck, P.E.  
Laboratory Director  
ELAP ID: 10795

SENT BY:

FAX AND E-MAIL

8-3-98 :11:35AM : HUNTON AND WILLIAMS-  
THE ENVIRONMENTAL LABS FAX (315) 449-4111

315 449 4111:#24

100

**BUCK ENVIRONMENTAL**  
LABORATORIES INC.

3845 ROUTE 11 SOUTH, P.O. BOX 5150  
CORTLAND, N.Y. 13045 607-753-3400

Report Date: 07/27/98  
Lab Log Number: 9806448

**LABORATORY REPORT**

Client: DPRA Environmental  
First National Bank Building  
332 Minnesota St., Suite E-1500  
St. Paul, MN 55101

Site: SMC • 13 Broad Street

Sample Date: 06/29/98 by R. Heimbach

Samples: Soils

Method: Flame Ionization Detector, and/or GC/MS  
Adapted from NYSDOH 310-13 methodology

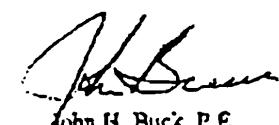
**TOTAL PETROLEUM HYDROCARBON**  
**QUANTITATION**

SP-1 (3.5-5.5')	19,500 ug/Kg as Lubrication Oil
SP-1 (9.5-11.5')	82,600 ug/Kg as Lubrication Oil
SP-2 (2.4')	1,270,000 ug/Kg as Lubrication Oil
SP-3 (2.4')	153,000 ug/Kg as Lubrication Oil
SP-4 (0.5-2.5')	ND < 170 ug/Kg

**PRODUCT CHARACTERIZATION**

The compounds and peak pattern present in samples SP-1, SP-2 and SP-3, are consistent with a lubrication oil product.

This analysis is certified as conforming to generally accepted laboratory practices and requirements of the New York State Health Department ELAP program.

  
John H. Buck, P.E.  
Laboratory Director  
NYS ELAP CERT 10795

SENT BY:

8-3-98 :11:36AM : HUNTON AND WILLIAMS→  
BUCK ENVIRONMENTAL INC. : Call No. 407951445

315 449 4111:#28


**BUCK ENVIRONMENTAL  
LABORATORIES INC.**

 3845 ROUTE 11 SOUTH,  
 CORTLAND, N.Y. 13045

 P.O. BOX 5150  
 607-753-3403

**Laboratory Report  
Lab Log No: 9806448**

Client: DPRA ENVIRONMENTAL  
 FIRST NATIONAL BANK BUILDING  
 332 MINNESOTA ST, SUITE E-1500  
 ST. PAUL MN 55101-  
 Site: SMC - 13 BROAD STREET

Report Date: 07/16/98  
 Sampling Date: 06/29/98  
 Sampled By: R. HEIMBACH  
 Date Received: 08/30/98  
 Analyzed By: PAI  
 Analyzed: 07/07/98

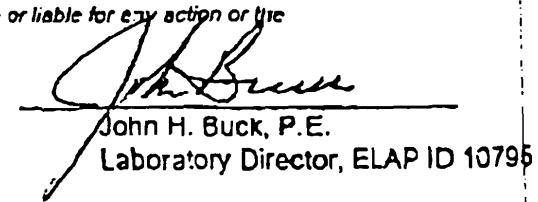
Sample ID: SOIL - SP-1 (3.5-5.5)

## VOLATILES BY EPA 8240

ANALYTE	CAS #	UNITS	DL	RESULTS
Acetone	67-64-1	ug/L	100	ND
Benzene	71-43-2	ug/L	5	ND
Bromodichloromethane	75-27-4	ug/L	5	ND
Bromoform	75-25-2	ug/L	5	ND
Bromoethane	74-83-8	ug/L	10	ND
Carbon Disulfide	75-15-0	ug/L	100	ND
Carbon Tetrachloride	55-23-5	ug/L	5	ND
Chlorobenzene	108-90-7	ug/L	5	ND
Chloroethane	75-02-3	ug/L	10	ND
2-Chloroethylbenzene/other	110-72-8	ug/L	5	ND
Chloroform	67-00-3	ug/L	5	ND
Chlorotoluene	74-87-3	ug/L	10	ND
Dibromochloromethane	124-48-1	ug/L	5	ND
1,2-Dichloroethane	95-50-1	ug/L	5	ND
1,3-Dichloroethane	541-73-1	ug/L	5	ND
1,4-Dichlorobenzene	106-46-7	ug/L	5	ND
Dichlorodifluoromethane	75-71-8	ug/L	5	ND
1,1-Dichloroethane	75-34-3	ug/L	5	ND
1,2-Dichloroethene	107-08-2	ug/L	5	ND
1,1-Dichloroethene	76-35-4	ug/L	5	ND
dis-1,2-Dichloroethylene	156-59-2	ug/L	5	ND
trans-1,2-Dichloroethylene	156-60-5	ug/L	5	ND
1,1-Dichloropropane	78-87-3	ug/L	5	ND
dis-1,3-Dichloropropene	10081-01-5	ug/L	5	ND
trans-1,3-Dichloropropene	10081-02-6	ug/L	5	ND
Ethylbenzene	100-41-1	ug/L	5	ND
Hexane	591-78-6	ug/L	50	ND
Methyl Ethyl Ketone	78-05-3	ug/L	100	ND
4-Methyl-2-Pentanone	108-10-1	ug/L	50	ND
Methylcyclohexane	75-09-2	ug/L	5	ND
Syrene	100-42-6	ug/L	5	ND
1,1,2-Tetrachloroethane	70-34-5	ug/L	5	ND
Tetrachloroethene	127-18-4	ug/L	5	ND
Toluene	108-88-3	ug/L	5	ND
1,1,1-Trichloroethane	71-55-6	ug/L	5	ND
1,1,2-Trichloroethane	79-00-6	ug/L	5	ND
Trichloroethene	79-01-4	ug/L	5	ND
Trichloro-fluoro-methane	75-69-4	ug/L	5	ND
Vinyl Acetate	103-05-1	ug/L	10	ND
Vinyl Chloride	75-01-1	ug/L	10	ND
xy area(m. 2.8p)	1330-20-7	ug/L	5	ND

This laboratory analysis has been performed in accordance with generally accepted laboratory practices and requirements of the New York State Department of Health ELAP Program. Buck Environmental Laboratories, Inc. makes no recommendations, representations or warranties other than as specifically set forth in this report and shall not be responsible or liable for any action or the consequences of any action taken in connection with this report.

(NU => not detected above DL indicated)  
 (NEG => not detected)  
 (DL => detection limit)  
 (ug/L => ppb in water)  
 (ug/kg => ppb solid)


 John H. Buck, P.E.  
 Laboratory Director, ELAP ID 10795

**BUCK ENVIRONMENTAL**

LABORATORIES INC.

AN INTEGRATED ENVIRONMENTAL ANALYST

3645 ROUTE 11 SOUTH, P.O. BOX 5150  
CORTLAND, N.Y. 13045 BC7.753-3403

Client: DPPA ENVIRONMENTAL  
FIRST NATIONAL BANK BUILDING  
332 MINNESOTA ST, SUITE E-1500  
ST. PAUL MN 55101-  
Site: SMC - 13 BROAD STREET

**Laboratory Report**  
**Lab Log No: 9806448**

Report Date: 07/27/98  
Sampling Date: 06/29/98  
Sampled By: R. HEIMBACH  
Date Received: 06/30/98  
Analyzed By: PAI  
Analyzed: 07/15/98

Sample ID: SOIL - SP-1 (9.5-11.5')

SEMI-VOLATILES BY 8270

ANALYTE	CAS #	UNITS	DL	RESULTS
Aceanaphthalene	33-32-9	ug/kg	835	ND
Acenaphthylene	203-26-8	ug/kg	835	ND
Anthracene	120-12-7	ug/kg	835	ND
Benz(a)anthracene	56-53-3	ug/kg	1670	ND
Benz(a)pyrene	50-32-6	ug/kg	835	ND
Benz(b)fluoranthene	205-99-2	ug/kg	835	ND
Benz(b)phenanthrene	191-24-2	ug/kg	835	ND
Benz(k)fluoranthene	207-08-9	ug/kg	835	ND
Benzothiophene	93-05-0	ug/kg	8350	ND
Benzyl Alcohol	100-51-6	ug/kg	3340	ND
Benzyl butyl phthalate	85-98-7	ug/kg	975	ND
Bis(2-chloroethyl)methane	111-81-1	ug/kg	1670	ND
Bis(2-chloroethyl)ether	111-44-4	ug/kg	1670	ND
Bis(2-chloroethyl)ether	108-83-1	ug/kg	1670	ND
Bis(2-ethylhexyl)phthalate	117-81-7	ug/kg	835	8020 8.02
4-Bromophenyl ether	131-55-3	ug/kg	835	ND
4-Chloro-3-methylbenzene	59-50-7	ug/kg	835	ND
p-Chloronitrobenzene	105-47-6	ug/kg	3340	ND
2-Chlorophenol	91-63-7	ug/kg	835	ND
2-Chlorophenone	92-67-8	ug/kg	835	ND
4-Chlorophenyl phenyl ether	7003-72-3	ug/kg	835	ND
Cyclopane	216-01-9	ug/kg	835	ND
Dimethyl phthalate	56-74-2	ug/kg	835	ND
Dimethyl phthalate	117-64-0	ug/kg	835	1050 1.05
Dibenzo(a,h)anthracene	53-70-3	ug/kg	835	ND
Dibenzofuran	132-64-9	ug/kg	1670	ND
1,2-Dichlorobenzene	65-50-1	ug/kg	835	ND
1,3-Dichlorobenzene	541-73-1	ug/kg	835	ND
1,4-Dichlorobenzene	136-48-7	ug/kg	835	ND
1,3-Dichlorobenzene	111-84-1	ug/kg	3340	ND
2,4-Dichlorophenol	120-53-2	ug/kg	835	ND
Dimethyl phthalate	84-66-2	ug/kg	835	ND
Diethyl phthalate	131-11-3	ug/kg	835	ND
2,4-Dimethylphenol	126-87-8	ug/kg	835	ND
4,6-Dinitro-2-methylphenol	634-52-1	ug/kg	4175	ND
2,4-Dinitrophenol	51-29-5	ug/kg	8350	ND
2,4-Dinitrotoluene	121-14-2	ug/kg	1670	ND
2,5-Dinitrotoluene	550-29-2	ug/kg	835	ND
Fluoranthene	203-44-0	ug/kg	835	ND
Fluorene	96-73-7	ug/kg	835	ND
Hexachlorobenzene	116-14-1	ug/kg	835	ND
Hexachlorobutadiene	87-69-3	ug/kg	835	ND
Hexachlorocyclopentadiene	77-47-4	ug/kg	835	ND
Heptachlorobutene	87-72-1	ug/kg	835	ND
Indeno[1,2,3-c]pyrene	163-09-5	ug/kg	835	ND
Methane	73-59-1	ug/kg	835	ND
2-Methylacrylene	91-57-6	ug/kg	1670	ND
2-Methylphenol	92-18-7	ug/kg	1670	ND
4-Methylphenol	106-44-2	ug/kg	1670	ND
Naphthalene	81-03-3	ug/kg	835	ND
2-Nitroaniline	159-74-4	ug/kg	8350	ND
3-Nitroaniline	99-09-2	ug/kg	2350	ND
4-Nitroaniline	100-01-0	ug/kg	8350	ND
Nitrobenzene	98-95-3	ug/kg	835	ND
2-Nitrophenol	88-73-2	ug/kg	835	ND
4-Nitrophenol	106-02-7	ug/kg	835	ND
N-Nitrosodimethylamine	621-64-7	ug/kg	835	ND
N,N-Dimethylformamide	62-73-2	ug/kg	835	ND
N-Nitrosodimethylamine	86-30-6	ug/kg	835	ND
Pentachlorophenol	67-03-5	ug/kg	835	ND
Phenanthrene	95-01-8	ug/kg	1670	ND
Phenol	108-96-2	ug/kg	835	ND
Pyrene	129-00-0	ug/kg	835	ND
1,2,4-Trichlorobenzene	130-82-1	ug/kg	825	ND
2,4,5-Trichlorophenol	93-92-4	ug/kg	1670	ND
2,4,6-Trichlorophenol	138-06-2	ug/kg	835	ND

This laboratory analysis has been performed in accordance with generally accepted laboratory practices and requirements of the New York State Department of Health ELAP Program. Buck Environmental Laboratories, Inc. makes no recommendations, representations or warranties other than as specifically set forth in this report and shall not be responsible or liable for any action or the consequences of any action taken in connection with this report.

(ND =&gt; not detected above DL indicated)

(NEG =&gt; not detected)

(DL =&gt; detection limit)

  
John H. Buck, P.E.  
Laboratory Director ELAP ID 10795

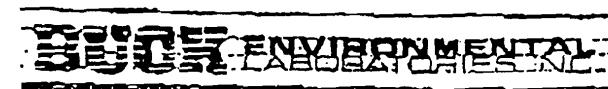
SENT BY:

8-3-98 11:42AM : HUNTON AND WILLIAMS+

315 449 4111:#45

BUCK ENVIRONMENTAL LABS Tak ... SURVEYOR

P.C.

3848 ROUTE 11 SOUTH.  
CORTLAND, N.Y. 13045P.O. BOX 5150  
507-753-3403

## Laboratory Report

Lab Log No: 9806448

Client: DPRA ENVIRONMENTAL  
 FIRST NATIONAL BANK BUILDING  
 332 MINNESOTA ST, SUITE E-1500  
 ST. PAUL MN 55101-  
 Site: SMC - 13 BROAD STREET

Report Date: 07/16/98  
 Sampling Date: 06/29/98  
 Sampled By: R. HEIMBACH  
 Date Received: 06/30/98

Sample ID: SOIL - SP-1 (9.5-11.5')

ANALYTE	METHOD	ANALYZED	BY	UNITS	DL	RESULTS
Arsenic, total	200.7/6010	07/06/98	JLR	ug/g	1	15.3
Barium, total	200.7/6010	07/06/98	JLR	ug/g	1	61.4
Cadmium, total	200.7/6010	07/06/98	JLR	ug/g	0.1	7.12
Chromium, total	200.7/6010	07/06/98	JLR	ug/g	1	37.9
Digest	3050	07/02/98	LN	DATE	0	complete
Lead, total	200.7/6010	07/06/98	JLR	ug/g	1	18.5
Mercury, total	245.1/7471	07/07/98	JLR	ug/g	0.07	ND
Selenium, total	200.7/6010	07/06/98	JLR	ug/g	0.4	ND
Silver, total	200.7/6010	07/06/98	JLR	ug/g	0.5	ND

This laboratory analysis has been performed in accordance with generally accepted laboratory practices and requirements of the New York State Department of Health ELAP Program. Buck Environmental Laboratories, Inc. makes no recommendations, representations or warranties other than as specifically set forth in this report and shall not be responsible or liable for any action or the consequences of any action taken in connection with this report.

(ND => not detected above DL indicated)  
 (DL => detection limit)  
 (mg/L => ppm in water)  
 (ug/g => ppm in solid)

John H. Buck, P.E.  
 Laboratory Director  
 ELAP ID: 10795

SENT BY:

U.S. POSTAL MAIL

8-3-98 :11:35AM : HUNTON AND WILLIAMS-  
BUCK ENVIRONMENTAL LABS 5000 BROADWAY

315 449 4111:#24

100

# BUCK ENVIRONMENTAL LABORATORIES INC.

3845 ROUTE 11 SOUTH, P.O. BOX 5160  
CORTLAND, N.Y. 13045 507-753-2403

Report Date: 07/27/98  
Lab Leg Number: 9806448

## LABORATORY REPORT

Client: DPRA Environmental  
First National Bank Building  
332 Minnesota St., Suite E-1500  
St. Paul, MN 55101

Site: SMC • 13 Broad Street

Sample Date: 06/29/98 by R. Heimbach

Samples: Soils

Method: Flame Ionization Detector, and/or GC/MS  
Adapted from NYSDOH 310-13 methodology

### TOTAL PETROLEUM HYDROCARBON QUANTITATION

SP-1 (3.5-5.5')	19,500 ug/Kg as Lubrication Oil
SP-1 (9.5-11.5')	82,600 ug/Kg as Lubrication Oil
SP-2 (2-4')	1,270,000 ug/Kg as Lubrication Oil
SP-3 (2-4')	153,000 ug/Kg as Lubrication Oil
SP-4 (0.5-2.5')	ND < 170 ug/Kg

### PRODUCT CHARACTERIZATION

The compounds and peak pattern present in samples SP-1, SP-2 and SP-3, are consistent with a lubrication oil product.

This analysis is certified as conforming to generally accepted laboratory practices and requirements of the New York State Health Department ELAP program.

  
John H. Buck, P.E.  
Laboratory Director  
NYS ELAP CERT 10795

SENT BY:

8- 3-98 :11:36AM : HUNTON AND WILLIAMS→

315 449 4111:#29

DUKE ENVIRONMENTAL LABS

FAX: 607-753-3103

211

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**BUCK ENVIRONMENTAL LABORATORIES INC.**

COLLECTED AND ANALYZED IN NEW YORK

3845 ROUTE 11 SOUTH  
CORTLAND, N.Y. 13045 P.O. BOX 5150  
807-753-3103**Laboratory Report**  
**Lab Log No: 9806448**

Client: DPRA ENVIRONMENTAL  
 FIRST NATIONAL BANK BUILDING  
 332 MINNESOTA ST, SUITE E-1500  
 ST. PAUL MN 55101-

Site: SMC - 13 BROAD STREET

Report Date: 07/16/98  
 Sampling Date: 06/29/98  
 Sampled By: R. HEIMBACH  
 Date Received: 06/30/98  
 Analyzed By: PAI  
 Analyzed: 07/08/98

Sample ID: SOIL - SP-1 (9.6-11.5')

**VOLATILES BY EPA 8240**

ANALYTE	CAS #	UNITS	DL	RESULTS
Acetone	67-64-1	ug/kg	100	ND
Benzene	78-01-2	ug/kg	5	ND
Bromoacetonethane	75-27-1	ug/kg	5	ND
Ethanol	75-21-2	ug/kg	5	ND
Ethyl acetate	76-23-8	ug/kg	10	ND
Carbon disulfide	75-15-0	ug/kg	100	ND
Carbon tetrachloride	56-23-5	ug/kg	5	ND
Chlorobenzene	108-80-7	ug/kg	10	ND
Chloroethane	73-02-3	ug/kg	10	ND
2-Chloromethyl ether	110-75-0	ug/kg	5	ND
Chloroform	67-66-1	ug/kg	5	ND
Dimethylsulfide	74-87-3	ug/kg	10	ND
Isobutane	21-68-1	ug/kg	5	ND
1,2-Dichloropropane	56-50-1	ug/kg	5	ND
1,3-Dichloropropane	51-17-1	ug/kg	5	ND
1,4-Dichlorobenzene	126-48-7	ug/kg	5	ND
Dichlorodifluoromethane	75-71-8	ug/kg	5	ND
1,1-Dichloroethane	75-34-3	ug/kg	5	ND
1,2-Dichloroethane	57-68-2	ug/kg	5	ND
1,1-Dichloroethene	76-35-4	ug/kg	5	ND
cis-1,2-Dichloroethene	155-49-3	ug/kg	5	ND
trans-1,2-Dichloroethene	75-60-3	ug/kg	5	ND
1,2-Dichloroethane	78-37-5	ug/kg	5	ND
cis-1,3-Dichloroethene	1061-01-5	ug/kg	5	ND
trans-1,3-Dichloroethene	10261-02-6	ug/kg	5	ND
Ethylbenzene	100-41-1	ug/kg	50	ND
Heptane	591-71-5	ug/kg	50	ND
Methyl sulphydryl acetone	78-33-3	ug/kg	100	ND
4-Methyl-2-Pentanone	108-10-1	ug/kg	50	ND
Methylene Chloride	75-09-2	ug/kg	50	ND
Solvent	102-42-6	ug/kg	50	ND
1,1,2-Tri chloroethane	70-84-5	ug/kg	50	ND
Tetrahydrocannabinol	27-18-4	ug/kg	50	ND
Toluene	108-88-3	ug/kg	50	ND
1,1,1-Trichloroethane	71-45-8	ug/kg	50	ND
1,1,2-Trichloroethane	79-00-5	ug/kg	50	ND
Trichloroethane	79-01-6	ug/kg	50	ND
Trichloroethylene	75-69-4	ug/kg	50	ND
Vinyl Acetate	108-05-4	ug/kg	50	ND
Vinyl chloride	75-01-4	ug/kg	50	ND
z,lonot (n,3 80)	1350-22-7	ug/kg	50	ND

This laboratory analysis has been performed in accordance with generally accepted laboratory practices and requirements of the New York State Department of Health ELAP Program. Buck Environmental Laboratories, Inc makes no recommendations, representations or warranties other than as specifically set forth in this report and shall not be responsible or liable for any action or the consequences of any action taken in connection with this report.

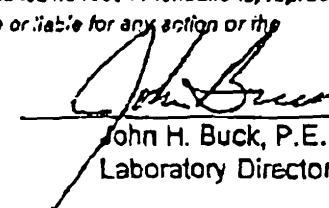
(ND =&gt; not detected above DL indicated)

(NEG =&gt; not detected)

(DL =&gt; detection limit)

(ug/L =&gt; ppb in water)

(ug/kg =&gt; ppt solid)



John H. Buck, P.E.  
 Laboratory Director, ELAP ID 10795

SENT BY:

8- 3-98 :11:39AM : HUNTON AND WILLIAMS→

315 449 4111:#38

HUNTON AND WILLIAMS

111A EAST BROADWAY ALBANY NY 12207-3254 E

E 20

**BUCK ENVIRONMENTAL  
LABORATORIES INC.**

3945 ROUTE 11 SOUTH,  
CORTLAND, NY 13043 P.O. BOX 5150  
607-793-3403

Client: DPR ENVIRONMENTAL  
FIRST NATIONAL BANK BUILDING  
332 MINNESOTA ST, SUITE E-1500  
ST. PAUL MN 55101-  
Site: SMC - 13 BROAD STREET

Laboratory Report  
Lab Log No: 9806448

Report Date: 07/27/98  
Sampling Date: 06/29/98  
Sampled By: R. HEIMBACH  
Date Received: 06/30/98  
Analyzed By: FAI  
Analyzed: 07/14/98

Sample ID: SOIL - SP-2 (2-4)

SEMI-VOLATILES BY 8270

ANALYTE	CAS #	UNITS	DL	RESULTS
Acamptothole	63-53-9	ug/g	0.95	ND
Acamptotholone	208-96-6	ug/g	0.53	ND
Acetanilide	10-12-7	ug/g	0.35	ND
Benzylbenzene	56-55-3	ug/g	1.70	ND
Benzylbenzene	50-23-8	ug/g	0.35	ND
Benzylbenzene	205-39-2	ug/g	0.35	ND
Benzylbenzene	191-24-2	ug/g	0.35	ND
Benzylbenzene	207-38-5	ug/g	0.35	ND
Benzylbenzene	55-66-0	ug/g	0.70	ND
Benzyl, Methyl	100-51-6	ug/g	0.49	ND
Benzyl, p-Methoxy	63-38-7	ug/g	0.55	ND
Bis(2-chloroethyl) Ether	151-91-1	ug/g	0.70	ND
Bis(2-chloroethyl) Ether	111-44-4	ug/g	1.60	ND
Bis(2-chloroethyl) Ether	108-60-1	ug/g	1.60	ND
Bis(2-chloroethyl) Ether	117-81-7	ug/g	0.35	ND
4-Chlorophenyl Ether	101-55-3	ug/g	0.35	ND
4-Chlorophenyl Phenol	99-35-7	ug/g	0.35	ND
1-Chlorobutane	106-47-8	ug/g	0.40	ND
2-Chlorophenol	91-58-7	ug/g	0.25	ND
2-Chloropropane	95-37-2	ug/g	0.35	ND
4-Chlorostyrene, Phenoxy Ether	7006-72-3	ug/g	0.35	ND
Chlorine	214-01-9	ug/g	0.35	ND
Dibutyl phthalate	84-74-2	ug/g	0.35	ND
Diphenyl Phthalate	117-64-0	ug/g	0.25	ND
Diisopropylbenzene	50-70-0	ug/g	0.25	ND
Dioxaduran	132-64-9	ug/g	1.60	ND
1,4-Dichlorobenzene	95-50-1	ug/g	0.35	ND
1,3-Dichlorobenzene	541-73-1	ug/g	0.35	ND
1,4-Dichlorobenzene	108-15-7	ug/g	0.35	ND
1,3-Dichlorobenzene	91-01-1	ug/g	0.35	ND
2,4-Dichlorophenol	121-42-2	ug/g	0.35	ND
Diphenyl Phenoxy	64-68-2	ug/g	0.25	ND
Dimethylbenzene	131-11-5	ug/g	0.35	ND
2,4-Dimethylchloride	65-67-0	ug/g	0.25	ND
4,6-Dinitro-2-methylphenol	24-57-1	ug/g	0.10	ND
2,4-Dinitrophenol	51-24-5	ug/g	0.25	ND
2,4-Dinitrophenol	121-14-2	ug/g	1.60	ND
2,6-Dinitrotoluene	500-22-2	ug/g	0.35	ND
Fluoranthene	208-41-0	ug/g	0.35	ND
Fluorene	68-73-7	ug/g	0.25	ND
Methoxybenzene	118-74-1	ug/g	0.25	ND
Methyl benzoate	57-88-3	ug/g	0.35	ND
Methyl chloroformate	77-47-4	ug/g	0.25	ND
Methyl chloride	67-72-1	ug/g	0.35	ND
1-Naphthol, 2,3-dihydro	193-39-5	ug/g	0.35	ND
1-Naphthol	78-49-1	ug/g	0.35	ND
2-Methylpropionane	91-67-8	ug/g	1.60	ND
Siloxane, 1,3,11,11-tetrakis	95-45-7	ug/g	1.70	ND
4-Methylbenzene	102-44-3	ug/g	0.35	ND
Naphthalene	81-20-3	ug/g	0.35	ND
2-Nitroaniline	83-74-4	ug/g	0.25	ND
3-Nitroaniline	75-29-7	ug/g	0.35	ND
4-Nitroaniline	100-01-08	ug/g	0.35	ND
Nitrobenzene	53-65-3	ug/g	0.25	ND
2-Nitrobenzene	68-75-5	ug/g	0.35	ND
4-Nitrobenzene	133-02-7	ug/g	0.45	ND
n-Nitroso-n-propylamine	821-44-7	ug/g	0.35	ND
n-Nitrosodimethylamine	52-76-9	ug/g	0.35	ND
n-Nitrosodiphenylamine	95-50-6	ug/g	0.35	ND
o-Nitroaniline	67-02-3	ug/g	1.35	ND
Phenanthrene	85-01-4	ug/g	1.60	ND
Phenol	109-95-2	ug/g	0.25	ND
Pyrene	128-00-0	ug/g	0.25	ND
1,2,4-Trichlorobenzene	123-42-1	ug/g	0.35	ND
2,4,5-Trichlorophenol	95-65-1	ug/g	1.60	ND
3,4,6-Trichlorophenol	59-06-4	ug/g	0.35	ND

This laboratory analysis has been performed in accordance with generally accepted laboratory practices and requirements of the New York State Department of Health's ELAP Program. Buck Environmental Laboratories, Inc. makes no recommendations, representations or warranties other than as specifically set forth in this report and shall not be responsible or liable for any action or consequence of any action taken in connection with this report.

(ND =&gt; not detected above DL indicated)

(NEG =&gt; not detected)

(DL =&gt; detection limit)

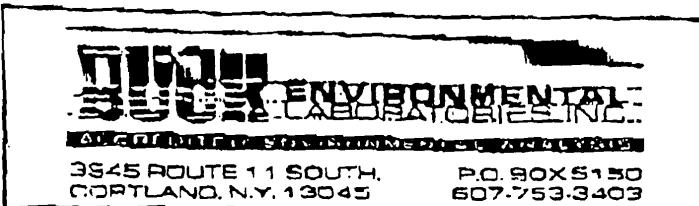

 John H. Buck, P.E.

Laboratory Director ELAP ID 10705

SENT BY:

8-3-98 11:42AM : HUNTON AND WILLIAMS  
EPA ENVIRONMENTAL LABS FAX NO: 607-753-3416

315 449 4111:#46



## Laboratory Report

Lab Log No: 9806448

Client: DPRA ENVIRONMENTAL  
FIRST NATIONAL BANK BUILDING  
332 MINNESOTA ST, SUITE E-1500  
ST. PAUL MN 55101-

Report Date: 07/16/98  
Sampling Date: 06/29/98  
Sampled By: R. HEIMBACH  
Date Received: 06/30/98

Site: SMC - 13 BROAD STREET

Sample ID: SOIL - SP-2 (2-4')

ANALYTE	METHOD	ANALYZED	BY	UNITS	DL	RESULTS
Arsenic, total	200.7/6010	07/06/98	JLR	ug/g	1	12.8
Barium, total	200.7/6010	07/06/98	JLR	ug/g	1	99.2
Cadmium, total	200.7/6010	07/06/98	JLR	ug/g	0.1	3.3
Chromium, total	200.7/6010	07/06/98	JLR	ug/g	1	17.4
Digest	3050	07/02/98	LN	DATE	0	complete
Lead, total	200.7/6010	07/06/98	JLR	ug/g	1	17.8
Mercury, total	245.1/7471	07/07/98	JLR	ug/g	0.08	ND
Selenium, total	200.7/6010	07/06/98	JLR	ug/g	0.4	ND
Silver, total	200.7/6010	07/06/98	JLR	ug/g	0.5	ND

This laboratory analysis has been performed in accordance with generally accepted laboratory practices and requirements of the New York State Department of Health ELAP Program. Buck Environmental Laboratories, Inc. makes no recommendations, representations or warranties other than as specifically set forth in this report and shall not be responsible or liable for any action or the consequences of any action taken in connection with this report.

(ND => not detected above DL indicated)  
(DL => detection limit)  
(mg/L => ppm in water)  
(ug/g => ppm in solid)

John H. Buck, P.E.  
Laboratory Director  
ELAP ID: 10795

SENT BY:  
U.S. MAIL

8-3-98 :11:35AM : HUNTON AND WILLIAMS-  
THE ENVIRONMENTAL LAB : FAX TO BUCKINC

315 449 4111:#24

# BUCK ENVIRONMENTAL LABORATORIES, INC.

3845 ROUTE 11 SOUTH, P.O. BOX 5160  
CORTLAND, NY 13045 607-753-3400

Report Date: 07/27/98  
Lab Log Number: 9806448

## LABORATORY REPORT

Client: DPRA Environmental  
First National Bank Building  
332 Minnesota St., Suite E-1500  
St. Paul, MN 55101

Site: SMC - 13 Broad Street

Sample Date: 06/29/98 by R. Heimbach

Samples: Soils

Method: Flame Ionization Detector, and/or GC/MS  
Adapted from NYSDOH 310-13 methodology

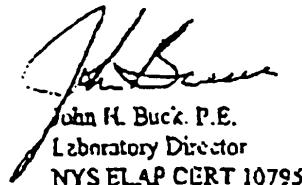
### TOTAL PETROLEUM HYDROCARBON QUANTITATION

SP-1 (3.5-5.5')	19,500 ug/Kg as Lubrication Oil
SP-1 (9.5-11.5')	82,600 ug/Kg as Lubrication Oil
SP-2 (2.4')	1,270,000 ug/Kg as Lubrication Oil
SP-3 (2.4')	153,000 ug/Kg as Lubrication Oil
SP-4 (0.5-2.5')	ND < 170 ug/Kg

### PRODUCT CHARACTERIZATION

The compounds and peak pattern present in samples SP-1, SP-2 and SP-3, are consistent with a lubrication oil product.

This analysis is certified as conforming to generally accepted laboratory practices and requirements of the New York State Health Department ELAP program.



John H. Buck, P.E.  
Laboratory Director  
NYS ELAP CERT 10795

SENT BY:

8- 3-98 :11:37AM : HUNTON AND WILLIAMS→

315 449 4111:#30

U.S. ENVIRONMENTAL LABS

FAX NO. 617-863-2448

315

**BUCK ENVIRONMENTAL  
LABORATORIES INC.**

3845 ROUTE 11 SOUTH,  
CORTLAND, N.Y. 13045      P.O. BOX 5150  
607-753-3402

Client: DPRA ENVIRONMENTAL  
FIRST NATIONAL BANK BUILDING  
332 MINNESOTA ST, SUITE E-1500  
ST. PAUL MN 55101-  
Site: SMC - 13 BROAD STREET

# Laboratory Report

Lab Log No: 9806448

Report Date: 07/16/98  
Sampling Date: 06/29/98  
Sampled By: R. HEIMBACH  
Date Received: 08/30/98  
Analyzed By: PAI  
Analyzed: 07/08/98

Sample ID: SOIL - SP-2 (2-4')

## VOLATILES BY EPA 8240

ANALYTE	CAS #	UNITS	DL	RESULTS
Acetone	67-64-1	ug/kg	100	ND
Butane	71-23-2	ug/kg	5	ND
Dimethyl-ketene	75-27-4	ug/kg	5	ND
Ethylformate	75-25-1	ug/kg	5	ND
Bromomethane	74-83-8	ug/kg	10	ND
Carbon disulfide	75-15-0	ug/kg	100	ND
Carbon tetrachloride	56-23-5	ug/kg	5	ND
Chloroacetone	106-80-7	ug/kg	5	ND
Chlorobutane	73-00-3	ug/kg	10	ND
2-Chloroethoxyethanol	110-75-8	ug/kg	5	ND
Chloroform	67-66-3	ug/kg	5	ND
Chloromethane	74-87-3	ug/kg	10	ND
Dibromo-chloromethane	124-28-1	ug/kg	5	ND
1,2-Dichloroethane	95-50-1	ug/kg	5	ND
1,3-Dichlorobenzene	541-73-1	ug/kg	5	ND
1,4-Dichlorobenzene	126-46-7	ug/kg	5	ND
Dichlorodifluoromethane	75-21-4	ug/kg	5	ND
1,1-Dichloroethane	75-34-3	ug/kg	5	ND
1,2-Dichloroethane	107-06-2	ug/kg	5	ND
1,1-Dichloroethene	73-35-4	ug/kg	5	ND
1,1,2,2-Dichloroethene	158-59-2	ug/kg	5	ND
trans-1,2-Dichloroethene	155-60-3	ug/kg	5	ND
1,2-Dichloropropane	78-07-5	ug/kg	5	ND
cis-1,3-Dichloropropene	10061-41-5	ug/kg	5	ND
trans-1,3-Dichloropropene	10061-02-3	ug/kg	5	ND
Ethylbenzene	100-41-1	ug/kg	5	ND
Hexane	591-78-2	ug/kg	50	ND
Methyl ethyl ketone	78-07-3	ug/kg	100	ND
2-Methyl-2-Pentanone	108-01-1	ug/kg	50	ND
Methylene Chloride	75-09-2	ug/kg	5	ND
Symene	100-42-5	ug/kg	5	ND
1,1,2,2-Tetrachloroethane	79-34-5	ug/kg	5	ND
Tetrachloroethene	127-18-4	ug/kg	5	ND
Toluene	108-05-2	ug/kg	5	ND
1,1,1-Trifluoroethane	71-55-4	ug/kg	5	ND
1,1,2-Trifluoroethane	79-03-5	ug/kg	5	ND
Trifluoroethene	78-01-6	ug/kg	5	ND
Trichlorofluoromethane	75-69-4	ug/kg	5	ND
Vinyl chloride	108-05-4	ug/kg	50	ND
Vinyl chloride	75-01-4	ug/kg	10	ND
Xylenes (m, p, o)	112-00-7	ug/kg	5	ND

This laboratory analysis has been performed in accordance with generally accepted laboratory practices and requirements of the New York State Department of Health ELAP Program. Buck Environmental Laboratories, Inc. makes no recommendations, representations or warranties other than as specifically set forth in this report and shall not be responsible or liable for any action or the consequences of any action taken in connection with this report.

(NU =&gt; not detected above DL indicated)

(NEG =&gt; not detected)

(DL =&gt; detection limit)

(ug/L =&gt; ppb in water)

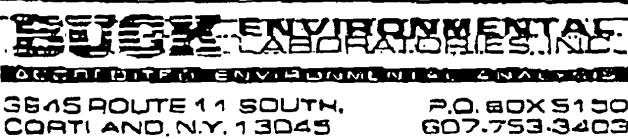
(ug/kg =&gt; ppb solid)

John H. Buck, P.E.  
Laboratory Director, ELAP ID 10795

AUG. 11, 1998 11:05AM

BUCK ENVIRONMENTAL LABS

FAX NO 807-6334-5 NO. 3560 P. 15.4



**Laboratory Report**  
**Lab Log No: 9806448**

Client: DPRA ENVIRONMENTAL  
FIRST NATIONAL BANK BUILDING  
332 MINNESOTA ST. SUITE E-1500  
ST. PAUL MN 55101-  
Site: SMC - 13 BROAD STREET

Report Date: 08/05/98  
Sampling Date: 08/29/98  
Sampled By: R. HEIMBACH  
Date Received: 08/30/98  
Analyzed By: JK  
Analyzed: 08/04/98

**Sample ID: SOIL - SP-2 (2-4')**      **PCB IN SOLIDS**

ANALYTE	CAS #	UNITS	DL	RESULTS
Aroclor 1018	12674-11-2	ug/g	0.165	ND
Aroclor 1221	11104-28-2	ug/g	0.165	ND
Aroclor 1232	11141-16-5	ug/g	0.165	ND
Aroclor 1242	53489-21-9	ug/g	0.165	ND
Aroclor 1245	12672-29-6	ug/g	0.165	ND
Aroclor 1254	11097-69-1	ug/g	0.165	ND
Aroclor 1260	11096-62-5	ug/g	0.165	ND

This laboratory analysis has been performed in accordance with generally accepted laboratory practices and requirements of the New York State Department of Health ELAP Program. Buck Environmental Laboratories, Inc. makes no recommendations, representations or warranties other than as specifically set forth in this report and shall not be responsible or liable for any action or the consequences of any action taken in connection with this report.

