60-13 7-17-98

NORTH MECKLENBURG LANDFILL INC.

- No field measurements
- Data ok

AUG 1998
Received
Solid Waste
Section

15300 Holbrooks Road

Huntersville, N.C. 28078

704/875-3367

Fax 704/875-3358

A Griffin Brothers Company

Mr. Jim Coffey
North Carolina Department of Environment
Health and Natural Resources
Division of Solid Waste Management
401 Oberlin Road
Suite 150
Raleigh, North Carolina 27605

August 12, 1998

Subject: Groundwater Monitor Well Sampling Results
North Mecklenburg Landfill
Huntersville, N. C. 28078

Dear Mr. Coffey:

As required, North Mecklenburg Landfill has completed our semi-annual groundwater monitoring event. The results are discussed in the attached report (Enviro-Pro, report dated August 3, 1998.

If you have any questions, please do not hesitate to contact me at 704/875-3367.

Sincerely,

Ronald C. Gilkerson

Ronald C. Gilkerson
Hydrogeologist

cc: Mr. Dennis F. Tyndall
Mecklenburg County Environmental Protection
700 North Tryon Street
Suite 205
Charlotte, North Carolina 28202-2236

ENVIRO-PRO
PROFESSIONAL CORPORATION

August 3, 1998

Mr. Larry Griffin
North Mecklenburg Landfill
15300 Holbrooks Road
Huntersville, NC 28078

RE: Semi-annual Monitor Well Sampling Results
North Mecklenburg Landfill
Huntersville, NC
Project No. EP-1217

Dear Mr. Griffin:

Enviro-Pro, P.C. is pleased to submit this report which describes the field sampling activities and summarizes the semi-annual monitor well analytical results for the subject site.

Field Sampling Activities

On July 17, 1998, Enviro-Pro personnel collected groundwater samples from on-site perimeter monitor wells MW-1, MW-4, MW-5, MW-6, MW-10 and MW-11. The approximate locations of these wells are indicated on Figure 1.

The procedures for groundwater measurement and sampling were as follows:

1) Initially, the caps on the monitor wells were removed to allow the groundwater levels to equilibrate to the ambient atmospheric pressure. Next, the depth to groundwater from a measuring point on top of the well casing was recorded. Water level measurements were obtained using an electronic water level meter. The water level probe was decontaminated between monitor wells with deionized water and isopropyl alcohol.

2) At least three well volumes were removed from each monitor well to purge stagnant water and to ensure that fresh formation water would be sampled. The wells were purged using dedicated disposable Teflon bailers.

3) Each well was then sampled utilizing laboratory prepared containers, labeled, and packed on ice in a portable cooler for shipment to Prism Laboratories, Inc., a North Carolina-certified laboratory located in Charlotte, North Carolina. Chain-of-custody documentation is included with the analytical reports in Appendix A.

4) Quality assurance/quality control (QA/QC) measures in the field included wearing disposable sample gloves during sampling activities and changing them between sample locations to protect the groundwater samples from cross-contamination. Analytical QA/QC included a field blank and a trip blank analyzed for volatile organic compounds (EPA Method 8260). The field blank was also tested for the 8 RCRA metals.

The field information obtained is summarized on the Well Development, Purge, and Sample Record included as Appendix B. Groundwater levels declined in all the wells, from 0.44 foot in well MW-6 to 4.32 foot in well MW-11 since the previous sampling event on March 20, 1998.

Laboratory Test Results

In accordance with regulatory requirements, the six monitor well samples were analyzed for the eight RCRA metals and volatile organic compounds (VOCs) via EPA Method 8260 by Prism Laboratories. Laboratory data sheets are attached as Appendix A, with a summary of groundwater analytical results presented in Table 1.

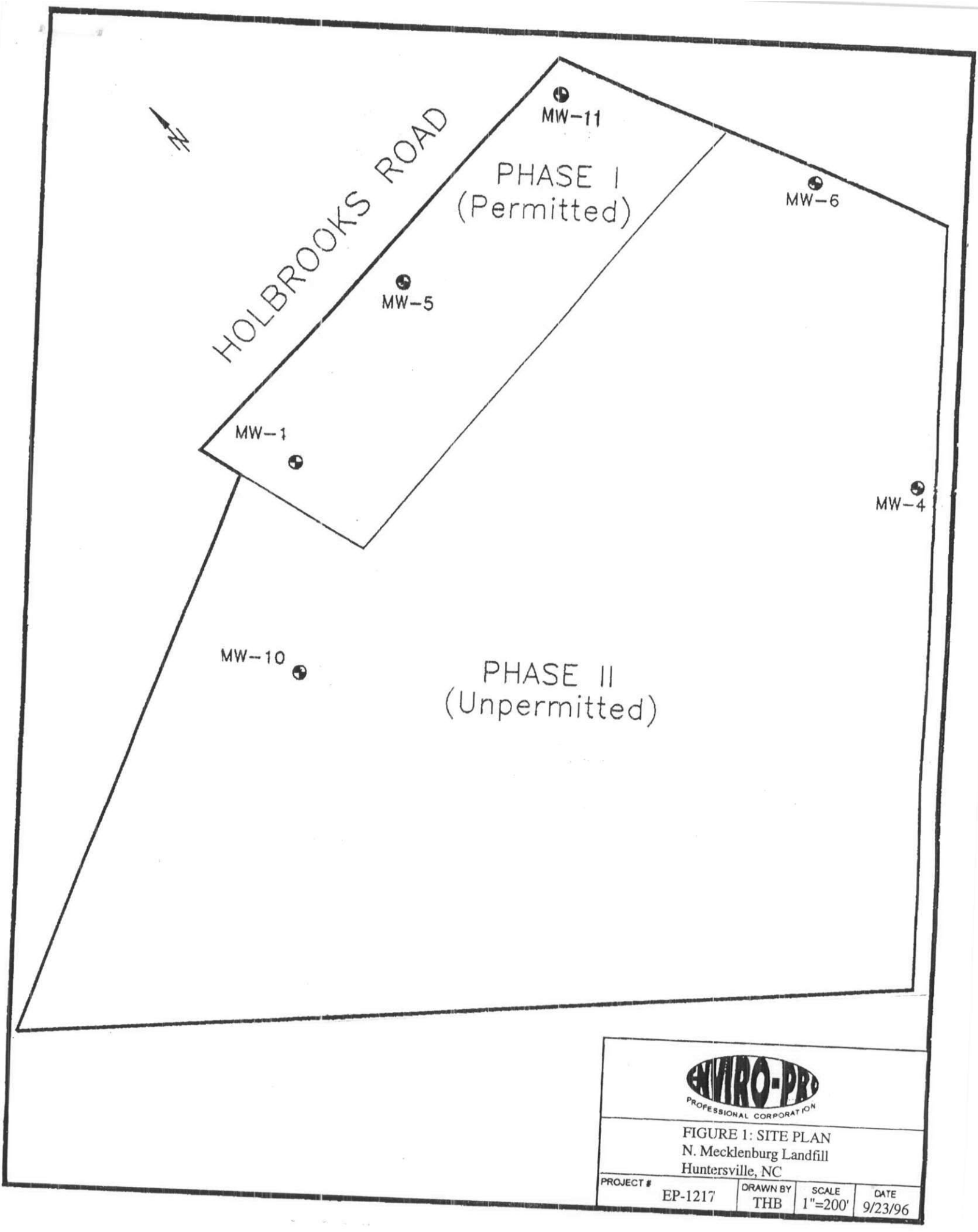
Laboratory test results indicated that cadmium was identified slightly above its regulatory limit of 0.005 parts per million (ppm) in monitor well MW-5 (0.014 ppm). This was likely due to some turbidity in this sample. No VOC compounds were present above their respective detection limits in any of the well or QA/QC samples tested.

Enviro-Pro appreciates the opportunity to provide our environmental services on your project. Please contact me at (704) 583-0075 if you have any questions concerning this report or when we can be of further service.

Sincerely,
ENVIRO-PRO, P.C.

Thomas H. Bolyard

Thomas H. Bolyard, P.G.
Senior Hydrogeologist



ENVIRO-PRO
PROFESSIONAL CORPORATION

FIGURE 1: SITE PLAN
N. Mecklenburg Landfill
Huntersville, NC

PROJECT #	DRAWN BY	SCALE	DATE
EP-1217	THB	1"=200'	9/23/96

TABLE 1

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS
North Mecklenburg Landfill
Huntersville, North Carolina
July 16,1998 Sampling Event

Parameter	Sample I.D. MW-1	MW-4	MW-5	MW-6	MW-10	MW-11	Field Blank	Trip Blank	NCAC 2L Standard
Arsenic	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NT	0.05
Barium	BDL	0.87	0.28	BDL	BDL	BDL	BDL	NT	2.0
Cadmium	BDL	BDL	0.014	BDL	BDL	BDL	BDL	NT	0.005
Chromium	BDL	BDL	0.018	BDL	BDL	BDL	BDL	NT	0.05
Lead	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NT	0.015
Mercury	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NT	0.0011
Selenium	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NT	0.05
Silver	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NT	0.018
All 8260 Compounds	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	

Notes: BDL = Below Detection Limits
NT = Not Tested
All Metals Results Are Presented in Parts Per Million

Lab Report

From: NC Certification No. 402
SC Certification No. 99012
NC Drinking Water Cert. No. 37735
FL Certification No. E87519

PRISM LABORATORIES, INC.
Full Service Analytical & Environmental Solutions

July 30, 1998

To: Mr. Tom Bolyard
Enviro-Pro, P.C.
15101 Regena Lane
Charlotte, NC 28278
Proj: NMLF

The following analytical results have been obtained for the indicated sample which was submitted to this laboratory:

Sample I.D. AB01178
Customer Code: ENVIPRO
Login Group #: 6479D8
Customer Reference: NMLF
Phone Number: (704)583-0075 fax(704)583-2673
Customer Sample I.D#: MW-4
Sample collection date: 07/16/98 Time: 16:00
Lab submittal date: 07/16/98 Time: 18:48
Received by: TLM
Validated by: ADO

Parameter: VOLATILE ORGANICS BY 8260
Method reference: 8260
Unit: ug/L
Result: see below
Date started: 07/28/98
Date finished: 07/28/98
Time started: 14:12
Analyst: MP

Parameter: METALS DIGESTION
Method reference: EPA 200.7
Unit:
Result: Completed
MDL or sensitivity:
Date started: 07/22/98
Date finished: 07/22/98
Time started: 08:30
Analyst: LAC

Parameter: ARSENIC, TOTAL
Method reference: EPA 200.7
Unit: mg/L
Result: Less than
MDL or sensitivity: 0.010
Date started: 07/25/98
Date finished: 07/25/98
Time started: 09:00
Analyst: DR2

Parameter: SELENIUM, TOTAL
Method reference: EPA 200.7
Unit: mg/L
Result: Less than
MDL or sensitivity: 0.010
Date started: 07/25/98
Date finished: 07/25/98
Time started: 09:00
Analyst: DR2

Parameter: CADMIUM, TOTAL
Method reference: EPA 200.7
Unit: mg/L
Result: Less than
MDL or sensitivity: 0.005
Date started: 07/25/98
Date finished: 07/25/98
Time started: 09:00
Analyst: DR2

Lab Report

PRISM LABORATORIES, INC.
Full Service Analytical & Environmental Solutions

Parameter: CHROMIUM, TOTAL
Method reference: EPA 200.7
Result: Less than
Date started: 07/25/98
Time started: 09:00
Unit: mg/L
MDL or sensitivity: 0.005
Date finished: 07/25/98
Analyst: DR2

Parameter: LEAD, TOTAL
Method reference: EPA 200.7
Result: Less than
Date started: 07/25/98
Time started: 09:00
Unit: mg/L
MDL or sensitivity: 0.005
Date finished: 07/25/98
Analyst: DR2

Parameter: SILVER, TOTAL
Method reference: EPA 200.7
Result: Less than
Date started: 07/25/98
Time started: 09:00
Unit: mg/L
MDL or sensitivity: 0.005
Date finished: 07/25/98
Analyst: DR2

Parameter: MERCURY, TOTAL
Method reference: EPA 245.1
Result: Less than
Date started: 07/28/98
Time started: 10:00
Unit: mg/L
MDL or sensitivity: 0.0002
Date finished: 07/28/98
Analyst: LAC

Parameter: BARIUM, TOTAL
Method reference: EPA 200.7
Result: 0.87 mg/L
Date started: 07/25/98
Time started: 09:00
MDL or sensitivity: 0.1
Date finished: 07/25/98
Analyst: DR2

Parameter: MERCURY DIGESTION
Method reference: EPA 245.1
Result: Completed
Date started: 07/27/98
Time started: 17:00
Unit:
MDL or sensitivity:
Date finished: 07/27/98
Analyst: LAC

Data for VOLATILE ORGANICS BY 8260 ug/L:

Component Name	Result	Component MDL
BENZENE	Not detected	5
BROMOBENZENE	Not detected	5
BROMOCHLOROMETHANE	Not detected	5
BROMODICHLOROMETHANE	Not detected	5
BROMOFORM	Not detected	5
BROMOMETHANE	Not detected	10
N-BUTYLBENZENE	Not detected	5
SEC-BUTYLBENZENE	Not detected	5
TERT-BUTYLBENZENE	Not detected	5
CHLOROBENZENE	Not detected	5
CHLORODIBROMOMETHANE	Not detected	5
CHLOROETHANE	Not detected	10
CHLOROFORM	Not detected	5
CHLOROMETHANE	Not detected	10

Lab Report

PRISM LABORATORIES, INC.
Full Service Analytical & Environmental Solutions

Data for VOLATILE ORGANICS BY 8260 (continued):

Component Name	Result	Component MDL
2-CHLOROTOLUENE	Not detected	2
4-CHLOROTOLUENE	Not detected	2
1,2-DIBROMO-3-CHLOROPROPANE	Not detected	10
1,2-DIBROMOETHANE	Not detected	5
DIBROMOMETHANE	Not detected	5
1,2-DICHLOROBENZENE	Not detected	5
1,3-DICHLOROBENZENE	Not detected	5
1,4-DICHLOROBENZENE	Not detected	5
DICHLORODIFLUOROMETHANE	Not detected	10
1,1-DICHLOROETHANE	Not detected	5
1,2-DICHLOROETHANE	Not detected	5
1,1-DICHLOROETHENE	Not detected	5
CIS-1,2-DICHLOROETHENE	Not detected	5
TRANS-1,2-DICHLOROETHENE	Not detected	5
1,2-DICHLOROPROPANE	Not detected	5
1,3-DICHLOROPROPANE	Not detected	5
2,2-DICHLOROPROPANE	Not detected	5
1,1-DICHLOROPROPENE	Not detected	5
ETHYLBENZENE	Not detected	5
HEXACHLOROBUTADIENE	Not detected	5
ISOPROPYLBENZENE	Not detected	5
P-ISOPROPYLTOLUENE	Not detected	5
METHYLENE CHLORIDE	Not detected	5
NAPHTHALENE	Not detected	5
N-PROPYLBENZENE	Not detected	5
STYRENE	Not detected	5
1,1,1,2-TETRACHLOROETHANE	Not detected	5
1,1,2,2-TETRACHLOROETHANE	Not detected	5
TETRACHLOROETHENE	Not detected	5
TOLUENE	Not detected	5
1,2,3-TRICHLOROBENZENE	Not detected	5
1,2,4-TRICHLOROBENZENE	Not detected	5
1,1,1-TRICHLOROETHANE	Not detected	5
1,1,2-TRICHLOROETHANE	Not detected	5
TRICHLOROETHENE	Not detected	5
TRICHLOROFLUOROMETHANE	Not detected	10
1,2,3-TRICHLOROPROPANE	Not detected	5
1,2,4-TRIMETHYLBENZENE	Not detected	5
1,3,5-TRIMETHYLBENZENE	Not detected	5
VINYL CHLORIDE	Not detected	10
TOTAL XYLENES	Not detected	5
cis-1,3-DICHLOROPROPENE	Not detected	5
trans-1,3-DICHLOROPROPENE	Not detected	5
ACETONE	Not detected	50
2-BUTANONE (MEK)	Not detected	10
CARBON DISULFIDE	Not detected	50
CARBON TETRACHLORIDE	Not detected	5
2-CHLOROETHYLVINYLETHER	Not detected	10
2-HEXANONE	Not detected	10
4-METHYL-2-PENTANONE (MIBK)	Not detected	10

Lab Report

PRISM LABORATORIES, INC.
Full Service Analytical & Environmental Solutions

Sample comments:

Project Name: NMLF
PO# EP-1217

If there are any questions regarding this data, please call.