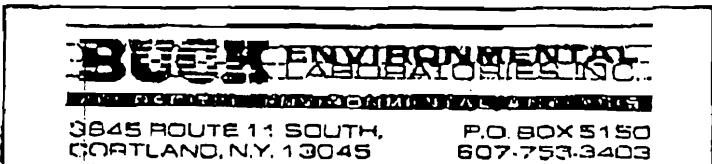
(ND => not detected above DL indicated)  
(NEG => not detected)

John H. Buck, P.E.  
Laboratory Director  
ELAP ID 10795

SENT BY:  
101-17-98 XYL 15 26

8-3-98 11:40AM : HUNTON AND WILLIAMS-  
BUCK ENVIRONMENTAL LABS FAX ID: 30770045

315 449 4111; #39  
3/26



Client: DPRA ENVIRONMENTAL  
FIRST NATIONAL BANK BUILDING  
332 MINNESOTA ST, SUITE E-1500  
ST. PAUL MN 55101-  
Site: SMC - 13 BROAD STREET

Laboratory Report  
Lab Log No: 9806448

Report Date: 07/27/98  
Sampling Date: 06/29/98  
Sampled By: R. HEIMBACH  
Date Received: 06/30/98  
Analyzed By: PAI  
Analyzed: 07/14/98

Sample ID:	SOIL - SP-3 (2-4')	SEMI-VOLATILES BY 8270		
ANALYTE	CAS #	UNITS	DL	RESULTS
Aceanaphthene	63-32-3	ug/kg	167	ND
Aceanaphthalene	203-96-8	ug/kg	167	ND
Anthracene	120-12-7	ug/kg	167	ND
Benzo(a)anthracene	50-35-3	ug/kg	324	ND
Benzo(a)pyrene	50-32-8	ug/kg	167	ND
Benzo(b)fluoranthene	105-99-2	ug/kg	167	ND
Benzofuranone	191-24-2	ug/kg	167	ND
Benzo(k)fluoranthene	307-08-9	ug/kg	167	ND
Benzoic Acid	65-85-0	ug/kg	1670	ND
Benzyl Alcohol	100-51-6	ug/kg	600	ND
Benzyl butyl phthalate	66-49-7	ug/kg	167	ND
Bis(2-chloroethyl)ether	111-91-1	ug/kg	334	ND
Bis(2-chloroethyl)ether	111-44-4	ug/kg	334	ND
Bis(2-chloroethyl)ether	109-80-1	ug/kg	334	ND
Bis(2-methylpropyl)methane	117-61-7	ug/kg	167	ND
4-Biphenylphenyl ether	101-55-3	ug/kg	167	ND
4-Chloro-3-methylbenzal	58-53-7	ug/kg	167	ND
p-Chloraniline	106-47-8	ug/kg	638	ND
2-Chloronaphthalene	91-58-7	ug/kg	167	ND
2-Chlorotanol	95-67-8	ug/kg	167	ND
4-Chlorostyryl phenyl ether	7005-72-3	ug/kg	167	ND
Chrysene	218-01-9	ug/kg	167	ND
D1-n-butyl phthalate	84-74-2	ug/kg	167	ND
D1-n-cadyl phthalate	117-84-0	ug/kg	167	ND
Chloro(a,n)anthracene	53-70-3	ug/kg	167	ND
Dibenzofuran	122-63-8	ug/kg	334	ND
1,2-Dichlorobenzene	95-56-1	ug/kg	167	ND
1,3-Dichlorobenzene	94-17-1	ug/kg	167	ND
1,4-Dichlorobenzene	102-48-7	ug/kg	167	ND
3,3'-Dichlorobenzidine	91-98-1	ug/kg	666	ND
2,4-Dichlorophenol	120-63-2	ug/kg	167	ND
Dimethyl phthalate	84-66-2	ug/kg	167	ND
Dimethyl phthalate	131-11-3	ug/kg	167	ND
2,4-Dimethylphenol	105-67-0	ug/kg	167	ND
4,6-Dinitro-2-methylphenol	534-52-1	ug/kg	838	ND
2,4-Dinitroether	51-52-5	ug/kg	1670	ND
2,4-Dinitrotoluene	121-14-2	ug/kg	334	ND
2,6-Dinitrotoluene	608-26-2	ug/kg	167	ND
p,p'-azobisis	208-44-0	ug/kg	167	ND
p,p'-azobisis	56-73-7	ug/kg	167	ND
p,p'-azobisis	118-74-1	ug/kg	167	ND
Heptachlorobenzene	87-26-3	ug/kg	167	ND
Heptachlorobutadiene	77-47-4	ug/kg	167	ND
Heptachloroethane	67-72-1	ug/kg	167	ND
Indeno[1,2,3- <i>c,d</i> ]pyrene	123-39-6	ug/kg	167	ND
Isophorone	78-59-1	ug/kg	167	ND
2-Methyl-1,3-butadiene	91-67-6	ug/kg	334	ND
2-Methylcyclohexol	95-46-7	ug/kg	334	ND
4-Methylphenol	106-44-5	ug/kg	334	ND
Naphthalene	81-20-3	ug/kg	167	ND
2-Nitroaniline	98-74-4	ug/kg	1670	ND
3-Nitroaniline	99-09-2	ug/kg	1670	ND
4-Nitroaniline	100-01-08	ug/kg	1670	ND
Nitrobenzene	95-93-3	ug/kg	167	ND
2-Nitrophenol	68-75-5	ug/kg	167	ND
4-Nitrophenol	120-02-7	ug/kg	167	ND
p-Nitroso- <i>n</i> -propylamine	621-84-7	ug/kg	167	ND
p-Nitroso- <i>m</i> -propylamine	62-75-9	ug/kg	167	ND
p-Nitrosodiphenylamine	86-30-6	ug/kg	167	ND
Pentaachlorophenol	57-86-5	ug/kg	167	ND
Phenanthraquinone	85-01-8	ug/kg	334	ND
Phenol	102-95-2	ug/kg	167	ND
Pyrene	123-00-0	ug/kg	167	ND
1,2,4-Trichlorobenzene	120-82-1	ug/kg	167	ND
2,4,5-Trichlorophenol	55-95-4	ug/kg	224	ND
2,4,6-Trichlorophenol	68-06-2	ug/kg	167	ND

This laboratory analysis has been performed in accordance with generally accepted laboratory practices and requirements of the New York State Department of Health ELAP Program. Buck Environmental Laboratories, Inc. makes no recommendations, representations or warranties other than as specifically set forth in this report and shall not be responsible or liable for any action or the consequences of any action taken in connection with this report.

(ND = not detected above DL indicated)

(NEG = not detected)

(DL => detection limit)

John H. Buck, P.E.  
Laboratory Director, ELAP ID 10795

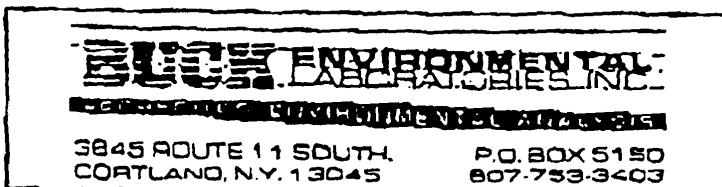
SENT BY:

8-3-98 11:42AM : HUNTON AND WILLIAMS

315 449 4111:#47

SAX EXECUTIVE SEARCHES INC. 5077 E. 5TH ST.

P.M.



Laboratory Report  
Lab Log No: 9806448

Client: DPRA ENVIRONMENTAL  
FIRST NATIONAL BANK BUILDING  
332 MINNESOTA ST, SUITE E-1500  
ST. PAUL MN 55101-

Report Date: 07/18/98  
Sampling Date: 06/29/98  
Sampled By: R. HEIMBACH  
Data Received: 06/30/98

Site: SMC - 13 BROAD STREET

Sample ID: SOIL - SP-3 (2-4)

ANALYTE	METHOD	ANALYZED BY	UNITS	DL	RESULTS
Arsenic, total	200.7/6010	07/06/98	ug/g	1	16.5
Barium, total	200.7/6010	07/06/98	ug/g	1	703
Cadmium, total	200.7/6010	07/06/98	ug/g	0.1	7.35
Chromium, total	200.7/6010	07/06/98	ug/g	1	230
Digest	3050	07/02/98	LN	DATE	complete
Lead, total	200.7/6010	07/06/98	ug/g	1	757
Mercury, total	245.1/7471	07/07/98	ug/g	0.07	0.351
Selenium, total	200.7/6010	07/06/98	ug/g	0.4	ND
Silver, total	200.7/6010	07/06/98	ug/g	0.4	4.17

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(ND => not detected above DL indicated)  
(DL => detection limit)  
(mg/L => ppm in water)  
(ug/g => ppm in solid)

John H. Buck, P.E.  
Laboratory Director  
ELAP ID: 10795

SENT BY:

FAX AND E-MAIL

8-3-98 :11:35AM : HUNTON AND WILLIAMS-  
THE ENVIRONMENTAL LABS : FAX 518 873-3319

315 449 4111:#24

315

**BUCK ENVIRONMENTAL**  
**LABORATORIES INC.**

3845 ROUTE 11 SOUTH, P.O. BOX 5160  
CORTLAND, N.Y. 13045 607-753-3403

Report Date: 07/27/98  
Lab Log Number: 9806449

**LABORATORY REPORT**

Client: DPRA Environmental  
First National Bank Building  
332 Minnesota St., Suite E-1500  
St Paul, MN 55101

Site: SMC - 13 Broad Street

Sample Date: 06/29/98 by R. Heimbach

Samples: Soils

Method: Flame Ionization Detector, and/or GC/MS  
Adapted from NYSDOH 310-13 methodology

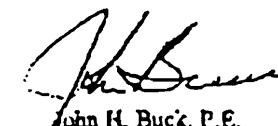
**TOTAL PETROLEUM HYDROCARBON**  
**QUANTIFICATION**

SP-1 (3.5-5.5')	19,500 ug/Kg as Lubrication Oil
SP-1 (9.5-11.5')	82,600 ug/Kg as Lubrication Oil
SP-2 (2-4')	1,270,000 ug/Kg as Lubrication Oil
SP-3 (2-4')	153,000 ug/Kg as Lubrication Oil
SP-4 (0.5-2.5')	ND < 170 ug/Kg

**PRODUCT CHARACTERIZATION**

The compounds and peak pattern present in samples SP-1, SP-2 and SP-3, are consistent with a lubrication oil product.

This analysis is certified as conforming to generally accepted laboratory practices and requirements of the New York State Health Department ELAP program.

  
John H. Buck, P.E.  
Laboratory Director  
NYS ELAP CERT 10795

SENT BY:

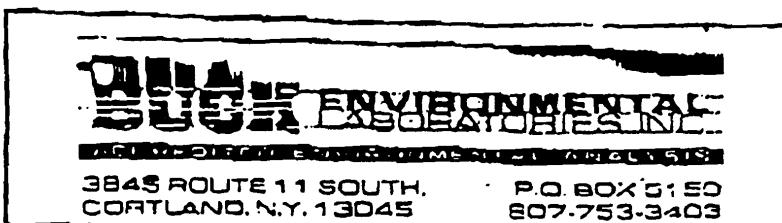
U.S. MAIL

8- 3-98 :11:37AM ; HUNTON AND WILLIAMS-

DRA ENVIRONMENTAL LABS

315 449 4111; #31

E.C.



## Laboratory Report

Lab Log No: 9806448

Client: DPRA ENVIRONMENTAL  
 • FIRST NATIONAL BANK BUILDING  
 332 MINNESOTA ST, SUITE E-1500  
 ST. PAUL MN 55101-  
 Site: SMC - 13 BROAD STREET

Report Date: 07/16/98  
 Sampling Date: 06/29/98  
 Sampled By: R. HEIMBACH  
 Date Received: 06/30/98  
 Analyzed By: PAI  
 Analyzed: 07/08/98

Sample ID: SOIL - SP-3 (2-4')

## VOLATILES BY EPA 8240

ANALYTE	CAS #	UNITS	DL	RESULTS
Acetone	67-64-1	ug/kg	.00	ND
Benzene	71-43-2	ug/kg	6	ND
Bromo-chloroethane	75-27-2	ug/kg	5	ND
Bromoform	75-25-2	ug/kg	5	ND
Bromoethane	74-83-3	ug/kg	10	ND
Carbon Disulfide	75-15-0	ug/kg	10	ND
Carbon tetrachloride	56-23-5	ug/kg	5	ND
Chlorobenzene	108-80-7	ug/kg	5	ND
Chloroethane	75-00-5	ug/kg	10	ND
2-Chloroethylbenzene	113-78-8	ug/kg	6	ND
Chloroform	67-66-3	ug/kg	5	ND
Chloromethane	71-27-3	ug/kg	10	ND
Dibromochloroethane	124-48-1	ug/kg	5	ND
1,2-Dichlorobenzene	95-50-1	ug/kg	5	ND
1,3-Dichlorobenzene	541-73-1	ug/kg	5	ND
1,4-Dichlorobenzene	138-46-7	ug/kg	5	ND
Dichlorodifluoromethane	73-71-2	ug/kg	5	ND
1,1-Dichloroethane	75-34-3	ug/kg	5	ND
1,2-Dichloroethane	107-08-7	ug/kg	5	ND
1,1-Dichloroethene	73-35-4	ug/kg	5	ND
1,1,2-Dichloroethene	195-62-2	ug/kg	5	ND
trans-1,2-Dichloroethene	198-00-6	ug/kg	5	ND
1,2-Dichloropropane	72-87-3	ug/kg	5	ND
cis-1,3-Dichloropropene	10381-01-3	ug/kg	5	ND
trans-1,3-Dichloropropene	10381-02-6	ug/kg	5	ND
Ethyloxyethane	105-41-4	ug/kg	5	ND
Heptane	591-78-8	ug/kg	50	ND
Methyl Ethyl Acetate	78-93-3	ug/kg	50	ND
4-Methyl-2-Pentanone	108-10-1	ug/kg	50	ND
Methylens Chloride	75-08-2	ug/kg	5	ND
Solvent	100-42-5	ug/kg	5	ND
1,1,2,2-Tetrachloroethane	79-24-5	ug/kg	5	ND
Tetrachloroethene	127-18-4	ug/kg	5	ND
Toluene	108-88-3	ug/kg	5	ND
1,1,1-Trichloroethane	71-55-6	ug/kg	5	ND
1,1,2-Trichloroethene	75-00-5	ug/kg	5	ND
Trichloroethane	79-01-0	ug/kg	5	ND
Trichlorofluoroethane	73-89-4	ug/kg	5	ND
Vinyl Acetate	108-06-4	ug/kg	5	ND
Vinyl chloride	75-31-4	ug/kg	10	ND
Xylenes (m,o,p)	1130-20-7	ug/kg	5	ND

9.1

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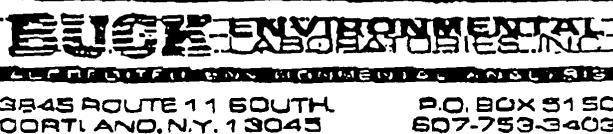
(ND => not detected above DL indicated)  
 (NEG => not detected)  
 (DL => detection limit)  
 (ug/L => ppb in water)  
 (ug/kg => ppb solid)

John H. Buck, P.E.  
 Laboratory Director, ELAP ID 10795

AUG. 11, 1998 11:06AM

BUCK ENVIRONMENTAL LABS

FAX NO. 3077533415 NO. 3560 P. 1615



## Laboratory Report

Lab Log No: 9806448

Client: DPRA ENVIRONMENTAL  
 FIRST NATIONAL BANK BUILDING  
 332 MINNESOTA ST, SUITE E-1500  
 ST. PAUL MN 55101-  
 Site: SMC - 13 BROAD STREET

Report Date: 06/05/98  
 Sampling Date: 06/29/98  
 Sampled By: R. HEIMBACH  
 Date Received: 08/30/98  
 Analyzed By: JK  
 Analyzed: 08/04/98

Sample ID: SOIL - SP-3 (2-4')		PCB IN SOLIDS		
ANALYTE	CAS #	UNITS	DL	RESULTS
Aroclor 1016	12674-11-2	ug/g	0.33	ND
Aroclor 1221	11104-28-2	ug/g	0.33	ND
Aroclor 1232	11141-18-5	ug/g	0.33	ND
Aroclor 1242	53469-21-9	ug/g	0.33	ND
Aroclor 1248	12672-29-3	ug/g	0.33	ND
Aroclor 1254	11097-69-1	ug/g	0.33	3.51
Aroclor 1260	11096-82-5	ug/g	0.33	0.759

This laboratory analysis has been performed in accordance with generally accepted laboratory practices and requirements of the New York State Department of Health ELAP Program. Buck Environmental Laboratories, Inc. makes no recommendations, representations or warranties other than as specifically set forth in this report and shall not be responsible or liable for any action or the consequences of any action taken in connection with this report.

(ND => not detected above DL indicated)  
 (NEG => not detected)

ATTEST FOR

John H. Buck, P.E.  
 Laboratory Director  
 ELAP ID 10795

01-07-98 XAM 1E-26

BUCK ENVIRONMENTAL LABS

FAX ID: 3075533446

E.C.

**BUCK ENVIRONMENTAL<sup>®</sup>**  
LABORATORIES INC.3845 ROUTE 11 SOUTH,  
CORTLAND, NY, 13045P.O. BOX 5150  
807-753-3400

Client: DPRA ENVIRONMENTAL  
 FIRST NATIONAL BANK BUILDING  
 332 MINNESOTA ST, SUITE E-1500  
 ST. PAUL MN 55101-

Site: SMC - 13 BROAD STREET

**Laboratory Report**  
**Lab Log No: 9806448**

Report Date: 07/27/98  
 Sampling Date: 06/29/98  
 Sampled By: R. HEIMBACH  
 Date Received: 06/30/98  
 Analyzed By: PAJ  
 Analyzed: 07/14/98

Sample ID: SOIL - SP-4 (.5-2.5')

SEMI-VOLATILES BY 8270

ANALYTE	CAS #	UNITS	DL	RESULTS
Aceanaphthalene	63-32-4	ug/kg	167	ND
Acenaphthylene	203-96-4	ug/kg	167	ND
Anthracene	120-12-7	ug/kg	167	ND
Benz(a)anthracene	56-55-1	ug/kg	334	ND
Benz(e)pyrene	50-32-8	ug/kg	167	ND
Benz(g,h)anthracene	205-99-2	ug/kg	167	ND
Benz(k)phenanthrene	19-24-2	ug/kg	167	ND
Benzyl(ether)	207-08-9	ug/kg	167	ND
Benzoic Acid	55-85-0	ug/kg	1670	ND
Benzyl Alcohol	106-81-6	ug/kg	628	ND
Butyl benzyl phthalate	65-88-7	ug/kg	167	ND
Bis(2-chloroethoxy)methane	111-01-1	ug/kg	334	ND
Bis(2-chloroethyl)ether	111-44-4	ug/kg	334	ND
Bis(2-chloroethyl)ether	108-60-1	ug/kg	334	ND
Bis(3-aminopropyl)phthalate	117-81-7	ug/kg	167	ND
4-Bromophenylphenyl ether	101-55-3	ug/kg	167	ND
4-Chloro-3-methylbenzaldehyde	59-35-7	ug/kg	167	ND
p-Chloraniline	106-47-8	ug/kg	668	ND
2-Chlorophenol	91-66-7	ug/kg	167	ND
2-Chlorophenol	95-57-8	ug/kg	167	ND
4-Chlorophenol phenyl ether	7228-72-3	ug/kg	167	ND
Chrysene	218-01-9	ug/kg	167	ND
Dinitrobutyl phthalate	64-74-2	ug/kg	167	ND
Dinitroethyl phthalate	117-84-0	ug/kg	167	ND
Diphenoxalinone	53-70-3	ug/kg	167	ND
Ditrenofuran	132-64-9	ug/kg	334	ND
1,2-Dichlorobenzene	54-50-1	ug/kg	167	ND
1,3-Dichlorobenzene	541-73-1	ug/kg	167	ND
1,4-Dichlorobenzene	108-46-7	ug/kg	167	ND
3,2'-Dichlorobenzene	91-34-1	ug/kg	668	ND
2,4-Dichlorophenol	120-83-2	ug/kg	167	ND
Dioxynaphthalene	44-06-2	ug/kg	167	ND
Dimethyl phthalate	181-11-3	ug/kg	167	ND
2,4-D-methylenobenzyl	103-67-9	ug/kg	167	ND
4,6-Dinitro-2-methylphenol	534-52-1	ug/kg	633	ND
2,4-Dinitrophenoxy	31-28-6	ug/kg	1670	ND
2,4-Dinitrotoluene	121-14-3	ug/kg	334	ND
2,6-Dinitrotoluene	606-20-2	ug/kg	167	ND
Eugenol	206-14-0	ug/kg	167	ND
Fluorene	66-73-7	ug/kg	167	ND
Fluoranthene	119-74-1	ug/kg	167	ND
Hexachlorobenzene	87-69-3	ug/kg	167	ND
Heptachlorodibenzo-p-dioxine	77-47-4	ug/kg	167	ND
Heptachlorophenol	67-72-1	ug/kg	167	ND
Indeno[1,2,3-C]pyrrole	183-39-3	ug/kg	167	ND
Isoaphorone	78-85-1	ug/kg	167	ND
2,4-Minoraphthylene	91-57-8	ug/kg	334	ND
2-Naphthalene	96-48-7	ug/kg	334	ND
4-Naphthalene	107-64-3	ug/kg	224	ND
Naphthalene	91-20-3	ug/kg	167	ND
2-Naphthol	85-74-1	ug/kg	1670	ND
3-Nitroaniline	63-09-2	ug/kg	1670	ND
4-Nitroaniline	100-01-0	ug/kg	1670	ND
Nitrobenzene	98-95-3	ug/kg	167	ND
2-Nitrophenol	88-75-0	ug/kg	167	ND
4-Nitrophenol	100-02-7	ug/kg	167	ND
n-Nitrosodimethylamine	621-64-7	ug/kg	167	ND
n-Nitrosodimethylamine	62-75-0	ug/kg	167	ND
n-Nitrosodiphenylamine	69-30-8	ug/kg	167	ND
Pentachlorophenol	87-46-5	ug/kg	167	ND
Phenanthrene	85-01-8	ug/kg	334	ND
P-phenol	108-95-2	ug/kg	167	ND
Pyrene	129-00-0	ug/kg	167	ND
1,2,4-Trichlorobenzene	120-82-1	ug/kg	167	ND
2,4,5-Trichlorophenol	94-95-4	ug/kg	334	ND
2,4,6-Trichlorophenol	88-08-2	ug/kg	167	ND

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(ND =&gt; not detected above DL indicated)

(NEG =&gt; not detected)

(DL =&gt; detection limit)

(ug/L =&gt; ppb in water)

John H. Buck, P.E.

Laboratory Director, ELAP ID 10795

2.23

SENT BY:

8-3-98 11:42AM : HUNTON AND WILLIAMS→

315 449 4111:#48

U.S. MAIL

SARASOTA, FLORIDA 34238

06/29/98 07:00:00 AM

315



## Laboratory Report

Lab Log No: 9806448

Client: DPRA ENVIRONMENTAL  
 FIRST NATIONAL BANK BUILDING  
 332 MINNESOTA ST, SUITE E-1500  
 ST. PAUL MN 55101-

Site: SMC - 13 BROAD STREET

Report Date: 07/16/98  
 Sampling Date: 06/29/98  
 Sampled By: R. HEIMBACH  
 Date Received: 06/30/98

Sample ID: SOIL - SP-4 (.5-2.5')

ANALYTE	METHOD	ANALYZED	BY	UNITS	DL	RESULTS
Arsenic, total	200.7/6010	07/06/98	JLR	ug/g	1	18.4
Barium, total	200.7/6010	07/06/98	JLR	ug/g	1	163
Cadmium, total	200.7/6010	07/06/98	JLR	ug/g	0.1	13
Chromium, total	200.7/6010	07/06/98	JLR	ug/g	1	40.2
Digest	3050	07/02/98	LN	DATE	0	complete
Lead, total	200.7/6010	07/06/98	JLR	ug/g	1	104
Mercury, total	245.1/7471	07/07/98	JLR	ug/g	0.08	ND
Selenium, total	200.7/6010	07/08/98	JLR	ug/g	0.4	ND
Silver, total	200.7/6010	07/06/98	JLR	ug/g	0.5	ND

This laboratory analysis has been performed in accordance with generally accepted laboratory practices and requirements of the New York State Department of Health ELAP Program. Buck Environmental Laboratories, Inc. makes no recommendations, representations or warranties other than as specifically set forth in this report and shall not be responsible or liable for any action or the consequences of any action taken in connection with this report.

(ND => not detected above DL indicated)  
 (DL => detection limit)  
 (mg/L => ppm in water)  
 (ug/g => ppm in solid)

John H. Buck, P.E.  
 Laboratory Director  
 ELAP ID: 10795

SENT BY:

FAX AND E-MAIL

8-3-98 :11:35AM : HUNTON AND WILLIAMS-  
BUCK ENVIRONMENTAL LABS (SARASOTA)

315 449 4111:#24

07/27/98

# BUCK ENVIRONMENTAL LABORATORIES, INC.

3845 ROUTE 11 SOUTH. P.O. BOX 5160  
CORTLAND, N.Y. 13045 507-753-3403

Report Date: 07/27/98  
Lab Log Number: 9806448

## LABORATORY REPORT

Client: DPRA Environmental  
First National Bank Building  
332 Minnesota St., Suite E-1500  
St. Paul, MN 55101

Site: SMC - 13 Broad Street

Sample Date: 06/29/98 by R. Heintzach

Samples: Soils

Method: Flame Ionization Detector, and/or GC/MS  
Adapted from NYSDOH 310-13 methodology

### TOTAL PETROLEUM HYDROCARBON QUANTITATION

SP-1 (3.5-5.5')	19,500 ug/Kg as Lubrication Oil
SP-1 (9.5-11.5')	82,600 ug/Kg as Lubrication Oil
SP-2 (2-4')	1,270,000 ug/Kg as Lubrication Oil
SP-3 (2-4')	153,000 ug/Kg as Lubrication Oil
SP-4 (0.5-2.5')	ND < 150 ug/Kg

### PRODUCT CHARACTERIZATION

The compounds and peak pattern present in samples SP-1, SP-2 and SP-3, are consistent with a lubrication oil product.

This analysis is certified as conforming to generally accepted laboratory practices and requirements of the New York State Health Department ELAP program.

  
John H. Buck, P.E.  
Laboratory Director  
NYS ELAP CERT 10795

SENT BY:

8- 3-98 :11:37AM ; HUNTON AND WILLIAMS→

315 449 4111:#32

U.S. MAIL URGENT URGENT URGENT

**BUCK ENVIRONMENTAL  
LABORATORIES, INC.**

OFFICIAL ENVIRONMENTAL ANALYSIS

3845 ROUTE 11 SOUTH,  
CORTLAND, N.Y. 13045P.O. BOX 5150  
607-753-3103

Client DPRA ENVIRONMENTAL  
FIRST NATIONAL BANK BUILDING  
332 MINNESOTA ST, SUITE E-1500  
ST. PAUL MN 55101-  
Site: SMC - 13 BROAD STREET

**Laboratory Report**  
**Lab Log No: 9806448**

Report Date: 07/16/98  
Sampling Date: 06/29/98  
Sampled By: R. HEIMBACH  
Date Received: 06/30/98  
Analyzed By: PAI  
Analyzed: 07/08/98

Sample ID: SOIL - SP-4 (.5-2.5')

**VOLATILES BY EPA 8240**

ANALYTE	CAS #	UNITS	DL	RESULTS
Acetone	67-04-1	ug/L	100	ND
Benzene	71-43-2	ug/kg	5	ND
Butanethane	75-27-4	ug/kg	5	ND
Chloroform	75-15-2	ug/kg	5	ND
Dibromomethane	74-83-9	ug/kg	10	ND
Carbon Disulfide	75-15-0	ug/kg	100	ND
Carboxylic Acids	26-23-3	ug/kg	5	ND
Chrysinolane	109-96-7	ug/kg	5	ND
Chloroethane	75-00-3	ug/kg	5	ND
Chloroethene	110-75-5	ug/kg	5	ND
2-Chloroallyl ether	107-86-3	ug/kg	5	ND
Chloroform	75-71-8	ug/kg	10	ND
Chloromethane	75-00-1	ug/kg	5	ND
Dibromoethane	121-43-1	ug/kg	5	ND
1,2-Dichlorobenzene	95-50-1	ug/kg	5	ND
1,3-Dichlorobenzene	541-73-1	ug/kg	5	ND
1,4-Dichlorobenzene	102-46-7	ug/kg	5	ND
Dichlorodifluoromethane	75-71-8	ug/kg	5	ND
1,1-Dichloroethene	75-32-3	ug/kg	5	ND
1,2-Dichloroethene	107-08-2	ug/kg	5	ND
1,1-Dichloroethane	75-35-4	ug/kg	5	ND
trans-1,2-Dichloroethene	150-92-4	ug/kg	5	ND
trans-1,2-Dichloroethane	156-80-6	ug/kg	5	ND
1,2-Dichloroethane	106-87-5	ug/kg	5	ND
trans-1,3-Dichloropropene	10661-01-5	ug/kg	5	ND
trans-1,3-Dichloropropene	10301-02-6	ug/kg	5	ND
Ethylbenzene	100-47-1	ug/kg	5	ND
Heptane	591-78-6	ug/kg	50	ND
Methyl Ethyl Ketone	78-95-3	ug/kg	100	ND
4-Methyl-2-Pentanone	126-10-1	ug/kg	50	ND
Methyl Vinyl Ether	75-06-2	ug/kg	5	ND
Styrene	103-42-5	ug/kg	5	ND
1,1,2-Tetrachloroethane	79-34-5	ug/kg	5	ND
Tetrahydroethers	127-18-4	ug/kg	5	ND
Toluene	108-82-3	ug/kg	5	ND
1,1,1-Trichloroethane	71-55-6	ug/kg	5	ND
1,1,2-Trichloroethane	79-00-6	ug/kg	5	ND
Trichloroethene	79-01-2	ug/kg	5	ND
Trichlorofluoromethane	71-49-4	ug/kg	5	ND
Vinyl acetate	75-05-4	ug/kg	50	ND
Vinyl chloride	75-14-1	ug/kg	10	ND
-Y-erpes(T,D&D)	1230-70-7	ug/kg	5	ND

This laboratory analysis has been performed in accordance with generally accepted laboratory practices and requirements of the New York State Department of Health ELAP Program. Buck Environmental Laboratories, Inc. makes no recommendations, representations or warranties other than as specifically set forth in this report and shall not be responsible or liable for any action or the consequences of any action taken in connection with this report.

(ND =&gt; not detected above DL indicated)

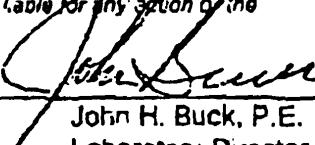
(NEG =&gt; not detected)

(DL =&gt; detection limit)

(ug/L =&gt; ppb in water)

(ug/kg =&gt; ppb solid)

MAIL BOX



John H. Buck, P.E.  
Laboratory Director, ELAP ID 10795

## ***Attachment 4***

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### **Laboratory Analytical Results Soil Samples 13 Broad Street – September 2000**

**These results (detections) were summarized in Table 3 of  
the *Final Investigation Report*, a copy of which is attached.**



**Table 3**

**Progress Parkway Enterprises, Inc.  
Binghamton, New York  
Final Investigation Report**

**13 Broad Street Facility Site Investigation Soil Analytical Results - Methylene Chloride**

Sample Location	Sample Depth (feet bgs)	Results (ppm)
TW-3A	32-24	0.006 U
TW-3B	32-34	0.006 U
TW-3C	32-34	0.006 U
TW-3C	8-10	0.005 U
TW-3D	36-38	0.007 U
TW-3E	32-34	0.005 U
TW-3E	4-6	0.002 J
TW-3F*	30-32	0.006 U

**Notes:**

1. Samples collected by Blasland, Bouck & Lee, Inc. (BBL) between September 18, 2000 and September 26, 2000 in accordance with the NYSDEC-approved *Site Investigation Work Plan (SIWP)* (BBL, July 2000).
2. Samples analyzed by Galson Laboratories for methylene chloride using USEPA SW-846 Method 8260.
3. Concentrations are in parts per million (ppm) or milligrams per kilogram (mg/kg).
4. bgs = below ground surface.
5. U = The compound was analyzed for but not detected. The associated value is the compound quantitation limit.
6. J = The compound was positively identified; however, the associated numerical value is an estimated concentration only.
7. \* = Duplicate sample for TW-3B (32-34').
8. The New York State Department of Environmental Conservation (NYSDEC) recommended soil cleanup objective for methylene chloride is 0.1 ppm as set forth in the NYSDEC Technical and Administrative Guidance Memorandum (TAGM) #4046, dated January 1994.
9. The laboratory analytical results were validated by BBL in accordance with the procedures and methods detailed in the NYSDEC-approved *SIWP*.

1A  
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

Lab Name: GALSON LABORATORIES

Contract: Blasland, B TW-3A (32-34)

Lab Code: Case No.: 1

SAS No.: SDG No.: L63616

Matrix: (soil/water) Soil

Lab Sample ID: L63616-3

Sample wt/vol: 5 (g/mL) g

Lab File ID: CD091808

Level: (low/med) LOW

Date Received: 09/18/00

%Moisture: not dec. 22

Date Analyzed: 09/18/00

GC Column: HP-624 ID: .25 (mm)

Dilution Factor: 1

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:  
(ug/L or ug/Kg) ug/kg Q

CAS NO.	COMPOUND		
75-09-2-----	Methylene chloride	6 3	50

<sup>1A</sup>  
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

Lab Name: GALSON LABORATORIES

Contract: Blasland, B

TW-3B (32-34)

Lab Code: Case No.: 1

SAS No.:

SDG No.: L63616

Matrix: (soil/water) Soil

Lab Sample ID: L63686-3

Sample wt/vol: 5 (g/mL) g

Lab File ID: CD092121

Level: (low/med) LOW

Date Received: 09/20/00

%Moisture: not dec. 22

Date Analyzed: 09/22/00

GC Column: HP-624 ID: .25 (mm)

Dilution Factor: 1

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:  
(ug/L or ug/Kg) ug/kg Q

CAS NO.	COMPOUND	6	U
75-09-2-----	Methylene chloride		

1A  
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

Lab Name: GALSON LABORATORIES

Contract: Blasland, B

TW-3C (32-34)

Lab Code: Case No.: 1

SAS No.:

SDG No.: L63616

Matrix: (soil/water) Soil

Lab Sample ID: L63818-2

Sample wt/vol: 5 (g/mL) g

Lab File ID: CD092608

Level: (low/med) LOW

Date Received: 09/22/00

%Moisture: not dec. 20

Date Analyzed: 09/26/00

GC Column: HP-624 ID: .25 (mm)

Dilution Factor: 1

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:  
(ug/L or ug/Kg) ug/kg Q

CAS NO.	COMPOUND		
75-09-2-----	Methylene chloride	6	U

<sup>1A</sup>  
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

Lab Name: GALSON LABORATORIES

Contract: Blasland, B | TW-3C (8-10) |

Lab Code: Case No.: 1

SAS No.: SDG No.: L63616

Matrix: (soil/water) Soil

Lab Sample ID: L63686-7

Sample wt/vol: 5 (g/mL) g

Lab File ID: CD092210

Level: (low/med) LOW

Date Received: 09/20/00

%Moisture: not dec. 9

Date Analyzed: 09/22/00

GC Column: HP-624 ID: .25 (mm)

Dilution Factor: 1

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:

CAS NO.

COMPOUND

(ug/L or ug/Kg) ug/kg

Q

75-09-2-----Methylene chloride	5 $\beta$	5 u
--------------------------------	-----------	-----

1A  
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

Lab Name: GALSON LABORATORIES

Contract: Blasland, B |

TW-3D (36-38)

Lab Code: Case No.: 1 SAS No.: SDG No.: L63616

Matrix: (soil/water) Soil Lab Sample ID: L63851-9

Sample wt/vol: 5 (g/mL) g Lab File ID: CD092724

Level: (low/med) LOW Date Received: 09/26/00

%Moisture: not dec. 26 Date Analyzed: 09/28/00

GC Column: HP-624 ID: .25 (mm) Dilution Factor: 1

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:  
(ug/L or ug/Kg) ug/kg Q

CAS NO.	COMPOUND		
75-09-2-----	Methylene chloride	7	U

<sup>1A</sup>  
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

Lab Name: GALSON LABORATORIES

Contract: Blasland, B

TW-3E (32-24)
---------------

Lab Code: Case No.: 1

SAS No.:

SDG No.: L63616

Matrix: (soil/water) Soil

Lab Sample ID: L63851-11

Sample wt/vol: 5 (g/mL) g

Lab File ID: CD092806

Level: (low/med) LOW

Date Received: 09/26/00

%Moisture: not dec. 6

Date Analyzed: 09/28/00

GC Column: HP-624 ID: .25 (mm)

Dilution Factor: 1

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) ug/kg Q

CAS NO.	COMPOUND		
75-09-2-----	Methylene chloride	5	U

1A  
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

Lab Name: GALSON LABORATORIES	Contract: Blasland, B	TW-3E (4-6) RE
Lab Code:	SAS No.:	SDG No.: L63616
Matrix: (soil/water) Soil	Lab Sample ID: L63851-10RE	
Sample wt/vol: 5 (g/mL) g	Lab File ID: CD092805	
Level: (low/med) LOW	Date Received: 09/26/00	
%Moisture: not dec. 7	Date Analyzed: 09/28/00	
GC Column: HP-624 ID: .25 (mm)	Dilution Factor: 1	
Soil Extract Volume: (uL)	Soil Aliquot Volume: (uL)	

CONCENTRATION UNITS:  
(ug/L or ug/Kg) ug/kg Q

CAS NO.	COMPOUND		
75-09-2-----Methylene chloride		2	J

1A  
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

Lab Name: GALSON LABORATORIES

Contract: Blasland, B | TW-3F (30-32)

Lab Code: Case No.: 1

SAS No.: SDG No.: L63616

Matrix: (soil/water) Soil

Lab Sample ID: L63686-4

Sample wt/vol: 5 (g/mL) g

Lab File ID: CD092209

Level: (low/med) LOW

Date Received: 09/20/00

%Moisture: not dec. 21

Date Analyzed: 09/22/00

GC Column: HP-624 ID: .25 (mm)

Dilution Factor: 1

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:  
(ug/L or ug/Kg) ug/kg Q

CAS NO.	COMPOUND		
75-09-2-----Methylene chloride		63	54

## ***Attachment 5***

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### **Laboratory Analytical Results Soil Samples 13 Broad Street – September 2000**

**These results (detections) were summarized in Table 4 of the *Final Investigation Report*, a copy of which is attached and was also provided in the *Floor Drain Closure Report*.**

**Table 4**

**Progress Parkway Enterprises, Inc.**  
**13 Broad Street Facility - Binghamton, New York**  
**Final Investigation Report**

**13 Broad Street Facility Site Investigation Soil Analytical Results - Inorganics**

Parameter	Results (ppm)							Standard <sup>1</sup>
	SB-1 (5-7' bgs)	SB-2 (2-4' bgs)	SB-2 (4-6' bgs)	SB-3 (0-2' bgs)	SB-3 (2-4' bgs)	SB-4 (2-4' bgs)	SB-5* (2-4' bgs)	
Barium	18.3 B	41.7	42.0	53.7	26.6	34.3	36.7	300 or SB
Chromium	6.2	10.1	10.5	10.3	12.1	16.0	9.3	10 or SB
Lead	14.7	18.5	9.8	12.9	13.7	18.0	14.3	SB*
Mercury	0.051 U	0.057 U	0.052 U	0.056 U	0.054 U	0.055 U	0.057 U	13 or SB
Silver	0.20 U	0.23 U	0.21 U	0.22 U	0.22 U	0.22 U	0.23 U	SB

**Notes:**

1. Standards presented are recommended soil cleanup objectives set forth in the New York State Department of Environmental Conservation (NYSDEC) Technical and Administrative Guidance Memorandum (TAGM) #4046, dated January 1994.
2. Samples collected by Blasland, Bouck & Lee, Inc. (BBL) between September 20, 2000 and September 22, 2000 in accordance with the NYSDEC-approved *Site Investigation Work Plan (SIWP)* (BBL, July 2000).
3. Samples analyzed by Galson Laboratories for barium, chromium, lead and silver using USEPA SW-846 6010/7000 Series Methods. Samples analyzed for mercury using USEPA SW-846 Method 7470/7471.
4. Concentrations are in parts per million (ppm) or milligrams per kilogram (mg/kg).
5. bgs = below ground surface.
6. U = The analyte was analyzed for but not detected. The associated value is the analyte instrument detection limit.
7. B = The reported value was obtained from a reading less than the contract required detection limit (CRDL) but greater than or equal to the instrument detection limit (IDL).
8. \* = Duplicate sample for SB-2 (2-4').
9. SB = site background.
10. As presented in TAGM #4046, average background levels in metropolitan or suburban areas or near highways typically range from 200 to 500 ppm.
11. The laboratory analytical results were validated by BBL in accordance with the procedures and methods detailed in the NYSDEC-approved *SIWP*.