Angela D. Overcash
Laboratory Director

449 Springbrook Road ▲ P.O. Box 240543 ▲ Charlotte, NC 28224-0543
Phone: 704/529-6364 ▲ Toll Free Number: 1-800/529-6364 ▲ Fax: 704/525-0409

Lab Report

From: NC Certification No. 402
SC Certification No. 99012
NC Drinking Water Cert. No. 37735
FL Certification No. E87519

PRISM LABORATORIES, INC.
Full Service Analytical & Environmental Solutions

July 30, 1998

To: Mr. Tom Bolyard
Enviro-Pro, P.C.
15101 Regena Lane
Charlotte, NC 28278
Proj: NMLF

The following analytical results have been obtained for the indicated sample which was submitted to this laboratory:

Sample I.D. AB01179
Login Group #: 6479D8
Phone Number: (704)583-0075 fax(704)583-2673
Customer Sample I.D#: MW-6
Sample collection date: 07/16/98 Time: 16:15
Lab submittal date: 07/16/98 Time: 18:48
Received by: TLM
Customer Code: ENVIPRO
Customer Reference: NMLF
Validated by: ADO

Parameter: VOLATILE ORGANICS BY 8260
Method reference: 8260
Result: see below
Date started: 07/28/98
Time started: 15:01
Unit: ug/L
Date finished: 07/28/98
Analyst: MP

Parameter: METALS DIGESTION
Method reference: EPA 200.7
Result: Completed
Date started: 07/22/98
Time started: 08:30
Unit:
MDL or sensitivity:
Date finished: 07/22/98
Analyst: LAC

Parameter: ARSENIC, TOTAL
Method reference: EPA 200.7
Result: Less than
Date started: 07/25/98
Time started: 09:00
Unit: mg/L
MDL or sensitivity: 0.010
Date finished: 07/25/98
Analyst: DR2

Parameter: SELENIUM, TOTAL
Method reference: EPA 200.7
Result: Less than
Date started: 07/25/98
Time started: 09:00
Unit: mg/L
MDL or sensitivity: 0.010
Date finished: 07/25/98
Analyst: DR2

Parameter: CADMIUM, TOTAL
Method reference: EPA 200.7
Result: Less than
Date started: 07/25/98
Time started: 09:00
Unit: mg/L
MDL or sensitivity: 0.005
Date finished: 07/25/98
Analyst: DR2

Lab Report

PRISM LABORATORIES, INC.
Full Service Analytical & Environmental Solutions

Parameter: CHROMIUM, TOTAL
Method reference: EPA 200.7
Result: Less than
Date started: 07/25/98
Time started: 09:00

Unit: mg/L
MDL or sensitivity: 0.005
Date finished: 07/25/98
Analyst: DR2

Parameter: LEAD, TOTAL
Method reference: EPA 200.7
Result: Less than
Date started: 07/25/98
Time started: 09:00

Unit: mg/L
MDL or sensitivity: 0.005
Date finished: 07/25/98
Analyst: DR2

Parameter: SILVER, TOTAL
Method reference: EPA 200.7
Result: Less than
Date started: 07/25/98
Time started: 09:00

Unit: mg/L
MDL or sensitivity: 0.005
Date finished: 07/25/98
Analyst: DR2

Parameter: MERCURY, TOTAL
Method reference: EPA 245.1
Result: Less than
Date started: 07/28/98
Time started: 10:00

Unit: mg/L
MDL or sensitivity: 0.0002
Date finished: 07/28/98
Analyst: LAC

Parameter: BARIUM, TOTAL
Method reference: EPA 200.7
Result: Less than
Date started: 07/25/98
Time started: 09:00

Unit: mg/L
MDL or sensitivity: 0.1
Date finished: 07/25/98
Analyst: DR2

Parameter: MERCURY DIGESTION
Method reference: EPA 245.1
Result: Completed
Date started: 07/27/98
Time started: 17:00

Unit:
MDL or sensitivity:
Date finished: 07/27/98
Analyst: LAC

Data for VOLATILE ORGANICS BY 8260 ug/L:

Component Name	Result	Component MDL
BENZENE	Not detected	5
BROMOBENZENE	Not detected	5
BROMOCHLOROMETHANE	Not detected	5
BROMODICHLOROMETHANE	Not detected	5
BROMOFORM	Not detected	5
BROMOMETHANE	Not detected	10
N-BUTYLBENZENE	Not detected	5
SEC-BUTYLBENZENE	Not detected	5
TERT-BUTYLBENZENE	Not detected	5
CHLOROBENZENE	Not detected	5
CHLORODIBROMOMETHANE	Not detected	5
CHLOROETHANE	Not detected	10
CHLOROFORM	Not detected	5
CHLOROMETHANE	Not detected	10

Lab Report

PRISM LABORATORIES, INC.
Full Service Analytical & Environmental Solutions

Data for VOLATILE ORGANICS BY 8260 (continued):

Component Name	Result	Component MDL
2-CHLOROTOLUENE	Not detected	2
4-CHLOROTOLUENE	Not detected	2
1,2-DIBROMO-3-CHLOROPROPANE	Not detected	10
1,2-DIBROMOETHANE	Not detected	5
DIBROMOMETHANE	Not detected	5
1,2-DICHLOROBENZENE	Not detected	5
1,3-DICHLOROBENZENE	Not detected	5
1,4-DICHLOROBENZENE	Not detected	5
DICHLORODIFLUOROMETHANE	Not detected	10
1,1-DICHLOROETHANE	Not detected	5
1,2-DICHLOROETHANE	Not detected	5
1,1-DICHLOROETHENE	Not detected	5
CIS-1,2-DICHLOROETHENE	Not detected	5
TRANS-1,2-DICHLOROETHENE	Not detected	5
1,2-DICHLOROPROPANE	Not detected	5
1,3-DICHLOROPROPANE	Not detected	5
2,2-DICHLOROPROPANE	Not detected	5
1,1-DICHLOROPROPENE	Not detected	5
ETHYLBENZENE	Not detected	5
HEXACHLOROBUTADIENE	Not detected	5
ISOPROPYLBENZENE	Not detected	5
P-ISOPROPYLTOLUENE	Not detected	5
METHYLENE CHLORIDE	Not detected	5
NAPHTHALENE	Not detected	5
N-PROPYLBENZENE	Not detected	5
STYRENE	Not detected	5
1,1,1,2-TETRACHLOROETHANE	Not detected	5
1,1,2,2-TETRACHLOROETHANE	Not detected	5
TETRACHLOROETHENE	Not detected	5
TOLUENE	Not detected	5
1,2,3-TRICHLOROBENZENE	Not detected	5
1,2,4-TRICHLOROBENZENE	Not detected	5
1,1,1-TRICHLOROETHANE	Not detected	5
1,1,2-TRICHLOROETHANE	Not detected	5
TRICHLOROETHENE	Not detected	5
TRICHLOROFLUOROMETHANE	Not detected	10
1,2,3-TRICHLOROPROPANE	Not detected	5
1,2,4-TRIMETHYLBENZENE	Not detected	5
1,3,5-TRIMETHYLBENZENE	Not detected	5
VINYL CHLORIDE	Not detected	10
TOTAL XYLENES	Not detected	5
cis-1,3-DICHLOROPROPENE	Not detected	5
trans-1,3-DICHLOROPROPENE	Not detected	5
ACETONE	Not detected	50
2-BUTANONE (MEK)	Not detected	10
CARBON DISULFIDE	Not detected	50
CARBON TETRACHLORIDE	Not detected	5
2-CHLOROETHYLVINYLETHER	Not detected	10
2-HEXANONE	Not detected	10
4-METHYL-2-PENTANONE (MIBK)	Not detected	10

Lab Report

PRISM LABORATORIES, INC.
Full Service Analytical & Environmental Solutions

Sample comments:

Project Name: NMLF
PO# EP-1217

If there are any questions regarding this data, please call.