## NYSDEC ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

Lab Name: Galson Laboratories

Contract: BBL

SB-1(5-7)

Lab Code: 11626

Case No.:

SAS No.:

SDG No.: L63616

Matrix (soil/water): Soil

Lab Sample ID: L63686-8

Level (low/med): LOW

Date Received: 09/20/00

% Solids: 98.2

Concentration Units (ug/L or mg/kg dry weight): mg/kg

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic				NR
7440-39-3	Barium	18.3	B		P
7440-41-7	Beryllium				NR
7440-43-9	Cadmium				NR
7440-70-2	Calcium				NR
7440-47-3	Chromium	6.2			P
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron				NR
7439-92-1	Lead	14.7			P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury	0.051	U		AV
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium				NR
7440-22-4	Silver	0.20	U		P
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
57-12-5	Cyanide				NR

Color Before: tan

Clarity Before:

Texture: course

Color After: yellow

Clarity After: clear

Artifacts: rocks

Comments:

## NYSDEC ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

Lab Name: Galson Laboratories

Contract: BBL

SB-2 (2-4)

Lab Code: 11626

Case No.:

SAS No.:

SDG No.: L63616

Matrix (soil/water): Soil

Lab Sample ID: L63818-12

Level (low/med): LOW

Date Received: 09/22/00

% Solids: 88.3

Concentration Units (ug/L or mg/kg dry weight): mg/kg

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic				NR
7440-39-3	Barium	41.7			P
7440-41-7	Beryllium				NR
7440-43-9	Cadmium				NR
7440-70-2	Calcium				NR
7440-47-3	Chromium	10.1			P
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron				NR
7439-92-1	Lead	18.5			P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury	0.057	U		AV
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium				NR
7440-22-4	Silver	0.23	U		P
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
57-12-5	Cyanide				NR

Color Before: brown

Clarity Before:

Texture: med

Color After: yellow

Clarity After: clear

Artifacts: none

Comments:

FORM I - IN

10/95

## NYSDEC ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

Lab Name: Galson Laboratories

Contract: BBL

SB-2 (4-6)

Lab Code: 11626

Case No.:

SAS No.:

SDG No.: L63616

Matrix (soil/water): Soil

Lab Sample ID: L63818-13

Level (low/med): LOW

Date Received: 09/22/00

% Solids: 96.1

Concentration Units (ug/L or mg/kg dry weight): mg/kg

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic				NR
7440-39-3	Barium				P
7440-41-7	Beryllium	42.0			NR
7440-43-9	Cadmium				NR
7440-70-2	Calcium				NR
7440-47-3	Chromium	10.5			P
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron				NR
7439-92-1	Lead	9.8			P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury				AV
7440-02-0	Nickel	0.052	U		NR
7440-09-7	Potassium				NR
7782-49-2	Selenium				NR
7440-22-4	Silver	0.21	U		P
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
57-12-5	Cyanide				NR

Color Before: brown

Clarity Before:

Texture: med

Color After: yellow

Clarity After: clear

Artifacts: rocks

Comments:

FORM I - IN

10/95

## NYSDEC ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

Lab Name: Galson Laboratories

Contract: BBL

SB-3 (0-2)

Lab Code: 11626

Case No.:

SAS No.:

SDG No.: L63616

Matrix (soil/water): Soil

Lab Sample ID: L63818-7

Level (low/med): LOW

Date Received: 09/22/00

% Solids: 89.4

Concentration Units (ug/L or mg/kg dry weight): mg/kg

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic				NR
7440-39-3	Barium				P
7440-41-7	Beryllium	53.7			NR
7440-43-9	Cadmium				NR
7440-70-2	Calcium				NR
7440-47-3	Chromium				P
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron				NR
7439-92-1	Lead	12.9			P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury				AV
7440-02-0	Nickel	0.056	U		NR
7440-09-7	Potassium				NR
7782-49-2	Selenium				NR
7440-22-4	Silver	0.22	U		P
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
57-12-5	Cyanide				NR

Color Before: brown

Clarity Before:

Texture: med

Color After: yellow

Clarity After: clear

Artifacts: none

Comments:

FORM I - IN

10/95

## NYSDEC ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

Lab Name: Galson Laboratories

Contract: BBL

SB-3 (2-4)

Lab Code: 11626

Case No.:

SAS No.:

SDG No.: L63616

Matrix (soil/water): Soil

Lab Sample ID: L63818-10

Level (low/med): LOW

Date Received: 09/22/00

% Solids: 91.8

Concentration Units (ug/L or mg/kg dry weight): mg/kg

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic				NR
7440-39-3	Barium	26.6			P
7440-41-7	Beryllium				NR
7440-43-9	Cadmium				NR
7440-70-2	Calcium				NR
7440-47-3	Chromium	12.1			P
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron				NR
7439-92-1	Lead	13.7			P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury				AV
7440-02-0	Nickel	0.054	U		NR
7440-09-7	Potassium				NR
7782-49-2	Selenium				NR
7440-22-4	Silver	0.22	U		P
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
57-12-5	Cyanide				NR

Color Before: brown

Clarity Before:

Texture: med

Color After: yellow

Clarity After: clear

Artifacts: rocks

Comments:

## NYSDEC ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SB-4 (2-4)

Lab Name: Galson Laboratories

Contract: BBL

Lab Code: 11626

Case No.:

SAS No.:

SDG No.: L63616

Matrix (soil/water): Soil

Lab Sample ID: L63818-11

Level (low/med): LOW

Date Received: 09/22/00

% Solids: 90.2

Concentration Units (ug/L or mg/kg dry weight): mg/kg

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic				NR
7440-39-3	Barium				P
7440-41-7	Beryllium				NR
7440-43-9	Cadmium				NR
7440-70-2	Calcium				NR
7440-47-3	Chromium				P
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron				NR
7439-92-1	Lead				P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury				AV
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium				NR
7440-22-4	Silver				P
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
57-12-5	Cyanide				NR
		34.3			
		16.0			
		18.0			
		0.055	U		
		0.22	U		

Color Before: dark brown

Clarity Before:

Texture: course

Color After: yellow

Clarity After: clear

Artifacts: rocks

Comments:

## NYSDEC ASP

1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

Lab Name: Galson Laboratories

Contract: BBL

SB-5(2-4)

Lab Code: 11626

Case No.:

SAS No.:

SDG No.: L63616

Matrix (soil/water): Soil

Lab Sample ID: L63818-14

Level (low/med): LOW

Date Received: 09/22/00

% Solids: 88.4

Concentration Units (ug/L or mg/kg dry weight): mg/kg

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic				NR
7440-39-3	Barium				P
7440-41-7	Beryllium	36.7			NR
7440-43-9	Cadmium				NR
7440-70-2	Calcium				NR
7440-47-3	Chromium				P
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron				NR
7439-92-1	Lead	14.3			P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury				AV
7440-02-0	Nickel	0.057	U		NR
7440-09-7	Potassium				NR
7782-49-2	Selenium				NR
7440-22-4	Silver	0.23	U		P
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
57-12-5	Cyanide				NR

Color Before: dark brown

Clarity Before:

Texture: med

Color After: yellow

Clarity After: clear

Artifacts: none

Comments:

## ***Attachment 6***

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### **Laboratory Analytical Results Soil Samples 17½ Broad Street – June/July 1998**

**These results (detections) were summarized in Table 3 of Attachment 3 of the *Final Investigation Report*, a copy of which is attached and was also provided in the *Floor Drain Closure Report*.**

**Table 3**

**Progress Parkway Enterprises, Inc.**  
**Binghamton, New York**  
**Final Investigation Report**

**Summary of Detected Constituents in Phase II Soil Samples (June/July 1998) - 17½ Broad Street Facility**

Parameter	Concentration (ppm)							
	MW-1 (35-37 bgs')	MW-2 (25-27' bgs)	MW-3 (25-27' bgs)	SP-1 (2.5-4.4' bgs)	SP-2 (0-2' bgs)	SP-3 (0-2' bgs)	SP-3 (4-6' bgs)	Standard <sup>2</sup>
<b>SVOCs</b>								
Benzo(a)anthracene	ND	ND	ND	ND	0.691	0.363	ND	0.224
Benzo(a)pyrene	ND	ND	ND	ND	0.709	0.361	ND	0.061
Benzo(b)fluoranthene	ND	ND	ND	ND	0.903	0.589	ND	1.1
Benzo(g,h,i)perylene	ND	ND	ND	ND	0.334	0.205	ND	50
Benzo(k)fluoranthene	ND	ND	ND	ND	0.860	0.371	ND	1.1
Bis(2-ethylhexyl)phthalate	ND	ND	ND	1.070	ND	0.485	ND	50
Chrysene	ND	ND	ND	ND	0.661	0.403	ND	0.4
Dibenzo(a,h)anthracene	ND	ND	ND	ND	0.187	ND	ND	0.014
Fluoranthene	ND	ND	ND	ND	1.210	0.588	ND	50
Indeno(1,2,3-cd)pyrene	ND	ND	ND	ND	0.380	0.230	ND	3.2
Pyrene	ND	ND	ND	ND	0.771	0.412	ND	50
<b>Metals</b>								
Arsenic, total	8.65	10.9	8.71	4.33	6.31	4.11	6.43	7.5 or SB
Barium	31.4	41.3	59.2	115	55.6	71.1	39.1	300 or SB
Cadmium, total	1.8	1.92	1.77	5.0	2.52	2.17	2.11	1.0 or SB
Chromium, total	9.52	10.3	9.4	15.7	17.7	17.0	14.0	10 or SB
Lead, total	4.47	11.6	14.3	163	50.7	39.6	13.4	SB

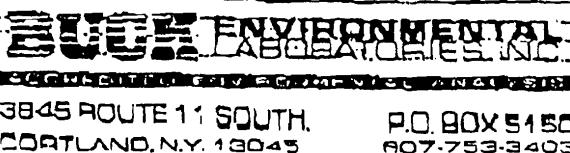
**Table 3**  
**(Cont'd)**  
**Progress Parkway Enterprises, Inc.**  
**Binghamton, New York**  
**Final Investigation Report**

**Summary of Detected Constituents in Phase II Soil Samples (June/July 1998) - 17½ Broad Street Facility**

Parameter	Concentration (ppm)							
	MW-1 (35-37 bgs')	MW-2 (25-27' bgs)	MW-3 (25-27' bgs)	SP-1 (2.5-4.4' bgs)	SP-2 (0-2' bgs)	SP-3 (0-2' bgs)	SP-3 (4-6' bgs)	Standard <sup>2</sup>
Mercury, total	ND	ND	0.185	0.215	0.095	ND	0.127	0.1
<b>Total Petroleum Hydrocarbons (TPH)</b>								
Lubrication oil	ND	ND	ND	85.3	49.3	19.2	13.0	NA
<b>VOCs</b>								
Bromomethane	ND	0.0267	ND	ND	ND	ND	ND	NA*

**Notes:**

1. Samples collected by DPRA on June 29 and June 30 1998. Samples analyzed by Buck Environmental Laboratories, Inc. For VOCs (SW-846 Method 8240), SVOCs (USEPA SW-846 Method 8270), PCBs (USEPA SW-846 Method 8081), RCRA Metals (USEPA SW-846 6000/7000 Series Methods), and TPH (NYSDOH Method 310.13).
2. Standards presented are recommended soil cleanup objectives set forth in the New York State Department of Environmental Conservation (NYSDEC) Technical and Administrative Guidance Memorandum (TAGM) # 4046, dated January 1994.
3. All concentrations are reported in parts per million (ppm).
4. bgs = below ground surface.
5. SB = Site background.
6. ND = Constituent was not detected at a concentration greater than the laboratory detection limit.
7. NA = No recommended soil cleanup objective is available for this constituent.



Client: DPRA ENVIRONMENTAL  
FIRST NATIONAL BANK BUILDING  
332 MINNESOTA ST. SUITE E-1500  
ST. PAUL MN 55101-  
Site: SMC - 17 1/2 BROAD STREET

## Laboratory Report

Lab Log No: 9806447

Report Date: 07/16/98  
Sampling Date: 06/29/98  
Sampled By: R. HEIMBACH  
Date Received: 06/30/98  
Analyzed By: PAI  
Analyzed: 07/15/98

Sample ID: SOIL - MW-1 (3S-37')

### SEMI-VOLATILES BY 8270

ANALYTE	CAS #	UNITS	DL	RESULTS
Acenaphthene	63-32-8	ug/kg	167	ND
Acenaphthylene	238-95-8	ug/kg	167	ND
Anthracene	123-12-7	ug/kg	167	ND
Benz[a]anthracene	56-55-3	ug/kg	334	ND
Benz[a]pyrene	50-32-8	ug/kg	167	ND
Benz[b]fluoranthene	205-09-2	ug/kg	167	ND
Benz[ghi]perylene	191-26-2	ug/kg	167	ND
Benzofluoranthene	207-08-8	ug/kg	167	ND
Benzoic Acid	65-85-0	ug/kg	1670	ND
Benzyl Alcohol	100-51-8	ug/kg	662	ND
Benzyl vinyl Ether	65-88-7	ug/kg	167	ND
Bis(2-chloroethyl)ethane	111-91-1	ug/kg	334	ND
Bis(2-chloroethyl)ether	111-44-4	ug/kg	334	ND
Bis(2-chloroisopropyl)ether	108-90-1	ug/kg	334	ND
Bis(2-ethylhexyl)phthalate	117-81-7	ug/kg	167	ND
4,8-dimethylphenyl ether	101-56-3	ug/kg	167	ND
4-Chloro-3-methylphenol	59-60-7	ug/kg	167	ND
p-Chloroaniline	130-74-0	ug/kg	662	ND
2-Chloronaphthalene	91-58-7	ug/kg	167	ND
2-Chlorophenol	95-57-2	ug/kg	167	ND
4-Chlorophenyl phenyl ether	7005-72-3	ug/kg	167	ND
Chrysene	218-01-6	ug/kg	167	ND
Dimethyl phthalate	84-74-2	ug/kg	167	ND
Dimethyl phthalate	117-64-0	ug/kg	167	ND
Diisopropylbenzene	53-73-3	ug/kg	334	ND
Dibenzofuran	132-84-0	ug/kg	167	ND
1,2-Dichlorobenzene	95-50-1	ug/kg	167	ND
1,3-Dichlorobenzene	541-73-1	ug/kg	167	ND
1,4-Dichlorobenzene	136-48-7	ug/kg	167	ND
1,3-Dichlorobenzene	91-94-1	ug/kg	662	ND
2,4-Dichlorophenol	120-83-2	ug/kg	167	ND
Dimethyl phthalate	84-66-2	ug/kg	167	ND
Dimethyl phthalate	131-11-3	ug/kg	167	ND
3,4-Dimethylbenzol	136-87-0	ug/kg	167	ND
4,8-Di-tert-2-methylchend	531-52-1	ug/kg	835	ND
2,4-Di-terpenol	51-38-5	ug/kg	1670	ND
2,4-Dinitrochalcone	121-14-2	ug/kg	334	ND
2,6-Dinitrotoluene	608-20-2	ug/kg	167	ND
Fluoranthene	200-44-0	ug/kg	167	ND
Levoglucosan	96-73-7	ug/kg	167	ND
Hercinochlorophenone	116-74-1	ug/kg	167	ND
Mercaptobenzene	87-68-3	ug/kg	167	ND
Mercaptobenzene	77-47-4	ug/kg	167	ND
Mercaptobenzene	67-72-1	ug/kg	167	ND
Indeno[1,2,3-c]phenylene	193-39-8	ug/kg	167	ND
Isoparaffin	78-69-1	ug/kg	167	ND
2-Methyl-1-aphthalene	21-57-6	ug/kg	334	ND
2-Methylbenzene	96-48-7	ug/kg	334	ND
4-Methylbenzene	102-44-5	ug/kg	334	ND
Naphthalene	91-20-3	ug/kg	167	ND
2-Nitrodiazene	82-74-4	ug/kg	1670	ND
3-Nitroazene	90-00-2	ug/kg	1670	ND
4-Nitroazene	100-01-06	ug/kg	1670	ND
Naphthalene	98-93-3	ug/kg	167	ND
2-Nitrop-azene	26-75-3	ug/kg	167	ND
4-Nitrophenol	103-02-7	ug/kg	167	ND
n-Mercosol-n-propylamine	621-64-7	ug/kg	167	ND
n-Mercadodimethylamine	62-75-9	ug/kg	167	ND
n-Mercaptobenzylamine	68-30-6	ug/kg	167	ND
Perfectorphenol	87-88-5	ug/kg	167	ND
Phenanthrene	85-01-4	ug/kg	334	ND
Phenol	108-95-2	ug/kg	167	ND
Pyrene	123-00-0	ug/kg	167	ND
1,2,4-Trichlorobenzene	120-82-1	ug/kg	167	ND
2,3,5-Trichlorophenol	6345-4	ug/kg	334	ND
2,4,6-Trichlorophenol	88-06-2	ug/kg	167	ND

This laboratory analysis has been performed in accordance with generally accepted laboratory practices and requirements of the New York State Department of Health ELAP Program. Buck Environmental Laboratories, Inc. makes no recommendations, representations or warranties other than as specifically set forth in this report and shall not be responsible or liable for any action or the consequences of any action taken in connection with this report.

(ND => not detected above DL indicated)

(NEG => not detected)

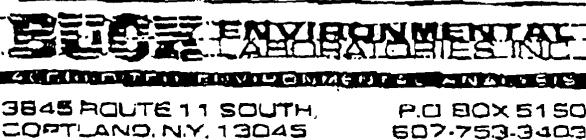
(DL => detection limit)

(ug/L => ppb in water)

(ppm => parts per million)

John H. Buck, P.E.

Laboratory Director ELAP ID 10706



Laboratory Report  
Lab Log No: 9806447

Client: DPRA ENVIRONMENTAL  
FIRST NATIONAL BANK BUILDING  
332 MINNESOTA ST, SUITE E-1500  
ST PAUL, MN 55101-

Site: SMC - 17 1/2 BROAD STREET

Report Date: 07/16/98  
Sampling Date: 06/29/98  
Sampled By: R. HEIMBACH  
Date Received: 08/30/98

Sample ID: SOIL - MW-1 (35-37')

ANALYTE	METHOD	ANALYZED BY	UNITS	DL	RESULTS
Arsenic, total	200.7/6010	07/06/98	ug/g	1	8.66 8.65
Barium, total	200.7/6010	07/06/98	ug/g	1	31.4
Cadmium, total	200.7/6010	07/06/98	ug/g	0.1	1.8
Chromium, total	200.7/6010	07/09/98	ug/g	1	9.52
Digest	3050	07/02/98	LN	DATE	complete
Lead, total	200.7/6010	07/06/98	ug/g	1	4.47
Mercury, total	245.1/7471	07/07/98	ug/g	0.06	ND
Selenium, total	200.7/6010	07/06/98	ug/g	0.3	ND
Silver, total	200.7/6010	07/06/98	ug/g	0.4	ND

This laboratory analysis has been performed in accordance with generally accepted laboratory practices and requirements of the New York State Department of Health ELAP Program. Buck Environmental Laboratories, Inc. makes no recommendations, representations or warranties other than as specifically set forth in this report and shall not be responsible or liable for any action or the consequences of any action taken in connection with this report.

(ND => not detected above DL indicated)  
(DL => detection limit)  
(mg/L => ppm in water)  
(ug/g => ppm in solid)

John H. Buck, P.E.  
Laboratory Director  
ELAP ID: 10795

3846 ROUTE 11 SOUTH  
CORTLAND, N.Y. 13045P.O. BOX 5150  
607-753-3403Report Date: 07/23/98  
Lab Log Number: 9806447LABORATORY REPORT

Client: DPRA Environmental  
First National Bank Building  
332 Minnesota St., Suite E-1500  
St Paul, MN 55101

Site: SMC - 17 1/2 Broad Street

Sample Date: 06/29/98 by R. Heimbach

Samples: Soils

Method: Flame Ionization Detector, and/or GC/MS  
Adapted from NYSDOH 310-13 methodology

TOTAL PETROLEUM HYDROCARBON  
QUANTITATION

MW-1 (35-37')

ND (&lt;170 ug/Kg)

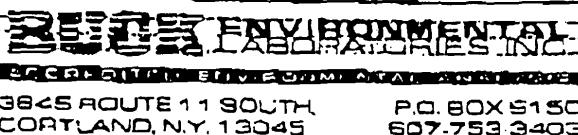
MW-2 (25-27')

ND (&lt;170 ug/Kg)

ND - None detected greater than detection limit noted.

This analysis is certified as conforming to generally accepted laboratory practices and requirements of the New York State Health Department ELAP program.

John H. Buck, P.E.  
Laboratory Director  
NYS ELAP CERT 10795



# Laboratory Report

Lab Log No: 9806447

Client: DPRA ENVIRONMENTAL  
FIRST NATIONAL BANK BUILDING  
332 MINNESOTA ST, SUITE E-1500  
ST. PAUL MN 55101-  
Site: SMC - 17 1/2 BROAD STREET

Report Date: 07/16/98  
Sampling Date: 06/29/98  
Sampled By: R. HEIMBACH  
Date Received: 06/30/98  
Analyzed By: PAI  
Analyzed: 07/07/98

Sample ID: SOIL - MW-1 (35-37')

## VOLATILES BY EPA 8240

ANALYTE	CAS #	UNITS	DL	RESULTS
Aacetone	67-64-1	ug/L	100	ND
Ethene	71-03-5	ug/L	5	ND
Bromodichloromethane	75-27-4	ug/L	5	ND
Bromoform	75-26-2	ug/L	5	ND
Bromomethane	74-83-8	ug/L	10	ND
Carbon disulfide	75-15-0	ug/L	100	ND
Carboxylic acid, chloro-	58-23-5	ug/L	5	ND
Chlorobenzene	108-60-7	ug/L	5	ND
Chloroethane	73-00-3	ug/L	10	ND
1-Chlorobutyl vinyl ether	110-76-6	ug/L	6	ND
Chloroform	67-60-0	ug/L	6	ND
Chloromethane	74-87-2	ug/L	10	ND
Dibromochloromethane	124-48-1	ug/L	5	ND
1,2-Dichloroethane	52-50-1	ug/L	5	ND
1,3-Dichlorobenzene	541-73-1	ug/L	5	ND
1,4-Dichlorobenzene	156-46-7	ug/L	5	ND
Ortho-dichlorobenzene	75-71-0	ug/L	5	ND
1,1-Dichloroethene	75-34-3	ug/L	5	ND
1,2-Dichloroethene	107-30-2	ug/L	5	ND
1,1-Dichloroethane	75-35-4	ug/L	5	ND
cis-1,2-Dichloroethane	156-59-2	ug/L	5	ND
trans-1,2-Dichloroethane	156-63-5	ug/L	5	ND
1,2-Dichloropropane	76-87-5	ug/L	5	ND
cis-1,3-Dichloropropene	10021-01-5	ug/L	5	ND
cis-1,3-Dichloropropene	10021-02-6	ug/L	5	ND
Ethybenzene	100-41-1	ug/L	5	ND
Heptane	581-78-6	ug/L	50	ND
Methyl ethyl ketone	75-93-3	ug/L	100	ND
4-Methyl-2-Pentanone	100-10-1	ug/L	50	ND
Methylchloroethane	75-00-2	ug/L	5	ND
Syrene	100-42-5	ug/L	5	ND
1,1,2,2-Tetrachloroethane	70-34-5	ug/L	5	ND
Tetrachloroethene	127-19-4	ug/L	5	ND
Toluene	108-88-3	ug/L	5	ND
1,1,1-Trichloroethane	71-55-6	ug/L	5	ND
1,1,2-Trichloroethane	75-03-5	ug/L	5	ND
Trichloroethane	76-01-6	ug/L	5	ND
Trichloroethene	75-69-1	ug/L	5	ND
Vinyl acetate	108-05-4	ug/L	50	ND
Vinyl chloride	75-01-1	ug/L	10	ND
Xylenes [o,p]	1330-20-7	ug/L	5	ND

This laboratory analysis has been performed in accordance with generally accepted laboratory practices and requirements of the New York State Department of Health ELAP Program. Buck Environmental Laboratories, Inc. makes no recommendations, representations or warranties other than as specifically set forth in this report and shall not be responsible or liable for any action or the consequences of any action taken in connection with this report.

(ND =&gt; not detected above DL indicated)

(NEG =&gt; not detected)

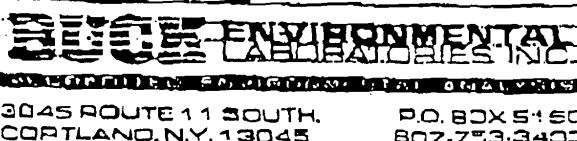
(DL =&gt; detection limit)

(ug/L =&gt; ppb in water)

(ug/kg =&gt; ppb solid)

522-LPNX

John H. Buck, P.E.  
Laboratory Director, ELAP ID 10795



# Laboratory Report

Lab Log No: 9806447

Client: DPRA ENVIRONMENTAL  
FIRST NATIONAL BANK BUILDING  
332 MINNESOTA ST, SUITE E-1500  
ST. PAUL MN 55101-  
Site: SMC - 17 1/2 BROAD STREET

Report Date: 07/16/98  
Sampling Date: 06/29/98  
Sampled By: R. HEIMBACH  
Date Received: 05/30/98  
Analyzed By: PAI  
Analyzed: 07/15/98

Sample ID: SOIL - MW-2 (25-27')

## SEMI-VOLATILES BY 8270

ANALYTE	CAS #	UNITS	DL	RESULTS
Aromaphene	93-52-9	ug/kg	167	ND
Aromatic hydrocarbons	203-06-8	ug/kg	167	ND
Anthracene	123-12-7	ug/kg	167	ND
Benz(c)anthracene	51-55-3	ug/kg	334	ND
Benz(d)pyrene	50-32-8	ug/kg	167	ND
Benz(e)anthracene	105-99-2	ug/kg	167	ND
Benz(g,h)perylene	191-34-2	ug/kg	167	ND
Benz(k)fluoranthene	207-08-9	ug/kg	167	ND
Benzal Acid	65-86-0	ug/kg	1673	ND
Benzyl Alcohol	100-51-6	ug/kg	668	ND
benzyl butyl phthalate	15-68-7	ug/kg	167	ND
BP(2-chlorophenyl)benzene	111-91-1	ug/kg	334	ND
BP(2-chlorophenyl)ether	111-44-4	ug/kg	334	ND
BP(2-chlorophenyl)ester	126-80-1	ug/kg	234	ND
BP(2-ethylhexyl)phenol	117-81-7	ug/kg	167	ND
Bromophenyl ether	101-95-1	ug/kg	167	ND
Chloro-3-methylphenol	58-53-7	ug/kg	167	ND
p-Chloraniline	104-47-6	ug/kg	668	ND
2-Chlorobiphenol	71-50-7	ug/kg	167	ND
2-Chlorophenol	51-87-2	ug/kg	167	ND
4-Chlorotoluyl phenyl ether	7025-72-3	ug/kg	167	ND
Chrysene	211-01-9	ug/kg	167	ND
Dinitrophenol	34-14-2	ug/kg	167	ND
Dinitrophenoxide	17-84-0	ug/kg	167	ND
Diphenylbenzene	62-70-3	ug/kg	167	ND
Diphenylbenzene	111-64-9	ug/kg	334	ND
1,2-Dichlorobenzene	95-40-1	ug/kg	167	ND
1,3-Dichlorobenzene	541-73-1	ug/kg	167	ND
1,4-Dichlorobenzene	136-45-7	ug/kg	167	ND
1,3-Dichlorobenzene	91-84-1	ug/kg	668	ND
2,4-Dichlorophenol	20-43-2	ug/kg	167	ND
O-Diaryl phthalate	84-06-2	ug/kg	167	ND
Diethyl phthalate	131-11-3	ug/kg	167	ND
2,4-Dimethoxyphenol	105-67-3	ug/kg	167	ND
4,6-Dinitro-2-naphthol	534-62-1	ug/kg	668	ND
1,4-Diisopropenyl	51-26-5	ug/kg	1673	ND
2,4-Dinitrophenol	21-14-2	ug/kg	334	ND
2,6-Dinitrobenzene	595-20-3	ug/kg	167	ND
Fluoranthene	226-44-0	ug/kg	167	ND
Fluorene	99-73-7	ug/kg	167	ND
Heptachlorobenzene	118-74-1	ug/kg	167	ND
Heptachlorobiphenyl	97-68-3	ug/kg	167	ND
Heptachlorocyclohexane	77-47-4	ug/kg	167	ND
Heptachloroethane	67-72-1	ug/kg	167	ND
Indeno(1,2,3-c,d)pyrene	53-26-5	ug/kg	167	ND
Isopropenone	78-50-1	ug/kg	167	ND
2-Methylazobisisobutyronitrile	31-57-6	ug/kg	334	ND
2-Methylphenol	55-10-7	ug/kg	334	ND
4-Methylbenzyl	106-14-6	ug/kg	334	ND
Methidienone	61-20-3	ug/kg	167	ND
2-Nitro-4-nitrophenol	68-74-4	ug/kg	1670	ND
3-Nitrobenzene	26-00-2	ug/kg	1670	ND
4-Nitrobenzene	130-01-06	ug/kg	1670	ND
Nitrobenzene	62-15-3	ug/kg	137	ND
2-Nitrophenol	86-75-5	ug/kg	167	ND
4-Nitrophenol	100-02-7	ug/kg	167	ND
p-Nitrobenzoic acid	621-64-7	ug/kg	167	ND
n-Nitrosodimethylamine	63-75-0	ug/kg	167	ND
n-Nitrosodiphenylamine	50-30-6	ug/kg	167	ND
Pentachlorobenzene	27-85-5	ug/kg	167	ND
Phenanthrene	25-01-1	ug/kg	334	ND
Phenol	101-55-2	ug/kg	167	ND
Piperine	129-00-0	ug/kg	167	ND
1,2,4-Trichlorobenzene	120-82-1	ug/kg	167	ND
2,4,5-Trichlorophenol	95-85-1	ug/kg	334	ND
2,4,6-Trichlorophenol	58-06-2	ug/kg	167	ND

This laboratory analysis has been performed in accordance with generally accepted laboratory practices and requirements of the New York State Department of Health ELEP Program. Buck Environmental Laboratories, Inc. makes no recommendations, representations or warranties other than as specifically set forth in this report and shall not be responsible or liable for any action or the consequences of any action taken in connection with this report.

(ND => not detected above DL indicated)

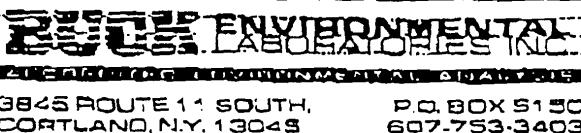
(NEG => not detected)

(DL => detection limit)

(ug/L => ppb in water)

(ppm = mg/L)

John H. Buck, P.E.  
Laboratory Director F.I.A.P. in 1977

**Laboratory Report**

Lab Log No: 9806447

Client: CPRA ENVIRONMENTAL  
FIRST NATIONAL BANK BUILDING  
332 MINNESOTA ST, SUITE E-1500  
ST. PAUL MN 55101

Report Date: 07/16/98  
Sampling Date: 06/29/98  
Sampled By: R. HEIMBACH  
Date Received: 06/30/98

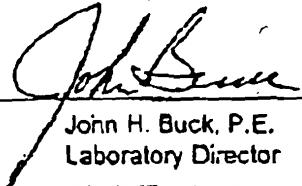
Site: SMC - 17 1/2 BROAD STREET

Sample ID: SOIL - MW-2 (25-27')

ANALYTE	METHOD	ANALYZED BY	UNITS	DL	RESULTS
Arsenic, total	200.7/6010	07/06/98	JLR	ug/g	10.9
Barium, total	200.7/6010	07/06/98	JLR	ug/g	41.3
Cadmium, total	200.7/6010	07/06/98	JLR	ug/g	1.92
Chromium, total	200.7/6010	07/06/98	JLR	ug/g	10.3
Digest	3050	07/02/98	LN	DATE	complete
Lead, total	200.7/6010	07/06/98	JLR	ug/g	11.6
Mercury, total	245.1/7471	07/07/98	JLR	ug/g	0.07
Selenium, total	200.7/6010	07/06/98	JLR	ug/g	ND
Silver, total	200.7/6010	07/06/98	JLR	ug/g	0.4
					ND

This laboratory analysis has been performed in accordance with generally accepted laboratory practices and requirements of the New York State Department of Health ELAP Program. Buck Environmental Laboratories, Inc. makes no recommendations, representations or warranties other than as specifically set forth in this report and shall not be responsible or liable for any action or the consequences of any action taken in connection with this report.

(ND => not detected above DL indicated)  
 (DL => detection limit)  
 (mg/L => ppm in water)  
 (ug/g => ppm in solid)



John H. Buck, P.E.  
Laboratory Director  
ELAP ID: 10795

**BUCK ENVIRONMENTAL**  
LABORATORIES, INC.6846 ROUTE 11 SOUTH, P.O. BOX 5150  
CORTLAND, N.Y. 13045 607-753-3403Report Date:  
Lab Log Number:07/23/98  
9806447**LABORATORY REPORT**

Client: DPRA Environmental  
First National Bank Building  
332 Minnesota St., Suite E-1500  
St. Paul, MN 55101

Site: SMC - 17 1/2 Broad Street

Sample Date: 06/29/98 by R. Heimbach

Samples: Soils

Method: Flame Ionization Detector, and/or GC/MS  
Adapted from NYSDOH 310-13 methodology

**TOTAL PETROLEUM HYDROCARBON**  
**QUANTITATION**

MW-1 (35-37')

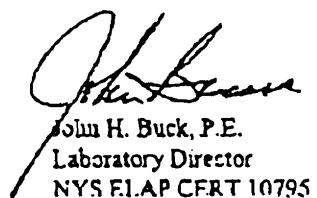
ND (&lt;170 ug/Kg)

MW-2 (25-27')

ND (&lt;170 ug/Kg)

ND - None detected greater than detection limit noted.

This analysis is certified as conforming to generally accepted laboratory practices and requirements of the New York State Health Department ELAP program.



John H. Buck, P.E.  
Laboratory Director  
NYS ELAP CERT 10795

**BUCK ENVIRONMENTAL**3845 ROUTE 11 SOUTH,  
CORTLAND, N.Y. 13045P.O. BOX 5150  
607-753-3403**Laboratory Report**  
**Lab Log No: 9806447**

Client: DPRA ENVIRONMENTAL  
 FIRST NATIONAL BANK BUILDNG  
 332 MINNESOTA ST, SUITE E-1500  
 ST. PAUL MN 55101-  
 Site: SMC - 17 1/2 BROAD STREET

Report Date: 07/16/98  
 Sampling Date: 06/29/98  
 Sampled By: R. HEIMBACH  
 Date Received: 06/30/98  
 Analyzed By: PAI  
 Analyzed: 07/07/98

Sample ID: SOIL - MW-2 (25-27')

VOLATILES BY EPA 8240

ANALYTE	CAS #	UNITS	DL	RESULTS
Acetone	67-64-1	ug/kg	100	ND
Benzene	71-43-2	ug/kg	5	ND
Bromodichloromethane	75-27-4	ug/kg	5	ND
Bromoform	75-25-2	ug/kg	5	ND
Bromomethane	74-83-9	ug/kg	10	25.7
Carbon disulfide	73-15-0	ug/kg	100	ND
Carbon tetrachloride	58-23-6	ug/kg	5	ND
Chlorobenzene	108-90-7	ug/kg	5	ND
Chloroethane	75-00-3	ug/kg	10	ND
2-Chloroethylvinyl ether	110-75-8	ug/kg	5	ND
Chloroform	67-66-3	ug/kg	5	ND
Chloromethane	74-87-3	ug/kg	10	ND
Dibromochloromethane	124-48-1	ug/kg	5	ND
1,2-Dichlorobenzene	95-50-1	ug/kg	5	ND
1,3-Dichlorobenzene	541-73-1	ug/kg	6	ND
1,4-Dichlorobenzene	105-46-7	ug/kg	5	ND
Dichlorodifluoromethane	75-71-8	ug/kg	5	ND
1,1-Dichloroethane	75-31-3	ug/kg	5	ND
1,2-Dichloroethane	107-08-2	ug/kg	5	ND
1,1-Dichloroethene	75-35-4	ug/kg	5	ND
cis-1,2-Dichloroethene	158-59-2	ug/kg	5	ND
trans-1,2-Dichloroethene	156-60-5	ug/kg	5	ND
1,2-Dichloropropene	78-87-5	ug/kg	5	ND
cis-1,3-Dichloropropene	10081-01-5	ug/kg	5	ND
trans-1,3-Dichloropropene	10081-02-6	ug/kg	6	ND
Ethybenzene	100-41-1	ug/kg	5	ND
Hexanone	591-78-6	ug/kg	50	ND
Methyl ethyl ketone	78-63-3	ug/kg	100	ND
4-Methyl-2-Pentanone	108-10-1	ug/kg	50	ND
Methylene Chloride	75-09-2	ug/kg	5	ND
Styrene	100-42-6	ug/kg	5	ND
1,1,2,2-Tetrachloroethane	79-34-5	ug/kg	5	ND
Tetrachloroethene	127-18-4	ug/kg	5	ND
Toluene	108-88-3	ug/kg	5	ND
1,1,1-Trichloroethane	71-55-6	ug/kg	5	ND
1,1,2-Trichloroethene	79-00-5	ug/kg	5	ND
Trichloroethene	79-01-6	ug/kg	5	ND
Trichlorofluoromethane	75-89-4	ug/kg	5	ND
Vinyl acetate	106-05-4	ug/kg	60	ND
Vinyl chloride	75-01-4	ug/kg	10	ND
xylenes(m,o,&p)	1330-30-7	ug/kg	5	ND

This laboratory analysis has been performed in accordance with generally accepted laboratory practices and requirements of the New York State Department of Health ELAP Program. Buck Environmental Laboratories, Inc. makes no recommendations, representations or warranties other than as specifically set forth in this report and shall not be responsible or liable for any action or the consequences of any action taken in connection with this report.

(ND =&gt; not detected above DL indicated)

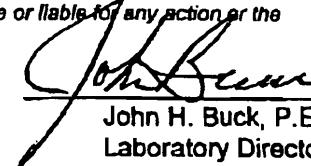
(NEG =&gt; not detected)

(DL =&gt; detection limit)

(ug/L =&gt; ppb in water)

(ug/kg =&gt; ppb solid)

0021.L.FOX



John H. Buck, P.E.  
 Laboratory Director, ELAP ID 10795

**BUCK ENVIRONMENTAL LABORATORIES INC.**  
APPROVED ENVIRONMENTAL ANALYSIS  
3845 ROUTE 11 SOUTH,  
CORTLAND, N.Y. 13049 P.O. BOX 5150  
607-753-3403

Client: DPRA ENVIRONMENTAL  
FIRST NATIONAL BANK BUILDING  
332 MINNESOTA ST. SUITE E-1600  
ST. PAUL MN 55101-  
Site: SMC - 17 1/2 BROAD STREET

# Laboratory Report

Lab Log No: 9807028

Report Date: 07/28/98  
Sampling Date: 06/30/98  
Sampled By: R. HEIMBACH  
Date Received: 07/02/98  
Analyzed By: PAI  
Analyzed: 07/27/98

Sample ID: SOIL - MW-3 (25-27)

## SEMI-VOLATILES BY 8270

ANALYTE	CAS #	UNITS	DL	RESULTS
Acamphathene	63-37-3	ug/kg	167	ND
Acenaphthene	208-95-8	ug/kg	167	ND
Anthracene	120-13-7	ug/kg	167	ND
Benzofuranone	55-65-3	ug/kg	324	ND
Benzofuranone	50-23-8	ug/kg	167	ND
Benzofuranone	205-96-3	ug/kg	167	ND
Benzofuranone	191-24-2	ug/kg	167	ND
Benzofuranone	207-05-8	ug/kg	167	ND
Benzofuranone	65-85-0	ug/kg	1670	ND
Benzofuranone	120-51-4	ug/kg	858	ND
Benzyl Alcohol	62-55-7	ug/kg	167	ND
Benzyl Butyl Phthalate	68-48-7	ug/kg	167	ND
Bis(2-Chloromethyl)ether	111-01-1	ug/kg	334	ND
Bis(2-Chloroethyl)ether	111-44-2	ug/kg	334	ND
Bis(2-Chloroethyl)ether	102-30-1	ug/kg	334	ND
Bis(2-Ethylhexyl)phthalate	117-81-2	ug/kg	167	ND
4-Bromocrotonylphenyl ether	101-53-3	ug/kg	167	ND
4-Croto-3-methylphenol	52-55-7	ug/kg	167	ND
1-Chloraniline	106-47-8	ug/kg	868	ND
2-Chloraniline	91-58-7	ug/kg	167	ND
2-Chlorophenol	95-57-8	ug/kg	167	ND
4-Chlorophenyl phenyl ether	7005-71-3	ug/kg	167	ND
Chrysene	210-01-9	ug/kg	167	ND
Dimethyl phthalate	32-71-2	ug/kg	167	ND
Dimethyl phthalate	117-84-0	ug/kg	167	ND
Dibenzofuranone	53-70-3	ug/kg	167	ND
Dibenzofuranone	122-44-0	ug/kg	334	ND
1,2-Dichlorobenzene	95-50-1	ug/kg	167	ND
1,3-Dichlorobenzene	54-12-1	ug/kg	167	ND
1,4-Dichlorobenzene	106-46-7	ug/kg	167	ND
3,3'-Ochreazone	81-92-1	ug/kg	268	ND
2,4-Dichlorophenol	120-43-2	ug/kg	167	ND
Dieldrin	64-66-2	ug/kg	167	ND
Dimethyl phthalate	131-11-1	ug/kg	167	ND
2,4-Dimethylphenol	105-87-9	ug/kg	167	ND
4,6-Dinitro-2-methylphenol	934-52-1	ug/kg	825	ND
2,4-Dinitrophenol	51-28-5	ug/kg	1670	ND
2,4-Dinitrophenol	121-14-2	ug/kg	334	ND
2,6-Dinitrophenol	128-20-2	ug/kg	167	ND
Furanone	226-64-0	ug/kg	167	ND
Furanone	23-75-7	ug/kg	167	ND
Hexachlorobutane	116-74-1	ug/kg	167	ND
Hexachlorobutane	67-68-3	ug/kg	167	ND
Hexachlorocyclopentadiene	77-47-4	ug/kg	167	ND
Hexachloroethane	67-72-1	ug/kg	167	ND
Indeno[1,2,3-c]pyrene	113-39-5	ug/kg	167	ND
Isophorone	78-59-1	ug/kg	167	ND
2-Methylanthracene	91-57-0	ug/kg	234	ND
2-Naphthol	95-46-7	ug/kg	334	ND
4-Methylphenol	126-44-5	ug/kg	334	ND
Naphthalene	91-20-3	ug/kg	167	ND
2-Nitroaniline	24-74-4	ug/kg	1670	ND
2-Nitroaniline	60-09-2	ug/kg	1670	ND
4-Nitroaniline	1020-06-0	ug/kg	1670	ND
Nitrobenzene	93-62-3	ug/kg	167	ND
2-Nitrophenol	68-73-5	ug/kg	167	ND
4-Nitrophenol	100-52-7	ug/kg	167	ND
p-Nitroso-N- <i>n</i> -propylamine	421-64-7	ug/kg	167	ND
p-Nitrosodimethylamine	62-75-4	ug/kg	167	ND
p-Nitrosodiphenylamine	55-30-6	ug/kg	167	ND
Pentaethoxyethane	87-68-6	ug/kg	167	ND
Phenanthrene	85-01-8	ug/kg	334	ND
Phenol	108-95-2	ug/kg	167	ND
Phenol	123-30-0	ug/kg	167	ND
1,2,4-Trichlorobenzene	120-42-1	ug/kg	167	ND
2,4,6-Trichlorophenol	15-93-4	ug/kg	334	ND
2,4,6-Trichlorophenol	45-06-2	ug/kg	167	ND

This laboratory analysis has been performed in accordance with generally accepted laboratory practices and requirements of the New York State Department of Health ELAP Program. Buck Environmental Laboratories, Inc. makes no recommendations, representations or warranties other than as specifically set forth in this report and shall not be responsible or liable for any action or the consequences of any action taken in connection with this report.