Angela D. Overcash
Laboratory Director

449 Springbrook Road ▲ P.O. Box 240543 ▲ Charlotte, NC 28224-0543
Phone: 704/529-6364 ▲ Toll Free Number: 1-800/529-6364 ▲ Fax: 704/525-0409

Lab Report

From: NC Certification No. 402
SC Certification No. 99012
NC Drinking Water Cert. No. 37735
FL Certification No. E87519

PRISM LABORATORIES, INC.
Full Service Analytical & Environmental Solutions

July 30, 1998

To: Mr. Tom Bolyard
Enviro-Pro, P.C.
15101 Regena Lane
Charlotte, NC 28278
Proj: NMLF

The following analytical results have been obtained for the indicated sample which was submitted to this laboratory:

Sample I.D. AB01180
Login Group #: 6479D8
Phone Number: (704)583-0075 fax(704)583-2673
Customer Sample I.D#: MW-11
Sample collection date: 07/16/98 Time: 16:25
Lab submittal date: 07/16/98 Time: 18:48
Received by: TLM

Customer Code: ENVIPRO
Customer Reference: NMLF
Validated by: ADO

Parameter: VOLATILE ORGANICS BY 8260
Method reference: 8260
Result: see below
Date started: 07/28/98
Time started: 15:56

Unit: ug/L
Date finished: 07/28/98
Analyst: MP

Parameter: METALS DIGESTION
Method reference: EPA 200.7
Result: Completed
Date started: 07/22/98
Time started: 08:30

Unit:
MDL or sensitivity:
Date finished: 07/22/98
Analyst: LAC

Parameter: ARSENIC, TOTAL
Method reference: EPA 200.7
Result: Less than
Date started: 07/25/98
Time started: 09:00

Unit: mg/L
MDL or sensitivity: 0.010
Date finished: 07/25/98
Analyst: DR2

Parameter: SELENIUM, TOTAL
Method reference: EPA 200.7
Result: Less than
Date started: 07/25/98
Time started: 09:00

Unit: mg/L
MDL or sensitivity: 0.010
Date finished: 07/25/98
Analyst: DR2

Parameter: CADMIUM, TOTAL
Method reference: EPA 200.7
Result: Less than
Date started: 07/25/98
Time started: 09:00

Unit: mg/L
MDL or sensitivity: 0.005
Date finished: 07/25/98
Analyst: DR2

Lab Report

PRISM LABORATORIES, INC.
Full Service Analytical & Environmental Solutions

Parameter: CHROMIUM, TOTAL
Method reference: EPA 200.7
Result: Less than
Date started: 07/25/98
Time started: 09:00
Unit: mg/L
MDL or sensitivity: 0.005
Date finished: 07/25/98
Analyst: DR2

Parameter: LEAD, TOTAL
Method reference: EPA 200.7
Result: Less than
Date started: 07/25/98
Time started: 09:00
Unit: mg/L
MDL or sensitivity: 0.005
Date finished: 07/25/98
Analyst: DR2

Parameter: SILVER, TOTAL
Method reference: EPA 200.7
Result: Less than
Date started: 07/25/98
Time started: 09:00
Unit: mg/L
MDL or sensitivity: 0.005
Date finished: 07/25/98
Analyst: DR2

Parameter: MERCURY, TOTAL
Method reference: EPA 245.1
Result: Less than
Date started: 07/29/98
Time started: 09:15
Unit: mg/L
MDL or sensitivity: 0.0002
Date finished: 07/29/98
Analyst: LAC

Parameter: BARIUM, TOTAL
Method reference: EPA 200.7
Result: Less than
Date started: 07/25/98
Time started: 09:00
Unit: mg/L
MDL or sensitivity: 0.1
Date finished: 07/25/98
Analyst: DR2

Parameter: MERCURY DIGESTION
Method reference: EPA 245.1
Result: Completed
Date started: 07/27/98
Time started: 17:00
Unit:
MDL or sensitivity:
Date finished: 07/27/98
Analyst: LAC

Data for VOLATILE ORGANICS BY 8260 ug/L:

Component Name	Result	Component MDL
BENZENE	Not detected	5
BROMOBENZENE	Not detected	5
BROMOCHLOROMETHANE	Not detected	5
BROMODICHLOROMETHANE	Not detected	5
BROMOFORM	Not detected	5
BROMOMETHANE	Not detected	10
N-BUTYLBENZENE	Not detected	5
SEC-BUTYLBENZENE	Not detected	5
TERT-BUTYLBENZENE	Not detected	5
CHLOROBENZENE	Not detected	5
CHLORODIBROMOMETHANE	Not detected	5
CHLOROETHANE	Not detected	10
CHLOROFORM	Not detected	5
CHLOROMETHANE	Not detected	10

Lab Report

PRISM LABORATORIES, INC.
Full Service Analytical & Environmental Solutions

Data for VOLATILE ORGANICS BY 8260 (continued):

Component Name	Result	Component MDL
2-CHLOROTOLUENE	Not detected	2
4-CHLOROTOLUENE	Not detected	2
1,2-DIBROMO-3-CHLOROPROPANE	Not detected	10
1,2-DIBROMOETHANE	Not detected	5
DIBROMOMETHANE	Not detected	5
1,2-DICHLOROBENZENE	Not detected	5
1,3-DICHLOROBENZENE	Not detected	5
1,4-DICHLOROBENZENE	Not detected	5
DICHLORODIFLUOROMETHANE	Not detected	10
1,1-DICHLOROETHANE	Not detected	5
1,2-DICHLOROETHANE	Not detected	5
1,1-DICHLOROETHENE	Not detected	5
CIS-1,2-DICHLOROETHENE	Not detected	5
TRANS-1,2-DICHLOROETHENE	Not detected	5
1,2-DICHLOROPROPANE	Not detected	5
1,3-DICHLOROPROPANE	Not detected	5
2,2-DICHLOROPROPANE	Not detected	5
1,1-DICHLOROPROPENE	Not detected	5
ETHYLBENZENE	Not detected	5
HEXACHLOROBUTADIENE	Not detected	5
ISOPROPYLBENZENE	Not detected	5
P-ISOPROPYLTOLUENE	Not detected	5
METHYLENE CHLORIDE	Not detected	5
NAPHTHALENE	Not detected	5
N-PROPYLBENZENE	Not detected	5
STYRENE	Not detected	5
1,1,1,2-TETRACHLOROETHANE	Not detected	5
1,1,2,2-TETRACHLOROETHANE	Not detected	5
TETRACHLOROETHENE	Not detected	5
TOLUENE	Not detected	5
1,2,3-TRICHLOROBENZENE	Not detected	5
1,2,4-TRICHLOROBENZENE	Not detected	5
1,1,1-TRICHLOROETHANE	Not detected	5
1,1,2-TRICHLOROETHANE	Not detected	5
TRICHLOROETHENE	Not detected	5
TRICHLOROFLUOROMETHANE	Not detected	10
1,2,3-TRICHLOROPROPANE	Not detected	5
1,2,4-TRIMETHYLBENZENE	Not detected	5
1,3,5-TRIMETHYLBENZENE	Not detected	5
VINYL CHLORIDE	Not detected	10
TOTAL XYLENES	Not detected	5
cis-1,3-DICHLOROPROPENE	Not detected	5
trans-1,3-DICHLOROPROPENE	Not detected	5
ACETONE	Not detected	50
2-BUTANONE (MEK)	Not detected	10
CARBON DISULFIDE	Not detected	50
CARBON TETRACHLORIDE	Not detected	5
2-CHLOROETHYLVINYLETHER	Not detected	10
2-HEXANONE	Not detected	10
4-METHYL-2-PENTANONE (MIBK)	Not detected	10

Lab Report

PRISM LABORATORIES, INC.
Full Service Analytical & Environmental Solutions

Sample comments:

Project Name: NMLF
PO# EP-1217

If there are any questions regarding this data, please call.

Angela D. Overcash
Laboratory Director

449 Springbrook Road ▲ P.O. Box 240543 ▲ Charlotte, NC 28224-0543
Phone: 704/529-6364 ▲ Toll Free Number: 1-800/529-6364 ▲ Fax: 704/525-0409

Lab Report

From: NC Certification No. 402
SC Certification No. 99012
NC Drinking Water Cert. No. 37735
FL Certification No. E87519

PRISM LABORATORIES, INC.
Full Service Analytical & Environmental Solutions

July 30, 1998

To: Mr. Tom Bolyard
Enviro-Pro, P.C.
15101 Regena Lane
Charlotte, NC 28278
Proj: NMLF

The following analytical results have been obtained for the indicated sample which was submitted to this laboratory:

Sample I.D. AB01181
Login Group #: 6479D8
Customer Code: ENVIPRO
Phone Number: (704)583-0075 fax(704)583-2673
Customer Reference: NMLF
Customer Sample I.D#: MW-5
Sample collection date: 07/16/98 Time: 16:35
Lab submittal date: 07/16/98 Time: 18:48
Received by: TLM
Validated by: ADO

Parameter: VOLATILE ORGANICS BY 8260
Method reference: 8260
Result: see below
Unit: ug/L
Date started: 07/28/98
Date finished: 07/28/98
Time started: 16:42
Analyst: MP

Parameter: METALS DIGESTION
Method reference: EPA 200.7
Result: Completed
Unit:
Date started: 07/22/98
MDL or sensitivity:
Time started: 08:30
Date finished: 07/22/98
Analyst: LAC

Parameter: ARSENIC, TOTAL
Method reference: EPA 200.7
Result: Less than
Unit: mg/L
Date started: 07/25/98
MDL or sensitivity: 0.010
Time started: 09:00
Date finished: 07/25/98
Analyst: DR2

Parameter: SELENIUM, TOTAL
Method reference: EPA 200.7
Result: Less than
Unit: mg/L
Date started: 07/25/98
MDL or sensitivity: 0.010
Time started: 09:00
Date finished: 07/25/98
Analyst: DR2

Parameter: CADMIUM, TOTAL
Method reference: EPA 200.7
Result: 0.014 mg/L
Date started: 07/25/98
MDL or sensitivity: 0.005
Time started: 09:00
Date finished: 07/25/98
Analyst: DR2

Lab Report

PRISM LABORATORIES, INC.
Full Service Analytical & Environmental Solutions

Parameter: CHROMIUM, TOTAL
Method reference: EPA 200.7
Result: 0.018 mg/L
Date started: 07/25/98
Time started: 09:00
MDL or sensitivity: 0.005
Date finished: 07/25/98
Analyst: DR2

Parameter: LEAD, TOTAL
Method reference: EPA 200.7
Result: Less than
Date started: 07/25/98
Time started: 09:00
Unit: mg/L
MDL or sensitivity: 0.005
Date finished: 07/25/98
Analyst: DR2

Parameter: SILVER, TOTAL
Method reference: EPA 200.7
Result: Less than
Date started: 07/25/98
Time started: 09:00
Unit: mg/L
MDL or sensitivity: 0.005
Date finished: 07/25/98
Analyst: DR2

Parameter: MERCURY, TOTAL
Method reference: EPA 245.1
Result: Less than
Date started: 07/28/98
Time started: 10:00
Unit: mg/L
MDL or sensitivity: 0.0002
Date finished: 07/28/98
Analyst: LAC

Parameter: BARIUM, TOTAL
Method reference: EPA 200.7
Result: 0.28 mg/L
Date started: 07/25/98
Time started: 09:00
MDL or sensitivity: 0.1
Date finished: 07/25/98
Analyst: DR2

Parameter: MERCURY DIGESTION
Method reference: EPA 245.1
Result: Completed
Date started: 07/27/98
Time started: 17:00
Unit:
MDL or sensitivity:
Date finished: 07/27/98
Analyst: LAC

Data for VOLATILE ORGANICS BY 8260 ug/L:

Component Name	Result	Component MDL
BENZENE	Not detected	5
BROMOBENZENE	Not detected	5
BROMOCHLOROMETHANE	Not detected	5
BROMODICHLOROMETHANE	Not detected	5
BROMOFORM	Not detected	5
BROMOMETHANE	Not detected	10
N-BUTYLBENZENE	Not detected	5
SEC-BUTYLBENZENE	Not detected	5
TERT-BUTYLBENZENE	Not detected	5
CHLOROBENZENE	Not detected	5
CHLORODIBROMOMETHANE	Not detected	5
CHLOROETHANE	Not detected	10
CHLOROFORM	Not detected	5
CHLOROMETHANE	Not detected	10

Lab Report

PRISM LABORATORIES, INC.
Full Service Analytical & Environmental Solutions

Data for VOLATILE ORGANICS BY 8260 (continued):

Component Name	Result	Component MDL
2-CHLOROTOLUENE	Not detected	2
4-CHLOROTOLUENE	Not detected	2
1,2-DIBROMO-3-CHLOROPROPANE	Not detected	10
1,2-DIBROMOETHANE	Not detected	5
DIBROMOMETHANE	Not detected	5
1,2-DICHLOROBENZENE	Not detected	5
1,3-DICHLOROBENZENE	Not detected	5
1,4-DICHLOROBENZENE	Not detected	5
DICHLORODIFLUOROMETHANE	Not detected	10
1,1-DICHLOROETHANE	Not detected	5
1,2-DICHLOROETHANE	Not detected	5
1,1-DICHLOROETHENE	Not detected	5
CIS-1,2-DICHLOROETHENE	Not detected	5
TRANS-1,2-DICHLOROETHENE	Not detected	5
1,2-DICHLOROPROPANE	Not detected	5
1,3-DICHLOROPROPANE	Not detected	5
2,2-DICHLOROPROPANE	Not detected	5
1,1-DICHLOROPROPENE	Not detected	5
ETHYLBENZENE	Not detected	5
HEXACHLOROBUTADIENE	Not detected	5
ISOPROPYLBENZENE	Not detected	5
P-ISOPROPYLTOLUENE	Not detected	5
METHYLENE CHLORIDE	Not detected	5
NAPHTHALENE	Not detected	5
N-PROPYLBENZENE	Not detected	5
STYRENE	Not detected	5
1,1,1,2-TETRACHLOROETHANE	Not detected	5
1,1,2,2-TETRACHLOROETHANE	Not detected	5
TETRACHLOROETHENE	Not detected	5
TOLUENE	Not detected	5
1,2,3-TRICHLOROBENZENE	Not detected	5
1,2,4-TRICHLOROBENZENE	Not detected	5
1,1,1-TRICHLOROETHANE	Not detected	5
1,1,2-TRICHLOROETHANE	Not detected	5
TRICHLOROETHENE	Not detected	5
TRICHLOROFLUOROMETHANE	Not detected	10
1,2,3-TRICHLOROPROPANE	Not detected	5
1,2,4-TRIMETHYLBENZENE	Not detected	5
1,3,5-TRIMETHYLBENZENE	Not detected	5
VINYL CHLORIDE	Not detected	10
TOTAL XYLENES	Not detected	5
cis-1,3-DICHLOROPROPENE	Not detected	5
trans-1,3-DICHLOROPROPENE	Not detected	5
ACETONE	Not detected	50
2-BUTANONE (MEK)	Not detected	10
CARBON DISULFIDE	Not detected	50
CARBON TETRACHLORIDE	Not detected	5
2-CHLOROETHYLVINYLETHER	Not detected	10
2-HEXANONE	Not detected	10
4-METHYL-2-PENTANONE (MIBK)	Not detected	10

Lab Report

PRISM LABORATORIES, INC.
Full Service Analytical & Environmental Solutions

Sample comments:

Project Name: NMLF
PO# EP-1217

If there are any questions regarding this data, please call.