(ND =&gt; not detected above DL indicated)

(NEG =&gt; not detected)

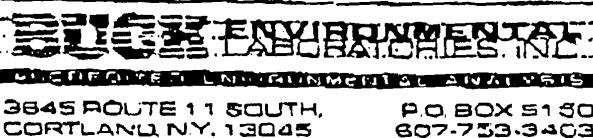
(DL =&gt; detection limit)

(ug/L =&gt; ppb in water)

(ug/kg =&gt; ppb solid)



John H. Buck, P.E.  
Laboratory Director



**Laboratory Report**  
**Lab Log No: 9807028**

Client: DPR ENVIRONMENTAL  
FIRST NATIONAL BANK BUILDING  
332 MINNESOTA ST, SUITE E-1500  
ST. PAUL MN 55101-

Report Date: 07/16/98  
Sampling Date: 06/30/98  
Sampled By: R. HEIMBACH  
Date Received: 07/02/98

Site: SMC - 17 1/2 BROAD STREET

Sample ID: SOIL - MW-3 (25-27)

ANALYTE	METHOD	ANALYZED BY	UNITS	DL	RESULTS
Arsenic, total	200.7/6010	07/13/98	JLR	ug/g	1
Barium, total	200.7/6010	07/13/98	JLR	ug/g	1
Cadmium, total	200.7/6010	07/13/98	JLR	ug/g	0.1
Chromium, total	200.7/6010	07/13/98	JLR	ug/g	1
Digest	3050	07/10/98	LN	DATE	0
Lead, total	200.7/6010	07/13/98	JLR	ug/g	1
Mercury, total	245.1/7471	07/13/98	JLR	ug/g	0.07
Selenium, total	200.7/6010	07/13/98	JLR	ug/g	0.3
Silver, total	200.7/6010	07/13/98	JLR	ug/g	0.4
					ND

This laboratory analysis has been performed in accordance with generally accepted laboratory practices and requirements of the New York State Department of Health ELAP Program. Buck Environmental Laboratories, Inc. makes no recommendations, representations or warranties other than as specifically set forth in this report and shall not be responsible or liable for any action or the consequences of any action taken in connection with this report.

(ND => not detected above DL indicated)  
(DL => detection limit)  
(mg/L => ppm in water)  
(ug/g => ppm in solid)

John H. Buck, P.E.  
Laboratory Director  
ELAP ID: 10795

**BUCK ENVIRONMENTAL**  
LABORATORIES INC.  
~~ENVIRONMENTAL ANALYSIS~~

3845 ROUTE 11 SOUTH  
CORTLAND, N.Y. 13045

P.O. BOX 5150  
607-753-3403

Report Date: 07/28/98  
Lab Log Number: 9807028

### LABORATORY REPORT

Client: DPRA Environmental  
First National Bank Building  
332 Minnesota St., Suite E-1500  
St. Paul, MN 55101

Site: SMC - 17 1/2 Broad Street

Sample Date: 06/30/98 by R. Heimbach

Samples: Soils

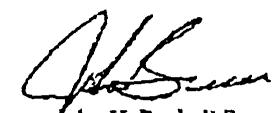
Method: Flame Ionization Detector, and/or GC/MS  
Adapted from NYSDOH 310-13 methodology

### TOTAL PETROLEUM HYDROCARBON QUANTITATION

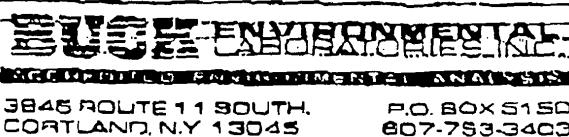
SP-1 (2.5 - 4.4')	85,300 ug/Kg as lubrication oil
SP-2 (0 - 2')	49,300 ug/Kg as lubrication oil
SP-3 (0 - 2')	19,200 ug/Kg as lubrication oil
SP-3 (4 - 6')	13,000 ug/Kg as lubrication oil
MW-3 (25 - 27')	ND (<170 ug/Kg)

ND • None detected greater than detection limit noted.

This analysis is certified as conforming to generally accepted laboratory practices and requirements of the New York State Health Department ELAP program.



John H. Buck, P.E.  
Laboratory Director  
NYS ELAP CERT 10795



## Laboratory Report

Lab Log No: 9807028

Client: DPR ENVIRONMENTAL  
FIRST NATIONAL BANK BUILDING  
332 MINNESOTA ST, SUITE E-1500  
ST. PAUL MN 55101-  
Site: SMC - 17 1/2 BROAD STREET

Report Date: 07/16/98  
Sampling Date: 06/30/98  
Sampled By: R. HEIMBACH  
Date Received: 07/02/98  
Analyzed By: FAI  
Analyzed: 07/08/98

Sample ID: SOIL - MW-3 (25-27)

## VOLATILES BY EPA 8240

ANALYTE	CAS #	UNITS	DL	RESULTS
Azobine	67-64-1	ug/kg	100	ND
Benzene	71-43-2	ug/kg	5	ND
Bromodichloromethane	75-27-4	ug/kg	5	ND
Bromoform	75-25-2	ug/kg	5	ND
Bromomethane	74-83-0	ug/kg	10	ND
Carbon disulfide	75-15-0	ug/kg	5	ND
Carbon tetrachloride	56-21-5	ug/kg	5	ND
Chlorobutane	108-00-7	ug/kg	5	ND
Chloroform	75-00-3	ug/kg	10	ND
2-Chloroethyl vinyl ether	119-75-6	ug/kg	5	ND
Chloroform	67-00-3	ug/kg	5	ND
Chloromethane	72-17-3	ug/kg	10	ND
Dibromochloromethane	124-48-1	ug/kg	5	ND
1,2-Dichloroethane	95-50-1	ug/kg	5	ND
1,3-Dichloropropane	541-73-1	ug/kg	5	ND
1,4-Dichloroethene	126-68-7	ug/kg	5	ND
Dichlorodifluoromethane	75-71-8	ug/kg	5	ND
1,1-Dichloroethane	75-34-3	ug/kg	5	ND
1,2-Dichloroethane	107-06-2	ug/kg	5	ND
1,1-Dichloroethene	75-15-4	ug/kg	5	ND
alpha,1-Dichloroethane	136-59-2	ug/kg	5	ND
beta,1-Dichloroethane	156-80-6	ug/kg	5	ND
1,2-Dichloropropane	78-57-5	ug/kg	5	ND
alpha,1-Dichloropropene	10061-01-6	ug/kg	5	ND
trans,1,3-Dichloropropene	10061-02-2	ug/kg	5	ND
Ethyldene	100-41-1	ug/kg	5	ND
Mesidine	581-78-6	ug/kg	50	ND
Methyl ethyl ketone	78-35-3	ug/kg	100	ND
4-Methyl-2-Pentanone	108-10-1	ug/kg	50	ND
Methylene Chloride	75-00-2	ug/kg	5	ND
Silene	100-42-3	ug/kg	5	ND
1,1,2,2-Tetrachloroethane	75-34-5	ug/kg	5	ND
Tetrachloroethene	127-18-4	ug/kg	5	ND
Toluene	108-88-3	ug/kg	5	ND
1,1,1-Trichloroethane	71-53-8	ug/kg	5	ND
1,1,2-Trichloroethane	78-00-6	ug/kg	5	ND
Trichloroethane	79-01-6	ug/kg	5	ND
Trichlorofluoromethane	75-69-4	ug/kg	5	ND
V,V'-Acetals	100-00-4	ug/kg	50	ND
V-V' dichloro	75-01-4	ug/kg	10	ND
Vinylidene chloride	1530-20-7	ug/kg	5	ND

This laboratory analysis has been performed in accordance with generally accepted laboratory practices and requirements of the New York State Department of Health ELAP Program. Buck Environmental Laboratories, Inc. makes no recommendations, representations or warranties other than as specifically set forth in this report and shall not be responsible or liable for any action or the consequences of any action taken in connection with this report.

(ND =&gt; not detected above DL, TRT treated)

(NEG =&gt; not detected)

(DL =&gt; detection limit)

(ug/L =&gt; ppb in water)

(ug/kg =&gt; ppb solid)

MAY 1998

John H. Buck, P.E.  
Laboratory Director, ELAP ID 10795

**BUCK ENVIRONMENTAL**

 3845 ROUTE 11 SOUTH,  
 CORTLAND, N.Y. 13045

 P.O. BOX 5150  
 807-753-3403

**Laboratory Report**

Lab Log No: 9807028

Client: DPRA ENVIRONMENTAL  
 FIRST NATIONAL BANK BUILDING  
 332 MINNESOTA ST, SUITE E-1500  
 ST. PAUL MN 55101-

Site: SMC - 17 1/2 BROAD STREET

Report Date: 07/28/98  
 Sampling Date: 06/30/98  
 Sampled By: R. HEIMBACH  
 Date Received: 07/02/98  
 Analyzed By: PAI  
 Analyzed: 07/16/98

**Sample ID: SOIL - SP-1 (2.5-4.4')**
**SEMI-VOLATILES BY 8270**

ANALYTE	CAS #	UNITS	DL	RESULTS
Acenaphthene	63-32-9	ug/kg	835	ND
Acenaphthylene	206-06-8	ug/kg	835	ND
Anthracene	120-12-7	ug/kg	835	ND
Benz(a)anthracene	56-55-3	ug/kg	1670	ND
Benz(a)pyrene	50-32-8	ug/kg	835	ND
Benz(b)fluoranthene	205-09-2	ug/kg	835	ND
Benz(g)perylene	191-24-2	ug/kg	835	ND
Benz(k)fluoranthene	207-08-8	ug/kg	835	ND
Benzoic Acid	65-85-0	ug/kg	8350	ND
Benzyl Alcohol	100-51-8	ug/kg	3340	ND
Benzyl butyl phthalate	65-68-7	ug/kg	835	ND
Bis(2-chloroethyl)ether	111-91-1	ug/kg	1670	ND
Bis(2-chloroethyl)ether	111-44-4	ug/kg	1670	ND
Bis(2-chloroethylpropyl)ether	108-60-1	ug/kg	1670	ND
Bis(2-ethylhexyl)phthalate	117-31-7	ug/kg	835	ND
4-Bromophenylphenyl ether	101-65-3	ug/kg	835	ND
4-Chloro-3-methylphenol	59-50-7	ug/kg	835	ND
p-Chloraniline	108-47-8	ug/kg	3340	ND
2-Chloranaphthalene	91-58-7	ug/kg	835	ND
2-Chlorophenol	95-67-8	ug/kg	835	ND
4-Chlorophenyl phenyl ether	7005-72-3	ug/kg	836	ND
Chrysene	218-01-8	ug/kg	835	ND
Di-n-butyl phthalate	84-74-2	ug/kg	835	ND
Di-n-octyl phthalate	117-84-0	ug/kg	835	ND
Dibenz(a,h)anthracene	63-70-3	ug/kg	835	ND
Dibenzofuran	132-84-9	ug/kg	1670	ND
1,2-Dichlorobenzene	98-50-1	ug/kg	835	ND
1,3-Dichlorobenzene	541-73-1	ug/kg	836	ND
1,4-Dichlorobenzene	105-46-7	ug/kg	835	ND
3,3'-Dichlorobenzidine	91-64-1	ug/kg	3340	ND
2,4-Dichlorophenol	120-83-2	ug/kg	835	ND
Diethyl phthalate	84-88-2	ug/kg	835	ND
Dimethyl phthalate	131-11-3	ug/kg	835	ND
2,4-Dimethylphenol	105-67-9	ug/kg	835	ND
4,6-Dinitro-2-methylphenol	534-52-1	ug/kg	4175	ND
2,4-Dinitrophenol	51-28-5	ug/kg	8350	ND
2,4-Dinitrotoluene	121-14-2	ug/kg	1670	ND
2,6-Dinitrotoluene	606-20-2	ug/kg	835	ND
Fluoranthene	208-44-0	ug/kg	835	ND
Fluorene	86-73-7	ug/kg	835	ND
Hexachlorobenzene	118-74-1	ug/kg	835	ND
Hexachlorobutadiene	87-55-3	ug/kg	835	ND
Hexachlorocyclopentadiene	77-47-4	ug/kg	835	ND
Hexachloroethane	67-72-1	ug/kg	835	ND
Indeno(1,2,3-c,d)pyrene	193-36-5	ug/kg	835	ND
Iaphorone	78-58-1	ug/kg	835	ND
2-Methylnaphthalene	81-57-8	ug/kg	1670	ND
2-Methylphenol	85-48-7	ug/kg	1670	ND
4-Methylphenol	108-44-5	ug/kg	1670	ND
Naphthalene	91-20-3	ug/kg	835	ND
2-Nitroaniline	88-74-4	ug/kg	8350	ND
3-Nitroaniline	95-09-2	ug/kg	8350	ND
4-Nitroaniline	100-01-06	ug/kg	8350	ND
Nitrobenzene	98-95-3	ug/kg	835	ND
2-Nitrophenol	88-75-5	ug/kg	835	ND
4-Nitrophenol	100-02-7	ug/kg	835	ND
n-Nitroso-n-propylamine	621-64-7	ug/kg	835	ND
n-Nitrosodimethylamine	62-75-0	ug/kg	835	ND
n-Nitrosodiphenylamine	86-30-6	ug/kg	835	ND
Pentachlorophenol	87-88-6	ug/kg	835	ND
Phenanthrene	85-01-8	ug/kg	1670	ND
Phenol	108-95-2	ug/kg	835	ND
Pyrene	129-00-0	ug/kg	835	ND
1,2,4-Trichlorobenzene	120-82-1	ug/kg	835	ND
2,4,5-Trichlorophenol	95-95-4	ug/kg	1670	ND
2,4,6-Trichlorophenol	88-06-2	ug/kg	835	ND

This laboratory analysis has been performed in accordance with generally accepted laboratory practices and requirements of the New York State Department of Health ELAP Program. Buck Environmental Laboratories, Inc. makes no recommendations, representations or warranties other than as specifically set forth in this report and shall not be responsible or liable for any action or the consequences of any action taken in connection with this report.

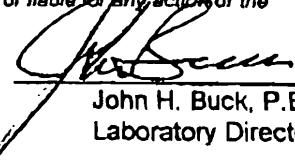
(ND =&gt; Not detected above DL indicated)

(NEG =&gt; not detected)

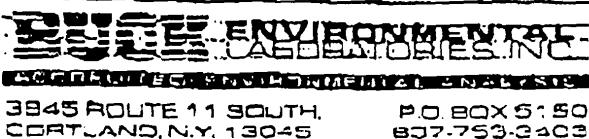
(DL =&gt; detection limit)

(ug/L =&gt; ppb in water)

(ug/kg =&gt; ppb solid)


 John H. Buck, P.E.

Laboratory Director, ELAP ID 10795



# Laboratory Report

Lab Log No: 9807028

Client: DPR ENVIRONMENTAL  
FIRST NATIONAL BANK BUILDING  
332 MINNESOTA ST, SUITE E-1500  
ST. PAUL MN 55101-  
Site: SMC - 17 1/2 BROAD STREET

Report Date: 07/16/98  
Sampling Date: 06/30/98  
Sampled By: R. HEIMBACH  
Date Received: 07/02/98

Sample ID: SOIL - SP-1 (2.5-4.4")

ANALYTE	METHOD	ANALYZED BY	UNITS	DL	RESULTS
Arsenic, total	200.7/6010	07/13/98	JLR	ug/g	1
Barium, total	200.7/6010	07/13/98	JLR	ug/g	1
Cadmium, total	200.7/6010	07/13/98	JLR	ug/g	0.1
Chromium, total	200.7/6010	07/13/98	JLR	ug/g	1
Digest	3050	07/10/98	LN	DATE	complete
Lead, total	200.7/6010	07/13/98	JLR	ug/g	1
Mercury, total	245.1/7471	07/13/98	JLR	ug/g	0.07
Selenium, total	200.7/6010	07/13/98	JLR	ug/g	0.3
Silver, total	200.7/6010	07/13/98	JLR	ug/g	0.4
					ND

This laboratory analysis has been performed in accordance with generally accepted laboratory practices and requirements of the New York State Department of Health ELAP Program. Buck Environmental Laboratories, Inc. makes no recommendations, representations or warranties other than as specifically set forth in this report and shall not be responsible or liable for any action or the consequences of any action taken in connection with this report.

(ND => not detected above DL indicated)  
(DL => detection limit)  
(mg/L => ppm in water)  
(ug/g => ppm in solid)

John H. Buck, P.E.  
Laboratory Director  
ELAP ID: 10795

**BUCK ENVIRONMENTAL  
LABORATORIES INC.**  
**ENVIRONMENTAL ANALYSIS**  
3845 ROUTE 11 SOUTH  
SCOTLAND, N.Y. 13045  
P.O. BOX 5150  
507-753-3403

Report Date: 07/28/98  
Lab Log Number: 9807028

### LABORATORY REPORT

Client: DPRA Environmental  
First National Bank Building  
332 Minnesota St., Suite E-1500  
St. Paul, MN 55101

Site: SMC - 17 1/2 Broad Street

Sample Date: 06/30/98 by R. Heimbach

Samples: Soils

Method: Flame Ionization Detector, and/or GCMS  
Adapted from NYSDOH 310-13 methodology

### TOTAL PETROLEUM HYDROCARBON QUANTITATION

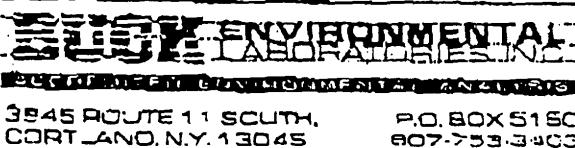
SP-1 (2.5 - 4.4')	85,300 ug/Kg as lubrication oil
SP-2 (0 - 2')	49,300 ug/Kg as lubrication oil
SP-3 (0 - 2')	19,200 ug/Kg as lubrication oil
SP-3 (4 - 6')	13,000 ug/Kg as lubrication oil
MW-3 (25 - 27')	ND (<170 ug/Kg)

ND = None detected greater than detection limit noted.

This analysis is certified as conforming to generally accepted laboratory practices and requirements of the New York State Health Department ELAP program.



John H. Buck, P.E.  
Laboratory Director  
NYS ELAP CERT 10795



Client: DPRA ENVIRONMENTAL  
FIRST NATIONAL BANK BUILDING  
1332 MINNESOTA ST, SUITE E-1500  
ST. PAUL MN 55101-  
Site: SMC - 17 1/2 BROAD STREET

# Laboratory Report

Lab Log No: 9807028

Report Date: 07/16/98  
Sampling Date: 06/30/98  
Sampled By: R. HEIMBACH  
Date Received: 07/02/98  
Analyzed By: PAI  
Analyzed: 07/08/98

Sample ID: SOIL - SP-1 (2.5-4.4')

## VOLATILES BY EPA 8240

ANALYTE	CAS #	UNITS	DL	RESULTS
Acetone	67-64-1	ug/L	100	ND
Benzene	71-43-2	ug/L	5	ND
Bromoacetylacetone	75-27-1	ug/L	5	ND
Bromolane	73-25-2	ug/L	5	ND
Bromomethane	74-83-9	ug/L	10	ND
Carbon disulfide	75-15-0	ug/L	100	ND
Carbon tetrachloride	56-22-8	ug/L	5	ND
Chlorobutane	108-90-7	ug/L	5	ND
Chloroform	75-00-5	ug/L	10	ND
2-Chlorobutyl vinyl ether	110-75-8	ug/L	5	ND
Chloroform	67-56-3	ug/L	5	ND
Chloromethane	74-87-3	ug/L	10	ND
Dibromoacetylene	124-48-1	ug/L	5	ND
1,2-Dichloroethane	86-52-1	ug/L	5	ND
1,3-Dichloroethane	541-73-1	ug/L	5	ND
1,4-Dichloroethene	108-46-7	ug/L	5	ND
Dichlorodifluoromethane	76-71-8	ug/L	5	ND
1,1-Dichloroethane	75-31-3	ug/L	5	ND
1,2-Dichloroethane	157-06-2	ug/L	5	ND
1,1-Dichloroethene	78-35-4	ug/L	5	ND
trans-1,2-Dichloroethene	66-89-2	ug/L	5	ND
trans-1,2-Dichloroethene	156-90-5	ug/L	5	ND
1,2-Dichloropropane	76-47-6	ug/L	5	ND
cis-1,3-Dichloropropene	10081-01-5	ug/L	5	ND
trans-1,3-Dichloropropene	10081-02-6	ug/L	5	ND
Ethyldiurethane	100-41-1	ug/L	5	ND
Heptane	591-18-5	ug/L	50	ND
Methyl ethyl ketone	78-63-2	ug/L	50	ND
4-Methyl-2-pentene	108-10-1	ug/L	50	ND
2-Nonyne	75-09-2	ug/L	5	ND
Oxane	100-42-5	ug/L	5	ND
1,1,2,2-Tetrahydroethane	79-34-5	ug/L	5	ND
Tetrahydrofuran	127-15-4	ug/L	5	ND
Toluene	100-48-3	ug/L	5	ND
1,1,1-Trichloroethane	71-45-8	ug/L	5	ND
1,1,2,2-Tetrachloroethane	76-00-6	ug/L	5	ND
Tetrachloroethene	72-01-6	ug/L	5	ND
7-Chlorotoluene	75-62-4	ug/L	5	ND
Vinyl acetate	108-35-4	ug/L	50	ND
Vinyl chloride	75-01-4	ug/L	10	ND
α-vinylbenzene	1330-30-7	ug/L	5	ND

This laboratory analysis has been performed in accordance with generally accepted laboratory practices and requirements of the New York State Department of Health ELAP Program. Buck Environmental Laboratories, Inc. makes no recommendations, representations or warranties other than as specifically set forth in this report and shall not be responsible or liable for any action or the consequences of any action taken in connection with this report.

(ND =&gt; not detected above DL indicated)

(NEG =&gt; not detected)

(DL =&gt; detection limit)

(ug/L =&gt; ppb in water)

(ug/kg =&gt; ppb solid)

PMSL.PX

John H. Buck, P.E.  
Laboratory Director, ELAP ID 10798



Laboratory Report  
Lab Log No: 9807028

Client: DPRA ENVIRONMENTAL  
FIRST NATIONAL BANK BUILDING  
332 MINNESOTA ST. SUITE E-1500  
ST. PAUL MN 55101-  
Site: SMC - 17 1/2 BROAD STREET

Report Date: 08/05/98  
Sampling Date: 06/30/98  
Sampled By: R. HEIMBACH  
Date Received: 07/02/98  
Analyzed By: JK  
Analyzed: 08/04/98

Sample ID: SOIL - SP-1 (2.5-4.4')		PCB IN SOLIDS		
ANALYTE	CAS #	UNITS	DL	RESULTS
Aroclor 1016	12674-11-2	ug/g	0.05	ND
Aroclor 1221	11104-28-2	ug/g	0.05	ND
Aroclor 1232	11141-16-5	ug/g	0.05	ND
Aroclor 1242	53469-21-9	ug/g	0.05	ND
Aroclor 1248	12672-29-0	ug/g	0.05	ND
Aroclor 1254	11097-69-1	ug/g	0.05	ND
Aroclor 1260	11096-82-5	ug/g	0.05	ND

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(ND => not detected above DL indicated)  
(NEG => not detected)

8/5/98 FAX

John H. Buck, P.E.  
Laboratory Director  
ELAP ID 10795

**BUCK ENVIRONMENTAL**  
**LABORATORIES INC.**

3846 ROUTE 11 SOUTH,  
CORTLAND, N.Y. 13043

P.O. BOX 5150  
807-753-3403

**Laboratory Report**

Lab Log No: 9807028

Client: DPRA ENVIRONMENTAL  
FIRST NATIONAL BANK BUILDING  
332 MINNESOTA ST, SUITE E-1500  
ST. PAUL MN 55101-  
Site: SMC - 17 1/2 BROAD STREET

Report Date: 07/28/98  
Sampling Date: 06/30/98  
Sampled By: R. HEIMBACH  
Date Received: 07/02/98  
Analyzed By: PAI  
Analyzed: 07/27/98

Sample ID: SOIL - SP-2 (0-2')

SEMI-VOLATILES BY 8270

ANALYTE	CAS #	UNITS	DL	RESULTS
Acenaphthene	63-32-9	ug/kg	167	ND
Acenaphthylene	209-98-8	ug/kg	167	ND
Anthracene	120-12-7	ug/kg	167	ND
Benz(a)anthracene	58-55-3	ug/kg	334	691
Benz(a)pyrene	50-32-8	ug/kg	167	709
Benz(b)fluoranthene	205-99-2	ug/kg	167	803
Benz(g,h)perylene	181-24-2	ug/kg	167	334
Benz(k)fluoranthene	207-06-9	ug/kg	167	680
Benzoid Acid	85-85-0	ug/kg	1670	903
Benzyl Alcohol	100-51-6	ug/kg	668	ND
Benzyl butyl phthalate	85-68-7	ug/kg	167	ND
Bis(2-chloroethoxy)methane	111-91-1	ug/kg	334	ND
Bis(2-chloroethyl)ether	111-44-4	ug/kg	234	ND
Bis(2-chloroethyl)propyl ether	108-80-1	ug/kg	334	ND
Bis(2-ethylhexyl)phthalate	117-81-7	ug/kg	167	ND
4-Bromophenylphenyl ether	101-55-3	ug/kg	167	ND
4-Chloro-3-methylphenol	58-60-7	ug/kg	167	ND
p-Chloronitroline	106-47-8	ug/kg	668	ND
2-Chloranaphthalene	91-58-7	ug/kg	167	ND
2-Chlorophenol	95-57-8	ug/kg	167	ND
4-Chlorophenyl phenyl ether	7005-72-3	ug/kg	167	ND
Chrysene	218-01-9	ug/kg	167	241
Di-n-butyl phthalate	64-74-2	ug/kg	167	ND
Di-n-octyl phthalate	117-84-0	ug/kg	167	ND
Dibenz(a,h)anthracene	53-70-3	ug/kg	167	187
Dibenzofuran	132-64-9	ug/kg	334	ND
1,2-Dichlorobenzene	85-50-1	ug/kg	167	ND
1,3-Dichlorobenzene	641-73-1	ug/kg	167	ND
1,4-Dichlorobenzene	108-46-7	ug/kg	167	ND
2,3-Dichlorobenzidine	91-84-1	ug/kg	668	ND
2,4-Dichlorophenol	120-83-2	ug/kg	167	ND
Diethyl phthalate	64-68-2	ug/kg	167	ND
Dimethyl phthalate	131-11-3	ug/kg	167	ND
2,4-Dimethylphenol	105-67-9	ug/kg	167	ND
4,6-Dinitro-2-methylphenol	534-52-1	ug/kg	635	ND
2,4-Dinitrophenol	51-28-6	ug/kg	1670	ND
2,4-Dinitrotoluene	121-14-2	ug/kg	534	ND
2,6-Dinitrotoluene	608-20-2	ug/kg	167	ND
Fluorene	205-44-0	ug/kg	167	1270
Fluorene	86-73-7	ug/kg	167	1210
Hexachlorobenzene	118-74-1	ug/kg	167	ND
Hexachlorobutadiene	87-68-3	ug/kg	167	ND
Hexachlorocyclopentadiene	77-47-4	ug/kg	167	ND
Hexachloroethane	67-72-1	ug/kg	167	ND
Indeno(1,2,3-c,d)pyrene	193-39-5	ug/kg	167	380
Isoaphorone	78-59-1	ug/kg	167	ND
2-Methylheptalene	91-57-6	ug/kg	334	ND
2-Methylphenol	95-48-7	ug/kg	334	ND
4-Methylphenol	106-44-5	ug/kg	334	ND
Naphthalene	91-20-3	ug/kg	167	ND
2-Nitroazine	88-74-4	ug/kg	1670	ND
3-Nitroazine	98-09-2	ug/kg	1670	ND
4-Nitroazine	100-01-06	ug/kg	1670	ND
Nitrobenzene	98-05-3	ug/kg	167	ND
2-Nitrophenol	88-76-6	ug/kg	167	ND
4-Nitrophenol	100-02-7	ug/kg	167	ND
n-Nitrosod-n-propylamine	621-84-7	ug/kg	167	ND
n-Nitrosodimethylamine	62-75-9	ug/kg	167	ND
n-Nitrosodiphenylamine	86-30-6	ug/kg	167	ND
Pentachlorophenol	87-85-6	ug/kg	167	ND
Phenanthrene	85-01-8	ug/kg	334	ND
Phenol	108-95-2	ug/kg	167	ND
Pyrene	129-00-0	ug/kg	167	771
1,2,4-Trichlorobenzene	120-82-1	ug/kg	167	ND
2,4,6-Trichlorophenol	95-95-4	ug/kg	334	ND
2,4,6-Trichlorophenol	88-06-2	ug/kg	167	ND

This laboratory analysis has been performed in accordance with generally accepted laboratory practices and requirements of the New York State Department of Health ELAP Program. Buck Environmental Laboratories, Inc. makes no recommendations, representations or warranties other than as specifically set forth in this report and shall not be responsible or liable for any action or the consequences of any action taken in connection with this report.

(ND => not detected above DL indicated)

(NEG => not detected)

(DL => detection limit)

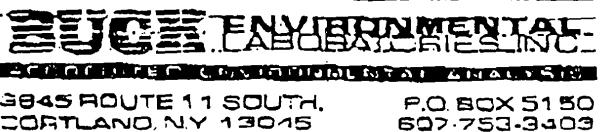
(ug/L => ppb in water)

(ug/kg => ppb solid)

SOIL.FRX

John H. Buck, P.E.

Laboratory Director, ELAP ID 10795



Laboratory Report  
Lab Log No: 9807028

Client: DPRA ENVIRONMENTAL  
FIRST NATIONAL BANK BUILDING  
332 MINNESOTA ST. SUITE E-1500  
ST. PAUL MN 55101-

Report Date: 07/16/98  
Sampling Date: 06/30/98  
Sampled By: R. HEIMBACH  
Date Received: 07/02/98

Site: SMC - 17 1/2 BROAD STREET

Sample ID: SOIL - SP-2 (0-2')

ANALYTE	METHOD	ANALYZED BY	UNITS	DL	RESULTS	
Arsenic, total	200.7/6010	07/13/98	JLR	ug/g	1	6.31
Barium, total	200.7/6010	07/13/98	JLR	ug/g	1	55.8
Cadmium, total	200.7/6010	07/13/98	JLR	ug/g	0.1	2.52
Chromium, total	200.7/6010	07/13/98	JLR	ug/g	1	17.7
Digest	3050	07/10/98	LN	DATE	0	complete
Lead, total	200.7/6010	07/13/98	JLR	ug/g	1	50.7
Mercury, total	245.1/7471	07/13/98	JLR	ug/g	0.07	0.095
Selenium, total	200.7/6010	07/13/98	JLR	ug/g	0.3	ND
Silver, total	200.7/6010	07/13/98	JLR	ug/g	0.4	ND

This laboratory analysis has been performed in accordance with generally accepted laboratory practices and requirements of the New York State Department of Health ELAP Program. Buck Environmental Laboratories, Inc. makes no recommendations, representations or warranties other than as specifically set forth in this report and shall not be responsible or liable for any action or the consequences of any action taken in connection with this report.

(ND => not detected above DL indicated)  
(DL => detection limit)  
(mg/L => ppm in water)  
(ug/g => ppm in solid)

John H. Buck, P.E.  
Laboratory Director

ELAP ID: 10795

**BUCK ENVIRONMENTAL**

LABORATORIES INC.

SPECIALISTS IN ENVIRONMENTAL ANALYSIS

3845 ROUTE 11 SOUTH P.O. BOX 5150  
CORTLAND, N.Y. 13045 607-753-3403Report Date: 07/28/98  
Lab Log Number: 9807028**LABORATORY REPORT**

Client: DPRA Environmental  
First National Bank Building  
332 Minnesota St., Suite E-1500  
St. Paul, MN 55101

Site: SMC - 17 1/2 Broad Street

Sample Date: 06/30/98 by R. Heimbach

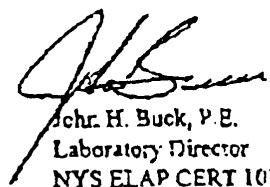
Samples: Soils

Method: Flame Ionization Detector, and/or GC/MS  
Adapted from NYSDOH 310-13 methodology**TOTAL PETROLEUM HYDROCARBON**  
**QUANTITATION**

SP-1 (2.5 - 4.4')	85,300 ug/Kg as lubrication oil
SP-2 (0 - 2')	49,300 ug/Kg as lubrication oil
SP-3 (0 - 2')	19,200 ug/Kg as lubrication oil
SP-3 (4 - 6')	13,000 ug/Kg as lubrication oil
MW-3 (25 - 27')	ND (<170 ug/Kg)

ND - None detected greater than detection limit noted.

This analysis is certified as conforming to generally accepted laboratory practices and requirements of the New York State Health Department ELAP program.

  
John H. Buck, P.E.  
Laboratory Director  
NYS ELAP CERT 10795

# BUCK ENVIRONMENTAL

LABORATORIES INC.

INTEGRATED ENVIRONMENTAL ANALYSIS

3845 ROUTE 11 SOUTH,  
CORTLAND, N.Y. 13045

P.O. BOX 5150  
607-753-3403

Client: DPRA ENVIRONMENTAL  
FIRST NATIONAL BANK BUILDING  
332 MINNESOTA ST, SUITE E-1500  
ST. PAUL MN 55101-  
Site: SMC - 17 1/2 BROAD STREET

## Laboratory Report

Lab Log No: 9807028

Report Date: 07/16/98  
Sampling Date: 06/30/98  
Sampled By: R. HEIMBACH  
Date Received: 07/02/98  
Analyzed By: PAI  
Analyzed: 07/08/98

Sample ID: SOIL - SP-2 (0-2')

### VOLATILES BY EPA 8240

ANALYTE	CAS #	UNITS	DL	RESULTS
Acetone	67-04-1	ug/L	100	ND
Benzene	71-43-2	ug/L	5	ND
Bromoethane	75-27-4	ug/L	5	ND
Brondum	75-25-2	ug/L	5	ND
Bromochloroethane	74-83-8	ug/L	10	ND
Carbon tetrachloride	75-15-0	ug/L	100	ND
Carbon tetrachloride	58-73-5	ug/L	5	ND
CHlorobenzene	106-40-7	ug/L	5	ND
CHloroform	75-00-3	ug/L	10	ND
2-Chlorotoluene	110-75-8	ug/L	5	ND
Chloroform	57-48-3	ug/L	5	ND
Chloromethane	74-87-3	ug/L	10	ND
Chloronitrobenzene	124-46-1	ug/L	5	ND
1,2-Dichloroethane	59-50-1	ug/L	5	ND
1,3-Dichloroethane	541-72-1	ug/L	5	ND
1,4-Dichlorobenzene	106-46-7	ug/L	5	ND
Dichlorodifluoromethane	75-71-5	ug/L	5	ND
1,1-Dichloroethane	75-34-2	ug/L	5	ND
1,2-Dichloroethane	107-06-2	ug/L	5	ND
1,1-Dichloroethene	75-15-4	ug/L	5	ND
2,2-Dichloroethene	156-59-2	ug/L	5	ND
trans-1,2-Dichloroethene	156-60-5	ug/L	5	ND
1,2-Dichloropropene	75-37-5	ug/L	5	ND
cis-1,3-Dichloropropene	10021-01-6	ug/L	5	ND
trans-1,3-Dichloropropene	10051-02-4	ug/L	5	ND
Ethylbenzene	109-41-1	ug/L	5	ND
Heptane	291-76-1	ug/L	50	ND
Methyl ethyl ketone	72-33-3	ug/L	100	ND
4-Methyl-2-Pentanone	106-10-1	ug/L	50	ND
Methylvinyl Chloride	75-09-2	ug/L	5	ND
Syrene	100-42-6	ug/L	5	ND
1,1,2,2-Tetrachloroethane	79-34-0	ug/L	5	ND
Tetrachloroethene	127-19-4	ug/L	5	ND
Toluene	108-82-3	ug/L	5	ND
1,1,1-Trichloroethane	71-35-4	ug/L	5	ND
1,1,2-Trichloroethane	78-00-5	ug/L	5	ND
Trichloroethene	76-C-4	ug/L	5	ND
Trichloroethane	75-62-4	ug/L	5	ND
Vinyl acetate	106-05-4	ug/L	5	ND
Vinyl chloride	75-01-4	ug/L	10	ND
Vynenol, o-ep)	1330-20-7	ug/L	5	ND

This laboratory analysis has been performed in accordance with generally accepted laboratory practices and requirements of the New York State Department of Health ELAP Program. Buck Environmental Laboratories, Inc. makes no recommendations, representations or warranties other than as specifically set forth in this report and shall not be responsible or liable for any action or the consequences of any action taken in connection with this report.

(ND => not detected above DL indicated)

(NEG => not detected)

(DL => detection limit)

(ug/L => ppb in water)

(ug/kg => ppb solid)

John H. Buck, P.E.