Angela D. Overcash
Laboratory Director

449 Springbrook Road ▲ P.O. Box 240543 ▲ Charlotte, NC 28224-0543
Phone: 704/529-6364 ▲ Toll Free Number: 1-800/529-6364 ▲ Fax: 704/525-0409

Lab Report

From: NC Certification No. 402
SC Certification No. 99012
NC Drinking Water Cert. No. 37735
FL Certification No. E87519

PRISM LABORATORIES, INC.
Full Service Analytical & Environmental Solutions

July 31, 1998

To: Mr. Tom Bolyard
Enviro-Pro, P.C.
15101 Regena Lane
Charlotte, NC 28278
Proj: NMLF

The following analytical results have been obtained for the indicated sample which was submitted to this laboratory:

Sample I.D. AB01182
Login Group #: 6479D8
Phone Number: (704)583-0075 fax(704)583-2673
Customer Sample I.D#: MW-1
Sample collection date: 07/16/98
Lab submittal date: 07/16/98
Received by: TLM

Customer Code: ENVIPRO
Customer Reference: NMLF
Time: 16:45
Time: 18:48
Validated by: ADO

Parameter: VOLATILE ORGANICS BY 8260
Method reference: 8260
Result: see below
Date started: 07/28/98
Time started: 17:30

Unit: ug/L
Date finished: 07/28/98
Analyst: MP

Parameter: METALS DIGESTION
Method reference: EPA 200.7
Result: Completed
Date started: 07/22/98
Time started: 08:30

Unit:
MDL or sensitivity:
Date finished: 07/22/98
Analyst: LAC

Parameter: ARSENIC, TOTAL
Method reference: EPA 200.7
Result: Less than
Date started: 07/25/98
Time started: 09:00

Unit: mg/L
MDL or sensitivity: 0.010
Date finished: 07/25/98
Analyst: DR2

Parameter: SELENIUM, TOTAL
Method reference: EPA 200.7
Result: Less than
Date started: 07/25/98
Time started: 09:00

Unit: mg/L
MDL or sensitivity: 0.010
Date finished: 07/25/98
Analyst: DR2

Parameter: CADMIUM, TOTAL
Method reference: EPA 200.7
Result: Less than
Date started: 07/25/98
Time started: 09:00

Unit: mg/L
MDL or sensitivity: 0.005
Date finished: 07/25/98
Analyst: DR2

Lab Report

PRISM LABORATORIES, INC.
Full Service Analytical & Environmental Solutions

Parameter: CHROMIUM, TOTAL
Method reference: EPA 200.7
Result: Less than
Date started: 07/25/98
Time started: 09:00
Unit: mg/L
MDL or sensitivity: 0.005
Date finished: 07/25/98
Analyst: DR2

Parameter: LEAD, TOTAL
Method reference: EPA 200.7
Result: Less than
Date started: 07/25/98
Time started: 09:00
Unit: mg/L
MDL or sensitivity: 0.005
Date finished: 07/25/98
Analyst: DR2

Parameter: SILVER, TOTAL
Method reference: EPA 200.7
Result: Less than
Date started: 07/25/98
Time started: 09:00
Unit: mg/L
MDL or sensitivity: 0.005
Date finished: 07/25/98
Analyst: DR2

Parameter: MERCURY, TOTAL
Method reference: EPA 245.1
Result: Less than
Date started: 07/28/98
Time started: 10:00
Unit: mg/L
MDL or sensitivity: 0.0002
Date finished: 07/28/98
Analyst: LAC

Parameter: BARIUM, TOTAL
Method reference: EPA 200.7
Result: Less than
Date started: 07/25/98
Time started: 09:00
Unit: mg/L
MDL or sensitivity: 0.1
Date finished: 07/25/98
Analyst: DR2

Parameter: MERCURY DIGESTION
Method reference: EPA 245.1
Result: Completed
Date started: 07/27/98
Time started: 17:00
Unit:
MDL or sensitivity:
Date finished: 07/27/98
Analyst: LAC

Data for VOLATILE ORGANICS BY 8260 ug/L:

Component Name	Result	Component MDL
BENZENE	Not detected	5
BROMOBENZENE	Not detected	5
BROMOCHLOROMETHANE	Not detected	5
BROMODICHLOROMETHANE	Not detected	5
BROMOFORM	Not detected	5
BROMOMETHANE	Not detected	10
N-BUTYLBENZENE	Not detected	5
SEC-BUTYLBENZENE	Not detected	5
TERT-BUTYLBENZENE	Not detected	5
CHLOROBENZENE	Not detected	5
CHLORODIBROMOMETHANE	Not detected	5
CHLOROETHANE	Not detected	10
CHLOROFORM	Not detected	5
CHLOROMETHANE	Not detected	10

Lab Report

PRISM LABORATORIES, INC.
Full Service Analytical & Environmental Solutions

Data for VOLATILE ORGANICS BY 8260 (continued):

Component Name	Result	Component MDL
2-CHLOROTOLUENE	Not detected	2
4-CHLOROTOLUENE	Not detected	2
1,2-DIBROMO-3-CHLOROPROPANE	Not detected	10
1,2-DIBROMOETHANE	Not detected	5
DIBROMOMETHANE	Not detected	5
1,2-DICHLOROBENZENE	Not detected	5
1,3-DICHLOROBENZENE	Not detected	5
1,4-DICHLOROBENZENE	Not detected	5
DICHLORODIFLUOROMETHANE	Not detected	5
1,1-DICHLOROETHANE	Not detected	10
1,2-DICHLOROETHANE	Not detected	5
1,1-DICHLOROETHENE	Not detected	5
CIS-1,2-DICHLOROETHENE	Not detected	5
TRANS-1,2-DICHLOROETHENE	Not detected	5
1,2-DICHLOROPROPANE	Not detected	5
1,3-DICHLOROPROPANE	Not detected	5
2,2-DICHLOROPROPANE	Not detected	5
1,1-DICHLOROPROPENE	Not detected	5
ETHYLBENZENE	Not detected	5
HEXACHLOROBUTADIENE	Not detected	5
ISOPROPYLBENZENE	Not detected	5
P-ISOPROPYLTOLUENE	Not detected	5
METHYLENE CHLORIDE	Not detected	5
NAPHTHALENE	Not detected	5
N-PROPYLBENZENE	Not detected	5
STYRENE	Not detected	5
1,1,1,2-TETRACHLOROETHANE	Not detected	5
1,1,2,2-TETRACHLOROETHANE	Not detected	5
TETRACHLOROETHENE	Not detected	5
TOLUENE	Not detected	5
1,2,3-TRICHLOROBENZENE	Not detected	5
1,2,4-TRICHLOROBENZENE	Not detected	5
1,1,1-TRICHLOROETHANE	Not detected	5
1,1,2-TRICHLOROETHANE	Not detected	5
TRICHLOROETHENE	Not detected	5
TRICHLOROFLUOROMETHANE	Not detected	5
1,2,3-TRICHLOROPROPANE	Not detected	10
1,2,4-TRIMETHYLBENZENE	Not detected	5
1,3,5-TRIMETHYLBENZENE	Not detected	5
VINYL CHLORIDE	Not detected	5
TOTAL XYLENES	Not detected	10
cis-1,3-DICHLOROPROPENE	Not detected	5
trans-1,3-DICHLOROPROPENE	Not detected	5
ACETONE	Not detected	5
2-BUTANONE (MEK)	Not detected	50
CARBON DISULFIDE	Not detected	10
CARBON TETRACHLORIDE	Not detected	50
2-CHLOROETHYLVINYLETHER	Not detected	5
2-HEXANONE	Not detected	10
4-METHYL-2-PENTANONE (MIBK)	Not detected	10
	Not detected	10

Lab Report

PRISM LABORATORIES, INC.
Full Service Analytical & Environmental Solutions

Sample comments:

Project Name: NMLF
PO# EP-1217

If there are any questions regarding this data, please call.

Angela D. Overcash
Laboratory Director

449 Springbrook Road ▲ P.O. Box 240543 ▲ Charlotte, NC 28224-0543
Phone: 704/529-6364 ▲ Toll Free Number: 1-800/529-6364 ▲ Fax: 704/525-0409

Lab Report

From: NC Certification No. 402
SC Certification No. 99012
NC Drinking Water Cert. No. 37735
FL Certification No. E87519

PRISM LABORATORIES, INC.
Full Service Analytical & Environmental Solutions

July 30, 1998

To: Mr. Tom Bolyard
Enviro-Pro, P.C.
15101 Regena Lane
Charlotte, NC 28278
Proj: NMLF

The following analytical results have been obtained for the indicated sample which was submitted to this laboratory:

Sample I.D. AB01183
Login Group #: 6479D8
Phone Number: (704)583-0075 fax(704)583-2673
Customer Sample I.D#: MW-10
Sample collection date: 07/16/98 Time: 17:00
Lab submittal date: 07/16/98 Time: 18:48
Received by: TLM

Customer Code: ENVIPRO
Customer Reference: NMLF
Validated by: ADO

Parameter: VOLATILE ORGANICS BY 8260
Method reference: 8260
Result: see below
Date started: 07/28/98
Time started: 18:20

Unit: ug/L
Date finished: 07/28/98
Analyst: MP

Parameter: METALS DIGESTION
Method reference: EPA 200.7
Result: Completed
Date started: 07/22/98
Time started: 08:30

Unit:
MDL or sensitivity:
Date finished: 07/22/98
Analyst: LAC

Parameter: ARSENIC, TOTAL
Method reference: EPA 200.7
Result: Less than
Date started: 07/25/98
Time started: 09:00

Unit: mg/L
MDL or sensitivity: 0.010
Date finished: 07/25/98
Analyst: DR2

Parameter: SELENIUM, TOTAL
Method reference: EPA 200.7
Result: Less than
Date started: 07/25/98
Time started: 09:00

Unit: mg/L
MDL or sensitivity: 0.010
Date finished: 07/25/98
Analyst: DR2

Parameter: CADMIUM, TOTAL
Method reference: EPA 200.7
Result: Less than
Date started: 07/25/98
Time started: 09:00

Unit: mg/L
MDL or sensitivity: 0.005
Date finished: 07/25/98
Analyst: DR2

Lab Report

PRISM LABORATORIES, INC.
Full Service Analytical & Environmental Solutions

Parameter: CHROMIUM, TOTAL
Method reference: EPA 200.7
Result: Less than
Date started: 07/25/98
Time started: 09:00

Unit: mg/L
MDL or sensitivity: 0.005
Date finished: 07/25/98
Analyst: DR2

Parameter: LEAD, TOTAL
Method reference: EPA 200.7
Result: Less than
Date started: 07/25/98
Time started: 09:00

Unit: mg/L
MDL or sensitivity: 0.005
Date finished: 07/25/98
Analyst: DR2

Parameter: SILVER, TOTAL
Method reference: EPA 200.7
Result: Less than
Date started: 07/25/98
Time started: 09:00

Unit: mg/L
MDL or sensitivity: 0.005
Date finished: 07/25/98
Analyst: DR2

Parameter: MERCURY, TOTAL
Method reference: EPA 245.1
Result: Less than
Date started: 07/28/98
Time started: 10:00

Unit: mg/L
MDL or sensitivity: 0.0002
Date finished: 07/28/98
Analyst: LAC

Parameter: BARIUM, TOTAL
Method reference: EPA 200.7
Result: Less than
Date started: 07/25/98
Time started: 09:00

Unit: mg/L
MDL or sensitivity: 0.1
Date finished: 07/25/98
Analyst: DR2

Parameter: MERCURY DIGESTION
Method reference: EPA 245.1
Result: Completed
Date started: 07/27/98
Time started: 17:00

Unit:
MDL or sensitivity:
Date finished: 07/27/98
Analyst: LAC

Data for VOLATILE ORGANICS BY 8260 ug/L:

Component Name	Result	Component MDL
BENZENE	Not detected	5
BROMOBENZENE	Not detected	5
BROMOCHLOROMETHANE	Not detected	5
BROMODICHLOROMETHANE	Not detected	5
BROMOFORM	Not detected	5
BROMOMETHANE	Not detected	10
N-BUTYLBENZENE	Not detected	5
SEC-BUTYLBENZENE	Not detected	5
TERT-BUTYLBENZENE	Not detected	5
CHLOROBENZENE	Not detected	5
CHLORODIBROMOMETHANE	Not detected	5
CHLOROETHANE	Not detected	10
CHLOROFORM	Not detected	5
CHLOROMETHANE	Not detected	10

Lab Report

PRISM LABORATORIES, INC.
Full Service Analytical & Environmental Solutions

Data for VOLATILE ORGANICS BY 8260 (continued):

Component Name	Result	Component MDL
2-CHLOROTOLUENE	Not detected	2
4-CHLOROTOLUENE	Not detected	2
1,2-DIBROMO-3-CHLOROPROPANE	Not detected	10
1,2-DIBROMOETHANE	Not detected	5
DIBROMOMETHANE	Not detected	5
1,2-DICHLOROBENZENE	Not detected	5
1,3-DICHLOROBENZENE	Not detected	5
1,4-DICHLOROBENZENE	Not detected	5
DICHLORODIFLUOROMETHANE	Not detected	10
1,1-DICHLOROETHANE	Not detected	5
1,2-DICHLOROETHANE	Not detected	5
1,1-DICHLOROETHENE	Not detected	5
CIS-1,2-DICHLOROETHENE	Not detected	5
TRANS-1,2-DICHLOROETHENE	Not detected	5
1,2-DICHLOROPROPANE	Not detected	5
1,3-DICHLOROPROPANE	Not detected	5
2,2-DICHLOROPROPANE	Not detected	5
1,1-DICHLOROPROPENE	Not detected	5
ETHYLBENZENE	Not detected	5
HEXACHLOROBUTADIENE	Not detected	5
ISOPROPYLBENZENE	Not detected	5
P-ISOPROPYLTOLUENE	Not detected	5
METHYLENE CHLORIDE	Not detected	5
NAPHTHALENE	Not detected	5
N-PROPYLBENZENE	Not detected	5
STYRENE	Not detected	5
1,1,1,2-TETRACHLOROETHANE	Not detected	5
1,1,2,2-TETRACHLOROETHANE	Not detected	5
TETRACHLOROETHENE	Not detected	5
TOLUENE	Not detected	5
1,2,3-TRICHLOROBENZENE	Not detected	5
1,2,4-TRICHLOROBENZENE	Not detected	5
1,1,1-TRICHLOROETHANE	Not detected	5
1,1,2-TRICHLOROETHANE	Not detected	5
TRICHLOROETHENE	Not detected	5
TRICHLOROFLUOROMETHANE	Not detected	5
1,2,3-TRICHLOROPROPANE	Not detected	10
1,2,4-TRIMETHYLBENZENE	Not detected	5
1,3,5-TRIMETHYLBENZENE	Not detected	5
VINYL CHLORIDE	Not detected	5
TOTAL XYLENES	Not detected	10
cis-1,3-DICHLOROPROPENE	Not detected	5
trans-1,3-DICHLOROPROPENE	Not detected	5
ACETONE	Not detected	5
2-BUTANONE (MEK)	Not detected	50
CARBON DISULFIDE	Not detected	10
CARBON TETRACHLORIDE	Not detected	50
2-CHLOROETHYLVINYLETHER	Not detected	5
2-HEXANONE	Not detected	10
4-METHYL-2-PENTANONE (MIBK)	Not detected	10

Lab Report

PRISM LABORATORIES, INC.
Full Service Analytical & Environmental Solutions

Sample comments:

Project Name: NMLF
PO# EP-1217

If there are any questions regarding this data, please call.