Laboratory Director, ELAP ID 10795

**BUCK ENVIRONMENTAL**  
LABORATORIES, INC.

3945 ROUTE 11 SOUTH,  
CORTLAND, N.Y. 13045

P.O. BOX 8150  
807-753-2403

Laboratory Report  
Lab Log No: 9807028

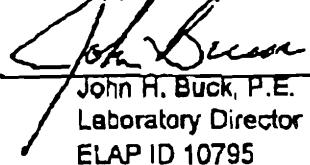
Client: DPRA ENVIRONMENTAL  
FIRST NATIONAL BANK BUILDING  
332 MINNESOTA ST, SUITE E-1500  
ST. PAUL MN 55101-  
Site: SMC - 17 1/2 BROAD STREET

Report Date: 08/05/98  
Sampling Date: 06/30/98  
Sampled By: R. HEIMBACH  
Date Received: 07/02/98  
Analyzed By: JK  
Analyzed: 08/05/98

Sample ID:	PCB IN SOLIDS			
ANALYTE	CAS #	UNITS	DL	RESULTS
Aroclor 1016	12674-11-2	ug/g	0.05	ND
Aroclor 1221	11104-28-2	ug/g	0.05	ND
Aroclor 1232	11141-16-5	ug/g	0.05	ND
Aroclor 1242	53469-21-9	ug/g	0.05	ND
Aroclor 1248	12672-29-8	ug/g	0.05	ND
Aroclor 1254	11097-89-1	ug/g	0.05	ND
Aroclor 1260	11096-82-5	ug/g	0.05	ND

This laboratory analysis has been performed in accordance with generally accepted laboratory practices and requirements of the New York State Department of Health ELAP Program. Buck Environmental Laboratories, Inc. makes no recommendations, representations or warranties other than as specifically set forth in this report and shall not be responsible or liable for any action or the consequences of any action taken in connection with this report.

(ND => not detected above DL indicated)  
(NEG => not detected)

  
John H. Buck, P.E.  
Laboratory Director  
ELAP ID 10795

**BUCK ENVIRONMENTAL**3845 ROUTE 11 SOUTH,  
CORTLAND, N.Y. 13045P.O. BOX 5150  
607-753-3403**Laboratory Report**

Lab Log No: 9807028

Client: DPRA ENVIRONMENTAL  
 FIRST NATIONAL BANK BUILDING  
 332 MINNESOTA ST, SUITE E-1500  
 ST. PAUL MN 55101-  
 Site: SMC - 17 1/2 BROAD STREET

Report Date: 07/28/98  
 Sampling Date: 06/30/98  
 Sampled By: R. HEIMBACH  
 Data Received: 07/02/98  
 Analyzed By: PAI  
 Analyzed: 07/27/98

Sample ID: SOIL - SP-3 (0-2')

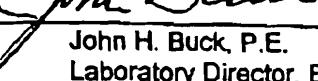
SEMI-VOLATILES BY 8270

ANALYTE	CAS #	UNITS	DL	RESULTS
Acenaphthene	83-32-9	ug/kg	167	ND
Acenaphthylene	206-96-8	ug/kg	167	ND
Anthracene	120-12-7	ug/kg	167	ND
Benz(a)anthracene	66-55-3	ug/kg	334	363
Benz(a)pyrene	50-32-8	ug/kg	167	361
Benz(b)fluoranthene	208-09-2	ug/kg	167	588
Benz(ghi)perylene	181-24-2	ug/kg	167	206
Benz(k)fluorene	207-08-9	ug/kg	167	371
Benzal Acid	65-85-0	ug/kg	1670	ND
Benzyl Alcohol	100-51-6	ug/kg	668	ND
Benzyl butyl phthalate	85-68-7	ug/kg	167	ND
Bis(2-chloroethoxy)methane	111-81-1	ug/kg	334	ND
Bis(2-chloroethyl)ether	111-44-4	ug/kg	334	ND
Bis(2-chloroisopropyl)ether	108-80-1	ug/kg	334	ND
Bis(2-ethylhexyl)phthalate	117-81-7	ug/kg	167	ND
4-Bromophenyl phenyl ether	101-55-3	ug/kg	167	ND
4-Chloro-3-methylphenol	88-60-7	ug/kg	167	ND
p-Chloroaniline	106-47-8	ug/kg	668	ND
2-Chlorophenol	91-58-7	ug/kg	167	ND
2-Chlorophenol	95-67-8	ug/kg	167	ND
4-Chlorophenyl phenyl ether	7005-72-3	ug/kg	167	ND
Chrysene	218-01-8	ug/kg	167	403
Di-n-butyl phthalate	84-74-2	ug/kg	167	ND
Di-n-octyl phthalate	117-84-0	ug/kg	167	ND
Dibenz(a,h)anthracene	63-70-3	ug/kg	167	ND
Dibenzofuran	132-54-8	ug/kg	334	ND
1,2-Dichlorobenzene	95-60-1	ug/kg	167	ND
1,3-Dichlorobenzene	841-73-1	ug/kg	167	ND
1,4-Dichlorobenzene	106-48-7	ug/kg	167	ND
3,3'-Dichlorobenzidine	91-04-1	ug/kg	668	ND
2,4-Dichlorophenol	120-83-2	ug/kg	167	ND
Diethyl phthalate	84-66-2	ug/kg	167	ND
Dimethyl phthalate	131-11-3	ug/kg	167	ND
2,4-Dimethylphenol	105-67-9	ug/kg	167	ND
4,6-Dinitro-2-methylphenol	534-52-1	ug/kg	635	ND
2,4-Dinitrophenol	51-28-5	ug/kg	1670	ND
2,4-Dinitrotoluene	121-14-2	ug/kg	334	ND
2,6-Dinitrotoluene	608-20-2	ug/kg	167	ND
Fluoranthene	208-44-0	ug/kg	167	ND
Fluorene	88-73-7	ug/kg	167	588
Hexachlorobenzene	118-74-1	ug/kg	167	ND
Hexachlorobutadiene	87-69-3	ug/kg	167	ND
Heptachlorocyclopentadiene	77-47-4	ug/kg	167	ND
Heptachloroethane	67-72-1	ug/kg	167	ND
Indeno(1,2,3-c,d)pyrene	193-39-5	ug/kg	167	238
Isophorone	78-58-1	ug/kg	167	ND
2-Methylnaphthalene	91-57-6	ug/kg	334	ND
2-Methyphenol	95-48-7	ug/kg	334	ND
4-Methyphenol	106-44-5	ug/kg	234	ND
Naphthalene	91-20-3	ug/kg	167	ND
2-Nitroaniline	88-74-4	ug/kg	1670	ND
3-Nitroaniline	99-09-2	ug/kg	1670	ND
4-Nitroaniline	100-01-06	ug/kg	1670	ND
Nitrobenzene	98-05-3	ug/kg	167	ND
2-Nitrophenol	88-75-5	ug/kg	167	ND
4-Nitrophenol	100-02-7	ug/kg	167	ND
n-Nitrosoi-n-propylamine	621-64-7	ug/kg	167	ND
n-Nitrosodimethylamine	62-75-0	ug/kg	167	ND
n-Nitroso-diphenylamine	68-30-4	ug/kg	167	ND
Pentachlorophenol	57-85-6	ug/kg	167	ND
Phenanthrene	85-01-8	ug/kg	234	ND
Phenol	108-95-2	ug/kg	167	ND
Pyrene	128-00-0	ug/kg	167	412
1,2,4-Trichlorobenzene	120-82-1	ug/kg	167	ND
2,4,6-Trichlorophenol	96-95-4	ug/kg	234	ND
2,4,4-Trichlorophenol	88-06-2	ug/kg	167	ND

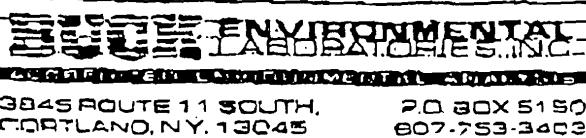
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(NU => Not detected above DL indicated)  
 (NEG => not detected)  
 (DL => detection limit)  
 (ug/L => ppb in water)  
 (ug/kg => ppb solid)

6021L.FRX



John H. Buck, P.E.  
 Laboratory Director, ELAP ID 10795



# Laboratory Report

Lab Log No: 9807028

Client: DTRA ENVIRONMENTAL  
FIRST NATIONAL BANK BUILDING  
332 MINNESOTA ST, SUITE E-1500  
ST. PAUL MN 55101  
Site: SMC - 17 1/2 BROAD STREET

Report Date: 07/16/98  
Sampling Date: 06/30/98  
Sampled By: R. HEIMBACH  
Date Received: 07/02/98

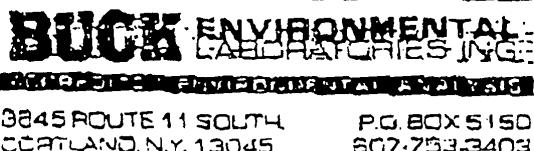
Sample ID: SOIL - SP-3 (0-2')

ANALYTE	METHOD	ANALYZED	BY	UNITS	DL	RESULTS
Arsenic, total	200.7/6010	07/13/98	JLR	ug/g	1	4.11
Barium, total	200.7/6010	07/13/98	JLR	ug/g	1	71.1
Cadmium, total	200.7/6010	07/13/98	JLR	ug/g	0.1	2.17
Chromium, total	200.7/6010	07/13/98	JLR	ug/g	1	17
Digest	3050	07/10/98	LN	DATE	0	complete
Lead, total	200.7/6010	07/13/98	JLR	ug/g	1	39.6
Mercury, total	245.1/7471	07/13/98	JLR	ug/g	0.07	ND
Selenium, total	200.7/6010	07/13/98	JLR	ug/g	0.4	ND
Silver, total	200.7/6010	07/13/98	JLR	ug/g	0.5	ND

This laboratory analysis has been performed in accordance with generally accepted laboratory practices and requirements of the New York State Department of Health ELAP Program. Buck Environmental Laboratories, Inc. makes no recommendations, representations or warranties other than as specifically set forth in this report and shall not be responsible or liable for any action or the consequences of any action taken in connection with this report.

(ND => not detected above DL indicated)  
(DL => detection limit)  
(mg/L => ppm in water)  
(ug/g => ppm in solid)

John H. Buck, P.E.  
Laboratory Director  
ELAP ID: 10795



3845 ROUTE 11 SOUTH  
SCOTLAND, N.Y. 13045

P.O. BOX 5150  
607-753-3403

Report Date: 07/28/98  
Lab Log Number: 9807028

## LABORATORY REPORT

Client: DPRA Environmental  
First National Bank Building  
332 Minnesota St., Suite E-1500  
St. Paul, MN 55101

Site: SMC - 17 1/2 Broad Street

Sample Date: 06/30/98 by R. Heimbach

Samples: Soils

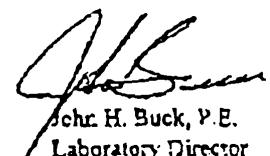
Method: Flame Ionization Detector, and/or GC/MS  
Adapted from NYSDOH 310-13 methodology

### TOTAL PETROLEUM HYDROCARBON QUANTITATION

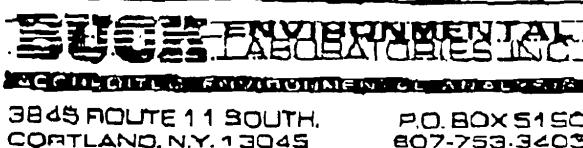
SP-1 (2.5 - 4.4')	85,300 ug/Kg as lubrication oil
SP-2 (0 - 2')	49,300 ug/Kg as lubrication oil
SP-3 (0 - 2')	19,200 ug/Kg as lubrication oil
SP-3 (4 - 6')	13,000 ug/Kg as lubrication oil
MW-3 (25 - 27')	ND (<170 ug/Kg)

ND - None detected greater than detection limit noted.

This analysis is certified as conforming to generally accepted laboratory practices and requirements of the New York State Health Department ELAP program.



John H. Buck, P.E.  
Laboratory Director  
NYS ELAP CERT 10795



# Laboratory Report

Lab Log No: 9807028

Client: DPRA ENVIRONMENTAL  
FIRST NATIONAL BANK BUILDING  
332 MINNESOTA ST. SUITE E-1500  
ST. PAUL MN 55101-  
Site: SMC - 17 1/2 BROAD STREET

Report Date: 07/16/98  
Sampling Date: 06/30/98  
Sampled By: R. HEIMBACH  
Date Received: 07/02/98  
Analyzed By: PAI  
Analyzed: 07/08/98

Sample ID: SOIL - SP-3 (0-2')

## VOLATILES BY EPA 8240

ANALYTE	CAS #	UNITS	DL	RESULTS
Aacetone	67-04-1	ug/kg	100	ND
Benzene	71-43-2	ug/kg	5	ND
Bromoethane	75-27-4	ug/kg	5	ND
Bromofrom	75-28-2	ug/kg	5	ND
Bromonitroarene	74-83-9	ug/kg	10	ND
Carbon disulfide	75-15-0	ug/kg	100	ND
Carbon tetrachloride	56-23-5	ug/kg	5	ND
Chlorobenzene	108-09-7	ug/kg	5	ND
Chloroethene	75-00-3	ug/kg	10	ND
2-Chloroethyl vinyl ether	110-75-4	ug/kg	5	ND
Chloroform	57-06-3	ug/kg	5	ND
Chromatophore	75-87-3	ug/kg	10	ND
Chromonitroethane	114-46-1	ug/kg	5	ND
1,2-Dichloroethane	53-90-1	ug/kg	5	ND
1,2-Dichlorobenzene	541-73-1	ug/kg	5	ND
1,4-Dichlorobenzene	106-46-7	ug/kg	5	ND
Dichlorodifluoromethane	75-71-8	ug/kg	5	ND
1,1-Dichloroethane	76-14-3	ug/kg	5	ND
1,2-Dichloroethene	107-08-2	ug/kg	5	ND
1,1-Dichloroethene	75-35-4	ug/kg	5	ND
cis-1,2-Dichloroethene	158-50-2	ug/kg	5	ND
trans-1,2-Dichloroethene	158-80-3	ug/kg	5	ND
1,2-Dichloropropane	78-77-6	ug/kg	5	ND
cis-1,3-Dichloropropene	10081-01-5	ug/kg	5	ND
trans-1,3-Dichloropropene	10081-02-6	ug/kg	5	ND
Ethybenzene	100-41-1	ug/kg	5	ND
Hexanes	591-75-6	ug/kg	50	ND
Methyl ethyl ketone	78-73-3	ug/kg	100	ND
4-Methyl-2-Pentanone	108-10-1	ug/kg	50	ND
1,1-Dimethyl Chloride	75-53-2	ug/kg	5	ND
Syrene	100-42-5	ug/kg	5	ND
1,1,2,2-Tetrachloroethane	79-34-6	ug/kg	5	ND
Toluene	108-03-3	ug/kg	5	ND
1,1,1-Trichloroethane	71-55-6	ug/kg	5	ND
1,1,2-Trichloroethane	79-00-5	ug/kg	5	ND
Trichloroethene	75-01-8	ug/kg	5	ND
Trichloroethane	75-09-4	ug/kg	5	ND
Vinyl acetate	102-60-1	ug/kg	50	ND
Vinyl chloride	75-01-4	ug/kg	10	ND
xylenes(m,p,o)	1390-20-7	ug/kg	5	ND

This laboratory analysis has been performed in accordance with generally accepted laboratory practices and requirements of the New York State Department of Health ELAP Program. Buck Environmental Laboratories, Inc. makes no recommendations, representations or warranties other than as specifically set forth in this report and shall not be responsible or liable for any action or the consequences of any action taken in connection with this report.

(ND =&gt; not detected above DL indicated)

(NEG =&gt; not detected)

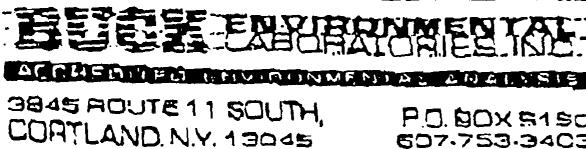
(DL =&gt; detection limit)

(ug/L =&gt; ppb in water)

(ug/kg =&gt; ppb solid)

5074.FAX

John H. Buck, P.E.  
Laboratory Director, ELAP ID 10795



Client: DPRA ENVIRONMENTAL  
FIRST NATIONAL BANK BUILDING  
332 MINNESOTA ST, SUITE E-1500  
ST. PAUL MN 55101-  
Site: SMC - 17 1/2 BROAD STREET

# Laboratory Report

Lab Log No: 9807028

Report Date: 07/28/98  
Sampling Date: 06/30/98  
Sampled By: R. HEIMBACH  
Date Received: 07/02/98  
Analyzed By: PAI  
Analyzed: 07/27/98

Sample ID: SOIL - SP-3 (4-6') SEMI-VOLATILES BY 8270

ANALYTE	CAS #	UNITS	DL	RESULTS
Acenaphthene	61-32-8	ug/g	167	ND
Acenaphthylene	208-95-5	ug/g	167	ND
Anthracene	120-12-7	ug/g	167	ND
Benz(a)anthracene	56-55-3	ug/g	334	ND
Benz(a)pyrene	50-32-8	ug/g	167	ND
Benz(a)fluoranthene	216-08-2	ug/g	167	ND
Benz(g,h)perylene	121-24-2	ug/g	167	ND
Benz(k)fluorene, a	207-02-0	ug/g	167	ND
Benzoic Acid	65-85-0	ug/g	1670	ND
Benzyl Alcohol	100-51-8	ug/g	654	ND
Benzyl butyl phthalate	65-08-7	ug/g	167	ND
Bis(2-chloroethyl)methane	111-91-1	ug/g	334	ND
Bis(2-chloroethyl)ether	111-41-4	ug/g	334	ND
Bis(2-chloroethyl)acetoacetate	104-80-1	ug/g	334	ND
Bis(2-ethylhexyl)phthalate	117-01-7	ug/g	167	ND
4-Bromophenylphenyl ether	101-56-3	ug/g	167	ND
4-Chloro-3-methylphenol	53-60-7	ug/g	167	ND
p-Chlorotoluene	105-47-3	ug/g	666	ND
2-Chlororachaelene	91-55-7	ug/g	167	ND
2-Chlorophenol	95-67-8	ug/g	167	ND
4-Chlorophenyl phenyl ether	7005-72-3	ug/g	167	ND
Chrysene	218-01-8	ug/g	167	ND
Di-n-butyl phthalate	84-74-2	ug/g	167	ND
Dimethyl phthalate	117-84-0	ug/g	167	ND
Dibenzofuran	53-70-3	ug/g	167	ND
1,2-Dichlorobenzene	112-64-3	ug/g	334	ND
1,3-Dichlorobenzene	95-50-1	ug/g	167	ND
1,4-Dichlorobenzene	541-73-1	ug/g	167	ND
1,2'-Dichlorobenzene	106-45-7	ug/g	167	ND
2,4-Dichlorophenol	91-64-1	ug/g	626	ND
2,4-Dichlorotoluene	120-43-2	ug/g	167	ND
Dieldrin phthalate	84-05-2	ug/g	167	ND
Dimethyl phthalate	131-11-3	ug/g	167	ND
2,4-Dimethylbenzal	105-67-9	ug/g	167	ND
4-Ethoxy-2-methyl-tert-butyl	534-57-1	ug/g	936	ND
2-Ethylphenol	51-28-3	ug/g	1670	ND
2,4-Ethyltoluene	121-14-2	ug/g	334	ND
2-Ethyltoluene	606-20-2	ug/g	167	ND
Furan	206-44-0	ug/g	167	ND
Mesachlorobenzene	65-73-7	ug/g	167	ND
Mesachlorobutene	116-74-1	ug/g	167	ND
Mesachlorocyclopentadiene	67-68-3	ug/g	167	ND
Mesachloroethane	77-47-4	ug/g	167	ND
Indeno[1,2,3-c]pyrene	103-30-5	ug/g	167	ND
Isohercane	78-66-1	ug/g	167	ND
2-Methylnaphthalene	91-57-6	ug/g	334	ND
2-Methylphenol	96-46-7	ug/g	334	ND
4-Methylphenol	106-44-5	ug/g	334	ND
Naphthalene	91-20-3	ug/g	167	ND
2-Naphthidine	66-74-4	ug/g	1670	ND
3-Nitroaniline	95-00-2	ug/g	1673	ND
4-Nitro-aniline	100-01-08	ug/g	1670	ND
Nitrobenzene	95-85-3	ug/g	167	ND
2-Nitrophenol	86-75-3	ug/g	167	ND
4-Nitrophenol	100-02-7	ug/g	167	ND
2-Nitroso-2,6-propylenone	62-14-7	ug/g	167	ND
2-Nitroso-dimethylamine	62-73-5	ug/g	167	ND
4-Nitroso-dimethylbenzene	85-30-8	ug/g	167	ND
Pentachlorophenol	67-94-6	ug/g	167	ND
Phenanthrene	85-01-8	ug/g	334	ND
Phenol	108-05-2	ug/g	167	ND
Pyrene	129-00-0	ug/g	167	ND
1,2,4-Trichlorobenzene	129-82-1	ug/g	167	ND
2,4,5-Trichlorophenol	14-95-4	ug/g	334	ND
2,4,6-Trichlorophenol	26-06-2	ug/g	167	ND

This laboratory analysis has been performed in accordance with generally accepted laboratory practices and requirements of the New York State Department of Health ELAP Program. Buck Environmental Laboratories, Inc. makes no recommendations, representations or warranties other than as specifically set forth in this report and shall not be responsible or liable for any action or the consequences of any action taken in connection with this report.

(ND => not detected above DL indicated)

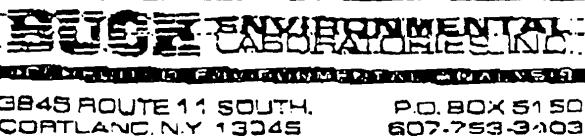
(NEG => not detected)

(DL => detection limit)

(ug/L => ppb in water)

(ug/kg => ppb solid)

John H. Buck, P.E.  
Laboratory Director, ELAP ID 10705



# Laboratory Report

Lab Log No: 9807028

Client: DPRA ENVIRONMENTAL  
FIRST NATIONAL BANK BUILDING  
332 MINNESOTA ST. SUITE E-1500  
ST. PAUL MN 55101-

Report Date: 07/16/98  
Sampling Date: 06/30/98  
Sampled By: R. HEIMBACH  
Date Received: 07/02/98

Site: SMC - 17 1/2 BROAD STREET

Sample ID: SOIL - SP-3 (4-6")

ANALYTE	METHOD	ANALYZED BY	UNITS	DL	RESULTS
Arsenic, total	200.7/6010	07/13/98	JLR	ug/g	1
Barium, total	200.7/6010	07/13/98	JLR	ug/g	1
Cadmium, total	200.7/6010	07/13/98	JLR	ug/g	0.1
Chromium, total	200.7/6010	07/13/98	JLR	ug/g	1
Digest	3050	07/10/98	LN	DATE	complete
Lead, total	200.7/6010	07/13/98	JLR	ug/g	1
Mercury, total	245.1/7471	07/13/98	JLR	ug/g	0.07
Selenium, total	200.7/6010	07/13/98	JLR	ug/g	0.3
Silver, total	200.7/6010	07/13/98	JLR	ug/g	0.4
					ND

This laboratory analysis has been performed in accordance with generally accepted laboratory practices and requirements of the New York State Department of Health ELAP Program. Buck Environmental Laboratories, Inc. makes no recommendations, representations or warranties other than as specifically set forth in this report and shall not be responsible or liable for any action or the consequences of any action taken in connection with this report.

(ND => not detected above DL indicated)

(DL => detection limit)

(mg/L => ppm in water)

(ug/g => ppm in solid)

John H. Buck, P.E.

Laboratory Director

ELAP ID: 10785

**BUCK ENVIRONMENTAL**  
LABORATORIES INC.  
SPECIALISTS IN ENVIRONMENTAL ANALYSIS

3845 ROUTE 11 SOUTH P.O. BOX 5150  
CORTLAND, N.Y. 13045 607-753-3403

Report Date: 07/28/98  
Lab Log Number: 9807028

**LABORATORY REPORT**

Client: DPRA Environmental  
First National Bank Building  
332 Minnesota St., Suite E-1500  
St Paul, MN 55101

Site: SMC - 17 1/2 Broad Street

Sample Date: 06/30/98 by R. Heintzach

Samples: Soils

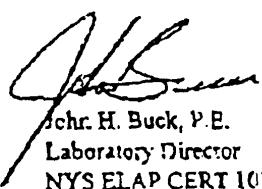
Method: Flame Ionization Detector, and/or GC/MS  
Adapted from NYSDOH 310-13 methodology

**TOTAL PETROLEUM HYDROCARBON**  
**QUANTITATION**

SP-1 (2.5 - 4.4')	85,300 ug/Kg as lubrication oil
SP-2 (0 - 2')	49,300 ug/Kg as lubrication oil
SP-3 (0 - 2')	19,200 ug/Kg as lubrication oil
SP-3 (4 - 6')	13,000 ug/Kg as lubrication oil
MW-3 (25 - 27')	ND (<170 ug/Kg)

ND - None detected greater than detection limit noted.

This analysis is certified as conforming to generally accepted laboratory practices and requirements of the New York State Health Department ELAP program.

  
John H. Buck, P.E.  
Laboratory Director  
NYS ELAP CERT 10795

**BUCK ENVIRONMENTAL**  
LABORATORIES, INC.

ANALYTICAL ENVIRONMENTAL ANALYSIS

3845 ROUTE 11 SOUTH,  
CORTLAND, N.Y. 13045

P.O. BOX 5150  
807-753-3403

Client: DPRA ENVIRONMENTAL  
FIRST NATIONAL BANK BUILDING  
332 MINNESOTA ST, SUITE E-1500  
ST. PAUL MN 55101-  
Site: SMC - 17 1/2 BROAD STREET

**Laboratory Report**  
Lab Log No: 9807028

Report Date: 07/16/98  
Sampling Date: 06/30/98  
Sampled By: R HEIMBACH  
Date Received: 07/02/98  
Analyzed By: PAI  
Analyzed: 07/08/98

Sample ID: SOIL - SP-3 (4-6")

VOLATILES BY EPA 8240

ANALYTE	CAS #	UNITS	DL	RESULTS
Acetone	67-64-1	ug/kg	100	ND
Benzene	71-43-2	ug/kg	5	ND
Bromodichloroethane	75-27-4	ug/kg	5	ND
Bromoform	76-29-2	ug/kg	5	ND
Bromomethane	74-03-6	ug/kg	10	ND
Carbon tetrachloride	75-15-0	ug/kg	100	ND
Chlorobenzene	56-23-5	ug/kg	5	ND
Chloroform	106-90-7	ug/kg	5	ND
Chloroethane	76-00-1	ug/kg	10	ND
2-Chlorobutylating ether	110-75-5	ug/kg	5	ND
Chloroethylene	67-68-4	ug/kg	5	ND
Chloronaphthalene	71-27-3	ug/kg	10	ND
Dibromoethane-ethane	124-68-1	ug/kg	5	ND
1,2-Dichloropropane	85-63-1	ug/kg	5	ND
1,3-Dichlorobenzene	541-73-1	ug/kg	5	ND
1,4-Dichlorobenzene	116-48-7	ug/kg	5	ND
Dichlorodifluoromethane	75-71-5	ug/kg	5	ND
1,1-Dichloroethane	75-34-3	ug/kg	5	ND
1,2-Dichloroethane	107-08-2	ug/kg	5	ND
1,1-Dichloroethene	75-25-4	ug/kg	5	ND
cis-1,2-Dichloroethene	126-59-2	ug/kg	5	ND
trans-1,2-Dichloroethene	126-63-5	ug/kg	5	ND
1,2-Dichloropropene	73-97-5	ug/kg	5	ND
cis-1,3-Dichloropropene	10081-01-2	ug/kg	5	ND
trans-1,3-Dichloropropene	10081-02-3	ug/kg	5	ND
Chlorobenzene	100-41-1	ug/kg	5	ND
Heptane	581-75-4	ug/kg	50	ND
Methyl ethyl ketone	78-18-3	ug/kg	100	ND
4-Methyl-2-Pentanone	108-10-1	ug/kg	5	ND
Methylene Chloride	76-09-2	ug/kg	5	ND
Silane	100-41-8	ug/kg	5	ND
1,1,2,2-Tetrachloroethane	79-34-5	ug/kg	5	ND
Tetrachloroethene	127-18-4	ug/kg	5	ND
Toluene	103-88-3	ug/kg	5	ND
1,1,1-Trichloroethane	71-45-5	ug/kg	5	ND
1,1,2-Trichloroethane	79-00-5	ug/kg	5	ND
Trichloroethane	70-01-3	ug/kg	5	ND
Trichlorofluoromethane	75-69-4	ug/kg	5	ND
V/V acetate	106-05-4	ug/kg	5	ND
Vinyl chloride	75-01-4	ug/kg	10	ND
γ-Vinylbenzyl chloride	131-C-207	ug/kg	5	ND

This laboratory analysis has been performed in accordance with generally accepted laboratory practices and requirements of the New York State Department of Health ELAP Program. Buck Environmental Laboratories, Inc. makes no recommendations, representations or warranties other than as specifically set forth in this report and shall not be responsible or liable for any action or the consequences of any action taken in connection with this report.

(ND => not detected above DL indicated)

(NEG => not detected)

(DL => detection limit)

(ug/L => ppb in water)

(ug/kg => ppb solid)

John H. Buck, P.E.

Laboratory Director, ELAP ID 10799

## ***Attachment 7***

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### **Laboratory Analytical Results Groundwater Samples 13 Broad Street – July 1998 and August 1999**

**These results (detections) were summarized in Table 2 of Attachment 3 of the *Final Investigation Report*, a copy of which is attached.**

Table 2

**Progress Parkway Enterprises, Inc.**  
**Binghamton, New York**  
**Final Investigation Report**

**Summary of Detected Constituents in July 1998 and August 1999 Groundwater Samples - 13 Broad Street Facility**

Parameter	Concentration (ppb)					Standard <sup>3</sup>	
	MW-1	MW-2	MW-3	MW-3 (Duplicate)			
<b>JULY 1998<sup>1</sup></b>							
<b>Metals</b>							
Arsenic	ND	ND	2.0	--	--	25.0	
Barium, total	1,500	360	520	--	--	1,000	
Selenium	2.0	2.0	ND	--	--	10.0	
<b>VOCs</b>							
Methylene Chloride	ND	ND	3,980	2,720	--	5.0	
<b>AUGUST 1999<sup>2</sup></b>							
<b>Metals</b>							
Barium*	85.7	--	--	--	--	1,000	
<b>VOCs</b>							
Trichloroethene	ND	--	3 J	3 J	--	5	
Tetrachloroethene	ND	--	3 J	3 J	--	5	

**Notes:**

1. Samples collected by DPRA Environmental on July 8, 1999. Samples analyzed by Buck Environmental Laboratories, Inc. for VOCs (USEPA SW-846 Method 8240), SVOCs (USEPA SW-846 Method 8270), RCRA Metals (USEPA SW-846 6000/7000 Series Methods), and TPH (NYSDOH Method 310.13).
2. Samples collected by Blasland, Bouck & Lee, Inc. on August 25, 1999. Samples analyzed by Galson Laboratories for VOCs (USEPA SW-846 Method 8240), and barium and lead (USEPA SW-846 6000/7000 Series methods).

**Table 2**  
**(Cont'd)**  
**Progress Parkway Enterprises, Inc.**  
**Binghamton, New York**  
**Final Investigation Report**

**Summary of Detected Constituents in July 1998 and August 1999 Groundwater Samples - 13 Broad Street Facility**

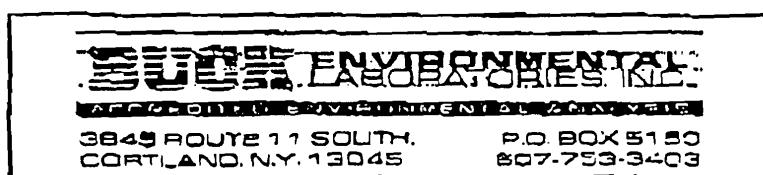
**Notes (continued):**

3. Standards presented are New York State Division of Water Technical and Operational Guidance Series (TOGS) 1.1.1. (dated June 1998) Class GA Ambient Water Quality Standards and Guidance Values and Ground-Water Effluent Limitations.
4. All concentrations are reported in parts per billion (ppb).
5. ND = Constituent was not detected at a concentration greater than the laboratory detection limit.
6. -- = Constituent was not analyzed.
7. J = Indicates that the compound was positively identified in the sample; however, the associated numerical value is an estimated concentration only.
8. \* = Sample was decanted prior to laboratory analysis according to procedures described by the NYSDEC in an August 23, 1999 telephone conversation between BBL and the NYSDEC.
9. The laboratory analytical results for the August 1999 groundwater samples were validated by BBL using NYSDEC-established procedures.

AUG. 11, 1998 11:03AM

BUCK ENVIRONMENTAL LABS

FAX NO. 607/533-4115 NO. 3560 P. 4 C3



**Laboratory Report**  
**Lab Log No: 9807136**

Client: DPRA ENVIRONMENTAL  
FIRST NATIONAL BANK BUILDING  
332 MINNESOTA ST. SUITE E-1500  
ST. PAUL MN 55101-

Site: SMC - 13 BROAD STREET

Report Date: 08/05/98  
Sampling Date: 07/08/98  
Sampled By: R. HEIMBACH  
Date Received: 07/09/98

Sample ID: MW-1

ANALYTE	METHOD	ANALYZED	BY	UNITS	DL	RESULTS
Arsenic, total	206.2/7060	07/30/98	JLR	mg/L	0.001	ND
Barium, total	208.2/7081	08/05/98	JLR	mg/L	0.05	1.5
Cadmium, total	213.1/7130	07/30/98	JLR	mg/L	0.005	ND
Chromium, total	218.1/7190	07/30/98	JLR	mg/L	0.05	ND
Lead, total	239.2/7421	08/03/98	JLR	mg/L	0.001	ND
Mercury, total	245.1/7470	07/22/98	JLR	mg/L	0.0004	ND
Selenium, total	270.2/7740	08/03/98	JLR	mg/L	0.001	0.002
Silver, total	272.1/7760	07/30/98	JLR	mg/L	0.005	ND

This laboratory analysis has been performed in accordance with generally accepted laboratory practices and requirements of the New York State Department of Health ELAP Program. Buck Environmental Laboratories, Inc. makes no recommendations, representations or warranties other than as specifically set forth in this report and shall not be responsible or liable for any action or the consequences of any action taken in connection with this report.

(ND => not detected above DL indicated)  
(DL => detection limit)  
(mg/L => ppm in water)  
(ug/g => ppm in solid)

John H. Buck, P.E.  
Laboratory Director  
ELAP ID: 10795

SENT BY:

8- 3-98 :11:43AM : HUNTON AND WILLIAMS→

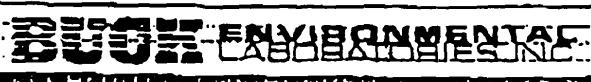
315 449 4111:#50

JUL-21-98 8:50 13:27

BUCK ENVIRONMENTAL LABS

FAX NO. 607-753-3315

EPA

3045 ROUTE 11 SOUTH.  
CORTLAND, N.Y. 13043P.O. BOX 5150  
807-753-3403

Client: DPRA ENVIRONMENTAL  
 FIRST NATIONAL BANK BUILDING  
 332 MINNESOTA ST, SUITE E-1500  
 ST. PAUL MN 55101-  
 Site: SMC - 13 BROAD STREET

Laboratory Report  
 Lab Log No: 9807136

Report Date: 07/21/98  
 Sampling Date: 07/08/98  
 Sampled By: R. HEIMBACH  
 Date Received: 07/09/98  
 Analyzed By: PAI  
 Analyzed: 07/16/98

Sample ID: MW-1

## VOLATILES BY EPA 8240

ANALYTE	CAS #	UNITS	DL	RESULTS
Acetone	67-64-1	ug/L	100	ND
Benzene	71-43-2	ug/L	5	ND
Bromochloromethane	75-27-4	ug/L	5	ND
Bromoform	75-25-2	ug/L	5	ND
Bromoethane	74-83-8	ug/L	10	ND
Carbon disulfide	75-15-0	ug/L	100	ND
Carbon tetrachloride	56-23-6	ug/L	5	ND
Chlorobenzene	108-90-7	ug/L	5	ND
Chloroethane	75-30-3	ug/L	10	ND
2-Chloroethyl vinyl ether	110-75-8	ug/L	5	ND
Chloroform	67-06-3	ug/L	5	ND
Chloroethylene	74-87-3	ug/L	5	ND
Dibromochloropropane	124-87-1	ug/L	5	ND
1,1-Dichloroethane	53-95-1	ug/L	5	ND
1,2-Dichloroethane	541-73-1	ug/L	5	ND
1,4-Dichlorobenzene	108-43-7	ug/L	5	ND
Dichlorodifluoromethane	75-71-5	ug/L	5	ND
1,1-Dichloroethane	75-34-3	ug/L	5	ND
1,2-Dichloroethane	107-08-2	ug/L	5	ND
1,1-Dichloroethane	75-35-4	ug/L	5	ND
cis-1,2-Dichloroethane	156-99-2	ug/L	5	ND
trans-1,2-Dichloroethane	158-00-3	ug/L	5	ND
1,2-Dichloropropane	78-87-5	ug/L	5	ND
cis-1,3-Dichloropropene	10361-01-8	ug/L	5	ND
trans-1,3-Dichloropropene	10381-22-8	ug/L	5	ND
Ethylbenzene	100-41-1	ug/L	5	ND
Methacrylate	591-78-0	ug/L	5	ND
Methyl ethyl ketone	76-92-2	ug/L	10	ND
4-Methyl-3-Pentanone	108-10-1	ug/L	5	ND
Methylvinyl Chloride	75-08-2	ug/L	5	ND
Styrene	100-42-6	ug/L	5	ND
1,1,2-Tribromoethane	79-34-6	ug/L	5	ND
Tetachloroethane	127-15-4	ug/L	5	ND
Tetraene	108-05-3	ug/L	5	ND
1,1,1-Trichloroethane	71-25-6	ug/L	5	ND
1,1,2-Trichloroethane	79-00-3	ug/L	5	ND
Trichloroethane	78-01-6	ug/L	5	ND
Trichlorofuranone	75-69-4	ug/L	5	ND
Vinyl acetate	107-65-4	ug/L	10	ND
Vinyl chloride	75-31-4	ug/L	10	ND
xylenes(m,p,p)	1333-20-7	ug/L	5	ND

This laboratory analysis has been performed in accordance with generally accepted laboratory practices and requirements of the New York State Department of Health ELAP Program. Buck Environmental Laboratories, Inc. makes no recommendations, representations or warranties other than as specifically set forth in this report and shall not be responsible or liable for any action or the consequences of any action taken in connection with this report.

(ND => not detected above DL indicated)  
 (NEG => not detected)  
 (DL => detection limit)  
 (ug/L => ppb in water)  
 (ug/kg => ppb solid)

NOT/FAX

John H. Buck, P.E.  
 Laboratory Director, ELAP ID 10785

SENT BY:  
FAX NO. 607-753-3403

8- 3-98 :11:45AM : HUNTON AND WILLIAMS-  
BUCK ENVIRONMENTAL LABS FAX NO. 607-753-3403

315 449 4111:#57

**BUCK ENVIRONMENTAL  
LABORATORIES INC.**

3848 ROUTE 11 SOUTH,  
CORTLAND, N.Y. 13045

P.O. BOX 5150  
607-753-3403

Client: DPRA ENVIRONMENTAL  
FIRST NATIONAL BANK BUILDING  
332 MINNESOTA ST, SUITE E-1500  
ST. PAUL MN 55101-  
Site: SMC - 13 BROAD STREET

**Laboratory Report**  
**Lab Log No: 9807136**

Report Date: 07/29/98  
Sampling Date: 07/08/98  
Sampled By: R. HEIMBACH  
Date Received: 07/09/98  
Analyzed By: PAI  
Analyzed: 07/27/98

Sample ID: MW-1

**SEMI-VOLATILES BY 8270**

ANALYTE	CAS #	UNITS	DL	RESULTS
Azobisisobutyronitrile	13-32-6	ug/L	5	ND
Azobisisobutyronitrile	208-94-8	ug/L	5	ND
Anthracene	120-12-7	ug/L	5	ND
Benzene and toluene	58-93-9	ug/L	10	ND
Benzofuran	50-32-0	ug/L	5	ND
Benzofuranone	205-99-2	ug/L	5	ND
Benzylbenzene	101-94-2	ug/L	5	ND
Benzylchloroethane	207-03-9	ug/L	5	ND
Benzylchloroethane	65-65-0	ug/L	5	ND
Benzyl Alcohol	100-51-5	ug/L	20	ND
Benzyl butyl phthalate	85-68-7	ug/L	5	ND
Bis(2-chloroethyl)ether	111-91-1	ug/L	10	ND
Bis(2-chloroethyl)ether	111-42-4	ug/L	10	ND
Bis(2-chloroethyl)ether	108-60-1	ug/L	10	ND
Bis(2-chloroethyl)ether	117-81-7	ug/L	5	ND
4-Chlorophenyl ether	101-48-3	ug/L	5	ND
4-Chloro-3-methylphenol	53-50-7	ug/L	5	ND
p-Chlorotoluene	106-47-6	ug/L	20	ND
2-Chloronaphthalene	91-58-7	ug/L	5	ND
2-Chlorophenol	55-57-4	ug/L	5	ND
4-Chlorophenyl phenyl ether	7006-72-3	ug/L	5	ND
Chrysene	77-01-8	ug/L	5	ND
D <i>n</i> -butyl phthalate	64-74-2	ug/L	5	ND
Dimethyl phthalate	117-84-0	ug/L	5	ND
Dimethyl phthalate	23-70-3	ug/L	5	ND
Dimethyl phthalate	121-64-8	ug/L	10	ND
1,2-Dichlorobenzene	55-30-1	ug/L	5	ND
1,3-Dichlorobenzene	541-73-1	ug/L	5	ND
1,4-Dichlorobenzene	106-46-7	ug/L	5	ND
3,3'-Dichlorovarzone	91-94-1	ug/L	20	ND
2,4-Dichloropropene	120-83-2	ug/L	5	ND
Diethyl phthalate	64-66-2	ug/L	5	ND
Diethyl phthalate	131-11-3	ug/L	5	ND
2,4-Dimethylphenol	105-87-9	ug/L	5	ND
4,6-Dinitro-2-methylphenol	534-82-1	ug/L	25	ND
2,4-Dinitrophenol	51-28-5	ug/L	50	ND
2,4-Dinitrotoluene	121-14-2	ug/L	10	ND
2,5-Dinitrotoluene	605-23-2	ug/L	5	ND
Eugenol	206-44-0	ug/L	5	ND
Furan	85-73-7	ug/L	5	ND
Hexachlorobenzene	118-74-1	ug/L	5	ND
Heptachlorobenzene	57-68-3	ug/L	5	ND
Heptachlorocyclohexane	77-47-4	ug/L	5	ND
Heptachloroethane	87-72-1	ug/L	5	ND
Indenyl 2,3-C <sub>6</sub> C <sub>3</sub> Pyrene	192-39-5	ug/L	5	ND
Iodoform	76-59-1	ug/L	5	ND
2,2-Ethyldiethanol	91-57-6	ug/L	10	ND
2,4-Ethynethiol	85-45-7	ug/L	10	ND
1-Methylbenzene	106-14-5	ug/L	10	ND
Kapton	91-10-3	ug/L	5	ND
2-Nitroaniline	68-74-4	ug/L	50	ND
3-Nitroaniline	30-78-2	ug/L	50	ND
4-Nitroaniline	100-01-06	ug/L	50	ND
Nitrobenzene	58-85-3	ug/L	5	ND
2-Nitroethanol	68-75-5	ug/L	5	ND
4-Nitrophenol	100-02-7	ug/L	5	ND
p-Nitroanisidinopropanone	621-64-7	ug/L	5	ND
n-Nitrosodimethylamine	62-75-0	ug/L	5	ND
n-Nitrosodiphenylamine	66-30-6	ug/L	5	ND
Pentachlorophenol	67-66-0	ug/L	5	ND
Phenanthrene	85-01-8	ug/L	10	ND
Phenol	108-95-2	ug/L	5	ND
Pyrene	176-30-0	ug/L	5	ND
1,2,4-Trichlorobenzene	120-82-1	ug/L	5	ND
2,4,5-Trichlorophenol	85-95-4	ug/L	10	ND
2,4,6-Trichlorophenol	62-06-2	ug/L	5	ND

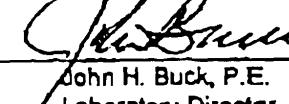
This laboratory analysis has been performed in accordance with generally accepted laboratory practices and requirements of the New York State Department of Health ELAP Program. Buck Environmental Laboratories, Inc. makes no recommendations, representations or warranties other than as specifically set forth in this report and shall not be responsible or liable for any action or the consequences of any action taken in connection with this report.

(ND => not detected above DL indicated)

(NEG => not detected)

(DL => detection limit)

(ug/L => ppb in water)

  
John H. Buck, P.E.

Laboratory Director, ELAP ID 10795

SENT BY:  
U.S. LETTER MAIL

8-3-98 :11:46AM : HUNTON AND WILLIAMS-  
U.S. ENVIRONMENTAL LABS FAX NO 301/584-13

315 449 4111:#60

**BUCK ENVIRONMENTAL**  
**LABORATORIES, INC.**

3845 ROUTE 11 SOUTH P.O. BOX 5150  
CORTLAND, N.Y. 13045 607-753-3403

Report Date: 07/29/98  
Lab Log Number: 9807136

**LABORATORY REPORT**

Client: DPRA Environmental  
First National Bank Building  
332 Minnesota St., Suite E-1500  
St. Paul, MN 55101

Site: SMC - 13 Broad Street

Sample Date: 07/07/98 and 07/08/98 by R. Heimbach

Samples: Waters

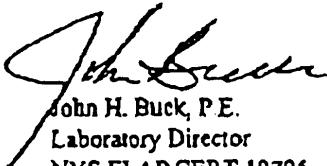
Method: Flame Ionization Detector, and/or GC/MS  
Adapted from NYSDOH 310-13 methodology

**TOTAL PETROLEUM HYDROCARBON**  
**QUANTITATION**

Equipment Blank #1	ND (<10 ug/L)
MW-1	ND (<10 ug/L)
MW-2	ND (<10 ug/L)
MW-3	ND (<10 ug/L)

ND - None detected greater than detection limit noted.

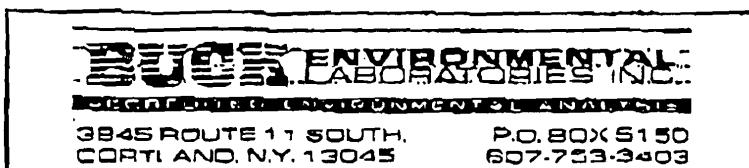
This analysis is certified as conforming to generally accepted laboratory practices and requirements of the New York State Health Department ELAP program.

  
John H. Buck, P.E.  
Laboratory Director  
NYS ELAP CERT 10795

AUG. 11. 1998 11:03AM

BUCK ENVIRONMENTAL LABS

FAX NO. 607/631-4115 NO. 3560 P. 5 C4



**Laboratory Report**  
**Lab Log No: 9807136**

**Client:** DPRA ENVIRONMENTAL  
FIRST NATIONAL BANK BUILDING  
332 MINNESOTA ST, SUITE E-1500  
ST. PAUL MN 55101

Report Date: 08/05/98  
Sampling Date: 07/08/98  
Sampled By: R. HEIMBACH  
Date Received: 07/09/98

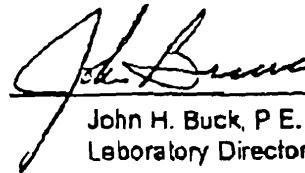
**Site:** SMC - 13 BROAD STREET

**Sample ID:** MW-2

ANALYTE	METHOD	ANALYZED BY	UNITS	DL	RESULTS	
Arsenic, total	206.2/7060	07/30/98	JLR	mg/L	0.001	ND
Barium, total	208.2/7081	08/05/98	JLR	mg/L	0.05	0.36
Cadmium, total	213.1/7130	07/30/98	JLR	mg/L	0.005	ND
Chromium, total	218.1/7190	07/30/98	JLR	mg/L	0.05	ND
Lead, total	239.2/7421	08/03/98	JLR	mg/L	0.001	ND
Mercury, total	245.1/7470	07/22/98	JLR	mg/L	0.0004	ND
Selenium, total	270.2/7740	08/03/98	JLR	mg/L	0.001	0.002
Silver, total	272.1/7760	07/30/98	JLR	mg/L	0.005	ND

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(ND => not detected above DL indicated)  
(DL => detection limit)  
(mg/L => ppm in water)  
(ug/g => ppm in solid)

  
John H. Buck, P.E.  
Laboratory Director  
ELAP ID: 10785

SENT BY:

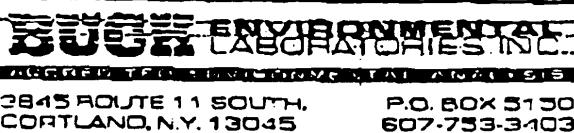
8- 3-98 11:43AM : HUNTON AND WILLIAMS-

815 449 4111; #51

U.S. MAIL ADV 10-20

BUCK ENVIRONMENTAL LABS

ELAP ID 10795



## Laboratory Report

Lab Log No: 9807136

Client: OPRA ENVIRONMENTAL  
 FIRST NATIONAL BANK BUILDING  
 332 MINNESOTA ST, SUITE E-1500  
 ST. PAUL MN 55101-  
 Site: SMC - 13 BROAD STREET

Report Date: 07/21/98  
 Sampling Date: 07/08/98  
 Sampled By: R. HEIMBACH  
 Date Received: 07/09/98  
 Analyzed By: PAJ  
 Analyzed: 07/16/98

Sample ID: MW-2

## VOLATILES BY EPA 6240

ANALYTE	CAS #	UNITS	DL	RESULTS
Aacetone	67-64-1	ug/L	100	ND
Benzene	71-43-2	ug/L	5	ND
Bromoethane	76-27-4	ug/L	5	ND
Bromofrom	75-26-2	ug/L	5	ND
Bromoethane	74-83-9	ug/L	10	ND
Carbon disulfide	76-15-C	ug/L	100	ND
Carbon tetrachloride	56-23-5	ug/L	5	ND
Chlorobenzene	106-40-7	ug/L	5	ND
Chloroform	75-00-3	ug/L	10	ND
2-Chloroethylvinyl ether	110-75-8	ug/L	5	ND
Chloroform	67-45-3	ug/L	5	ND
Chlorotoluene	7-47-5	ug/L	10	ND
Dibromoethane	124-48-1	ug/L	5	ND
1,2-Dichloroethane	68-66-1	ug/L	5	ND
1,3-Dichlorobenzene	641-73-1	ug/L	5	ND
1,4-Dichlorobenzene	106-48-7	ug/L	5	ND
Dichlorodifluoromethane	75-71-5	ug/L	5	ND
1,1-Dichloroethane	75-34-3	ug/L	5	ND
1,2-Dichloroethane	127-06-2	ug/L	5	ND
1,1-Dichloroethane	75-35-4	ug/L	5	ND
cis-1,2-Dichloroethene	158-69-2	ug/L	5	ND
trans-1,2-Dichloroethene	166-82-5	ug/L	5	ND
1,2-Dichloropropane	78-87-5	ug/L	5	ND
cis-1,3-Dichloropropene	103-81-01-3	ug/L	5	ND
trans-1,3-Dichloropropene	103-81-02-6	ug/L	5	ND
Ethylbenzene	100-41-1	ug/L	5	ND
Hexane	69-70-8	ug/L	50	ND
Methyl ethyl ketone	72-63-3	ug/L	100	ND
4-Methyl-2-Pentanone	106-10-1	ug/L	50	ND
Methylene Chloride	75-00-1	ug/L	5	ND
Siloxane	100-01-5	ug/L	5	ND
1,1,2,2-Tetrachloroethane	78-34-5	ug/L	5	ND
Tetra-Isobutylene	127-19-4	ug/L	5	ND
Toluene	108-86-2	ug/L	5	ND
1,1,1-Trichloroethane	71-42-8	ug/L	5	ND
1,1,2-Trichloroethane	79-00-5	ug/L	5	ND
Trichloroethane	76-11-6	ug/L	5	ND
Trichlorofluoroethane	75-83-1	ug/L	5	ND
Vinyl acetate	108-06-4	ug/L	50	ND
Vinyl chloride	75-21-4	ug/L	10	ND
Xylenes (m,p,t)	1330-60-7	ug/L	5	ND

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(ND =&gt; not detected above DL indicated)

(NEG =&gt; not detected)

(DL =&gt; detection limit)

(ug/L =&gt; ppb in water)

(ug/kg =&gt; ppb solid)

ES:LL/AB

John H. Buck, P.E.

Laboratory Director, ELAP ID 10795

SENT BY:

8- 3-98 :11:46AM : HUNTON AND WILLIAMS→

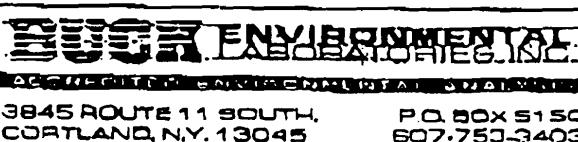
315 449 4111:#58

JUL-12-98 4ED 10:33

BUCK ENVIRONMENTAL LABS

FAX NO 6077533615

E.15



Client: DPRA ENVIRONMENTAL  
FIRST NATIONAL BANK BUILDING  
332 MINNESOTA ST, SUITE E-1500  
ST. PAUL MN 55101-  
Site: SMC - 13 BROAD STREET

## Laboratory Report

Lab Log No: 9807136

Report Date: 07/29/98  
 Sampling Date: 07/08/98  
 Sampled By: R. HEIMBACH  
 Date Received: 07/09/98  
 Analyzed By: PAI  
 Analyzed: 07/27/98

Sample ID: MW-2

### SEMI-VOLATILES BY 8270

ANALYTE	CAS #	UNITS	DL	RESULTS
Acenaphthene	23-32-9	ug/L	6	ND
Acenaphthylene	268-96-9	ug/L	6	ND
Anthracene	120-12-7	ug/L	6	ND
Benz(a)anthracene	58-43-3	ug/L	10	ND
Benzol[a]pyrene	50-32-8	ug/L	6	ND
Benzol[b]fluoranthene	205-39-2	ug/L	6	ND
Benzol[ghi]perylene	181-54-2	ug/L	ND	ND
Benzofluoranthene	207-08-9	ug/L	6	ND
Benzole Acid	65-85-0	ug/L	50	ND
Benzyl Alcohol	100-51-8	ug/L	20	ND
Benzyl butyl phthalate	65-68-7	ug/L	6	ND
Bis(2-chloroethyl)methane	111-61-1	ug/L	10	ND
Bis(2-chloroethyl)ether	111-44-4	ug/L	10	ND
Bis(2-chloroethyl)oxyether	1CB-80-1	ug/L	10	ND
Bis(2-ethyl hexyl)phthalate	117-81-7	ug/L	6	ND
4-Bromophenyl methyl ether	101-56-9	ug/L	6	ND
4-Chloro-3-methylchanol	55-50-7	ug/L	6	ND
p-Chloroaniline	108-47-8	ug/L	20	ND
2-Chloronaphthalene	91-48-7	ug/L	6	ND
2-Chlorophenol	95-57-8	ug/L	6	ND
4-Chlorophenyl phenyl ether	7003-72-2	ug/L	6	ND
Chrysene	218-01-8	ug/L	6	ND
Di-n-butyl phthalate	61-74-2	ug/L	6	ND
Dimethyl phthalate	117-84-0	ug/L	5	ND
Dibenzofluoranthene	53-70-3	ug/L	5	ND
Dibenzofuran	132-64-3	ug/L	10	ND
1,2-Dichlorobenzene	54-50-1	ug/L	5	ND
1,3-Dichlorobenzene	541-73-1	ug/L	5	ND
1,4-Dichlorobenzene	109-48-7	ug/L	5	ND
1,3-Dichloropropane	91-94-1	ug/L	20	ND
2,4-Dichlorophenol	120-83-2	ug/L	5	ND
Diethyl phthalate	84-65-2	ug/L	5	ND
Diethyl phthalate	121-11-3	ug/L	5	ND
2,4-Dimethylphenol	105-67-8	ug/L	5	ND
4-Dinitro-2-methylphenol	534-52-1	ug/L	25	ND
2,6-Dinitrophenol	31-28-5	ug/L	50	ND
2,4-Dinitrotoluene	121-16-2	ug/L	10	ND
2,6-Dinitrotoluene	606-20-2	ug/L	5	ND
Fluorene	208-44-0	ug/L	5	ND
Fluorene	86-73-7	ug/L	5	ND
Heptachloroethane	118-44-1	ug/L	5	ND
Hexachloroethane	67-68-3	ug/L	6	ND
Heptachlorocyclopentadiene	77-17-4	ug/L	5	ND
Hexachloroethane	67-72-1	ug/L	5	ND
7-Hydroxy(1,2,3-c-diphenyl)	130-39-5	ug/L	5	ND
Isoeugenol	78-59-1	ug/L	6	ND
2-Methylheptane	91-67-6	ug/L	10	ND
2,4-Diethylbenzene	95-48-7	ug/L	10	ND
4-Methylphenol	108-44-6	ug/L	10	ND
Naphthalene	91-20-3	ug/L	5	ND
2-Nitroanisole	98-74-4	ug/L	50	ND
3-Nitroanisole	99-09-2	ug/L	50	ND
4-Nitroanisole	103-01-06	ug/L	5	ND
Nitrobenzene	98-25-3	ug/L	5	ND
2-Nitrophenol	65-73-5	ug/L	5	ND
4-Nitrophenol	100-02-7	ug/L	5	ND
n-Nitrosodimethylamine	621-64-7	ug/L	5	ND
n-Nitrosodimethylamine	62-73-0	ug/L	5	ND
n-Nitrosodiphenylamine	68-30-8	ug/L	5	ND
Pentachlorophenol	97-98-5	ug/L	5	ND
Phenanthrene	85-01-8	ug/L	10	ND
Phenol	108-93-2	ug/L	5	ND
Pyrene	129-00-0	ug/L	5	ND
1,2,4-Trichlorobenzene	120-82-1	ug/L	5	ND
2,4,5-Trichlorobenzene	95-95-4	ug/L	10	ND
2,4,6-Trichlorobenzene	94-06-2	ug/L	5	ND

This laboratory analysis has been performed in accordance with generally accepted laboratory practices and requirements of the New York State Department of Health ELAP Program. Buck Environmental Laboratories, Inc. makes no recommendations, representations or warranties other than as specifically set forth in this report and shall not be responsible or liable for any action or the consequences of any action taken in connection with this report.

(ND =&gt; not detected above DL indicated)

(NEG =&gt; not detected)

(DL =&gt; detection limit)

(ug/L =&gt; ppb in water)

John H. Buck, P.E.  
Laboratory Director, ELAP ID 10795

SENT BY:  
FAX

8-3-98 :11:46AM : HUNTON AND WILLIAMS-  
C.R.A. ENVIRONMENTAL LABS FAX NO. 518-437-1111

315 449 4111:#60

**BUCK ENVIRONMENTAL**  
**LABORATORIES, INC.**

3845 ROUTE 11 SOUTH P.O. BOX 5150  
CORTLAND, N.Y. 13045 607-753-3403

Report Date: 07/29/98  
Lab Log Number: 9807136

**LABORATORY REPORT**

Client: DPRA Environmental  
First National Bank Building  
332 Minnesota St., Suite E-1500  
St. Paul, MN 55101

Site: SMC - 13 Broad Street

Sample Date: 07/07/98 and 07/08/98 by R. Heimbach

Samples: Waters

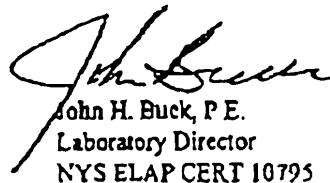
Method: Flame Ionization Detector, and/or GC/MS  
Adapted from NYSDOH 310-13 methodology

**TOTAL PETROLEUM HYDROCARBON**  
**QUANTITATION**

Equipment Blank #1	ND (<10 ug/L)
MW-1	ND (<10 ug/L)
MW-2	ND (<10 ug/L)
MW-3	ND (<10 ug/L)

ND - None detected greater than detection limit noted.

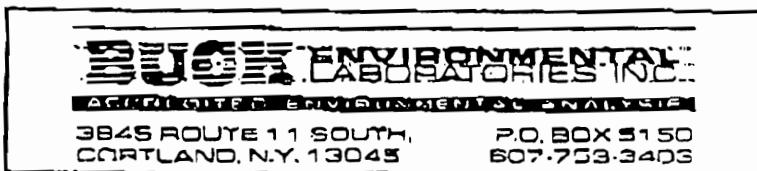
This analysis is certified as conforming to generally accepted laboratory practices and requirements of the New York State Health Department ELAP program.

  
John H. Buck, P.E.  
Laboratory Director  
NYS ELAP CERT 10795

AUG. 11, 1998 11:03AM

BUCK ENVIRONMENTAL LABS

FAX NO 6077533415 NO. 3560 P. 6 05



## Laboratory Report

Lab Log No: 9807136

Client: DPRA ENVIRONMENTAL  
FIRST NATIONAL BANK BUILDING  
332 MINNESOTA ST, SUITE E-1500  
ST. PAUL MN 55101-

Report Date: 08/05/98  
Sampling Date: 07/08/98  
Sampled By: R. HEIMBACH  
Date Received: 07/09/98

Site: SMC - 13 BROAD STREET

Sample ID: MW-3

ANALYTE	METHOD	ANALYZED BY	UNITS	DL	RESULTS
Arsenic, total	206.2/7060	07/30/98	JLR	mg/L	0.001
Barium, total	208.2/7081	08/05/98	JLR	mg/L	0.05
Cadmium, total	213.1/7130	07/30/98	JLR	mg/L	0.005
Chromium, total	218.1/7190	07/30/98	JLR	mg/L	0.05
Lead, total	239.2/7421	08/03/98	JLR	mg/L	0.001
Mercury, total	245.1/7470	07/22/98	JLR	mg/L	0.0004
Selenium, total	270.2/7740	08/03/98	JLR	mg/L	0.001
Silver, total	272.1/7760	07/30/98	JLR	mg/L	0.005
					ND

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(ND => not detected above DL indicated)  
(DL => detection limit)  
(mg/L => ppm in water)  
(ug/g => ppm in solid)

John H. Buck, P.E.  
Laboratory Director  
ELAP ID. 10795

SENT BY:

JULY 11-98 FAX 11:58

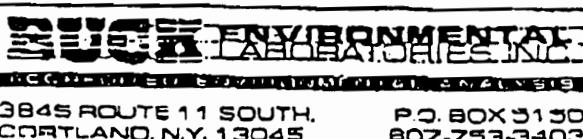
8- 3-98 :11:44AM : HUNTON AND WILLIAMS-

BUCK ENVIRONMENTAL LABS

FAX 11: 607-753-3403

315 449 4111:#52

11:58



Client: DPRA ENVIRONMENTAL  
FIRST NATIONAL BANK BUILDING  
332 MINNESOTA ST, SUITE E-1500  
ST. PAUL MN 55101-  
Site: SMC - 13 BROAD STREET

## Laboratory Report

Lab Log No: 9807136

Report Date: 07/21/98  
 Sampling Date: 07/08/98  
 Sampled By: R. HEIMBACH  
 Date Received: 07/09/98  
 Analyzed By: PAI  
 Analyzed: 07/16/98

Sample ID: MW-3

## VOLATILES BY EPA 8240

ANALYTE	CAS #	UNITS	DL	RESULTS
Acetone	67-64-1	ug/L	100	ND
Benzene	71-33-2	ug/L	5	ND
Bromoform	75-21-1	ug/L	5	ND
Bromomethane	75-25-2	ug/L	5	ND
Bromoethane	74-83-0	ug/L	10	ND
Carbon disulfide	75-15-0	ug/L	100	ND
Carbon tetrachloride	56-23-6	ug/L	5	ND
Chlorobenzene	106-40-7	ug/L	5	ND
Chloroethane	75-00-2	ug/L	10	ND
2-Chloroethyl vinyl ether	110-73-8	ug/L	5	ND
Chloroform	67-66-3	ug/L	5	ND
Chloromethane	74-87-3	ug/L	:0	ND
Dichlorodimethane	124-48-1	ug/L	5	ND
1,2-Dichloroethane	106-80-1	ug/L	5	ND
1,1-Dichloroethane	541-73-1	ug/L	5	ND
1,4-Dichlorobenzene	106-48-7	ug/L	5	ND
Dichlorodimethane	75-71-5	ug/L	5	ND
1,1-Dichloroethane	75-34-3	ug/L	5	ND
1,2-Dichloroethane	107-08-2	ug/L	5	ND
1,1-Dichloroethene	75-35-4	ug/L	5	ND
cis-1,2-Dichloroethene	156-59-2	ug/L	5	ND
trans-1,2-Dichloroethene	156-46-6	ug/L	5	ND
1,2-Dichloropropane	76-87-5	ug/L	5	ND
cis-1,3-Dichloropropene	10081-01-3	ug/L	5	ND
trans-1,3-Dichloropropene	10081-02-8	ug/L	5	ND
Ethylbenzene	100-41-1	ug/L	5	ND
Hexane	591-78-6	ug/L	50	ND
Methyl ethyl ketone	78-83-3	ug/L	100	ND
4-Methyl-2-Pentanone	103-10-1	ug/L	50	ND
Methylene Chloride	75-09-2	ug/L	5	3980
Sterane	100-22-9	ug/L	5	ND
1,1,2,2-Tetrafluoroethane	79-34-6	ug/L	5	ND
Tetradecane	127-18-4	ug/L	5	ND
Toluene	106-42-3	ug/L	5	ND
1,1,1-Trichloroethane	71-35-8	ug/L	5	ND
1,1,2-Trichloroethane	79-00-5	ug/L	5	ND
Trichloroethene	79-01-6	ug/L	5	ND
Trichlorofluoromethane	75-67-4	ug/L	5	ND
Vinyl acetate	108-05-4	ug/L	50	ND
Vinyl chloride	75-01-4	ug/L	10	ND
xylene (m,o,p)	1030-30-7	ug/L	5	ND

This laboratory analysis has been performed in accordance with generally accepted laboratory practices and requirements of the New York State Department of Health ELAP Program. Buck Environmental Laboratories, Inc. makes no recommendations, representations or warranties other than as specifically set forth in this report and shall not be responsible or liable for any action or the consequences of any action taken in connection with this report.

(ND =&gt; not detected above DL indicated)

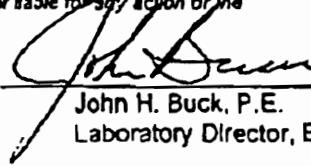
(NEG =&gt; not detected)

(DL =&gt; detection limit)

(ug/L =&gt; ppb in water)

(ug/kg =&gt; ppb solid)

NOTES/FAX



John H. Buck, P.E.

Laboratory Director, ELAP ID 10795

3980

SENT BY:

8- 3-98 :11:46AM : HUNTON AND WILLIAMS-

315 449 4111:#59

W.H.-98-0046 DATED 10/13/98

BUCK ENVIRONMENTAL LABS

TEL NO. 607-753-3403

E.E.

**BUCK ENVIRONMENTAL**  
**LABORATORIES, INC.**
3845 ROUTE 11 SOUTH,  
CORTLAND, N.Y. 13045P.O. BOX 5150  
607-753-3403

Client: DPRA ENVIRONMENTAL  
 FIRST NATIONAL BANK BUILDING  
 332 MINNESOTA ST, SUITE E-1500  
 ST. PAUL MN 55101-  
 Site: SMC - 13 BROAD STREET

**Laboratory Report**  
**Lab Log No: 9807136**

Report Date: 07/29/98  
 Sampling Date: 07/08/98  
 Sampled By: R. HEIMBACH  
 Date Received: 07/09/98  
 Analyzed By: PAJ  
 Analyzed: 07/27/98

Sample ID: MW-3

**SEMI-VOLATILES BY 8270**

ANALYTE	CAS #	UNITS	DL	RESULTS
Acenaphthene	83-32-6	ug/L	5	ND
Acenaphthidene	208-86-8	ug/L	8	ND
Acenaphthene	120-12-7	ug/L	5	ND
Benzofluoranthene	56-55-3	ug/L	10	ND
Benzofluoranthene	50-32-4	ug/L	6	ND
Benzofluoranthene	205-99-2	ug/L	5	ND
Benzofluoranthene	101-24-2	ug/L	5	ND
Benzofluoranthene	207-08-9	ug/L	5	ND
Benzofluoranthene	65-85-0	ug/L	50	ND
Benzyl Alcohol	100-51-6	ug/L	20	ND
Benzyl butyl phthalate	85-68-7	ug/L	5	ND
Bis(2-chloroethyl)ether	111-91-1	ug/L	10	ND
Bis(2-chloroethyl)ether	111-44-4	ug/L	10	ND
Bis(2-chloroethyl)ether	108-00-1	ug/L	10	ND
Bis(2-ethylhexyl)phthalate	117-81-7	ug/L	8	ND
4-Bromophenyl ether	101-55-3	ug/L	5	ND
4-Chloro-3-methylphenol	58-50-7	ug/L	6	ND
p-Chloranil	108-47-8	ug/L	20	ND
2-Chloronaphthalene	91-68-7	ug/L	5	ND
2-Chlorophenol	25-37-8	ug/L	5	ND
4-Chlorophenyl phenyl ether	7006-72-3	ug/L	5	ND
Cinnamal	216-01-6	ug/L	5	ND
Dimethyl phthalate	64-74-2	ug/L	5	ND
Dimethyl phthalate	117-64-0	ug/L	5	ND
Dibenz(1,3,5)benzene	53-70-3	ug/L	5	ND
Dibenzofuran	132-64-0	ug/L	10	ND
1,2-Dichlorobenzene	56-80-1	ug/L	5	ND
1,3-Dichlorobenzene	841-73-1	ug/L	5	ND
1,4-Dichlorobenzene	106-48-7	ug/L	5	ND
3,3-Dichlorobenzene	91-64-1	ug/L	20	ND
2,4-Dichlorophenol	120-83-2	ug/L	5	ND
Dimethyl phthalate	84-68-2	ug/L	5	ND
Dimethyl phthalate	131-11-3	ug/L	5	ND
2,4-Dimethylphenol	106-47-9	ug/L	8	ND
4-E-Nitro-2-methylphenol	534-62-1	ug/L	25	ND
2,4-E-Nitrophenol	51-28-6	ug/L	80	ND
2,4-E-Nitrophenol	121-14-2	ug/L	10	ND
2,6-E-Nitrophenol	605-20-2	ug/L	5	ND
Fluoranthene	106-44-0	ug/L	5	ND
Fluorene	85-73-7	ug/L	5	ND
Hexachlorobenzene	116-74-1	ug/L	5	ND
Hexachlorobutadiene	67-68-3	ug/L	5	ND
Hexachlorocyclopentadiene	77-47-4	ug/L	5	ND
Hexachloroethane	87-77-1	ug/L	5	ND
Indeno(1,2,3-c)pyrene	103-30-5	ug/L	5	ND
Isophorone	79-58-1	ug/L	5	ND
2-Methylnaphthalene	81-57-6	ug/L	10	ND
2-Methylphenol	95-48-7	ug/L	10	ND
4-Methylphenol	106-44-3	ug/L	10	ND
Methylbenzene	91-23-3	ug/L	5	ND
2-Nitroaniline	86-74-4	ug/L	20	ND
3-Nitroaniline	99-09-2	ug/L	50	ND
4-Nitro-aniline	100-01-06	ug/L	50	ND
N-Nitroso-diazene	85-95-3	ug/L	5	ND
2-Nitrofuran	60-76-5	ug/L	5	ND
4-Nitrofuran	100-02-7	ug/L	5	ND
N-Nitroso-d-n-propylamine	621-64-7	ug/L	5	ND
N-Nitroso-methylamine	621-78-0	ug/L	8	ND
N-Nitroso-d-phénylamine	86-30-6	ug/L	5	ND
Pentachlorophenol	87-58-5	ug/L	5	ND
Phenanthrene	85-C1-8	ug/L	10	ND
Phenol	108-95-2	ug/L	5	ND
Pyrene	129-20-0	ug/L	5	ND
1,2,4-Trichlorobenzene	120-82-1	ug/L	5	ND
2,4,5-Trichlorophenol	25-30-4	ug/L	10	ND
2,4,6-Trichlorophenol	86-06-2	ug/L	5	ND

This laboratory analysis has been performed in accordance with generally accepted laboratory practices and requirements of the New York State Department of Health ELAP Program. Buck Environmental Laboratories, Inc. makes no recommendations, representations or warranties other than as specifically set forth in this report and shall not be responsible or liable for any action or the consequences of any action taken in connection with this report.

(ND =&gt; not detected above DL indicated)

(NEG =&gt; not detected)

(DL =&gt; detection limit)

(ug/L =&gt; ppb in water)

John H. Buck, P.E.  
Laboratory Director. ELAP ID 10795

SENT BY:  
U.S. MAIL RECD 11-00

8-3-98 :11:46AM : HILTON AND WILLIAMS  
ELA ENVIRONMENTAL LABS

315 449 4111:#60

**BUCK ENVIRONMENTAL**  
**LABORATORIES, INC.**

3845 ROUTE 11 SOUTH  
CORTLAND, N.Y. 13045

P.O. BOX 5150  
607-753-3403

Report Date: 07/29/98  
Lab Log Number: 9807136

**LABORATORY REPORT**

Client: DPRA Environmental  
First National Bank Building  
332 Minnesota St., Suite E-1500  
St. Paul, MN 55101

Site: SMC - 13 Broad Street

Sample Date: 07/07/98 and 07/08/98 by R. Heinrich

Samples: Waters

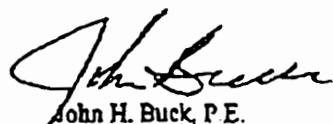
Method: Flame Ionization Detector, and/or GC/MS  
Adapted from NYSDOH 310-13 methodology

**TOTAL PETROLEUM HYDROCARBON**  
**QUANTITATION**

Equipment Blank #1	ND (<10 ug/L)
MW-1	ND (<10 ug/L)
MW-2	ND (<10 ug/L)
MW-3	ND (<10 ug/L)

ND - None detected greater than detection limit noted.

This analysis is certified as conforming to generally accepted laboratory practices and requirements of the New York State Health Department ELAP program.

  
John H. Buck, P.E.  
Laboratory Director  
NYS ELAP CERT 10795

SENT BY:

8- 3-98 11:44AM : HUNTON AND WILLIAMS-

315 449 4111:#53

FAX 518 465 1100

BUCK ENVIRONMENTAL LABS

FAX 518 465 1100

**BUCK ENVIRONMENTAL**

LABORATORIES INC.

SPECIALISTS IN ENVIRONMENTAL ANALYSIS

3849 ROUTE 11 SOUTH,  
CORTLAND, N.Y. 13045P.O. BOX 5150  
607-750-3403

Client: DPRA ENVIRONMENTAL  
 FIRST NATIONAL BANK BUILDING  
 332 MINNESOTA ST, SUITE E-1500  
 ST. PAUL MN 55101-  
 Site: SMC - 13 BROAD STREET

**Laboratory Report**  
**Lab Log No: 9807136**

Report Date: 07/21/98  
 Sampling Date: 07/07/98  
 Sampled By: R. HEIMBACH  
 Date Received: 07/09/98  
 Analyzed By: PAI  
 Analyzed: 07/18/98

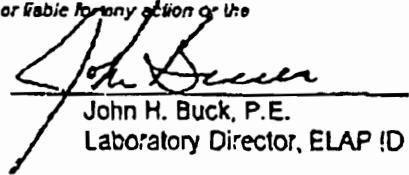
**Sample ID: DUPLICATE**                    **VOLATILES BY EPA 8240**

ANALYTE	CAS #	UNITS	DL	RESULTS
Acetone	67-06-1	ug/L	100	ND
Benzene	71-43-2	ug/L	5	ND
Chlorodichloromethane	75-27-4	ug/L	5	ND
Dromethane	75-25-2	ug/L	5	ND
Bromoethane	71-43-0	ug/L	10	ND
Carbon disulfide	75-15-0	ug/L	100	ND
Carbon tetrachloride	56-23-5	ug/L	5	ND
Chloroform	108-93-7	ug/L	5	ND
Chloromethane	75-00-2	ug/L	10	ND
Z-Chloroethyl n. ether	110-75-8	ug/L	5	ND
Cyclohexane	67-86-3	ug/L	5	ND
Chloromethane	74-87-3	ug/L	10	ND
Dibromodichloro ethene	124-43-1	ug/L	5	ND
1,2-Dichloroethene	36-60-1	ug/L	5	ND
1,3-Dichloropropane	541-72-1	ug/L	5	ND
1,4-Dichlorobenzene	102-46-7	ug/L	5	ND
Dichlorodifluoromethane	75-71-5	ug/L	5	ND
1,1-Dichloroethane	75-31-3	ug/L	5	ND
1,2-Dichloroethane	107-06-2	ug/L	5	ND
1,1-Dichloroethene	75-33-0	ug/L	5	ND
cis-1,2-Dichloroethene	156-59-2	ug/L	5	ND
trans-1,2-Dichloroethene	156-42-5	ug/L	5	ND
1,2-Dichloropropene	70-07-5	ug/L	5	ND
cis-1,2-Dichloropropene	10381-01-6	ug/L	5	ND
trans-1,2-Dichloropropene	10241-92-6	ug/L	5	ND
Ethylbenzene	101-41-1	ug/L	50	ND
Heptane	591-75-6	ug/L	50	ND
Methyl Ethyl Ketone	78-00-2	ug/L	100	ND
4-Methyl-2-Pentanone	106-10-1	ug/L	50	ND
Methylene Chloride	75-00-2	ug/L	5	ND
Sterane	100-42-5	ug/L	5	ND
1,1,2,3-Tetrachloroethane	193-54-5	ug/L	5	ND
Tetrahydroethane	127-19-4	ug/L	5	ND
Toluene	108-69-3	ug/L	5	ND
1,1,1-Trichloroethane	71-55-6	ug/L	5	ND
1,1,2-Trichloroethane	79-00-5	ug/L	5	ND
Trichloroethane	79-01-0	ug/L	5	ND
Trichloroform-methane	7549-4	ug/L	5	ND
Vinyl acetate	108-05-1	ug/L	50	ND
Vinyl chloride	71-07-1	ug/L	10	ND
Vinylene(m 3,8)	1520-23-7	ug/L	5	ND

3723 2720

This laboratory analysis has been performed in accordance with generally accepted laboratory practices and requirements of the New York State Department of Health ELAP Program. Buck Environmental Laboratories, Inc. makes no recommendations, representations or warranties other than as specifically set forth in this report and shall not be responsible or liable for any action or the consequences of any action taken in connection with this report.

(ND => not detected above DL indicated)  
 (NEG => not detected)  
 (DL => detection limit)  
 (ug/L => ppb in water)  
 (ug/kg => ppb solid)



John H. Buck, P.E.  
 Laboratory Director, ELAP ID 10795

## NYSDEC ASP

1  
INORGANIC ANALYSES DATA SHEET

NYSDEC SAMPLE NO.