Angela D. Overcash
Laboratory Director

449 Springbrook Road ▲ P.O. Box 240543 ▲ Charlotte, NC 28224-0543
Phone: 704/529-6364 ▲ Toll Free Number: 1-800/529-6364 ▲ Fax: 704/525-0409

Lab Report

From: NC Certification No. 402
SC Certification No. 99012
NC Drinking Water Cert. No. 37735
FL Certification No. E87519

PRISM LABORATORIES, INC.
Full Service Analytical & Environmental Solutions

July 30, 1998

To: Mr. Tom Bolyard
Enviro-Pro, P.C.
15101 Regena Lane
Charlotte, NC 28278
Proj: NMLF

The following analytical results have been obtained for the indicated sample which was submitted to this laboratory:

Sample I.D. AB01184
Login Group #: 6479D8
Phone Number: (704)583-0075 fax(704)583-2673
Customer Sample I.D#: FIELD BLANK
Sample collection date: 07/16/98 Time: 16:30
Lab submittal date: 07/16/98 Time: 18:48
Received by: TLM

Customer Code: ENVIPRO
Customer Reference: NMLF
Validated by: ADO

Parameter: VOLATILE ORGANICS BY 8260
Method reference: 8260
Result: see below
Date started: 07/28/98
Time started: 19:00

Unit: ug/L
Date finished: 07/28/98
Analyst: MP

Parameter: METALS DIGESTION
Method reference: EPA 200.7
Result: Completed
Date started: 07/22/98
Time started: 08:30

Unit:
MDL or sensitivity:
Date finished: 07/22/98
Analyst: LAC

Parameter: ARSENIC, TOTAL
Method reference: EPA 200.7
Result: Less than
Date started: 07/25/98
Time started: 09:00

Unit: mg/L
MDL or sensitivity: 0.010
Date finished: 07/25/98
Analyst: DR2

Parameter: SELENIUM, TOTAL
Method reference: EPA 200.7
Result: Less than
Date started: 07/25/98
Time started: 09:00

Unit: mg/L
MDL or sensitivity: 0.010
Date finished: 07/25/98
Analyst: DR2

Parameter: CADMIUM, TOTAL
Method reference: EPA 200.7
Result: Less than
Date started: 07/25/98
Time started: 09:00

Unit: mg/L
MDL or sensitivity: 0.005
Date finished: 07/25/98
Analyst: DR2

Lab Report

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Parameter: CHROMIUM, TOTAL
Method reference: EPA 200.7
Result: Less than
Date started: 07/25/98
Time started: 09:00

Unit: mg/L
MDL or sensitivity: 0.005
Date finished: 07/25/98
Analyst: DR2

Parameter: LEAD, TOTAL
Method reference: EPA 200.7
Result: Less than
Date started: 07/25/98
Time started: 09:00

Unit: mg/L
MDL or sensitivity: 0.005
Date finished: 07/25/98
Analyst: DR2

Parameter: SILVER, TOTAL
Method reference: EPA 200.7
Result: Less than
Date started: 07/25/98
Time started: 09:00

Unit: mg/L
MDL or sensitivity: 0.005
Date finished: 07/25/98
Analyst: DR2

Parameter: MERCURY, TOTAL
Method reference: EPA 245.1
Result: Less than
Date started: 07/28/98
Time started: 10:00

Unit: mg/L
MDL or sensitivity: 0.0002
Date finished: 07/28/98
Analyst: LAC

Parameter: BARIUM, TOTAL
Method reference: EPA 200.7
Result: Less than
Date started: 07/25/98
Time started: 09:00

Unit: mg/L
MDL or sensitivity: 0.1
Date finished: 07/25/98
Analyst: DR2

Parameter: MERCURY DIGESTION
Method reference: EPA 245.1
Result: Completed
Date started: 07/27/98
Time started: 17:00

Unit:
MDL or sensitivity:
Date finished: 07/27/98
Analyst: LAC

Data for VOLATILE ORGANICS BY 8260 ug/L:

Component Name	Result	Component MDL
BENZENE	Not detected	5
BROMOBENZENE	Not detected	5
BROMOCHLOROMETHANE	Not detected	5
BROMODICHLOROMETHANE	Not detected	5
BROMOFORM	Not detected	5
BROMOMETHANE	Not detected	10
N-BUTYLBENZENE	Not detected	5
SEC-BUTYLBENZENE	Not detected	5
TERT-BUTYLBENZENE	Not detected	5
CHLOROBENZENE	Not detected	5
CHLORODIBROMOMETHANE	Not detected	5
CHLOROETHANE	Not detected	10
CHLOROFORM	Not detected	5
CHLOROMETHANE	Not detected	10

Lab Report

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Data for VOLATILE ORGANICS BY 8260 (continued):

Component Name	Result	Component MDL
2-CHLOROTOLUENE	Not detected	2
4-CHLOROTOLUENE	Not detected	2
1,2-DIBROMO-3-CHLOROPROPANE	Not detected	10
1,2-DIBROMOETHANE	Not detected	5
DIBROMOMETHANE	Not detected	5
1,2-DICHLOROBENZENE	Not detected	5
1,3-DICHLOROBENZENE	Not detected	5
1,4-DICHLOROBENZENE	Not detected	5
DICHLORODIFLUOROMETHANE	Not detected	10
1,1-DICHLOROETHANE	Not detected	5
1,2-DICHLOROETHANE	Not detected	5
1,1-DICHLOROETHENE	Not detected	5
CIS-1,2-DICHLOROETHENE	Not detected	5
TRANS-1,2-DICHLOROETHENE	Not detected	5
1,2-DICHLOROPROPANE	Not detected	5
1,3-DICHLOROPROPANE	Not detected	5
2,2-DICHLOROPROPANE	Not detected	5
1,1-DICHLOROPROPENE	Not detected	5
ETHYLBENZENE	Not detected	5
HEXACHLOROBUTADIENE	Not detected	5
ISOPROPYLBENZENE	Not detected	5
P-ISOPROPYLTOLUENE	Not detected	5
METHYLENE CHLORIDE	Not detected	5
NAPHTHALENE	Not detected	5
N-PROPYLBENZENE	Not detected	5
STYRENE	Not detected	5
1,1,1,2-TETRACHLOROETHANE	Not detected	5
1,1,2,2-TETRACHLOROETHANE	Not detected	5
TETRACHLOROETHENE	Not detected	5
TOLUENE	Not detected	5
1,2,3-TRICHLOROBENZENE	Not detected	5
1,2,4-TRICHLOROBENZENE	Not detected	5
1,1,1-TRICHLOROETHANE	Not detected	5
1,1,2-TRICHLOROETHANE	Not detected	5
TRICHLOROETHENE	Not detected	5
TRICHLOROFLUOROMETHANE	Not detected	5
1,2,3-TRICHLOROPROPANE	Not detected	10
1,2,4-TRIMETHYLBENZENE	Not detected	5
1,3,5-TRIMETHYLBENZENE	Not detected	5
VINYL CHLORIDE	Not detected	5
TOTAL XYLENES	Not detected	10
cis-1,3-DICHLOROPROPENE	Not detected	5
trans-1,3-DICHLOROPROPENE	Not detected	5
ACETONE	Not detected	5
2-BUTANONE (MEK)	Not detected	50
CARBON DISULFIDE	Not detected	10
CARBON TETRACHLORIDE	Not detected	50
2-CHLOROETHYLVINYLETHER	Not detected	5
2-HEXANONE	Not detected	10
4-METHYL-2-PENTANONE (MIBK)	Not detected	10

Lab Report

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Sample comments:

Project Name: NMLF
PO# EP-1217

If there are any questions regarding this data, please call.

Angela D. Overcash
Laboratory Director

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