Lab Name: Galson Laboratories

Contract: BBL

MW-1

Lab Code: 11626

Case No.:

SAS No.:

SDG No.: L53777

Matrix (soil/water): Water

Lab Sample ID: L53783-1

Level (low/med): LOW

Date Received: 08/26/99

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): ug/l

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum		-		NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic				NR
7440-39-3	Barium				P
7440-41-7	Beryllium	85.7	B		NR
7440-43-9	Cadmium				NR
7440-70-2	Calcium				NR
7440-47-3	Chromium				NR
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron				NR
7439-92-1	Lead	2.0	U		P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury				NR
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium				NR
7440-22-4	Silver				NR
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
57-12-5	Cyanide				NR

Color Before: colorless

Clarity Before: clear

Texture:

Color After: colorless

Clarity After: clear

Artifacts:

Comments:

1A  
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

Lab Name: GALSON LABORATORIES	Contract: Blasland, B	MW-1(13)	
Lab Code:	Case No.: 1	SAS No.:	SDG No.: L53777
Matrix: (soil/water) Water		Lab Sample ID:	L53777-5
Sample wt/vol: 5	(g/mL) mL	Lab File ID:	BC082613
Level: (low/med)	LOW	Date Received:	08/25/99
%Moisture: not dec.	,	Date Analyzed:	08/26/99
GC Column: HP-624	ID: .2	(mm)	Dilution Factor: 1
Soil Extract Volume:	(uL)	Soil Aliquot Volume:	(uL)

CONCENTRATION UNITS:  
(ug/L or ug/Kg) ug/l

CAS NO.	COMPOUND	Q
75-71-8-----	Dichlorodifluoromethane	5
74-87-3-----	Chloromethane	5
75-01-4-----	Vinyl Chloride	5
74-83-9-----	Bromomethane	5
75-00-3-----	Chloroethane	5
75-69-4-----	Trichlorofluoromethane	5
75-35-4-----	1,1-Dichloroethene	5
67-64-1-----	Acetone	10
75-09-2-----	Methylene Chloride	5
75-34-3-----	1,1-Dichloroethane	5
78-93-3-----	2-Butanone	10
156-59-2-----	cis-1,2-Dichloroethene	5
156-60-5-----	trans-1,2-Dichloroethene	5
590-20-7-----	2,2-Dichloropropane	5
74-97-5-----	Bromochloromethane	5
67-66-3-----	Chloroform	5
71-55-6-----	1,1,1-Trichloroethane	5
56-23-5-----	Carbon Tetrachloride	5
563-58-6-----	1,1-Dichloropropene	5
71-43-2-----	Benzene	5
107-06-2-----	1,2-Dichloroethane	5
79-01-6-----	Trichloroethene	5
78-87-5-----	1,2-Dichloropropane	5
74-95-3-----	Dibromomethane	5
75-27-4-----	Bromodichloromethane	5
108-10-1-----	4-Methyl-2-pentanone	10
108-88-3-----	Toluene	5
79-00-5-----	1,1,2-Trichloroethane	5
127-18-4-----	Tetrachloroethene	5
142-28-9-----	1,3-Dichloropropane	5
591-78-6-----	2-Hexanone	10
124-48-1-----	Dibromochloromethane	5
106-93-4-----	1,2-Dibromoethane	5
108-90-7-----	Chlorobenzene	5

1A  
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

Lab Name: GALSON LABORATORIES	Contract: Blasland, B	MW-1 (13)	
Lab Code:	Case No.: 1	SAS No.:	SDG No.: L53777
Matrix: (soil/water) Water		Lab Sample ID:	L53777-5
Sample wt/vol: 5	(g/mL) mL	Lab File ID:	BC082613
Level: (low/med)	LOW	Date Received:	08/25/99
%Moisture: not dec.	,	Date Analyzed:	08/26/99
GC Column: HP-624	ID: .2	(mm)	Dilution Factor: 1
Soil Extract Volume:	(uL)	Soil Aliquot Volume:	(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/l Q	
100-41-4-----	Ethylbenzene	5	U
630-20-6-----	1,1,1,2-Tetrachloroethane	5	U
000-00-0-----	m,p-Xylene	5	U
100-42-5-----	Styrene	5	U
95-47-6-----	o-Xylene	5	U
98-82-8-----	Isopropylbenzene	5	U
103-65-1-----	n-Propylbenzene	5	U
98-06-6-----	tert-butylbenzene	5	U
75-25-2-----	Bromoform	5	U
79-34-5-----	1,1,2,2-Tetrachloroethane	5	U
96-18-4-----	1,2,3-Trichloropropane	5	U
108-86-1-----	Bromobenzene	5	U
95-63-6-----	1,2,4-Trimethylbenzene	5	U
108-67-8-----	1,3,5-Trimethylbenzene	5	U
95-49-8-----	2-Chlorotoluene	5	U
106-43-4-----	4-Chlorotoluene	5	U
135-98-8-----	sec-butylbenzene	5	U
99-87-6-----	p-Isopropyltoluene	5	U
541-73-1-----	1,3-Dichlorobenzene	5	U
106-46-7-----	1,4-Dichlorobenzene	5	U
95-50-1-----	1,2-Dichlorobenzene	5	U
104-51-8-----	n-Butylbenzene	5	U
96-12-8-----	1,2-Dibromo-3-chloropropane	5	U
120-82-1-----	1,2,4-Trichlorobenzene	5	U
87-68-3-----	Hexachlorobutadiene	5	U
91-20-3-----	Naphthalene	5	U
87-61-6-----	1,2,3-Trichlorobenzene	5	U

1E  
 VOLATILE ORGANICS ANALYSIS DATA SHEET  
 TENTATIVELY IDENTIFIED COMPOUNDS

SAMPLE NO.

Lab Name: GALSON LABORATORIES

Contract: Blasland, B

MW-1 (13)

Lab Code: Case No.: 1

SAS No.: SDG No.: L53777

Matrix: (soil/water) Water

Lab Sample ID: L53777-5

Sample wt/vol: 5 (g/mL) mL

Lab File ID: BC082613

Level: (low/med) LOW

Date Received: 08/25/99

%Moisture: not dec.

Date Analyzed: 08/26/99

GC Column: HP-624 ID: .2 (mm)

Dilution Factor: 1

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:  
 (ug/L or ug/Kg) ug/l

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	No Volatiles Found			
2.				
3.				
4.				
5.				
6.				
7.				
8.				
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28.				
29.				
30.				

1A  
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

Lab Name: GALSON LABORATORIES	Contract: Blasland, B	MW-3 (13)	
Lab Code:	Case No.: 1	SAS No.:	SDG No.: L53777
Matrix: (soil/water) Water		Lab Sample ID:	L53777-1
Sample wt/vol: 5	(g/mL) mL	Lab File ID:	BC082605
Level: (low/med)	LOW	Date Received:	08/25/99
%Moisture: not dec.	/	Date Analyzed:	08/26/99
GC Column: HP-624	ID: .2	(mm)	Dilution Factor: 1
Soil Extract Volume:	(uL)	Soil Aliquot Volume:	(uL)

CONCENTRATION UNITS:  
(ug/L or ug/Kg) ug/l

CAS NO.	COMPOUND	Q
75-71-8-----	Dichlorodifluoromethane _____	5
74-87-3-----	Chloromethane _____	5
75-01-4-----	Vinyl Chloride _____	5
74-83-9-----	Bromomethane _____	5
75-00-3-----	Chloroethane _____	5
75-69-4-----	Trichlorofluoromethane _____	5
75-35-4-----	1,1-Dichloroethene _____	5
67-64-1-----	Acetone _____	10
75-09-2-----	Methylene Chloride _____	5
75-34-3-----	1,1-Dichloroethane _____	5
78-93-3-----	2-Butanone _____	10
156-59-2-----	cis-1,2-Dichloroethene _____	5
156-60-5-----	trans-1,2-Dichloroethene _____	5
590-20-7-----	2,2-Dichloropropane _____	5
74-97-5-----	Bromochloromethane _____	5
67-66-3-----	Chloroform _____	5
71-55-6-----	1,1,1-Trichloroethane _____	5
56-23-5-----	Carbon Tetrachloride _____	5
563-58-6-----	1,1-Dichloropropene _____	5
71-43-2-----	Benzene _____	5
107-06-2-----	1,2-Dichloroethane _____	5
79-01-6-----	Trichloroethene _____	3
78-87-5-----	1,2-Dichloropropane _____	5
74-95-3-----	Dibromomethane _____	5
75-27-4-----	Bromodichloromethane _____	5
108-10-1-----	4-Methyl-2-pentanone _____	10
108-88-3-----	Toluene _____	5
79-00-5-----	1,1,2-Trichloroethane _____	5
127-18-4-----	Tetrachloroethene _____	3
142-28-9-----	1,3-Dichloropropane _____	5
591-78-6-----	2-Hexanone _____	10
124-48-1-----	Dibromochloromethane _____	5
106-93-4-----	1,2-Dibromoethane _____	5
108-90-7-----	Chlorobenzene _____	5

1A  
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

Lab Name: GALSON LABORATORIES	Contract: Blasland, B	MW-3 (13)
Lab Code:	SAS No.:	SDG No.: L53777
Matrix: (soil/water) Water	Lab Sample ID: L53777-1	
Sample wt/vol: 5 (g/mL) mL	Lab File ID: BC082605	
Level: (low/med) LOW	Date Received: 08/25/99	
%Moisture: not dec.	Date Analyzed: 08/26/99	
GC Column: HP-624 ID: .2 (mm)	Dilution Factor: 1	
Soil Extract Volume: (uL)	Soil Aliquot Volume: (uL)	

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	ug/l	Q
100-41-4-----	Ethylbenzene	5	U	
630-20-6-----	1,1,1,2-Tetrachloroethane	5	U	
000-00-0-----	m,p-Xylene	5	U	
100-42-5-----	Styrene	5	U	
95-47-6-----	o-Xylene	5	U	
98-82-8-----	Isopropylbenzene	5	U	
103-65-1-----	n-Propylbenzene	5	U	
98-06-6-----	tert-butylbenzene	5	U	
75-25-2-----	Bromoform	5	U	
79-34-5-----	1,1,2,2-Tetrachloroethane	5	U	
96-18-4-----	1,2,3-Trichloropropane	5	U	
108-86-1-----	Bromobenzene	5	U	
95-63-6-----	1,2,4-Trimethylbenzene	5	U	
108-67-8-----	1,3,5-Trimethylbenzene	5	U	
95-49-8-----	2-Chlorotoluene	5	U	
106-43-4-----	4-Chlorotoluene	5	U	
135-98-8-----	sec-butylbenzene	5	U	
99-87-6-----	p-Isopropyltoluene	5	U	
541-73-1-----	1,3-Dichlorobenzene	5	U	
106-46-7-----	1,4-Dichlorobenzene	5	U	
95-50-1-----	1,2-Dichlorobenzene	5	U	
104-51-8-----	n-Butylbenzene	5	U	
96-12-8-----	1,2-Dibromo-3-chloropropane	5	U	
120-82-1-----	1,2,4-Trichlorobenzene	5	U	
87-68-3-----	Hexachlorobutadiene	5	U	
91-20-3-----	Naphthalene	5	JB	JK
87-61-6-----	1,2,3-Trichlorobenzene	5	U	

1E  
 VOLATILE ORGANICS ANALYSIS DATA SHEET  
 TENTATIVELY IDENTIFIED COMPOUNDS

SAMPLE NO.

Lab Name: GALSON LABORATORIES

Contract: Blasland, B

MW-3 (13)

Lab Code: Case No.: 1

SAS No.: SDG No.: L53777

Matrix: (soil/water) Water

Lab Sample ID: L53777-1

Sample wt/vol: 5 (g/mL) mL

Lab File ID: BC082605

Level: (low/med) LOW

Date Received: 08/25/99

%Moisture: not dec.

Date Analyzed: 08/26/99

GC Column: HP-624 ID: .2 (mm)

Dilution Factor: 1

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) ug/l

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	No Volatiles Found			
2.				
3.				
4.				
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28.				
29.				
30.				

1A  
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

Lab Name: GALSON LABORATORIES

Contract: Blasland, B

MW-3 (13) DUP

Lab Code: Case No.: 1

SAS No.:

SDG No.: L53777

Matrix: (soil/water) Water

Lab Sample ID: L53777-2

Sample wt/vol: 5 (g/mL) mL

Lab File ID: BC082611

Level: (low/med) LOW

Date Received: 08/25/99

%Moisture: not dec.

Date Analyzed: 08/26/99

GC Column: HP-624 ID: .2 (mm)

Dilution Factor: 1

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	ug/l	Q
75-71-8-----	Dichlorodifluoromethane	5	8 WJ	
74-87-3-----	Chloromethane	5	JUJ	
75-01-4-----	Vinyl Chloride	5	U	
74-83-9-----	Bromomethane	5	JUJ	
75-00-3-----	Chloroethane	5	U	
75-69-4-----	Trichlorofluoromethane	5	U	
75-35-4-----	1,1-Dichloroethene	5	U	
67-64-1-----	Acetone	10	U	
75-09-2-----	Methylene Chloride	5	JU	
75-34-3-----	1,1-Dichloroethane	5	U	
78-93-3-----	2-Butanone	10	U	
156-59-2-----	cis-1,2-Dichloroethene	5	U	
156-60-5-----	trans-1,2-Dichloroethene	5	U	
590-20-7-----	2,2-Dichloropropane	5	U	
74-97-5-----	Bromochloromethane	5	U	
67-66-3-----	Chloroform	5	U	
71-55-6-----	1,1,1-Trichloroethane	5	U	
56-23-5-----	Carbon Tetrachloride	5	U	
563-58-6-----	1,1-Dichloropropene	5	U	
71-43-2-----	Benzene	5	U	
107-06-2-----	1,2-Dichloroethane	5	U	
79-01-6-----	Trichloroethene	3	J	
78-87-5-----	1,2-Dichloropropane	5	U	
74-95-3-----	Dibromomethane	5	U	
75-27-4-----	Bromodichloromethane	5	U	
108-10-1-----	4-Methyl-2-pentanone	10	U	
108-88-3-----	Toluene	5	U	
79-00-5-----	1,1,2-Trichloroethane	5	U	
127-18-4-----	Tetrachloroethene	3	J	
142-28-9-----	1,3-Dichloropropane	5	U	
591-78-6-----	2-Hexanone	10	U	
124-48-1-----	Dibromochloromethane	5	U	
106-93-4-----	1,2-Dibromoethane	5	U	
108-90-7-----	Chlorobenzene	5	U	

1A  
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

Lab Name: GALSON LABORATORIES

Contract: Blasland, B

MW-3 (13) DUP

Lab Code: Case No.: 1

SAS No.:

SDG No.: L53777

Matrix: (soil/water) Water

Lab Sample ID: L53777-2

Sample wt/vol: 5 (g/mL) mL

Lab File ID: BC082611

Level: (low/med) LOW

Date Received: 08/25/99

%Moisture: not dec. ,

Date Analyzed: 08/26/99

GC Column: HP-624 ID: .2 (mm)

Dilution Factor: 1

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:  
(ug/L or ug/Kg) ug/l Q

100-41-4-----Ethylbenzene	5	U
630-20-6-----1,1,1,2-Tetrachloroethane	5	U
000-00-0-----m,p-Xylene	5	U
100-42-5-----Styrene	5	U
95-47-6-----o-Xylene	5	U
98-82-8-----Isopropylbenzene	5	U
103-65-1-----n-Propylbenzene	5	U
98-06-6-----tert-butylbenzene	5	U
75-25-2-----Bromoform	5	U
79-34-5-----1,1,2,2-Tetrachloroethane	5	U
96-18-4-----1,2,3-Trichloropropane	5	U
108-86-1-----Bromobenzene	5	U
95-63-6-----1,2,4-Trimethylbenzene	5	U
108-67-8-----1,3,5-Trimethylbenzene	5	U
95-49-8-----2-Chlorotoluene	5	U
106-43-4-----4-Chlorotoluene	5	U
135-98-8-----sec-butylbenzene	5	U
99-87-6-----p-Isopropyltoluene	5	U
541-73-1-----1,3-Dichlorobenzene	5	U
106-46-7-----1,4-Dichlorobenzene	5	U
95-50-1-----1,2-Dichlorobenzene	5	U
104-51-8-----n-Butylbenzene	5	U
96-12-8-----1,2-Dibromo-3-chloropropane	5	U
120-82-1-----1,2,4-Trichlorobenzene	5	U
87-68-3-----Hexachlorobutadiene	5	U
91-20-3-----Naphthalene	5	U
87-61-6-----1,2,3-Trichlorobenzene	5	U

1E  
 VOLATILE ORGANICS ANALYSIS DATA SHEET  
 TENTATIVELY IDENTIFIED COMPOUNDS

SAMPLE NO.

Lab Name: GALSON LABORATORIES

Contract: Blasland, B

MW-3 (13) DUP

Lab Code: Case No.: 1

SAS No.: SDG No.: L53777

Matrix: (soil/water) Water

Lab Sample ID: L53777-2

Sample wt/vol: 5 (g/mL) mL

Lab File ID: BC082611

Level: (low/med) LOW

Date Received: 08/25/99

%Moisture: not dec.

Date Analyzed: 08/26/99

GC Column: HP-624 ID: .2 (mm)

Dilution Factor: 1

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) ug/l

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	No Volatiles Found			
2.				
3.				
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## ***Attachment 8***

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### **Laboratory Analytical Results Groundwater Samples 13 Broad Street – September 2000**

**These results (detections) were summarized in Table 5 of the *Final Investigation Report*, a copy of which is attached.**



**Table 5**

**Progress Parkway Enterprises, Inc.  
Binghamton, New York  
Final Investigation Report**

**13 Broad Street Facility Site Investigation Groundwater Analytical Results - Methylene Chloride**

Sample Location	Results (ppb)
MW-1	5 UJ
MW-3	5 UJ
MW-4*	5 UJ
TW-3A	5 UJ
TW-3B	5 UJ
TW-3C	3 J
TW-3D	5 UJ
TW-3E	5 UJ
TW-3F**	5 UJ

**Notes:**

1. Samples collected by Blasland, Bouck & Lee, Inc. (BBL) between September 18, 2000 and September 26, 2000 in accordance with the NYSDEC-approved *Site Investigation Work Plan (SIWP)* (BBL, July 2000).
2. Samples analyzed by Galson Laboratories for methylene chloride using USEPA SW-846 Method 8260.
3. Concentrations are in parts per billion (ppb) or micrograms per liter (ug/l).
4. U = The compound was analyzed for but not detected. The associated value is the compound quantitation limit.
5. J = The compound was positively identified; however, the associated numerical value is an estimated concentration only.
6. UJ = The compound was not detected above the reported sample quantitation limit. However, the reported limit is an estimated limit of quantitation.
7. \* = Duplicate sample for MW-3.
8. \*\* = Duplicate sample for TW-3B.
9. The New York State Department of Environmental Conservation (NYSDEC) ground-water quality standard for methylene chloride is 5 ppb as set forth in the NYSDEC Technical and Operational Guidance Series (TOGS) 1.1.1, dated June 1998.
10. The laboratory analytical results were validated by BBL in accordance with the procedures and methods detailed in the NYSDEC-approved *SIWP*.

1A  
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

Lab Name: GALSON LABORATORIES	Contract: Blasland, B	MW-1	
Lab Code:	Case No.: 1	SAS No.:	SDG No.: L63616
Matrix: (soil/water) Water		Lab Sample ID: L63851-7	
Sample wt/vol: 5 (g/mL) mL		Lab File ID: CD092721	
Level: (low/med) LOW		Date Received: 09/26/00	
%Moisture: not dec.		Date Analyzed: 09/28/00	
GC Column: HP-624	ID: .25 (mm)	Dilution Factor: 1	
Soil Extract Volume:	(uL)	Soil Aliquot Volume: (uL)	

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/l	
75-09-2-----Methylene chloride	5	<u>5</u>	Q

1A  
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

Lab Name: GALSON LABORATORIES

Contract: Blasland, B

MW-3

Lab Code: Case No.: 1

SAS No.:

SDG No.: L63616

Matrix: (soil/water) Water

Lab Sample ID: L63851-3

Sample wt/vol: 5 (g/mL) mL

Lab File ID: CD092712

Level: (low/med) LOW

Date Received: 09/26/00

%Moisture: not dec.

Date Analyzed: 09/27/00

GC Column: HP-624 ID: .25 (mm)

Dilution Factor: 1

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

## CONCENTRATION UNITS:

(ug/L or ug/Kg) ug/l

Q

CAS NO.	COMPOUND		
75-09-2-----	Methylene chloride	5	845

<sup>1A</sup>  
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

Lab Name: GALSON LABORATORIES

Contract: Blasland, B

MW-4

Lab Code: Case No.: 1

SAS No.:

SDG No.: L63616

Matrix: (soil/water) Water

Lab Sample ID: L63851-6

Sample wt/vol: 5 (g/mL) mL

Lab File ID: CD092713

Level: (low/med) LOW

Date Received: 09/26/00

%Moisture: not dec.

Date Analyzed: 09/27/00

GC Column: HP-624 ID: .25 (mm)

Dilution Factor: 1

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) ug/l

Q

CAS NO.	COMPOUND		
75-09-2-----	Methylene chloride	5	X uJ

1A  
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

Lab Name: GALSON LABORATORIES

Contract: Blasland. B

TW-3A

Lab Code: Case No.: 1

SAS No.:

SDG No.: L63616

Matrix: (soil/water) Water

Lab Sample ID: L63616-2

Sample wt/vol: 5 (g/mL) mL

Lab File ID: CD091807

Level: (low/med) LOW

Date Received: 09/18/00

%Moisture: not dec.

Date Analyzed: 09/18/00

GC Column: HP-624 ID: .25 (mm)

Dilution Factor: 1

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) ug/l Q

CAS NO.	COMPOUND		
75-09-2-----	Methylene chloride	54	Q

1A  
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

Lab Name: GALSON LABORATORIES	Contract: Blasland, B	TW-3B
Lab Code:	SAS No.:	SDG No.: L63616
Matrix: (soil/water) Water	Lab Sample ID: L63686-5	
Sample wt/vol: 5 (g/mL) mL	Lab File ID: CD092207	
Level: (low/med) LOW	Date Received: 09/20/00	
%Moisture: not dec.	Date Analyzed: 09/22/00	
GC Column: HP-624 ID: .25 (mm)	Dilution Factor: 1	
Soil Extract Volume: (uL)	Soil Aliquot Volume: (uL)	

CONCENTRATION UNITS:  
(ug/L or ug/Kg) ug/l Q

CAS NO.	COMPOUND		
75-09-2-----	Methylene chloride	5 #	500

1A  
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

Lab Name: GALSON LABORATORIES

Contract: Blasland, B

TW-3C

Lab Code: Case No.: 1

SAS No.:

SDG No.: L63616

Matrix: (soil/water) Water

Lab Sample ID: L63818-5

Sample wt/vol: 5 (g/mL) mL

Lab File ID: CD092606

Level: (low/med) LOW

Date Received: 09/22/00

%Moisture: not dec.

Date Analyzed: 09/26/00

GC Column: HP-624 ID: .25 (mm)

Dilution Factor: 1

Soil Extract Volume:

(uL)

Soil Aliquot Volume: (uL)

CAS NO.

COMPOUND

CONCENTRATION UNITS:  
(ug/L or ug/Kg) ug/l

Q

75-09-2-----Methylene chloride

3

x 5

1A  
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

Lab Name: GALSON LABORATORIES

Contract: Blasland, B

TW-3D

Lab Code: Case No.: 1

SAS No.:

SDG No.: L63616

Matrix: (soil/water) Water

Lab Sample ID: L63851-8

Sample wt/vol: 5 (g/mL) mL

Lab File ID: CD092722

Level: (low/med) LOW

Date Received: 09/26/00

%Moisture: not dec.

Date Analyzed: 09/28/00

GC Column: HP-624 ID: .25 (mm)

Dilution Factor: 1

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) ug/l

Q

CAS NO.	COMPOUND		
75-09-2-----	Methylene chloride	5	8 uJ

1A  
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

Lab Name: GALSON LABORATORIES

Contract: Blasland, B | TW-3E |

Lab Code: Case No.: 1

SAS No.: SDG No.: L63616

Matrix: (soil/water) Water

Lab Sample ID: L63851-12

Sample wt/vol: 5 (g/mL) mL

Lab File ID: CD092723

Level: (low/med) LOW

Date Received: 09/26/00

%Moisture: not dec.

Date Analyzed: 09/28/00

GC Column: HP-624 ID: .25 (mm)

Dilution Factor: 1

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:  
(ug/L or ug/Kg) ug/l Q

CAS NO.	COMPOUND		
75-09-2-----	Methylene chloride	5	✓

1A  
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

Lab Name: GALSON LABORATORIES

Contract: Blasland, B

TW-3F

Lab Code: Case No.: 1

SAS No.:

SDG No.: L63616

Matrix: (soil/water) Water

Lab Sample ID: L63686-6

Sample wt/vol: 5 (g/mL) mL

Lab File ID: CD092208

Level: (low/med) LOW

Date Received: 09/20/00

%Moisture: not dec.

Date Analyzed: 09/22/00

GC Column: HP-624 ID: .25 (mm)

Dilution Factor: 1

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) ug/l Q

CAS NO.	COMPOUND		
75-09-2-----	Methylene chloride	5 A	500

## ***Attachment 9***

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### **Laboratory Analytical Results Groundwater Samples 17½ Broad Street – July 1998 and August 1999**

**These results (detections) were summarized in Table 4 of Attachment 3 of the *Final Investigation Report*, a copy of which is attached.**

**Table 4**

**Progress Parkway Enterprises, Inc.**  
**Binghamton, New York**  
**Final Investigation Report**

**Summary of Detected Constituents in July 1998 and August 1999 Groundwater Samples - 17½ Broad Street Facility**

Parameter	Concentration (ppb)				
	MW-1	MW-2	MW-2 (Duplicate)	MW-3	Standard <sup>3</sup>
<b>JULY 1998<sup>1</sup></b>					
<b>Metals</b>					
Arsenic, total	13.0	16.0	--	20.0	25.0
Barium, total	13,400	4,130	--	5,020	1,000
Lead, total	216	36.0	--	62.0	25.0
<b>AUGUST 1999<sup>2</sup></b>					
Barium*	--	69.6 B	69.2 B	--	1,000

**Notes:**

1. Samples collected by DPRA Environmental on July 8, 1998. Samples analyzed by Buck Environmental Laboratories Inc. for VOCs (USEPA SW-846 Method 8240), SVOCs (USEPA SW-846 Method 8270), RCRA Metals (USEPA SW-846 6000/7000 Series Methods), and TPH (NYSDOH Method 310.13).
2. Samples collected by Blasland, Bouck & Lee, Inc. on August 25, 1999. Samples analyzed for barium and lead (USEPA SW-846 6000/7000 Series Methods).
3. Standards presented are New York State Division of Water Technical and Operational Guidance Series (TOGS) 1.1.1. (dated June 1998) Class GA Ambient Water Quality Standards and Guidance Values and Ground-Water Effluent Limitations.
4. B = Indicates a value which is greater than or equal to the instrument detection limit, but less than the contract required quantitation limit.
5. All concentrations are reported in parts per billion (ppb).
6. \* = Sample was decanted prior to laboratory analysis according to procedures described by the NYSDEC in an August 23, 1999 telephone conversation between BBL and the NYSDEC.
7. -- = Constituent was not analyzed.
8. The laboratory analytical results for the August 1999 groundwater samples were validated by BBL using NYSDEC-established procedures.

**BUCK ENVIRONMENTAL**  
LABORATORIES INC.ACCREDITED ENVIRONMENTAL ANALYSTS  
3845 ROUTE 11 SOUTH. P.O. BOX 5150  
CORTLAND, N.Y. 13045 607-753-3403**Laboratory Report**  
**Lab Log No: 9807138**

Client: DPRA ENVIRONMENTAL  
FIRST NATIONAL BANK BUILDING  
332 MINNESOTA ST. SUITE E-1500  
ST. PAUL MN 55101-  
Site: SMC - 17 1/2 BROAD STREET

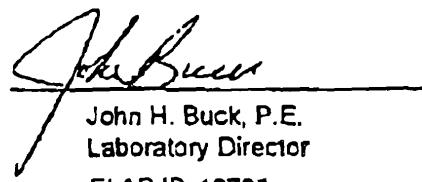
Report Date: 08/05/98  
Sampling Date: 07/08/98  
Sampled By: R. HEIMBACH  
Date Received: 07/09/98

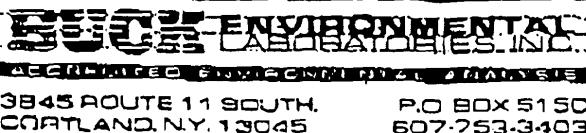
**Sample ID:** MW-1

ANALYTE	METHOD	ANALYZED	BY	UNITS	DL	RESULTS
Arsenic, total	206.2/7060	07/30/98	JLR	mg/L	0.001	0.013
Barium, total	208.2/7081	08/05/98	JLR	mg/L	0.05	13.4
Cadmium, total	213.1/7130	07/30/98	JLR	mg/L	0.005	ND
Chromium, total	218.1/7190	07/30/98	JLR	mg/L	0.05	ND
Lead, total	239.2/7421	08/03/98	JLR	mg/L	0.001	0.218
Mercury, total	245.1/7470	07/22/98	JLR	mg/L	0.0004	ND
Selenium, total	270.2/7740	08/03/98	JLR	mg/L	0.001	ND
Silver, total	272.1/7760	07/30/98	JLR	mg/L	0.005	ND

This laboratory analysis has been performed in accordance with generally accepted laboratory practices and requirements of the New York State Department of Health ELAP Program. Buck Environmental Laboratories, Inc. makes no recommendations, representations or warranties other than as specifically set forth in this report and shall not be responsible or liable for any action or the consequences of any action taken in connection with this report.

(ND => not detected above DL indicated)  
(DL => detection limit)  
(mg/L => ppm in water)  
(ug/g => ppm in solid)

  
John H. Buck, P.E.  
Laboratory Director  
ELAP ID: 10795

**Laboratory Report**

Lab Log No: 9807138

Client: OPRA ENVIRONMENTAL  
 -FIRST NATIONAL BANK BUILDING  
 332 MINNESOTA ST, SUITE E-1500  
 ST. PAUL MN 55101-  
 Site: SMC - 17 1/2 BROAD STREET

Report Date: 07/29/98  
 Sampling Date: 07/08/98  
 Sampled By: R. HEIMBACH  
 Date Received: 07/09/98  
 Analyzed By: PAI  
 Analyzed: 07/27/98

Sample ID: MW-1

**SEMI-VOLATILES BY 8270**

ANALYTE	CAS #	UNITS	DL	RESULTS
Azenaphthene	13-32-9	ug/L	5	ND
Azenaphthene	208-56-4	ug/L	5	ND
Anthracene	120-12-7	ug/L	5	ND
Benz(a)anthracene	56-55-3	ug/L	10	ND
Benz(a)pyrene	50-32-8	ug/L	5	ND
Benz(b)anthracene	201-08-2	ug/L	5	ND
Benz(g,h)anthracene	191-34-2	ug/L	5	ND
Benz(k)fluoranthene	207-08-9	ug/L	5	ND
Benzoic Acid	6545-0	ug/L	50	ND
Benzyl Alcohol	103-51-6	ug/L	20	ND
Benzyl butyl phthalate	85-05-7	ug/L	5	ND
Bis(2-chloroethyl)ether	111-81-1	ug/L	10	ND
Bis(2-chloroethyl)ether	111-44-4	ug/L	10	ND
Bis(2-chloroethyl)ether	108-80-1	ug/L	10	ND
Bis(2-methoxyethyl)phthalate	17-81-7	ug/L	5	ND
4-Bromophenylphenyl ether	101-55-3	ug/L	5	ND
4-Chloro-3-methylphenol	99-3C-7	ug/L	5	ND
p-Chlorguanidine	106-47-8	ug/L	20	ND
2-Chlorantranilic acid	91-58-7	ug/L	5	ND
2-Chlorophenol	25-67-8	ug/L	5	ND
4-Chlorophenyl phenyl ether	7005-72-3	ug/L	5	ND
Chrysene	218-01-8	ug/L	5	ND
Dimethyl phthalate	84-74-2	ug/L	5	ND
Dimethyl phthalate	117-84-3	ug/L	5	ND
Debenzo(a,h)anthracene	53-7C-3	ug/L	5	ND
Dibenzofuran	132-64-9	ug/L	10	ND
1,2-Dichlorobenzene	65-50-1	ug/L	5	ND
1,3-Dichlorobenzene	541-73-1	ug/L	5	ND
1,4-Dichlorobenzene	108-46-7	ug/L	5	ND
1,3-Dichlorobutadiene	91-34-1	ug/L	20	ND
2,4-Dichlorophenol	120-43-2	ug/L	5	ND
Diethyl phthalate	26-88-2	ug/L	5	ND
Dimethyl phthalate	131-11-3	ug/L	5	ND
2-(Dimethylamino)phenol	166-67-0	ug/L	5	ND
4,5-Dinitro-2-methyphenol	534-52-1	ug/L	25	ND
2,4-Dinobphenol	51-28-5	ug/L	50	ND
2,4-Dinitrophenol	121-14-2	ug/L	10	ND
2,4-Dinitrophenol	606-20-2	ug/L	5	ND
Fluoranthene	201-44-0	ug/L	5	ND
Fluorene	85-73-7	ug/L	5	ND
Hexachlorobenzene	116-77-1	ug/L	5	ND
4-Methylbenzylamine	67-68-3	ug/L	5	ND
4-Nitroacryloylphenyl-ether	77-47-4	ug/L	5	ND
4-Nitrobenzene	67-72-1	ug/L	5	ND
Isobutylbenzene	130-39-5	ug/L	5	ND
Isobutylbenzene	78-30-1	ug/L	5	ND
2-Methylbenzylamine	91-57-6	ug/L	10	ND
2-Nethylphenol	95-48-7	ug/L	10	ND
4-Nethylphenol	108-44-6	ug/L	10	ND
Naphthalene	91-20-3	ug/L	5	ND
2-Nitroaniline	88-74-4	ug/L	50	ND
3-Nitroaniline	89-00-2	ug/L	50	ND
4-Nitroaniline	120-01-06	ug/L	50	ND
N-phenylbenzene	98-05-1	ug/L	5	ND
2-Nitrophenol	88-75-5	ug/L	5	ND
4-Nitrophenol	100-02-7	ug/L	5	ND
n-Nitrosodimethylamine	621-54-7	ug/L	5	ND
n-Nitrosodimethylamine	621-75-8	ug/L	5	ND
n-Nitrosodimethylamine	98-30-5	ug/L	5	ND
Pentaacetoxyethanol	67-66-5	ug/L	5	ND
Phenacetin/acetaminophen	65-01-8	ug/L	10	ND
Phenol	108-65-2	ug/L	5	ND
Pyrene	129-00-0	ug/L	5	ND
1,2,4-Trichlorobenzene	120-42-1	ug/L	5	ND
2,4,5-Trichlorophenol	95-95-4	ug/L	10	ND
2,4,6-Trichlorophenol	98-05-2	ug/L	5	ND

This laboratory analysis has been performed in accordance with generally accepted laboratory practices and requirements of the New York State Department of Health ELAP Program. Buck Environmental Laboratories, Inc. makes no recommendations, representations or warranties other than as specifically set forth in this report and shall not be responsible or liable for any action or the consequences of any action taken in connection with this report.

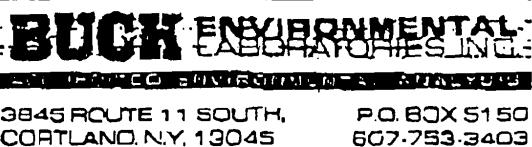
(ND =&gt; Not detected above DL indicated)

(NEG =&gt; not detected)

(DL =&gt; detection limit)

(ug/L =&gt; ppb in water)

John H. Buck, P.E.  
 Laboratory Director, ELAP ID 10795



3845 ROUTE 11 SOUTH, P.O. BOX 5150  
CORTLAND, N.Y. 13045

P.O. BOX 5150  
607-753-3403

Report Date: 07/29/98  
Lab Log Number: 9807138

### LABORATORY REPORT

Client: DPRA Environmental  
First National Bank Building  
332 Minnesota St., Suite E-1500  
St. Paul, MN 55101

Site: SMC - 17 1/2 Broad Street

Sample Date: 07/08/98 by R. Heimbach

Samples: Waters

Method: Flame Ionization Detector, and/or GC/MS  
Adapted from NYSDOH 310-13 methodology

### TOTAL PETROLEUM HYDROCARBON QUANTITATION

MW-1	ND (<10 ug/L)
MW-2	ND (<10 ug/L)
MW-3	ND (<10 ug/L)

ND - None detected greater than detection limit noted.

This analysis is certified as conforming to generally accepted laboratory practices and requirements of the New York State Health Department ELAP program.

John H. Buck, P.E.  
Laboratory Director  
NYS ELAP CERT 19795

**BUCK ENVIRONMENTAL LABS**

ENVIRONMENTAL ANALYSIS

3846 ROUTE 11 SOUTH,  
CORTLAND, N.Y. 13045P.O. BOX 5150  
807-753-3403**Laboratory Report**

Lab Log No: 9807138

**Client:** DPRA ENVIRONMENTAL  
 FIRST NATIONAL BANK BUILDING  
 332 MINNESOTA ST, SUITE E-1500  
 ST. PAUL MN 55101-  
**Site:** SMC - 17 1/2 BROAD STREET

Report Date: 07/21/98  
 Sampling Date: 07/08/98  
 Sampled By: R. HEIMBACH  
 Date Received: 07/09/98  
 Analyzed By: PAI  
 Analyzed: 07/20/98

**Sample ID:** MW-1**VOLATILES BY EPA 8240**

ANALYTE	CAS #	UNITS	DL	RESULTS
Aacetone	67-64-1	ug/L	100	ND
Benzene	71-43-2	ug/L	5	ND
Bromodichloromethane	75-27-4	ug/L	5	ND
Ethylacetate	75-25-2	ug/L	5	ND
Bromoethane	74-83-6	ug/L	10	ND
Carbon disulfide	75-15-0	ug/L	100	ND
Carbochloroformic	56-33-5	ug/L	5	ND
Chlorobenzene	108-80-7	ug/L	5	ND
Chloroethane	75-00-1	ug/L	10	ND
2-Chloroethylvinyl ether	115-75-0	ug/L	5	ND
Chloroform	67-66-3	ug/L	5	ND
Chromatane	74-87-3	ug/L	10	ND
0-bromochloromethane	124-48-1	ug/L	5	ND
1,2-Dichloroethane	95-59-1	ug/L	5	ND
1,3-Dichloropropane	541-73-1	ug/L	5	ND
1,4-Dichlorobenzene	108-46-7	ug/L	5	ND
Dichlorodifluoromethane	75-71-8	ug/L	5	ND
1,1-Dichloroethane	75-34-3	ug/L	5	ND
1,2-Dichloroethene	107-68-2	ug/L	5	ND
1,1-Dichloroethane	75-38-4	ug/L	5	ND
cis-1,2-Dichloroethene	152-55-2	ug/L	5	ND
trans-1,2-Dichloroethene	152-60-5	ug/L	5	ND
1,2-Dichloropropane	78-87-5	ug/L	5	ND
cis-1,3-Dichloropropene	10381-01-5	ug/L	5	ND
trans-1,3-Dichloropropene	10061-02-6	ug/L	5	ND
Ethyldiisopropylamine	100-41-1	ug/L	5	ND
Heptane	59-71-4	ug/L	50	ND
Methyl ethyl ketone	78-03-3	ug/L	100	ND
2-Methyl-2-Pentanone	108-10-1	ug/L	50	ND
Methylene Chloride	75-09-2	ug/L	5	ND
Syrene	100-42-5	ug/L	5	ND
1,1,2,2-Tetraethoxyethane	79-34-5	ug/L	5	ND
Tetrahydroethene	127-11-1	ug/L	5	ND
Toluene	108-93-3	ug/L	5	ND
1,1,1-Trichloroethane	71-55-8	ug/L	5	ND
1,1,2-Trichloroethane	79-00-5	ug/L	5	ND
Trichloroethane	75-C-6	ug/L	5	ND
Trichlorofluoroethane	75-29-4	ug/L	5	ND
Vinyl acetate	109-03-4	ug/L	5	ND
Vinyl chloride	75-01-4	ug/L	10	ND
xylenes(m.p.36)	1230-25-7	ug/L	5	ND

This laboratory analysis has been performed in accordance with generally accepted laboratory practices and requirements of the New York State Department of Health ELAP Program. Buck Environmental Laboratories, Inc. makes no recommendations, representations or warranties other than as specifically set forth in this report and shall not be responsible or liable for any action or the consequences of any action taken in connection with this report.

(ND =&gt; not detected above DL indicated)

(NEG =&gt; not detected)

(DL =&gt; detection limit)

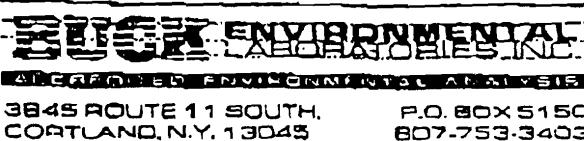
(ug/L =&gt; ppb in water)

(ug/kg =&gt; ppb solid)

6021LFRX

John H. Buck, P.E.

Laboratory Director, ELAP ID 10795



# Laboratory Report

Lab Log No: 9807138

Client: DPRA ENVIRONMENTAL  
FIRST NATIONAL BANK BUILDING  
332 MINNESOTA ST, SUITE E-1500  
ST. PAUL MN 55101-

Site: SMC - 17 1/2 BROAD STREET

Report Date: 07/29/98  
Sampling Date: 07/08/98  
Sampled By: R. HEIMBACH  
Date Received: 07/09/98  
Analyzed By: JK  
Analyzed: 07/28/98

Sample ID: MW-1 PESTICIDES BY EPA 8081

ANALYTE	CAS #	UNITS	DL	RESULTS
Aldrin	309-00-2	ug/L	0.05	ND
beta-BHC	319-85-7	ug/L	0.05	ND
alpha-BHC	319-84-6	ug/L	0.05	ND
delta-BHC	319-85-8	ug/L	0.05	ND
gamma-BHC (Lindane)	68-89-9	ug/L	0.05	ND
Chlordane	57-74-9	ug/L	0.25	ND
4,4'-DDD	72-54-8	ug/L	0.05	ND
4,4'-DDE	72-55-9	ug/L	0.05	ND
4,4'-DDT	50-28-3	ug/L	0.05	ND
Dieldrin	60-57-1	ug/L	0.05	ND
Endosulfan I	959-98-8	ug/L	0.05	ND
Endosulfan II	33213-65-9	ug/L	0.05	ND
Endosulfan Sulphate	1031-07-8	ug/L	0.05	ND
Endrin	72-20-8	ug/L	0.05	ND
Endrin Aldehyde	53494-70-5	ug/L	0.05	ND
Heptachlor	78-44-8	ug/L	0.05	ND
Heptachlor Epoxide	1024-57-3	ug/L	0.05	ND
Methoxychlor	72-43-5	ug/L	0.125	ND
Toxaphene	8001-35-2	ug/L	5	ND

This laboratory analysis has been performed in accordance with generally accepted laboratory practices and requirements of the New York State Department of Health ELAP Program. Buck Environmental Laboratories, Inc. makes no recommendations, representations or warranties other than as specifically set forth in this report and shall not be responsible or liable for any action or the consequences of any action taken in connection with this report.

(ND => not detected above DL indicated)  
(NEG => not detected)

PPCF-00000000000000000000000000000000

John H. Buck, P.E.  
Laboratory Director  
ELAP ID:10795



Laboratory Report  
Lab Log No: 9807138

Client: DPRA ENVIRONMENTAL  
FIRST NATIONAL BANK BUILDING  
332 MINNESOTA ST, SUITE E-1500  
ST. PAUL MN 55101-

Site: SMC - 17 1/2 BROAD STREET

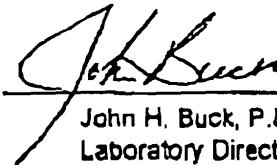
Report Date: 08/05/98  
Sampling Date: 07/06/98  
Sampled By: R. HEIMBACH  
Date Received: 07/09/98

Sample ID: MW-2

ANALYTE	METHOD	ANALYZED	BY	UNITS	DL	RESULTS
Arsenic, total	206.2/7060	07/30/98	JLR	mg/L	0.001	0.018
Barium, total	208.2/7081	08/05/98	JLR	mg/L	0.05	4.13
Cadmium, total	213.1/7130	07/30/98	JLR	mg/L	0.005	ND
Chromium, total	218.1/7190	07/30/98	JLR	mg/L	0.05	ND
Lead, total	230.2/7421	08/03/98	JLR	mg/L	0.001	0.036
Mercury, total	245.1/7470	07/22/98	JLR	mg/L	0.0004	ND
Selenium, total	270.2/7740	08/03/98	JLR	mg/L	0.001	ND
Silver, total	272.1/7760	07/30/98	JLR	mg/L	0.005	ND

This laboratory analysis has been performed in accordance with generally accepted laboratory practices and requirements of the New York State Department of Health ELAP Program. Buck Environmental Laboratories, Inc. makes no recommendations, representations or warranties other than as specifically set forth in this report and shall not be responsible or liable for any action or the consequences of any action taken in connection with this report.

(ND => not detected above DL indicated)  
(DL => detection limit)  
(mg/L => ppm in water)  
(ug/g => ppm in solid)

  
John H. Buck, P.E.  
Laboratory Director  
ELAP ID: 10795

**BUCK ENVIRONMENTAL**

LABORATORIES, INC.

ACREDITED ENVIRONMENTAL ANALYSTS

3845 ROUTE 11 SOUTH,  
CORTLAND, N.Y. 13045P.O. BOX 5150  
607-753-3403

Client: DPRA ENVIRONMENTAL  
 FIRST NATIONAL BANK BUILDING  
 332 MINNESOTA ST. SUITE E-1500  
 ST. PAUL MN 55101-

Site: SMC - 17 1/2 BROAD STREET

**Laboratory Report**

Lab Log No: 9807138

Report Date: 07/29/98  
 Sampling Date: 07/08/98  
 Sampled By: R. HEIMBACH  
 Date Received: 07/09/98  
 Analyzed By: PAI  
 Analyzed: 07/27/98

Sample ID: MW-2

**SEMI-VOLATILES BY 8270**

ANALYTE	CAS #	UNITS	DL	RESULTS
Acenaphthene	83-52-9	ug/L	5	ND
Acenaphthylene	208-96-6	ug/L	5	ND
Ambroxane	720-12-7	ug/L	5	ND
Benzofluoranthene	58-55-3	ug/L	10	ND
Benzocycloheptene	50-12-6	ug/L	5	ND
Benzofluoranthene	205-99-2	ug/L	5	ND
Benzofluoranthene	181-34-2	ug/L	5	ND
Benzofluoranthene	207-08-9	ug/L	5	ND
Benzic Acid	6545-0	ug/L	50	ND
Benzyl Alcohol	103-51-6	ug/L	20	ND
Benzyl Butyl phthalate	85-68-7	ug/L	5	ND
Bis(2-chloroethyl)ether	11-81-1	ug/L	10	ND
Bis(2-chloroethyl)ether	111-14-4	ug/L	10	ND
Bis(2-chloroethyl)ether	102-80-1	ug/L	10	ND
Bis(2-chloroethyl)ether	117-81-7	ug/L	5	ND
4-Bromophenyl phenyl ether	101-65-3	ug/L	5	ND
4-Chloro-3-methylbenzol	59-50-7	ug/L	5	ND
p-Chlorotoluene	106-47-2	ug/L	20	ND
2-Chloronaphthalene	91-65-7	ug/L	5	ND
2-Chlorophenol	95-37-8	ug/L	5	ND
4-Chlorophenyl phenyl ether	7006-72-3	ug/L	5	ND
Crysome	213-01-9	ug/L	5	ND
Dibutyl phthalate	64-74-2	ug/L	5	ND
Dimethyl phthalate	117-84-0	ug/L	5	ND
Dinitro(3,5)-benzocarboxylic acid	53-70-3	ug/L	5	ND
Dinitrobenzene	122-44-9	ug/L	10	ND
1,2-Dichlorobenzene	95-50-1	ug/L	5	ND
1,3-Dichlorobenzene	541-73-1	ug/L	5	ND
1,4-Dichlorobenzene	106-46-7	ug/L	5	ND
1,3-Dichlorobenzene	91-84-1	ug/L	20	ND
2,4-Dichlorophenol	120-83-2	ug/L	5	ND
Dieldrin phthalate	84-68-2	ug/L	5	ND
Dimethyl phthalate	131-11-3	ug/L	5	ND
2,4-Dimethylacetone	105-87-5	ug/L	5	ND
4,6-Dinitro-2-methylphenol	634-62-1	ug/L	25	ND
2,4-Dinitrophenol	51-28-5	ug/L	50	ND
2,4-Dinitrotoluene	121-14-2	ug/L	10	ND
2,6-Dinitrotoluene	608-20-6	ug/L	5	ND
Fluoranthene	208-44-4	ug/L	5	ND
Fluorene	86-73-7	ug/L	5	ND
Methyldibenzobenzene	115-74-1	ug/L	5	ND
Methacrylicbutadiene	67-88-3	ug/L	5	ND
Methacryloyldiphenylidene	77-47-4	ug/L	5	ND
Methacrylthane	67-72-1	ug/L	5	ND
Indeno(1,2,3-c,d)pyrene	193-39-3	ug/L	5	ND
Isophorone	70-50-1	ug/L	5	ND
2-Methylbenzene	91-57-6	ug/L	10	ND
2-Methylphenol	95-48-7	ug/L	10	ND
4-Methylphenol	106-44-5	ug/L	10	ND
Naphthalene	91-30-3	ug/L	5	ND
2-Nitroaniline	68-74-4	ug/L	50	ND
1-Nitroaniline	68-00-2	ug/L	50	ND
4-Nitroaniline	100-01-06	ug/L	50	ND
Nitrobenzene	69-85-3	ug/L	5	ND
2-Nitrophenol	68-76-5	ug/L	5	ND
4-Nitrophenol	100-02-7	ug/L	5	ND
4-Nitroso-2-propyl amine	621-64-7	ug/L	5	ND
n-Nitrosodimethylamine	82-75-9	ug/L	5	ND
n-Nitrosodiphenylamine	89-30-6	ug/L	5	ND
Pentachlorophenol	27-88-5	ug/L	5	ND
Phenanthrene	65-01-8	ug/L	10	ND
Phenol	108-95-2	ug/L	5	ND
Pyrene	126-00-0	ug/L	5	ND
1,2,4-Trichlorobenzene	120-62-1	ug/L	5	ND
2,4,6-Trichlorophenol	95-95-4	ug/L	10	ND
2,4,6-Trichlorophenol	98-06-2	ug/L	5	ND

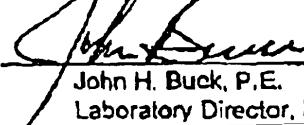
This laboratory analysis has been performed in accordance with generally accepted laboratory practices and requirements of the New York State Department of Health ELAP Program. Buck Environmental Laboratories, Inc. makes no recommendations, representations or warranties other than as specifically set forth in this report and shall not be responsible or liable for any action or the consequences of any action taken in connection with this report.

(ND =&gt; not detected above DL indicated)

(NEG =&gt; not detected)

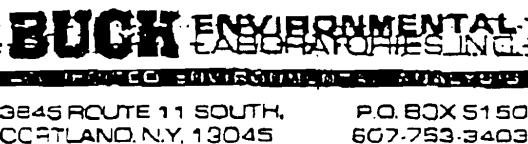
(DL =&gt; detection limit)

(ug/L =&gt; ppb in water)



John H. Buck, P.E.

Laboratory Director, ELAP ID 10795



3845 ROUTE 11 SOUTH, P.O. BOX 5150  
CORTLAND, N.Y. 13045 607-753-3403

Report Date: 07/29/98  
Lab Log Number: 9807138

### LABORATORY REPORT

Client: DPRA Environmental  
First National Bank Building  
332 Minnesota St., Suite E-1500  
St. Paul, MN 55101

Site: SMC - 17 1/2 Broad Street

Sample Date: 07/08/98 by R. Heimbach

Samples: Waters

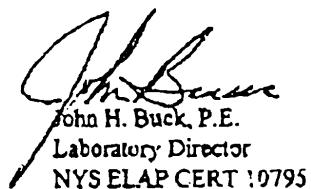
Method: Flame Ionization Detector, and/or GC/MS  
Adapted from NYSDOH 310-13 methodology

### TOTAL FUEL OIL HYDROCARBON QUANTITATION

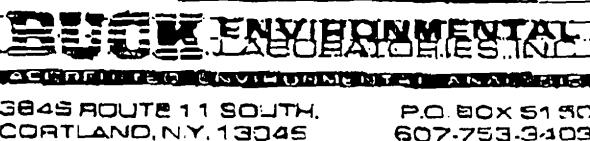
MW-1	ND (<10 ug/L)
MW-2	ND (<10 ug/L)
MW-3	ND (<10 ug/L)

ND - None detected greater than detection limit noted.

This analysis is certified as conforming to generally accepted laboratory practices and requirements of the New York State Health Department ELAP program.



John H. Buck, P.E.  
Laboratory Director  
NYS ELAP CERT #0795



# Laboratory Report

Lab Log No: 9807138

Client: CRA ENVIRONMENTAL  
FIRST NATIONAL BANK BUILDING  
332 MINNESOTA ST, SUITE E-1500  
ST. PAUL MN 55101-  
Site: SMC - 17 1/2 BROAD STREET

Report Date: 07/21/98  
Sampling Date: 07/08/98  
Sampled By: R. HEIMBACH  
Date Received: 07/09/98  
Analyzed By: PAI  
Analyzed: 07/20/98

Sample ID: MW-2

## VOLATILES BY EPA 8240

ANALYTE	CAS #	UNITS	DL	RESULTS
Acetone	67-44-1	ug/L	100	ND
Sentane	71-43-2	ug/L	5	ND
Bromodichloromethane	75-27-4	ug/L	5	ND
Bromoform	75-25-2	ug/L	5	ND
Bromomethane	74-87-3	ug/L	10	ND
Carbon disulfide	75-15-0	ug/L	100	ND
Carbontetrachloride	56-21-5	ug/L	5	ND
Chlorobenzene	108-30-7	ug/L	5	ND
Chloroethane	75-00-3	ug/L	5	ND
2-Chloroethylvinyl ether	110-75-8	ug/L	5	ND
Chloroform	67-81-2	ug/L	5	ND
Chromatene	74-87-3	ug/L	10	ND
Dibromochloromethane	124-48-1	ug/L	5	ND
1,2-Dichlorobenzene	56-60-1	ug/L	5	ND
1,3-Dichlorobenzene	541-72-1	ug/L	5	ND
1,4-Dichlorobenzene	108-46-7	ug/L	5	ND
Dichlorodifluoromethane	75-71-8	ug/L	5	ND
1,1-Dichloroethene	75-14-3	ug/L	5	ND
1,2-Dichloroethene	107-08-2	ug/L	5	ND
1,1-Dichloroethane	75-35-2	ug/L	5	ND
cis-1,2-Dichloroethene	156-59-2	ug/L	5	ND
trans-1,2-Dichloroethene	156-60-5	ug/L	5	ND
1,2-Dichloropropane	78-87-5	ug/L	5	ND
cis-1,3-Dichloropropene	13081-01-9	ug/L	5	ND
trans-1,3-Dichloropropene	13081-02-6	ug/L	5	ND
Ethyl acetate	100-51-1	ug/L	5	ND
Hexane	591-78-8	ug/L	50	ND
Methyl ethyl ketone	78-03-3	ug/L	50	ND
4-Methyl-2-Pentanone	102-10-1	ug/L	50	ND
Methylene Chloride	75-05-2	ug/L	5	ND
Styrene	100-42-8	ug/L	5	ND
1,1,2-Trichloroethene	79-34-8	ug/L	5	ND
Tetrachloroethene	127-18-4	ug/L	5	ND
Toluene	108-88-3	ug/L	5	ND
1,1,1-Trichloroethane	71-55-4	ug/L	5	ND
1,1,2-Trichloroethane	79-00-3	ug/L	5	ND
Trichloroethene	79-01-6	ug/L	5	ND
Trichloroacetonitrile	7549-4	ug/L	5	ND
Vinyl acetate	108-05-4	ug/L	5	ND
Vinyl chloride	75-01-4	ug/L	5	ND
Selenium 0.82	1330-20-7	ug/L	5	ND

This laboratory analysis has been performed in accordance with generally accepted laboratory practices and requirements of the New York State Department of Health ELAP Program. Buck Environmental Laboratories, Inc. makes no recommendations, representations or warranties other than as specifically set forth in this report and shall not be responsible or liable for any action or the consequences of any action taken in connection with this report.

(ND =&gt; not detected above DL indicated)

(NEG =&gt; not detected)

(DL =&gt; detection limit)

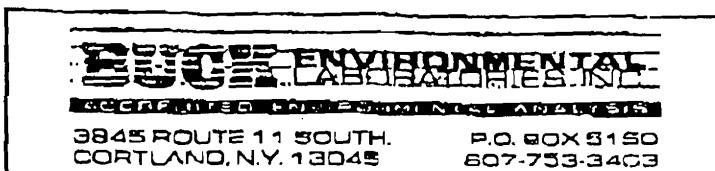
(ug/L =&gt; ppb in water)

(ug/kg =&gt; ppb solid)

0021.LFRY

John H. Buck, P.E.

Laboratory Director, ELAP ID 10795



## Laboratory Report

Lab Log No: 9807138

Client: DPRA ENVIRONMENTAL  
FIRST NATIONAL BANK BUILDING  
332 MINNESOTA ST, SUITE E-1500  
ST. PAUL MN 55101-  
Site: SMC - 17 1/2 BROAD STREET

Report Date: 07/29/98  
Sampling Date: 07/08/98  
Sampled By: R. HEIMBACH  
Date Received: 07/09/98  
Analyzed By: JK  
Analyzed: 07/28/98

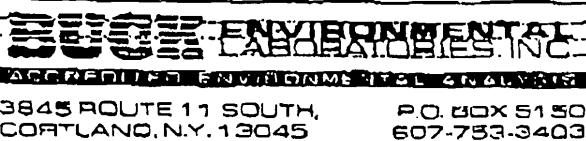
Sample ID:	MW-2	PESTICIDES BY EPA 8081		
ANALYTE	CAS #	UNITS	DL	RESULTS
Aldrin	309-00-2	ug/L	0.06	ND
beta-BHC	319-85-7	ug/L	0.05	ND
alpha-BHC	319-84-8	ug/L	0.05	ND
delta-BHC	319-85-8	ug/L	0.05	ND
gamma-BHC (Lindane)	58-89-9	ug/L	0.05	ND
Chlordane	57-74-9	ug/L	0.25	ND
4,4'-DDD	72-54-8	ug/L	0.05	ND
4,4'-DDE	72-55-9	ug/L	0.05	ND
4,4'-DDT	50-29-3	ug/L	0.05	ND
Dieldrin	60-57-1	ug/L	0.05	ND
Endosulfan I	969-98-8	ug/L	0.05	ND
Endosulfan II	33213-65-9	ug/L	0.06	ND
Endosulfan Sulphate	1031-07-8	ug/L	0.05	ND
Endrin	72-20-8	ug/L	0.05	ND
Endrin Aldehyde	53494-70-5	ug/L	0.05	ND
Heptachlor	76-44-8	ug/L	0.05	ND
Heptachlor Epoxide	1024-57-3	ug/L	0.05	ND
Methoxychlor	72-43-5	ug/L	0.125	ND
Taxaphene	8001-35-2	ug/L	5	ND

This laboratory analysis has been performed in accordance with generally accepted laboratory practices and requirements of the New York State Department of Health ELAP Program. Buck Environmental Laboratories, Inc. makes no recommendations, representations or warranties other than as specifically set forth in this report and shall not be responsible or liable for any action or the consequences of any action taken in connection with this report.

(ND => not detected above DL indicated)  
(NEG => not detected)

09/23/98 FAX

John H. Buck, P.E.  
Laboratory Director  
ELAP ID:10795



# Laboratory Report

Lab Log No: 9807138

Client: DPRA ENVIRONMENTAL  
FIRST NATIONAL BANK BUILDING  
332 MINNESOTA ST, SUITE E-1500  
ST. PAUL MN 55101-

Site: SMC - 17 1/2 BROAD STREET

Report Date: 07/21/98  
Sampling Date: 07/08/98  
Sampled By: R. HEIMBACH  
Date Received: 07/09/98  
Analyzed By: PAI  
Analyzed: 07/20/98

Sample ID: DUPLICATE VOLATILES BY EPA 8240

ANALYTE	CAS #	UNITS	DL	RESULTS
Acetene	57-54-1	ug/L	100	ND
Benzene	71-43-2	ug/L	5	ND
Bromodichloromethane	75-27-4	ug/L	5	ND
Bromoform	75-25-2	ug/L	5	ND
Bromotrifluoromethane	74-83-3	ug/L	10	ND
Carbon disulfide	75-15-0	ug/L	100	ND
Carbothioic acid	56-23-3	ug/L	5	ND
Chlorobenzene	108-90-7	ug/L	5	ND
Chloroethane	75-00-3	ug/L	10	ND
2-Chloroethyl methyl ether	110-76-8	ug/L	5	ND
Chloroform	67-66-3	ug/L	5	ND
Chlorodimethane	74-97-3	ug/L	10	ND
Dibromoethane	124-41-1	ug/L	5	ND
1,2-Dichlorobenzene	85-60-1	ug/L	5	ND
1,3-Dichlorobenzene	541-73-1	ug/L	5	ND
1,4-Dichlorobenzene	108-54-7	ug/L	5	ND
Dichlorodifluoromethane	75-71-8	ug/L	5	ND
1,1-Dichloroethane	75-34-3	ug/L	5	ND
1,2-Dichloroethene	107-98-2	ug/L	5	ND
1,1-Dichloropropane	75-35-4	ug/L	5	ND
cis-1,2-Dichloroethene	158-59-2	ug/L	5	ND
trans-1,2-Dichloroethene	156-60-5	ug/L	5	ND
1,2-Dichloropropene	75-67-9	ug/L	5	ND
cis-1,3-Dichloropropene	10061-01-5	ug/L	5	ND
trans-1,3-Dichloropropene	10061-02-6	ug/L	5	ND
Ethyldibromine	100-41-1	ug/L	5	ND
Ketene	591-78-2	ug/L	50	ND
Methyl vinyl ketone	76-93-3	ug/L	100	ND
4-Methyl-2-Pentanone	106-10-1	ug/L	5	ND
Methylene Chloride	75-03-2	ug/L	5	ND
Syrene	120-42-5	ug/L	5	ND
1,1,2,2-Tetrachloroethane	76-94-5	ug/L	5	ND
Tetrachloroethylene	127-13-4	ug/L	5	ND
Toluene	108-89-3	ug/L	5	ND
1,1,1-Trichloroethane	71-55-6	ug/L	5	ND
1,1,2-Trichloroethane	75-90-5	ug/L	5	ND
Trichloroethylene	75-01-8	ug/L	5	ND
Trichlorofluoromethane	75-89-4	ug/L	5	ND
Vinyl acetate	102-65-4	ug/L	50	ND
Vinyl chloride	75-01-4	ug/L	10	ND
Vinylidene chloride	1320-20-7	ug/L	5	ND

This laboratory analysis has been performed in accordance with generally accepted laboratory practices and requirements of the New York State Department of Health ELAP Program. Buck Environmental Laboratories, Inc. makes no recommendations, representations or warranties other than as specifically set forth in this report and shall not be responsible or liable for any action or the consequences of any action taken in connection with this report.

(ND => not detected above DL indicated)

(NEG => not detected)

(DL => detection limit)

(ug/L => ppb in water)

(ug/kg => ppb solid)

John H. Buck, P.E.

Laboratory Director, ELAP ID 10795

**BUCK ENVIRONMENTAL  
LABORATORIES, INC.**3845 ROUTE 11 SOUTH,  
CORTLAND, N.Y. 13015P.O. BOX 5130  
807-753-2403**Laboratory Report  
Lab Log No: 9807138**

Client: DPRA ENVIRONMENTAL  
FIRST NATIONAL BANK BUILDING  
332 MINNESOTA ST, SUITE E-1500  
ST. PAUL MN 55101-

Report Date: 08/05/98  
Sampling Date: 07/08/98  
Sampled By: R. HEIMBACH  
Date Received: 07/09/98

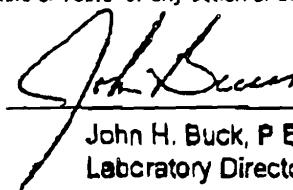
Site: SMC - 17 1/2 BROAD STREET

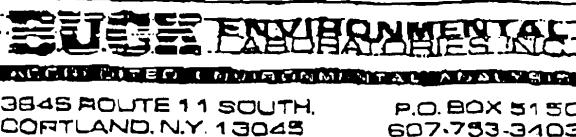
Sample ID: MW-3

ANALYTE	METHOD	ANALYZED	BY	UNITS	DL	RESULTS
Arsenic, total	206.2/7060	07/30/98	JLR	mg/L	0.001	0.02
Barium, total	208.2/7081	08/05/98	JLR	mg/L	0.05	5.02
Cadmium, total	213.1/7130	07/30/98	JLR	mg/L	0.005	ND
Chromium, total	218.1/7190	07/30/98	JLR	mg/L	0.05	ND
Lead, total	239.2/7421	08/03/98	JLR	mg/L	0.001	0.062
Mercury, total	245.1/7470	07/22/98	JLR	mg/L	0.0004	ND
Selenium, total	270.2/7740	08/03/98	JLR	mg/L	0.001	ND
Silver, total	272.1/7760	07/30/98	JLR	mg/L	0.005	ND

This laboratory analysis has been performed in accordance with generally accepted laboratory practices and requirements of the New York State Department of Health ELAP Program. Buck Environmental Laboratories, Inc. makes no recommendations, representations or warranties other than as specifically set forth in this report and shall not be responsible or liable for any action or the consequences of any action taken in connection with this report.

(ND => not detected above DL indicated)  
(DL => detection limit)  
(mg/L => ppm in water)  
(ug/g => ppm in solid)

  
John H. Buck, P.E.  
Laboratory Director  
ELAP ID: 10795



# Laboratory Report

Lab Log No: 9807138

Client: DPRA ENVIRONMENTAL  
-FIRST NATIONAL BANK BUILDING  
332 MINNESOTA ST, SUITE E-1500  
ST. PAUL MN 55101-

Site: SMC - 17 1/2 BROAD STREET

Report Date: 07/29/98  
Sampling Date: 07/08/98  
Sampled By: R. HEIMBACH  
Date Received: 07/09/98  
Analyzed By: PAI  
Analyzed: 07/27/98

Sample ID: MW-3

## SEMI-VOLATILES BY 8270

ANALYTE	CAS #	UNITS	DL	RESULTS
Acetophenone	65-32-9	ug/L	5	ND
Acrylonitrile	206-96-8	ug/L	6	ND
Anthracene	120-12-7	ug/L	6	ND
Benz(a)anthracene	56-55-3	ug/L	10	ND
Benz(1,3)pyrene	50-32-8	ug/L	5	ND
Benz(1,2,4)anthracene	205-99-2	ug/L	6	ND
Benz(1,2,5)anthracene	191-14-1	ug/L	5	ND
Benz(1,2,6)anthracene	207-06-8	ug/L	6	ND
Benzal Acid	65-85-0	ug/L	50	ND
Benzyl Acetate	100-51-6	ug/L	20	ND
Benzyl Butyl Phthalate	85-66-7	ug/L	6	ND
Bis(2-chloroethyl)ether	111-81-1	ug/L	10	ND
Bis(2-chloroethyl)ether	111-81-1	ug/L	10	ND
Bis(2-chloroethyl)ether	108-60-1	ug/L	10	ND
Bis(1-chloroethyl)ether	117-81-7	ug/L	5	ND
4-Bromophenylchloroether	101-65-3	ug/L	5	ND
4-Chloro-3-methylphenol	50-80-7	ug/L	5	ND
p-Chloroaniline	106-47-8	ug/L	20	ND
2-Chloronaphthalene	91-66-7	ug/L	5	ND
2-Chlorophenol	95-57-8	ug/L	5	ND
4-Chloromethyl phenyl ether	7008-72-3	ug/L	20	ND
Chrysene	218-01-9	ug/L	5	ND
O- <i>n</i> -butyl phthalate	84-74-2	ug/L	5	ND
O- <i>n</i> -octyl phthalate	117-84-0	ug/L	5	ND
Dibenz(a,h)anthracene	53-70-3	ug/L	5	ND
Diphenyluran	122-04-9	ug/L	5	ND
1,2-Dichlorobenzene	95-50-1	ug/L	5	ND
1,3-Dichlorobenzene	541-73-1	ug/L	5	ND
1,4-Dichlorobenzene	106-45-7	ug/L	5	ND
1,2-Dichlorobenzidine	91-94-1	ug/L	20	ND
2,4-Dichlorophenol	120-03-2	ug/L	5	ND
Diethyl phthalate	64-66-2	ug/L	5	ND
Diethyl phthalate	131-11-3	ug/L	5	ND
2-Ethylphenol	108-67-9	ug/L	5	ND
1,5-Dinitro-2-methylbenzene	534-62-1	ug/L	25	ND
2-Ethoxyethanol	51-28-5	ug/L	50	ND
2-Ethoxyethane	121-14-2	ug/L	10	ND
2,5-Dimethylcyclohexene	638-20-2	ug/L	5	ND
Fluorene	206-14-3	ug/L	5	ND
Furane	86-73-7	ug/L	5	ND
Hexachlorobenzene	118-71-1	ug/L	5	ND
Hexachlorobutadiene	67-66-3	ug/L	6	ND
Heptachloroepoxydihydrofuran	77-47-4	ug/L	5	ND
Heptachlorofuran	674-21-1	ug/L	5	ND
3-Jano(1,2,3-c)Diyne	193-39-5	ug/L	5	ND
Isochorene	78-69-1	ug/L	5	ND
2-Methylbenzene	91-57-6	ug/L	10	ND
2-Methylphenol	85-48-7	ug/L	10	ND
4-Methylphenol	108-44-5	ug/L	10	ND
Naphthalene	91-20-3	ug/L	5	ND
2-Nitroaniline	85-74-4	ug/L	50	ND
3-Nitroaniline	98-09-2	ug/L	50	ND
4-Nitroaniline	100-01-0	ug/L	50	ND
Nitrobenzene	95-93-3	ug/L	5	ND
2-Nitrophenol	88-75-5	ug/L	5	ND
1-Nitrophenol	100-02-7	ug/L	6	ND
<i>n</i> -Nitrosodimethylamine	621-64-7	ug/L	5	ND
<i>n</i> -Nitrosodimethylamine	62-75-8	ug/L	6	ND
<i>n</i> -Nitrosodiphenylamine	66-30-6	ug/L	6	ND
Penachlorophenol	67-86-5	ug/L	5	ND
Phenanthrene	85-41-8	ug/L	10	ND
Phenol	108-95-2	ug/L	5	ND
Pyrone	128-00-0	ug/L	5	ND
1,2,4-Triphenylbenzene	126-82-1	ug/L	5	ND
2,4,6-Triphenylphenol	85-85-4	ug/L	10	ND
2,4,6-Triphenylphenol	53-06-2	ug/L	5	ND

This laboratory analysis has been performed in accordance with generally accepted laboratory practices and requirements of the New York State Department of Health ELAP Program. Buck Environmental Laboratories, Inc. makes no recommendations, representations or warranties other than as specifically set forth in this report and shall not be responsible or liable for any action or the consequences of any action taken in connection with this report.

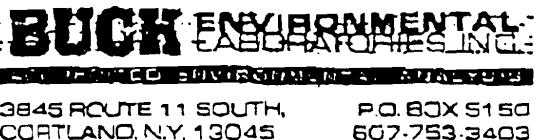
(ND =&gt; not detected above DL indicated)

(NEG =&gt; not detected)

(DL =&gt; detection limit)

(ug/L =&gt; ppb in water)

John H. Buck, P.E.  
Laboratory Director, ELAP ID 10795



3845 ROUTE 11 SOUTH, P.O. BOX 5150  
CORTLAND, N.Y. 13045 607-753-3403

Report Date: 07/29/98  
Lab Log Number: 9807138

### LABORATORY REPORT

Client: DPRA Environmental  
First National Bank Building  
332 Minnesota St., Suite E-1500  
St. Paul, MN 55101

Site: SMC - 17 1/2 Broad Street

Sample Date: 07/08/98 by R. Heinbach

Samples: Waters

Method: Flame Ionization Detector, and/or GC/MS  
(Adapted from NYSDOH 310-13 methodology)

### TOTAL PETROLEUM HYDROCARBON QUANTITATION

MW-1	ND (<10 ug/L)
MW-2	ND (<10 ug/L)
MW-3	ND (<10 ug/L)

ND - None detected greater than detection limit noted.

This analysis is certified as conforming to generally accepted laboratory practices and requirements of the New York State Health Department ELAP program.

A handwritten signature in black ink, appearing to read "John H. Buck, P.E." Below the signature, the text "Laboratory Director" and "NYS ELAP CERT 10795" is printed.



# Laboratory Report

Lab Log No: 9807138

Client: DPRA ENVIRONMENTAL  
FIRST NATIONAL BANK BUILDING  
332 MINNESOTA ST, SUITE E-1500  
ST. PAUL MN 55101-  
Site: SMC - 17 1/2 BROAD STREET

Report Date: 07/21/98  
Sampling Date: 07/08/98  
Sampled By: R. HEIMBACH  
Date Received: 07/09/98  
Analyzed By: PAI  
Analyzed: 07/20/98

Sample ID: MW-3

## VOLATILES BY EPA 8240

ANALYTE	CAS #	UNITS	DL	RESULTS
Acetone	67-64-1	ug/L	100	ND
Bromo	71-43-2	ug/L	ND	ND
Bromodichloromethane	75-27-4	ug/L	5	ND
Bromoform	75-25-2	ug/L	5	ND
Bromomethane	74-85-9	ug/L	10	ND
Carbon disulfide	75-15-0	ug/L	100	ND
Carbon tetrachloride	56-23-6	ug/L	5	ND
Chlorobenzene	106-40-7	ug/L	5	ND
Chloroethane	75-00-3	ug/L	10	ND
2-Chlorathyi vinyl ether	110-16-3	ug/L	5	ND
Chloroform	67-68-3	ug/L	5	ND
Chloroethane	74-87-3	ug/L	10	ND
2-Chloroethane	124-48-7	ug/L	5	ND
1,2-Dichlorobenzene	95-50-1	ug/L	5	ND
1,3-Dichlorobenzene	541-73-1	ug/L	5	ND
1,4-Dichlorobenzene	109-48-7	ug/L	5	ND
Dichlorodifluoromethane	76-71-8	ug/L	5	ND
1,1-Dichloroethane	75-34-7	ug/L	5	ND
1,2-Dichloroethane	107-08-2	ug/L	5	ND
1,1-Dichloroethene	75-35-4	ug/L	5	ND
α,β-Dichloroethene	156-59-2	ug/L	5	ND
trans-1,2-Dichloroethene	158-80-3	ug/L	5	ND
1,2-Dichloropropene	76-87-1	ug/L	ND	ND
cis-1,3-Dichloropropene	10061-01-4	ug/L	5	ND
trans-1,3-Dichloropropene	10061-02-6	ug/L	5	ND
Ethybenzene	100-41-1	ug/L	5	ND
Hexane	691-78-8	ug/L	50	ND
Methyl ethyl ketone	78-63-3	ug/L	100	ND
4-Methyl-2-Pentanone	109-01-1	ug/L	50	ND
Methylene Chloride	75-09-2	ug/L	5	ND
Syrene	100-42-5	ug/L	5	ND
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	5	ND
Tetrahydrofuran	127-18-4	ug/L	5	ND
Toluene	101-48-3	ug/L	5	ND
1,1,1-Trichloroethene	71-55-8	ug/L	5	ND
1,1,2-Tetrachloroethane	73-00-3	ug/L	5	ND
Trichloroethene	73-91-6	ug/L	5	ND
Trichlorofluoromethane	75-69-4	ug/L	5	ND
Vinyl acetate	108-09-1	ug/L	5	ND
Vinyl chloride	75-01-4	ug/L	10	ND
vinylene(m, o,p)	1330-20-7	ug/L	5	ND

This laboratory analysis has been performed in accordance with generally accepted laboratory practices and requirements of the New York State Department of Health ELAP Program. Buck Environmental Laboratories, Inc. makes no recommendations, representations or warranties other than as specifically set forth in this report and shall not be responsible or liable for any action or the consequences of any action taken in connection with this report.

(ND =&gt; not detected above DL indicated)

(NEG =&gt; not detected)

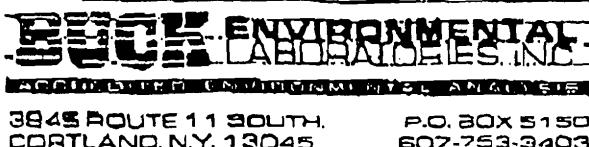
(DL =&gt; detection limit)

(ug/L =&gt; ppb in water)

(ug/kg =&gt; ppb solid)

00716.FAX

John H. Buck, P.E.  
Laboratory Director, ELAP ID 10795

**Laboratory Report**

Lab Log No: 9807138

Client: OPRA ENVIRONMENTAL  
 FIRST NATIONAL BANK BUILDING  
 332 MINNESOTA ST. SUITE E-1500  
 ST. PAUL MN 55101-  
 Site: SMC - 17 1/2 BROAD STREET

Report Date: 07/29/98  
 Sampling Date: 07/08/98  
 Sampled By: R. HEIMBACH  
 Date Received: 07/09/98  
 Analyzed By: JK  
 Analyzed: 07/28/98

Sample ID:	MW-3	PESTICIDES BY EPA 8081		
ANALYTE	CAS #	UNITS	DL	RESULTS
Aldrin	308-00-2	ug/L	0.05	ND
beta-BHC	319-85-7	ug/L	0.05	ND
alpha-BHC	319-84-6	ug/L	0.05	ND
delta-BHC	319-85-8	ug/L	0.05	ND
gamma-BHC (Lindane)	58-89-9	ug/L	0.05	ND
Chlordane	57-74-9	ug/L	0.25	ND
4,4'-DDD	72-54-8	ug/L	0.05	ND
4,4'-DDE	72-55-9	ug/L	0.05	ND
4,4'-DDT	50-28-3	ug/L	0.05	ND
Dieldrin	60-57-1	ug/L	0.05	ND
Endosulfan I	989-98-8	ug/L	0.05	ND
Endosulfan II	33213-05-9	ug/L	0.05	ND
Endosulfan Sulphate	1031-07-8	ug/L	0.05	ND
Endrin	72-20-8	ug/L	0.05	ND
Endrin Aldehyde	53494-70-5	ug/L	0.05	ND
Heptachlor	76-44-8	ug/L	0.05	ND
Heptachlor Epoxide	1024-57-3	ug/L	0.03	ND
Methoxychlor	72-43-5	ug/L	0.125	ND
Toxaphene	8001-35-2	ug/L	5	ND

This laboratory analysis has been performed in accordance with generally accepted laboratory practices and requirements of the New York State Department of Health ELAP Program. Buck Environmental Laboratories, Inc. makes no recommendations, representations or warranties other than as specifically set forth in this report and shall not be responsible or liable for any action or the consequences of any action taken in connection with this report.

(ND => not detected above DL indicated)  
 (NEG => not detected)

RGL:SPW/MK

John H. Buck, P.E.  
 Laboratory Director  
 ELAP ID:10783

## NYSDEC ASP

1  
INORGANIC ANALYSES DATA SHEET

NYSDEC SAMPLE NO.

MW-2

Lab Name: Galson Laboratories

Contract: BBL

Lab Code: 11626

Case No.:

SAS No.:

SDG No.: L53777

Matrix (soil/water): Water

Lab Sample ID: L53783-2

Level (low/med): LOW

Date Received: 08/26/99

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): ug/l

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum		-	-	NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic				NR
7440-39-3	Barium				P
7440-41-7	Beryllium	69.6	B		NR
7440-43-9	Cadmium				NR
7440-70-2	Calcium				NR
7440-47-3	Chromium				NR
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron				NR
7439-92-1	Lead	2.0	U		P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury				NR
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium				NR
7440-22-4	Silver				NR
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
57-12-5	Cyanide				NR

Color Before: colorless

Clarity Before: clear

Texture:

Color After: colorless

Clarity After: clear

Artifacts:

Comments:

## NYSDEC ASP

1  
INORGANIC ANALYSES DATA SHEET

NYSDEC SAMPLE NO.

MW-2DUP

Lab Name: Galson Laboratories

Contract: BBL

Lab Code: 11626

Case No.:

SAS No.:

SDG No.: L53777

Matrix (soil/water): Water

Lab Sample ID: L53783-3

Level (low/med): LOW

Date Received: 08/26/99

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): ug/l

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic				NR
7440-39-3	Barium				P
7440-41-7	Beryllium	69.2	B		NR
7440-43-9	Cadmium				NR
7440-70-2	Calcium				NR
7440-47-3	Chromium				NR
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron				NR
7439-92-1	Lead	2.0	U		P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury				NR
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium				NR
7440-22-4	Silver				NR
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
57-12-5	Cyanide				NR

Color Before: colorless

Clarity Before: clear

Texture:

Color After: colorless

Clarity After: clear

Artifacts:

Comments: