24IHSSF1045

DocumentID	NONCD0002873
Site Name	NELLO TEER QUARRY-DENFIELD
DocumentType	Progress/Monitoring Rpt (PRGMON)
RptSegment	1
DocDate	2/20/1995
DocRcvd	2/20/2007
Box	SF1045
AccessLevel	PUBLIC
Division	WASTE MANAGEMENT
Section	SUPERFUND
Program	IHS (IHS)
DocCat	FACILITY

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Front Royal

Environmental Services, Inc.

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Environmental Services, Inc.

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P.O. Box 4350 • Cary, NC 27519-4350
(919) 469-9795 • Fax (919) 469-3557

February 20, 1995

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Mr. Robert O. Walton, III
North Carolina Department of Environment,
Health and Natural Resources
Raleigh Regional Office
3800 Barrett Drive, Suite 101
Raleigh, North Carolina 27609

RE: Quarterly Ground Water Monitoring Report
Teer Company - Durham Quarry
Denfield Street, Durham, North Carolina
Front Royal Project 0013-94-012

Dear Mr. Walton:

On January 26 and 31, 1995, Front Royal Environmental Services, Inc. (Front Royal) conducted a ground water sampling event at the Teer Company (Teer) quarry located on Denfield Road in Durham, North Carolina. Ground water samples were collected from the onsite monitor wells. On behalf of Teer, Front Royal submits this report detailing the results of the sampling event. Ground water sampling procedures are outlined in Appendix A.

Prior to collecting ground water samples, water level information was collected from the monitor wells (Table 1). Updated potentiometric maps for both the shallow and deep aquifers are attached.

The ground water laboratory analytical results indicate that there are two primary areas of contamination at the site (Table 2). Shallow monitor wells located in the area of the former asphalt plant indicate elevated levels of vinyl chloride, naphthalene, cis-1,2 dichloroethylene, 1,1 dichloroethane, and trichloroethene (Appendix B). The highest levels of contamination were detected in monitor wells MW-11, MW-17, MW-18, MW-25, and MW-26 (see attached Figure).

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The second area of contamination is located along the southern part of the site in the vicinity of the former service station. Laboratory analysis of ground water samples collected from monitor wells MW-15S, MW-20D, MW-20S, MW-23, and recovery well RW-2 indicate levels benzene, ethylbenzene, and naphthalene in excess of North Carolina Ground Water Standards. Monitor wells MW-15S and MW-20S are screened through the shallow aquifer, and wells MW-20D, MW-23, and RW-2 are screened through the deeper aquifer.

Free product has been detected in well RW-3 (see attached Figure). Since discovery, the free product has been removed from the well via weekly hand bailing. Recovered free product is temporarily staged onsite in a properly vented 55-gallon drum, and is periodically removed by an approved contractor. Since September 1994, approximately 18 gallons of free product have been bailed from MW-3 (Table 3).

If you have any questions regarding this matter, or if you require any additional information please contact us at (919) 469-9795.

Sincerely,

FRONT ROYAL ENVIRONMENTAL SERVICES, INC.

Bryan C. Gee, P.E.
Project Manager

Bruce D. Reilly, P.E.
Engineering Department Manager

L95-586:SLF:BCG:BDR:sls
Attachments

Quarterly Ground Water Monitoring Report
Teer Company - Durham Quarry
Denfield Street, Durham, North Carolina
February 20, 1995

Prepared for

Mr. Robert O. Walton, III
North Carolina Department of Environment,
Health and Natural Resources
Raleigh Regional Office
3800 Barrett Drive, Suite 101
Raleigh, North Carolina
Front Royal Project No. 0013-94-012

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Prepared by

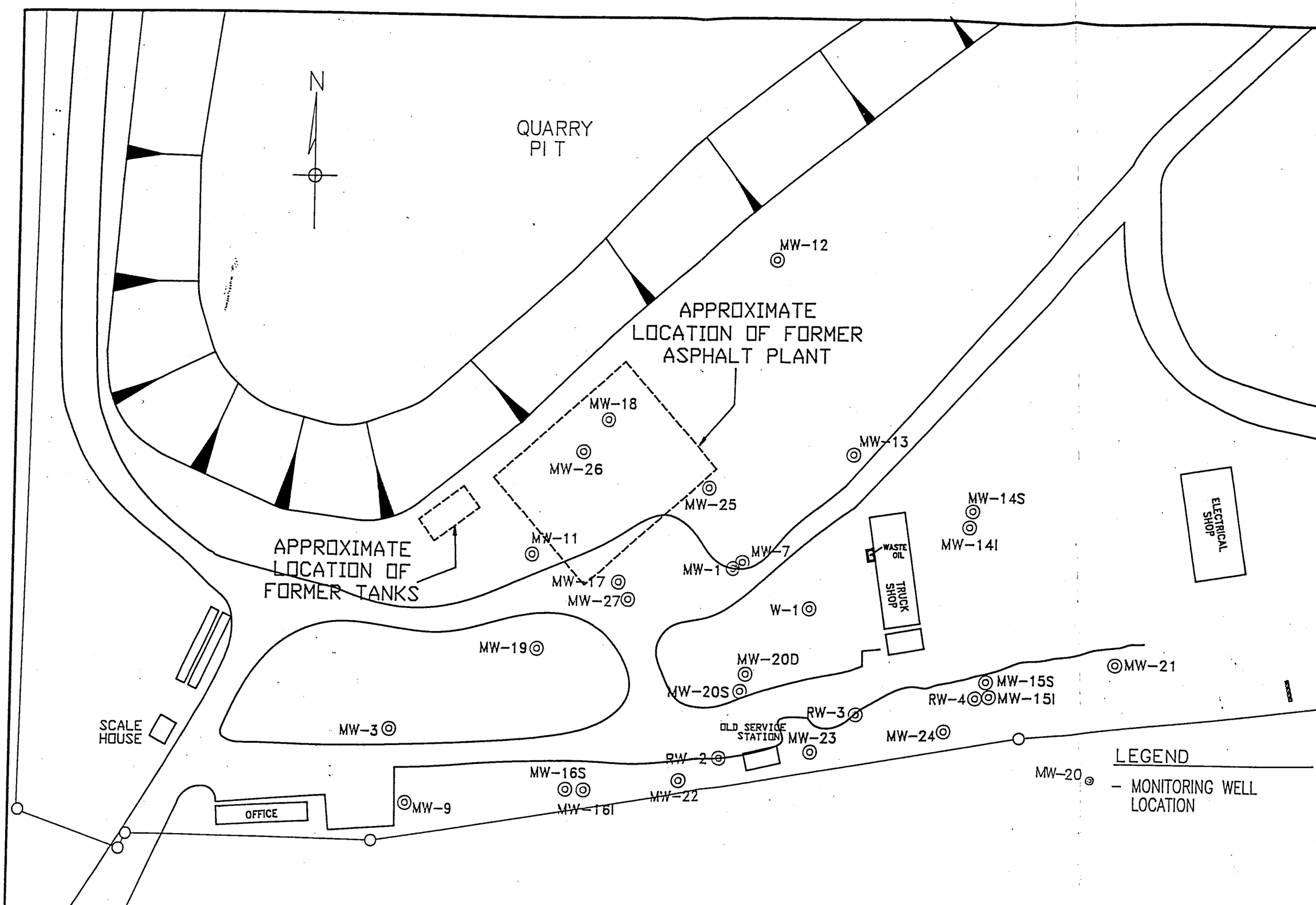
Front Royal Environmental Services, Inc.
P.O. Box 4350
Cary, North Carolina

NORTH CAROLINA
PROFESSIONAL
SEAL
18346
ENGINEER
BRYAN C. GEE

Bryan C. Gee, P.E.
Project Manager

Bruce D. Reilly, P.E.
Engineering Department Manager

Figures



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ENVIRONMENTAL SERVICES, INC.
MORRISVILLE, NORTH CAROLINA

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SITE MAP

NELLO L. TEER
DURHAM QUARRY

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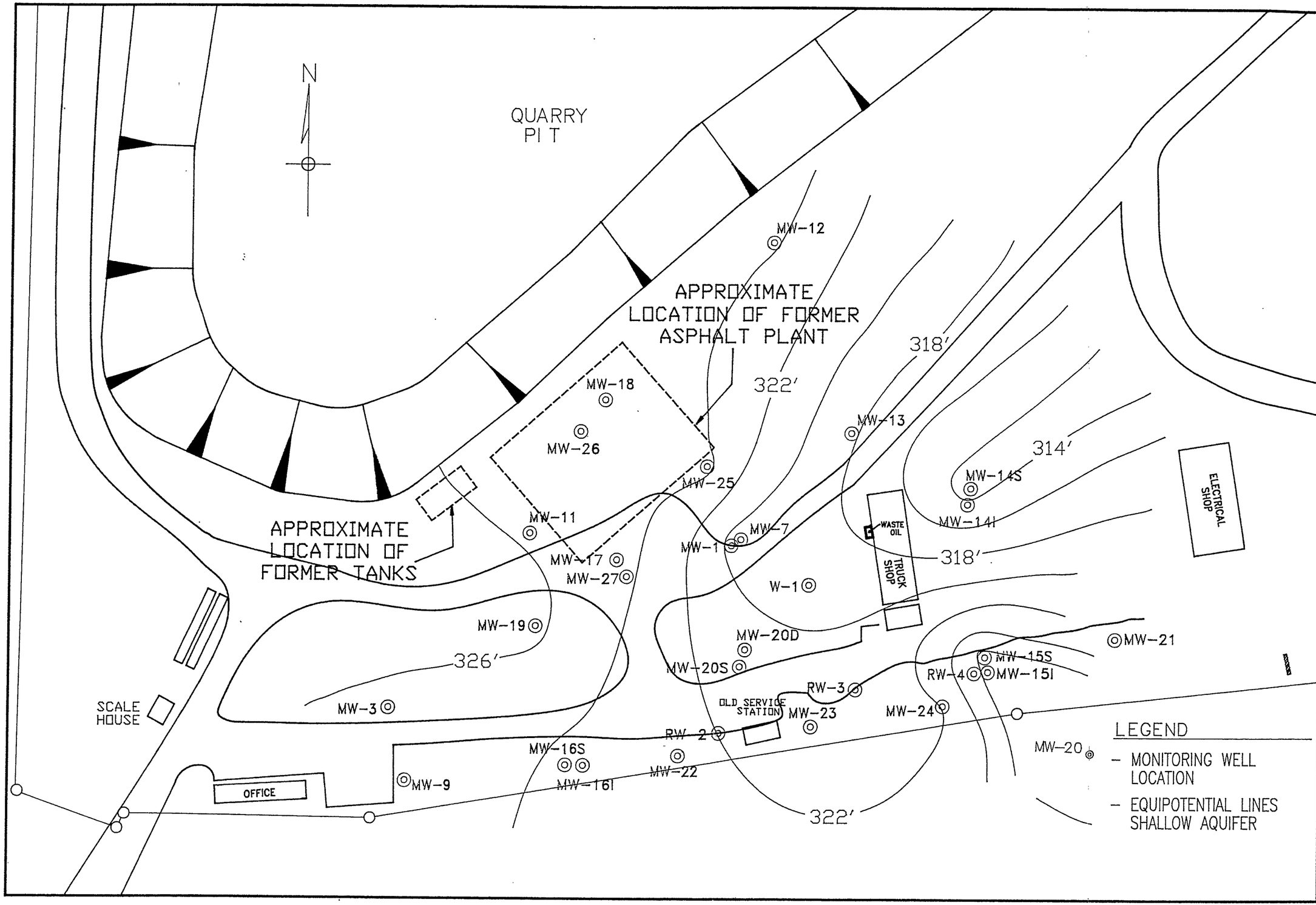

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POTENTIOMETRIC MAP
SHALLOW AQUIFER

NELLO L. TEER
DURHAM QUARRY

Revisions

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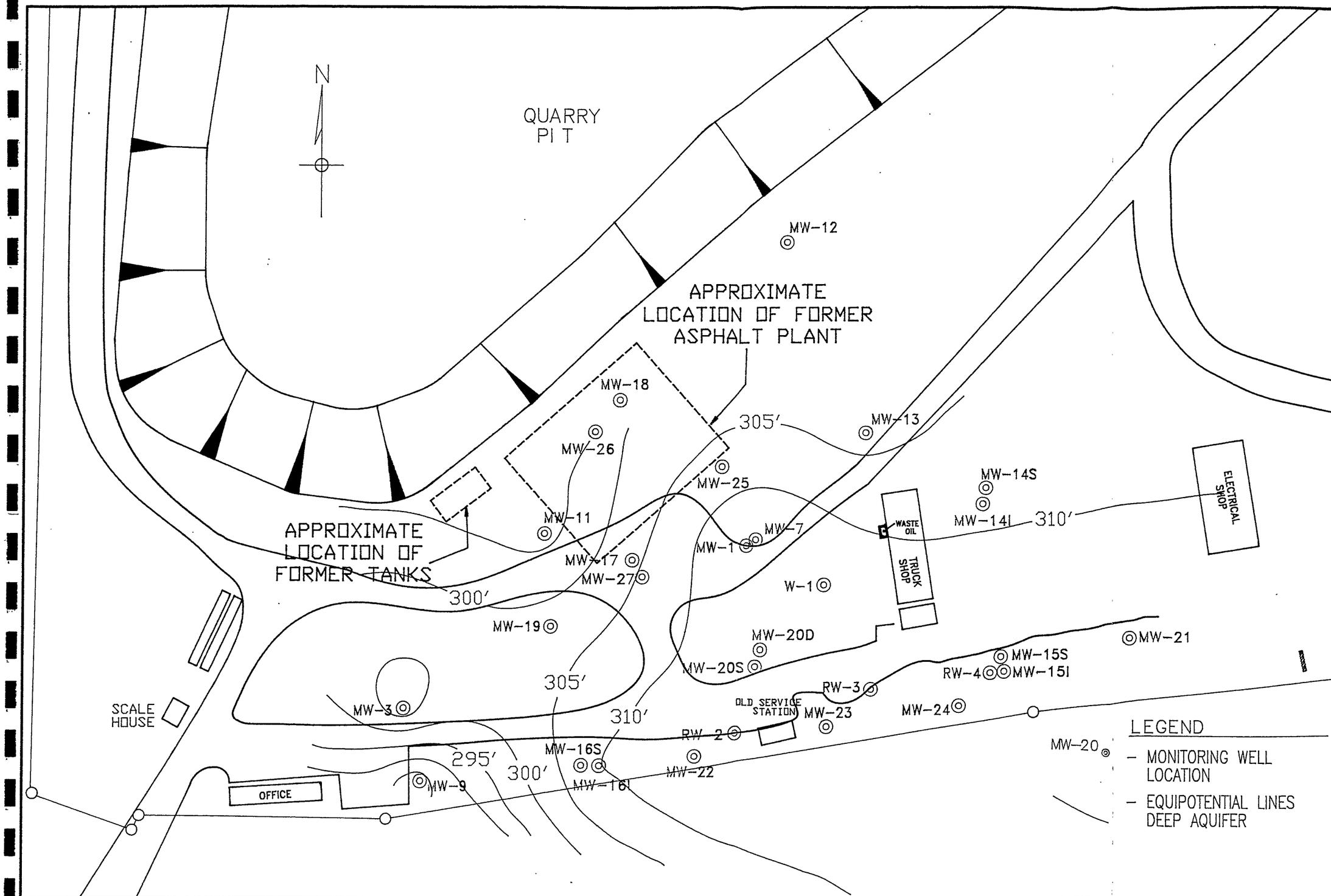

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POTENTIOMETRIC MAP
DEEP AQUIFER

NELLO L. TEER
DURHAM QUARRY

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Project No. 0013-94-012

Scale 1" = 100'

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Table 1. Water Level Data

Well No.	Date	Well Depth (feet)	Depth to Water (feet)
RW-1	01/25/95	35.00	15.00
MW-3	01/25/95	62.00	30.00
MW-7	01/25/95	14.00	11.23
MW-9	01/25/95	40.00	25.66
MW-11	01/25/95	50.00	36.06
MW-12	01/25/95	21.00	6.51
MW-13	01/25/95	65.00	24.27
MW-14S	01/25/95	20.00	14.84
MW-14I	01/25/95	49.00	18.85
MW-15S	01/25/95	17.00	3.60
MW-15I	01/25/95	40.00	17.44
MW-16S	01/25/95	13.00	11.24
MW-16I	01/25/95	61.00	24.58
MW-17	01/25/95	12.50	3.41
MW-18	01/25/95	10.00	4.32
MW-19	01/25/95	10.00	2.28
MW-20S	01/25/95	33.00	19.41
MW-20D	01/25/95	115.00	27.47
MW-21	01/25/95	70.00	16.95
MW-22	01/25/95	60.00	21.95
MW-23	01/25/95	60.00	21.20
MW-24	01/25/95	36.00	16.39
MW-25	01/25/95	14.00	5.02
MW-26	01/25/95	13.00	5.18

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Table 2. Summary of Ground Water Laboratory Analytical Data

W-1*

Constituent	Date			
	05/07/93	05/07/93	05/20/93	05/20/93
Benzene	16.00	38.80	34.40	11.30
Toluene	0.90	1.00	1.80	2.60
Ethylbenzene	0.40	1.00	1.00	8.80
Xylenes	5.10	15.40	17.20	NA
MTBE	NA	51.60	11.80	BDL
EDB	NA	NA	BDL	BDL
IPE	NA	NA	NA	BDL
Total PAH	NA	NA	BDL	NA
1,1-Dichloroethane	NA	0.73	0.73	BDL
Trichloroethene	NA	4.70	5.04	BDL
cis-,1,2-Dichloroethylene	NA	NA	NA	NA
Vinyl Chloride	BDL	BDL	BDL	BDL
Naphthalene	NA	NA	2.00	NA
Lead	NA	NA	1.00	BDL

** W-1 was abandoned in October 1994*

MW-1

Constituent	Date				
	05/20/93	05/20/93	05/20/93	08/29/94	01/26/95
Benzene	BDL	BDL	BDL	BDL	BDL
Toluene	BDL	BDL	0.70	BDL	BDL
Ethylbenzene	BDL	BDL	BDL	BDL	BDL
Xylenes	NA	NA	BDL	NA	BDL
MTBE	BDL	BDL	BDL	NA	BDL
EDB	BDL	BDL	NA	NA	NA
IPE	BDL	BDL	NA	NA	NA
Total PAH	NA	NA	BDL	BDL	NA
1,1-Dichloroethane	BDL	BDL	BDL	BDL	BDL
Trichloroethene	BDL	BDL	BDL	BDL	BDL
cis-,1,2-Dichloroethylene	NA	NA	NA	BDL	BDL
Vinyl Chloride	BDL	BDL	BDL	BDL	BDL
Naphthalene	2.00	NA	NA	BDL	BDL
Lead	1.00	0.03	NA	BDL	NA

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Table 2. Summary of Ground Water Laboratory Analytical Data

RW-2

Constituent	Date					
	05/07/93	05/07/93	05/20/93	05/20/93	05/20/93	08/29/94
Benzene	575.00	672.00	541.00	252.00	353.00	95.00
Toluene	1,160.00	892.00	521.00	319.00	418.00	19.00
Ethylbenzene	84.40	16.00	89.00	16.00	BDL	62.00
Xylenes	1,425.00	1,530.00	855.00	NA	106.00	61.00
MTBE	NA	23.00	105.00	BDL	BDL	NA
EDB	NA	NA	BDL	BDL	BDL	NA
IPE	NA	NA	NA	BDL	BDL	NA
Total PAH	NA	NA	BDL	NA	BDL	NA
1,1-Dichloroethane	NA	4.00	BDL	BDL	BDL	BDL
Trichloroethene	NA	4.00	BDL	BBDL	BDL	BDL
cis-,1,2-Dichloroethylene	NA	NA	NA	NA	NA	90.00
Vinyl Chloride	NA	4.00	BDL	BDL	BDL	BDL
Naphthalene	NA	NA	2.00	NA	NA	2.78
Lead	NA	NA	1.00	BDL	0.20	NA

MW-3

Constituent	Date		
	05/21/93	08/29/94	01/26/95
Benzene	BDL	BDL	BDL
Toluene	BDL	BDL	BDL
Ethylbenzene	BDL	BDL	BDL
Xylenes	BDL	BDL	BDL
MTBE	BDL	BDL	BDL
EDB	BDL	NA	NA
IPE	BDL	NA	NA
Total PAH	BDL	NA	NA
1,1-Dichloroethane	BDL	BDL	BDL
Trichloroethene	BDL	BDL	BDL
cis-,1,2-Dichloroethylene	NA	BDL	BDL
Vinyl Chloride	BDL	BDL	BDL
Naphthalene	BDL	BDL	BDL
Lead	0.06	NA	NA

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Table 2. Summary of Ground Water Laboratory Analytical Data

MW-9

Constituent	Date		
	09/09/93	08/30/94	01/26/95
Benzene	BDL	BDL	BDL
Toluene	BDL	BDL	BDL
Ethylbenzene	BDL	BDL	BDL
Xylenes	NA	BDL	BDL
MTBE	BDL	NA	NA
EDB	BDL	NA	NA
IPE	BDL	NA	NA
Total PAH	BDL	NA	NA
1,1-Dichloroethane	BDL	BDL	BDL
Trichloroethene	BDL	BDL	BDL
cis-,1,2-Dichloroethylene	NA	BDL	BDL
Vinyl Chloride	BDL	BDL	BDL
Naphthalene	BDL	BDL	BDL
Lead	0.05	NA	NA

MW-11

Constituent	Date		
	09/09/93	08/30/94	01/26/95
Benzene	BDL	BDL	BDL
Toluene	BDL	BDL	BDL
Ethylbenzene	BDL	BDL	BDL
Xylenes	NA	BDL	BDL
MTBE	BDL	NA	NA
EDB	BDL	NA	NA
IPE	BDL	NA	NA
Total PAH	BDL	NA	NA
1,1-Dichloroethane	0.60	BDL	BDL
Trichloroethene	BDL	BDL	2.50
cis-,1,2-Dichloroethylene	NA	BDL	BDL
Vinyl Chloride	BDL	BDL	BDL
Naphthalene	BDL	BDL	BDL
Lead	NA	NA	NA

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Table 2. Summary of Ground Water Laboratory Analytical Data

MW-12

Constituent	Date		
	09/09/93	08/30/94	01/26/95
Benzene	BDL	BDL	BDL
Toluene	BDL	BDL	BDL
Ethylbenzene	BDL	BDL	BDL
Xylenes	NA	BDL	BDL
MTBE	BDL	NA	NA
EDB	BDL	NA	NA
IPE	BDL	NA	NA
Total PAH	BDL	NA	NA
1,1-Dichloroethane	BDL	BDL	BDL
Trichloroethene	BDL	BDL	BDL
cis-,1,2-Dichloroethylene	NA	BDL	BDL
Vinyl Chloride	BDL	BDL	BDL
Naphthalene	BDL	BDL	BDL
Lead	NA	NA	NA

MW-13

Constituent	Date		
	09/09/93	08/31/94	01/26/95
Benzene	BDL	3.10	BDL
Toluene	BDL	BDL	BDL
Ethylbenzene	BDL	BDL	BDL
Xylenes	NA	BDL	BDL
MTBE	BDL	NA	NA
EDB	BDL	NA	NA
IPE	BDL	NA	NA
Total PAH	BDL	NA	NA
1,1-Dichloroethane	4.40	6.00	7.90
Trichloroethene	BDL	5.10	BDL
cis-,1,2-Dichloroethylene	NA	3.40	BDL
Vinyl Chloride	BDL	BDL	BDL
Naphthalene	BDL	BDL	BDL
Lead	NA	NA	NA

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Table 2. Summary of Ground Water Laboratory Analytical Data

MW-14S

Constituent	Date		
	09/09/93	08/30/94	01/31/95
Benzene	BDL	BDL	BDL
Toluene	BDL	BDL	BDL
Ethylbenzene	BDL	BDL	BDL
Xylenes	NA	BDL	BDL
MTBE	BDL	NA	NA
EDB	BDL	NA	NA
IPE	BDL	NA	NA
Total PAH	BDL	NA	NA
1,1-Dichloroethane	BDL	BDL	BDL
Trichloroethene	BDL	BDL	BDL
cis-,1,2-Dichloroethylene	NA	BDL	BDL
Vinyl Chloride	BDL	BDL	BDL
Naphthalene	BDL	BDL	BDL
Lead	0.05	NA	NA

MW-14I

Constituent	Date		
	09/09/93	08/30/94	01/31/95
Benzene	BDL	BDL	BDL
Toluene	BDL	BDL	BDL
Ethylbenzene	BDL	BDL	BDL
Xylenes	NA	BDL	BDL
MTBE	BDL	NA	NA
EDB	BDL	NA	NA
IPE	BDL	NA	NA
Total PAH	BDL	NA	NA
1,1-Dichloroethane	BDL	BDL	BDL
Trichloroethene	BDL	BDL	BDL
cis-,1,2-Dichloroethylene	NA	BDL	BDL
Vinyl Chloride	BDL	BDL	BDL
Naphthalene	BDL	BDL	BDL
Lead	0.05	NA	NA

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Table 2. Summary of Ground Water Laboratory Analytical Data

MW-15S

Constituent	Date		
	09/09/93	08/31/94	01/26/95
Benzene	10.70	17.50	BDL
Toluene	8.80	2.60	BDL
Ethylbenzene	76.40	147.00	43.00
Xylenes	NA	430.00	170.00
MTBE	8.30	NA	NA
EDB	BDL	NA	NA
IPE	BDL	NA	NA
Total PAH	13.00	NA	NA
1,1-Dichloroethane	BDL	BDL	BDL
Trichloroethene	BDL	BDL	BDL
cis-,1,2-Dichloroethylene	NA	BDL	BDL
Vinyl Chloride	BDL	BDL	BDL
Naphthalene	13.00	63.30	60.90
Lead	0.05	NA	NA

MW-15I

Constituent	Date		
	09/09/93	08/31/94	01/26/95
Benzene	BDL	BDL	BDL
Toluene	BDL	BDL	BDL
Ethylbenzene	BDL	2.70	3.40
Xylenes	NA	3.60	9.00
MTBE	BDL	NA	NA
EDB	BDL	NA	NA
IPE	BDL	NA	NA
Total PAH	BDL	NA	NA
1,1-Dichloroethane	BDL	BDL	BDL
Trichloroethene	BDL	BDL	BDL
cis-,1,2-Dichloroethylene	NA	BDL	BDL
Vinyl Chloride	BDL	BDL	BDL
Naphthalene	BDL	63.30	BDL
Lead	0.05	NA	NA

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Table 2. Summary of Ground Water Laboratory Analytical Data

MW-16S

Constituent	Date	
	09/09/93	08/30/94
Benzene	BDL	BDL
Toluene	BDL	BDL
Ethylbenzene	BDL	BDL
Xylenes	NA	BDL
MTBE	BDL	NA
EDB	BDL	NA
IPE	BDL	NA
Total PAH	BDL	NA
1,1-Dichloroethane	BDL	BDL
Trichloroethene	BDL	BDL
cis-,1,2-Dichloroethylene	NA	BDL
Vinyl Chloride	BDL	BDL
Naphthalene	BDL	BDL
Lead	0.05	NA

MW-16I

Constituent	Date		
	09/09/93	08/31/94	01/26/95
Benzene	BDL	BDL	BDL
Toluene	BDL	BDL	BDL
Ethylbenzene	BDL	BDL	BDL
Xylenes	NA	BDL	BDL
MTBE	BDL	NA	NA
EDB	BDL	NA	NA
IPE	BDL	NA	NA
Total PAH	BDL	NA	NA
1,1-Dichloroethane	BDL	BDL	BDL
Trichloroethene	BDL	BDL	BDL
cis-,1,2-Dichloroethylene	NA	BDL	BDL
Vinyl Chloride	BDL	BDL	BDL
Naphthalene	BDL	BDL	BDL
Lead	0.05	NA	NA

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Table 2. Summary of Ground Water Laboratory Analytical Data

MW-17

Constituent	Date		
	09/09/93	08/30/94	01/31/95
Benzene	BDL	BDL	BDL
Toluene	BDL	BDL	BDL
Ethylbenzene	BDL	BDL	BDL
Xylenes	NA	BDL	BDL
MTBE	BDL	NA	NA
EDB	BDL	NA	NA
IPE	BDL	NA	NA
Total PAH	BDL	NA	NA
1,1-Dichloroethane	17.10	BDL	15.50
Trichloroethene	BDL	BDL	BDL
cis-,1,2-Dichloroethylene	NA	BDL	3.80
Vinyl Chloride	2.20	38.90	63.00
Naphthalene	BDL	BDL	BDL
Lead	0.05	NA	NA

MW-18

Constituent	Date		
	09/09/93	08/30/94	01/31/95
Benzene	BDL	BDL	BDL
Toluene	1.30	BDL	BDL
Ethylbenzene	BDL	BDL	BDL
Xylenes	NA	BDL	BDL
MTBE	BDL	NA	NA
EDB	BDL	NA	NA
IPE	BDL	NA	NA
Total PAH	BDL	NA	NA
1,1-Dichloroethane	48.10	BDL	BDL
1,2-Dichloroethane	BDL	BDL	27.00
1,1-Dichloroethene	BDL	BDL	3.90
Trichloroethene	BDL	BDL	BDL
cis-,1,2-Dichloroethylene	NA	BDL	4.80
Vinyl Chloride	10.90	BDL	50.00
Naphthalene	BDL	BDL	BDL
Chloroethane	BDL	BDL	50.00
Lead	0.05	NA	NA

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Table 2. Summary of Ground Water Laboratory Analytical Data

MW-19

Constituent	Date		
	09/09/93	08/30/94	01/31/95
Benzene	BDL	BDL	BDL
Toluene	BDL	BDL	BDL
Ethylbenzene	BDL	BDL	BDL
Xylenes	NA	BDL	BDL
MTBE	BDL	NA	NA
EDB	BDL	NA	NA
IPE	BDL	NA	NA
Total PAH	BDL	NA	NA
1,1-Dichloroethane	BDL	BDL	BDL
Trichloroethene	BDL	BDL	BDL
cis-,1,2-Dichloroethylene	NA	BDL	BDL
Vinyl Chloride	BDL	BDL	BDL
Naphthalene	BDL	BDL	BDL
Lead	0.05	NA	NA

MW-20S

Constituent	Date		
	09/15/93	08/30/94	01/25/95
Benzene	15.00	64.40	44.00
Toluene	1.80	9.50	6.20
Ethylbenzene	BDL	1,638.00	7.00
Xylenes	NA	21.00	16.70
MTBE	7.30	NA	NA
EDB	BDL	NA	NA
IPE	14.20	NA	NA
Total PAH	BDL	NA	NA
1,1-Dichloroethane	BDL	BDL	BDL
Trichloroethene	BDL	BDL	BDL
cis-,1,2-Dichloroethylene	NA	BDL	BDL
Vinyl Chloride	BDL	BDL	BDL
Naphthalene	BDL	3.84	3.29
Lead	0.05	NA	NA

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Table 2. Summary of Ground Water Laboratory Analytical Data

MW-20D

Constituent	Date		
	09/09/93	08/31/94	01/25/95
Benzene	BDL	30.00	22.00
Toluene	BDL	BDL	BDL
Ethylbenzene	BDL	BDL	BDL
Xylenes	NA	BDL	BDL
MTBE	6.20	NA	NA
EDB	BDL	NA	NA
IPE	BDL	NA	NA
Total PAH	BDL	NA	NA
1,1-Dichloroethane	BDL	BDL	BDL
Trichloroethene	BDL	BDL	BDL
cis-,1,2-Dichloroethylene	NA	8.00	BDL
Vinyl Chloride	BDL	BDL	BDL
Naphthalene	BDL	BDL	BDL
Lead	0.05	NA	NA

MW-21

Constituent	Date		
	09/09/93	08/30/94	01/26/95
Benzene	BDL	30.00	BDL
Toluene	BDL	BDL	BDL
Ethylbenzene	BDL	BDL	BDL
Xylenes	NA	BDL	BDL
MTBE	BDL	NA	NA
EDB	BDL	NA	NA
IPE	BDL	NA	NA
Total PAH	BDL	NA	NA
1,1-Dichloroethane	BDL	BDL	BDL
Trichloroethene	BDL	BDL	BDL
cis-,1,2-Dichloroethylene	NA	BDL	BDL
Vinyl Chloride	BDL	BDL	BDL
Naphthalene	BDL	BDL	BDL
Lead	0.05	NA	NA

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Table 2. Summary of Ground Water Laboratory Analytical Data

MW-22

Constituent	Date		
	04/28/94	08/30/94	01/26/95
Benzene	9.40	BDL	BDL
Toluene	NA	BDL	BDL
Ethylbenzene	NA	BDL	BDL
Xylenes	NA	BDL	BDL
MTBE	BDL	NA	NA
EDB	BDL	NA	NA
IPE	8.00	NA	NA
Total PAH	BDL	NA	NA
1,1-Dichloroethane	NA	BDL	BDL
Trichloroethene	NA	BDL	BDL
cis-,1,2-Dichloroethylene	NA	BDL	BDL
Vinyl Chloride	NA	BDL	BDL
Naphthalene	NA	BDL	BDL
Lead	BDL	NA	NA

MW-23

Constituent	Date		
	04/28/94	08/30/94	01/26/95
Benzene	21.00	68.40	36.00
Toluene	NA	13.00	BDL
Ethylbenzene	NA	46.50	14.00
Xylenes	NA	100.00	40.00
MTBE	BDL	NA	NA
EDB	BDL	NA	NA
IPE	15.00	NA	NA
Total PAH	8.00	NA	NA
1,1-Dichloroethane	NA	BDL	BDL
Trichloroethene	NA	BDL	BDL
cis-,1,2-Dichloroethylene	NA	BDL	BDL
Vinyl Chloride	NA	BDL	BDL
Naphthalene	NA	33.70	42.50
Lead	BDL	NA	NA

Front Royal Project 0013-94-012
1394122b.wk4

Table 2. Summary of Ground Water Laboratory Analytical Data

MW-24

Constituent	Date		
	04/28/94	08/30/94	01/31/95
Benzene	BDL	BDL	BDL
Toluene	NA	BDL	BDL
Ethylbenzene	NA	BDL	BDL
Xylenes	NA	BDL	BDL
MTBE	BDL	NA	NA
EDB	BDL	NA	NA
IPE	BDL	NA	NA
Total PAH	BDL	NA	NA
1,1-Dichloroethane	NA	BDL	BDL
Trichloroethene	NA	BDL	BDL
cis-,1,2-Dichloroethylene	NA	BDL	BDL
Vinyl Chloride	NA	BDL	BDL
Naphthalene	NA	BDL	BDL
Lead	BDL	NA	NA

MW-25

Constituent	Date	
	08/30/94	01/31/95
Benzene	BDL	BDL
Toluene	BDL	BDL
Ethylbenzene	BDL	BDL
Xylenes	BDL	BDL
MTBE	NA	NA
EDB	NA	NA
IPE	NA	NA
Total PAH	NA	NA
1,1-Dichloroethane	840.00	690.00
1,2-Dichloroethane	BDL	BDL
1,1-Dichloroethene	BDL	770.00
Trichloroethene	280.00	125.00
1,1,1-Trichloroethane	BDL	1,710.00
cis-,1,2-Dichloroethylene	330.00	470.00
Vinyl Chloride	BDL	BDL
Naphthalene	BDL	BDL
Lead	NA	NA

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1394122b.wk4

Table 2. Summary of Ground Water Laboratory Analytical Data

MW-26

Constituent	Date	
	08/29/94	01/26/95
Benzene	BDL	BDL
Toluene	BDL	BDL
Ethylbenzene	BDL	BDL
Xylenes	BDL	BDL
MTBE	NA	NA
EDB	NA	NA
IPE	NA	NA
Total PAH	NA	NA
1,1-Dichloroethane	BDL	100.00
Trichloroethene	BDL	BDL
cis-,1,2-Dichloroethylene	BDL	BDL
Vinyl Chloride	29.50	BDL
Naphthalene	BDL	42.50
Lead	NA	NA

MW-27

Constituent	Date	
	09/09/93	08/29/94
Benzene	BDL	BDL
Toluene	BDL	BDL
Ethylbenzene	BDL	BDL
Xylenes	NA	BDL
MTBE	BDL	NA
EDB	BDL	NA
IPE	BDL	NA
Total PAH	BDL	NA
1,1-Dichloroethane	BDL	BDL
Trichloroethene	BDL	BDL
cis-,1,2-Dichloroethylene	NA	BDL
Vinyl Chloride	BDL	BDL
Naphthalene	BDL	BDL
Lead	0.05	NA

Front Royal Project 0013-94-012
1394122b.wk4

Table 3. Free Product Data

Date	Product Thickness (inches)	Amount Bailed Product and Water (gallons)
09/16/94	8.00	5.00
09/23/94	5.00	2.00
10/07/94	4.00	2.00
10/14/94	4.50	1.00
10/21/94	3.50	1.50
10/28/94	0.25	0.06
11/04/94	0.25	0.13
11/11/94	0.25	0.25
11/18/94	1.50	0.75
11/25/94	3.00	0.94
12/02/94	3.25	0.90
12/09/94	1.50	0.50
12/16/94	0.75	0.31
01/06/95	6.00	1.58
01/13/95	1.00	0.13
01/27/95	0.75	0.20
02/10/95	0.13	0.06

Front Royal Project 0013-94-012
139412fp.wk4

Appendix A

Appendix A

Standard Field Operating Procedures

Standard Field Operating Procedures

1 Decontamination of Equipment

The standard procedure for decontaminating all drilling equipment used for drilling or soil sampling is steam cleaning. Each auger used during drilling is decontaminated by a high pressure steam cleaner on plastic prior to drilling and after each boring. In addition, any equipment on the drill rig that would enter the well is decontaminated with steam prior to and after well completion.

Decontamination of bailers is not necessary because clean disposable polyethylene bailers are used for each well during bailing and sampling of the monitor wells.

Other portable field equipment used for collecting measurements in the monitor wells, such as the water level meter probe and tape, are decontaminated prior to each use. Field decontamination procedures include washing with phosphate-free detergent, rinsing with de-ionized water, rinsing with laboratory grade isopropyl alcohol, and finally rinsing again with de-ionized water.

2 Drilling

All shallow monitor wells are advanced to the previously stated depths with decontaminated hollow stem augers using a trailer-mounted auger drilling rig. All soil borings are advanced using a clean, stainless steel hand auger.

Type III wells are drilled by first advancing 8-inch O.D. augers to the specified depth. After the outer casing was set, the well is then re-entered with a 4-inch rotary drill bit and advanced to the desired depth. All cuttings from drilling are staged on-site on plastic.

3 Well Installation

All wells are constructed in accordance with State of North Carolina guidelines under Title 15 Subchapter 2C of the North Carolina Administrative Code. Each well is constructed of threaded 2-inch I.D. Schedule 40 PVC casing and threaded 2-inch I.D. Schedule 40 PVC 0.01-inch slot screen. The well screen is set from the maximum well depth to at least two feet above the water table. The well screen is set across the water table to account for seasonal fluctuations in water table depth and to permit detection of LNAPL compounds on the water table. The casing is connected to the well screen and extended to the surface.

After the well screen and casing are placed in the hole, quartz filter sand is poured into the annular space surrounding the well screen from the bottom of the borehole to two feet above the top of the screen. At least one foot of bentonite is then added to the annular space above the filter sand. The remaining annular space is filled with cement to ground surface. The well

is then finished with a locking cap and a flush-mounted 8-inch diameter bolt-down metal cover. Well construction is completed at ground surface by pouring a two foot by two foot concrete pad around the well cover.

A Type III well (deep well) is constructed as a telescoping double cased well according to 15A NCAC 2C. The outer 6-inch casing is set approximately 25 feet below the water table surface using a truck-mounted auger drill rig. Cement is tremied in the annular space surrounding the outer casing from the bottom of the casing to ground surface and permitted to dry for 24 hours. A two foot layer of cement is poured inside the casing to create a complete seal. After permitting the cement a sufficient amount of time to dry the well is re-entered and the inner boring is advanced to its desired depth using a rotary drill bit. The inner well is constructed of 2-inch I.D. Schedule 40 PVC casing threaded to a five foot section of 0.01-inch slot screen and inserted through the outer 6-inch casing. Quartz filter sand is poured into the annular space surrounding the well screen from the bottom of the borehole to two feet above the top of the well screen. At least one foot of bentonite is then poured into the annular space. The remaining annular space in the borehole and in between the outer casing and inner casing is filled with cement by pumping cement from the bottom of the annular space to ground surface. The well is then completed with a locking cap and a flush-mounted 8-inch diameter bolt-down metal well cover. A two foot by two foot cement pad is poured around the well cover.

4 Field Measurements

After wells are completed, the wellhead elevation of each well is surveyed using a temporary benchmark relative to an assumed elevation of 100 feet. Elevations are measured to an accuracy to the nearest 0.02 feet. Distances between wells are measured to the nearest 0.01 foot. Water levels are measured to the nearest 0.01 foot using a decontaminated Solinst electronic water level measuring device.

5 Well Development

Prior to developing, a static water level is obtained from each monitor well with a Solinst water level meter. Each monitor well to be sampled is then developed by bailing at least three well volumes to remove sediment and to obtain a representative sample of formation water. Bailers are handled with clean disposable protective gloves. Development water is temporarily stored on-site in 55-gallon barrels.

6 Ground Water Sampling

After wells are developed and the water level in each monitor well is permitted to re-equilibrate, ground water samples are collected and analyzed for the previously listed parameters. Ground water samples are collected using clean disposable polyethylene bailers and placed in labeled, laboratory provided sample containers. The first bailer of ground water retrieved from each well is only filled half full to check for free phase hydrocarbon product. Each sample bottle is filled in a manner that minimizes aeration of the water sample. During

sampling, all containers and bailers are handled using clean disposable latex gloves. Each ground water sample collected is stored in an ice-filled cooler and promptly delivered to a laboratory for analysis. All sampling information is properly labeled on a chain of custody which is signed over to the receiving laboratory with the ground water samples.

Appendix B

Ground Water Laboratory Analytical Results

H Y D R O L O G I C , I N C .

February 9, 1995

REPORTING:

HydroLogic-Morris., Inc.
2500 Gateway Centre
Suite #900
Morrisville, NC 27560

Attention: Pomeroy Smith

INVOICING:

HydroLogic-Morris., Inc.
2500 Gateway Centre
Suite #900
Morrisville, NC 27560

PROJECT NUMBER: FL952535

DATE COMPLETED: February 9, 1995
DATE RECEIVED: February 1, 1995

PROJECT DESCRIPTION:

Front Royal/Nello Teer #0013-94-012--7 water samples analyzed for 601/602/610.

Enclosed is the laboratory report for the project described above. If you have any questions or if we can be of further assistance, please feel free to contact Jamie Fore. We appreciate your business and look forward to serving you again soon.

Respectfully,

Benjamin Carl Esterle
Laboratory Director

1491 Twilight Trail ☐ Frankfort, KY 40601 ☐ 502/223-0251 ☐ FAX 502/875-8016 ☐ Toll Free 1-800/728-2251

COMPANY NAME: HydroLogic-Morris., Inc.
COMPANY PROJECT NUMBER: FRONT ROYAL/NELLO TEER #0013-94-012

HYDROLOGIC PROJECT NUMBER: FL952535
HYDROLOGIC SAMPLE NUMBER: 952535
HYDROLOGIC LAB I.D. #: 399
SAMPLE IDENTIFICATION: MW-14I
DATE SAMPLED: 1/31/95
DATE EXTRACTED: N/A
DATE/TIME ANALYZED: 2/3/95

METHOD EPA 601

ANALYSIS	CAS NO.	SDL (ug/l)	RESULT (ug/l)
Bromodichloromethane	75-27-4	1.0	BDL
Bromoform	75-25-2	1.0	BDL
Bromomethane	74-83-9	1.0	BDL
Carbon Tetrachloride	56-23-5	1.0	BDL
Chlorobenzene	108-90-7	1.0	BDL
Chloroethane	75-00-3	1.0	BDL
2-Chloro Ethyl Vinyl Ether	110-75-8	1.0	BDL
Chloroform	67-66-3	1.0	BDL
Chloromethane	74-87-3	1.0	BDL
Dibromochloromethane	124-48-1	1.0	BDL
1,2-Dichlorobenzene	95-50-1	1.0	BDL
1,3-Dichlorobenzene	541-73-1	1.0	BDL
1,4-Dichlorobenzene	106-46-7	1.0	BDL
Dichlorofluoromethane	75-43-4	1.0	BDL
1,1-Dichloroethane	75-34-3	1.0	BDL
1,2-Dichloroethane	107-06-2	1.0	BDL
1,1-Dichloroethene	75-35-4	1.0	BDL
trans-1,2-Dichloroethene	156-60-5	1.0	BDL
1,2-Dichloropropane	78-87-5	1.0	BDL
cis-1,3-Dichloropropene	10061-01-5	1.0	BDL
trans-1,3-Dichloropropene	10061-02-6	1.0	BDL
Methylene Chloride	75-09-2	1.0	BDL
1,1,2,2-Tetrachloroethane	79-34-5	1.0	BDL
Tetrachloroethene	127-18-4	1.0	BDL
1,1,1-Trichloroethane	71-55-6	1.0	BDL

COMPANY NAME: HydroLogic-Morris., Inc.
COMPANY PROJECT NUMBER: FRONT ROYAL/NELLO TEER #0013-94-012

HYDROLOGIC PROJECT NUMBER: FL952535
HYDROLOGIC SAMPLE NUMBER: 952535
SAMPLE IDENTIFICATION: MW-14I
DATE SAMPLED: 1/31/95

METHOD EPA 601

ANALYSIS	CAS NO.	SDL (ug/l)	RESULT (ug/l)
1,1,2-Trichloroethane	79-00-5	1.0	BDL
Trichloroethene	79-01-6	1.0	BDL
Trichlorofluoromethane	75-69-4	1.0	BDL
Vinyl Chloride	75-01-4	1.0	BDL
cis-1,2-Dichloroethylene	541-59-4	1.0	BDL
SURROGATE RECOVERY:			
BFB			92%

BDL = Below Sample Detection Limit
SDL = Sample Detection Limit

COMMENTS: _____

COMPANY NAME: HydroLogic-Morris., Inc.
COMPANY PROJECT NUMBER: FRONT ROYAL/NELLO TEER #0013-94-012

HYDROLOGIC PROJECT NUMBER: FL952535
HYDROLOGIC SAMPLE NUMBER: 952535
HYDROLOGIC LAB I.D. #: 399
SAMPLE IDENTIFICATION: MW-14I
DATE SAMPLED: 1/31/95
DATE EXTRACTED: N/A
DATE/TIME ANALYZED: 2/3/95

METHOD EPA 602

ANALYSIS	CAS NO.	SDL (ug/l)	RESULT (ug/l)
Benzene	71-43-2	1.0	BDL
Chlorobenzene	108-90-7	1.0	BDL
1,2-Dichlorobenzene	95-50-1	1.0	BDL
1,3-Dichlorobenzene	541-73-1	1.0	BDL
1,4-Dichlorobenzene	106-46-7	1.0	BDL
Ethylbenzene	100-41-4	1.0	BDL
Toluene	108-88-3	1.0	BDL
Xylene (Total)	1330-20-7	1.0	BDL
Surrogate Recovery:			
BFB			114%

BDL = Below Sample Detection Limit
SDL = Sample Detection Limit

COMMENTS: _____

COMPANY NAME: HydroLogic-Morris., Inc.
COMPANY PROJECT NUMBER: FRONT ROYAL/NELLO TEER #0013-94-012

HYDROLOGIC PROJECT NUMBER: FL952535
HYDROLOGIC SAMPLE NUMBER: 952535
HYDROLOGIC LAB I.D. #: 399
SAMPLE IDENTIFICATION: MW-14I
DATE SAMPLED: 1/31/95
DATE EXTRACTED: 2/5/95
DATE/TIME ANALYZED: 2/9/95

METHOD 610 by 625

ANALYSIS	CAS NO.	SDL (ug/l)	RESULT (ug/l)
Naphthalene	91-20-3	2.0	BDL
Acenaphthylene	208-96-8	2.0	BDL
Acenaphthene	83-32-9	2.0	BDL
Fluorene	86-73-7	2.0	BDL
Phenanthrene	85-01-8	2.0	BDL
Anthracene	120-12-7	2.0	BDL
Fluoranthene	206-44-0	2.0	BDL
Pyrene	129-00-0	2.0	BDL
Benzo(a)anthracene	56-55-3	2.0	BDL
Chrysene	218-01-9	2.0	BDL
Benzo(b)fluoranthene	205-99-2	2.0	BDL
Benzo(k)fluoranthene	207-08-9	2.0	BDL
Benzo(a)pyrene	50-32-8	2.0	BDL
Indeno(1,2,3-cd)pyrene	193-39-5	2.0	BDL
Dibenz(a,h)anthracene	53-70-3	2.0	BDL
Benzo(g,h,i)perylene	191-24-2	2.0	BDL

BDL = Below Sample Detection Limit
SDL = Sample Detection Limit

COMMENTS: _____

COMPANY NAME: HydroLogic-Morris., Inc.
COMPANY PROJECT NUMBER: FRONT ROYAL/NELLO TEER #0013-94-012

HYDROLOGIC PROJECT NUMBER: FL952535
HYDROLOGIC SAMPLE NUMBER: 952536
HYDROLOGIC LAB I.D. #: 399
SAMPLE IDENTIFICATION: MW-14S
DATE SAMPLED: 1/31/95
DATE EXTRACTED: N/A
DATE/TIME ANALYZED: 2/3/95

METHOD EPA 601

ANALYSIS	CAS NO.	SDL (ug/l)	RESULT (ug/l)
Bromodichloromethane	75-27-4	1.0	BDL
Bromoform	75-25-2	1.0	BDL
Bromomethane	74-83-9	1.0	BDL
Carbon Tetrachloride	56-23-5	1.0	BDL
Chlorobenzene	108-90-7	1.0	BDL
Chloroethane	75-00-3	1.0	BDL
2-Chloro Ethyl Vinyl Ether	110-75-8	1.0	BDL
Chloroform	67-66-3	1.0	BDL
Chloromethane	74-87-3	1.0	BDL
Dibromochloromethane	124-48-1	1.0	BDL
1,2-Dichlorobenzene	95-50-1	1.0	BDL
1,3-Dichlorobenzene	541-73-1	1.0	BDL
1,4-Dichlorobenzene	106-46-7	1.0	BDL
Dichlorofluoromethane	75-43-4	1.0	BDL
1,1-Dichloroethane	75-34-3	1.0	BDL
1,2-Dichloroethane	107-06-2	1.0	BDL
1,1-Dichloroethene	75-35-4	1.0	BDL
trans-1,2-Dichloroethene	156-60-5	1.0	BDL
1,2-Dichloropropane	78-87-5	1.0	BDL
cis-1,3-Dichloropropene	10061-01-5	1.0	BDL
trans-1,3-Dichloropropene	10061-02-6	1.0	BDL
Methylene Chloride	75-09-2	1.0	BDL
1,1,2,2-Tetrachloroethane	79-34-5	1.0	BDL
Tetrachloroethene	127-18-4	1.0	BDL
1,1,1-Trichloroethane	71-55-6	1.0	BDL

COMPANY NAME: HydroLogic-Morris., Inc.
COMPANY PROJECT NUMBER: FRONT ROYAL/NELLO TEER #0013-94-012

HYDROLOGIC PROJECT NUMBER: FL952535
HYDROLOGIC SAMPLE NUMBER: 952536
SAMPLE IDENTIFICATION: MW-14S
DATE SAMPLED: 1/31/95

METHOD EPA 601

ANALYSIS	CAS NO.	SDL (ug/l)	RESULT (ug/l)
1,1,2-Trichloroethane	79-00-5	1.0	BDL
Trichloroethene	79-01-6	1.0	BDL
Trichlorofluoromethane	75-69-4	1.0	BDL
Vinyl Chloride	75-01-4	1.0	BDL
cis-1,2-Dichloroethylene	541-59-4	1.0	BDL
SURROGATE RECOVERY:			
BFB			96%

BDL = Below Sample Detection Limit
SDL = Sample Detection Limit

COMMENTS: _____

COMPANY NAME: HydroLogic-Morris., Inc.
COMPANY PROJECT NUMBER: FRONT ROYAL/NELLO TEER #0013-94-012

HYDROLOGIC PROJECT NUMBER: FL952535
HYDROLOGIC SAMPLE NUMBER: 952536
HYDROLOGIC LAB I.D. #: 399
SAMPLE IDENTIFICATION: MW-14S
DATE SAMPLED: 1/31/95
DATE EXTRACTED: 2/5/95
DATE/TIME ANALYZED: 2/9/95

METHOD 610 by 625

ANALYSIS	CAS NO.	SDL (ug/l)	RESULT (ug/l)
Naphthalene	91-20-3	2.0	BDL
Acenaphthylene	208-96-8	2.0	BDL
Acenaphthene	83-32-9	2.0	BDL
Fluorene	86-73-7	2.0	BDL
Phenanthrene	85-01-8	2.0	BDL
Anthracene	120-12-7	2.0	BDL
Fluoranthene	206-44-0	2.0	BDL
Pyrene	129-00-0	2.0	BDL
Benzo(a)anthracene	56-55-3	2.0	BDL
Chrysene	218-01-9	2.0	BDL
Benzo(b)fluoranthene	205-99-2	2.0	BDL
Benzo(k)fluoranthene	207-08-9	2.0	BDL
Benzo(a)pyrene	50-32-8	2.0	BDL
Indeno(1,2,3-cd)pyrene	193-39-5	2.0	BDL
Dibenz(a,h)anthracene	53-70-3	2.0	BDL
Benzo(g,h,i)perylene	191-24-2	2.0	BDL

BDL = Below Sample Detection Limit
SDL = Sample Detection Limit

COMMENTS: _____

COMPANY NAME: HydroLogic-Morris., Inc.
COMPANY PROJECT NUMBER: FRONT ROYAL/NELLO TEER #0013-94-012

HYDROLOGIC PROJECT NUMBER: FL952535
HYDROLOGIC SAMPLE NUMBER: 952536
HYDROLOGIC LAB I.D. #: 399
SAMPLE IDENTIFICATION: MW-14S
DATE SAMPLED: 1/31/95
DATE EXTRACTED: N/A
DATE/TIME ANALYZED: 2/3/95

METHOD EPA 602

ANALYSIS	CAS NO.	SDL (ug/l)	RESULT (ug/l)
Benzene	71-43-2	1.0	BDL
Chlorobenzene	108-90-7	1.0	BDL
1,2-Dichlorobenzene	95-50-1	1.0	BDL
1,3-Dichlorobenzene	541-73-1	1.0	BDL
1,4-Dichlorobenzene	106-46-7	1.0	BDL
Ethylbenzene	100-41-4	1.0	BDL
Toluene	108-88-3	1.0	BDL
Xylene (Total)	1330-20-7	1.0	BDL
Surrogate Recovery:			
BFB			76%

BDL = Below Sample Detection Limit
SDL = Sample Detection Limit

COMMENTS: _____

COMPANY NAME: HydroLogic-Morris., Inc.
COMPANY PROJECT NUMBER: FRONT ROYAL/NELLO TEER #0013-94-012

HYDROLOGIC PROJECT NUMBER: FL952535
HYDROLOGIC SAMPLE NUMBER: 952537
HYDROLOGIC LAB I.D. #: 399
SAMPLE IDENTIFICATION: MW-17
DATE SAMPLED: 1/31/95
DATE EXTRACTED: N/A
DATE/TIME ANALYZED: 2/3/95

METHOD EPA 601

ANALYSIS	CAS NO.	SDL (ug/l)	RESULT (ug/l)
Bromodichloromethane	75-27-4	1.0	BDL
Bromoform	75-25-2	1.0	BDL
Bromomethane	74-83-9	1.0	BDL
Carbon Tetrachloride	56-23-5	1.0	BDL
Chlorobenzene	108-90-7	1.0	BDL
Chloroethane	75-00-3	1.0	BDL
2-Chloro Ethyl Vinyl Ether	110-75-8	1.0	BDL
Chloroform	67-66-3	1.0	BDL
Chloromethane	74-87-3	1.0	BDL
Dibromochloromethane	124-48-1	1.0	BDL
1,2-Dichlorobenzene	95-50-1	1.0	BDL
1,3-Dichlorobenzene	541-73-1	1.0	BDL
1,4-Dichlorobenzene	106-46-7	1.0	BDL
Dichlorofluoromethane	75-43-4	1.0	BDL
1,1-Dichloroethane	**75-34-3**	**1.0**	**15.5**
1,2-Dichloroethane	107-06-2	1.0	BDL
1,1-Dichloroethene	75-35-4	1.0	BDL
trans-1,2-Dichloroethene	156-60-5	1.0	BDL
1,2-Dichloropropane	78-87-5	1.0	BDL
cis-1,3-Dichloropropene	10061-01-5	1.0	BDL
trans-1,3-Dichloropropene	10061-02-6	1.0	BDL
Methylene Chloride	75-09-2	1.0	BDL
1,1,2,2-Tetrachloroethane	79-34-5	1.0	BDL
Tetrachloroethene	127-18-4	1.0	BDL
1,1,1-Trichloroethane	71-55-6	1.0	BDL

COMPANY NAME: HydroLogic-Morris., Inc.
COMPANY PROJECT NUMBER: FRONT ROYAL/NELLO TEER #0013-94-012

HYDROLOGIC PROJECT NUMBER: FL952535
HYDROLOGIC SAMPLE NUMBER: 952537
SAMPLE IDENTIFICATION: MW-17
DATE SAMPLED: 1/31/95

METHOD EPA 601

ANALYSIS	CAS NO.	SDL (ug/l)	RESULT (ug/l)
1,1,2-Trichloroethane	79-00-5	1.0	BDL
Trichloroethene	79-01-6	1.0	BDL
Trichlorofluoromethane	75-69-4	1.0	BDL
Vinyl Chloride	**75-01-4**	**1.0**	**63.0**
cis-1,2-Dichloroethylene	**541-59-4**	**1.0**	**3.8**

SURROGATE RECOVERY:
BFB 97%

BDL = Below Sample Detection Limit
SDL = Sample Detection Limit

COMMENTS: _____

COMPANY NAME: HydroLogic-Morris., Inc.
COMPANY PROJECT NUMBER: FRONT ROYAL/NELLO TEER #0013-94-012

HYDROLOGIC PROJECT NUMBER: FL952535
HYDROLOGIC SAMPLE NUMBER: 952537
HYDROLOGIC LAB I.D. #: 399
SAMPLE IDENTIFICATION: MW-17
DATE SAMPLED: 1/31/95
DATE EXTRACTED: 2/5/95
DATE/TIME ANALYZED: 2/9/95

METHOD 610 by 625

ANALYSIS	CAS NO.	SDL (ug/l)	RESULT (ug/l)
Naphthalene	91-20-3	2.0	BDL
Acenaphthylene	208-96-8	2.0	BDL
Acenaphthene	83-32-9	2.0	BDL
Fluorene	86-73-7	2.0	BDL
Phenanthrene	85-01-8	2.0	BDL
Anthracene	120-12-7	2.0	BDL
Fluoranthene	206-44-0	2.0	BDL
Pyrene	129-00-0	2.0	BDL
Benzo(a)anthracene	56-55-3	2.0	BDL
Chrysene	218-01-9	2.0	BDL
Benzo(b)fluoranthene	205-99-2	2.0	BDL
Benzo(k)fluoranthene	207-08-9	2.0	BDL
Benzo(a)pyrene	50-32-8	2.0	BDL
Indeno(1,2,3-cd)pyrene	193-39-5	2.0	BDL
Dibenz(a,h)anthracene	53-70-3	2.0	BDL
Benzo(g,h,i)perylene	191-24-2	2.0	BDL

BDL = Below Sample Detection Limit
SDL = Sample Detection Limit

COMMENTS: _____

COMPANY NAME: HydroLogic-Morris., Inc.
COMPANY PROJECT NUMBER: FRONT ROYAL/NELLO TEER #0013-94-012

HYDROLOGIC PROJECT NUMBER: FL952535
HYDROLOGIC SAMPLE NUMBER: 952537
HYDROLOGIC LAB I.D. #: 399
SAMPLE IDENTIFICATION: MW-17
DATE SAMPLED: 1/31/95
DATE EXTRACTED: N/A
DATE/TIME ANALYZED: 2/3/95

METHOD EPA 602

ANALYSIS	CAS NO.	SDL (ug/l)	RESULT (ug/l)
Benzene	71-43-2	1.0	BDL
Chlorobenzene	108-90-7	1.0	BDL
1,2-Dichlorobenzene	95-50-1	1.0	BDL
1,3-Dichlorobenzene	541-73-1	1.0	BDL
1,4-Dichlorobenzene	106-46-7	1.0	BDL
Ethylbenzene	100-41-4	1.0	BDL
Toluene	108-88-3	1.0	BDL
Xylene (Total)	1330-20-7	1.0	BDL
Surrogate Recovery:			
BFB			107%

BDL = Below Sample Detection Limit
SDL = Sample Detection Limit

COMMENTS: _____

COMPANY NAME: HydroLogic-Morris., Inc.
COMPANY PROJECT NUMBER: FRONT ROYAL/NELLO TEER #0013-94-012

HYDROLOGIC PROJECT NUMBER: FL952535
HYDROLOGIC SAMPLE NUMBER: 952538
HYDROLOGIC LAB I.D. #: 399
SAMPLE IDENTIFICATION: MW-18
DATE SAMPLED: 1/31/95
DATE EXTRACTED: N/A
DATE/TIME ANALYZED: 2/7/95

METHOD EPA 601

ANALYSIS	CAS NO.	SDL (ug/l)	RESULT (ug/l)
Bromodichloromethane	75-27-4	1.0	BDL
Bromoform	75-25-2	1.0	BDL
Bromomethane	74-83-9	1.0	BDL
Carbon Tetrachloride	56-23-5	1.0	BDL
Chlorobenzene	108-90-7	1.0	BDL
Chloroethane	**75-00-3**	**1.0**	**50.0**
2-Chloro Ethyl Vinyl Ether	110-75-8	1.0	BDL
Chloroform	67-66-3	1.0	BDL
Chloromethane	74-87-3	1.0	BDL
Dibromochloromethane	124-48-1	1.0	BDL
1,2-Dichlorobenzene	95-50-1	1.0	BDL
1,3-Dichlorobenzene	541-73-1	1.0	BDL
1,4-Dichlorobenzene	106-46-7	1.0	BDL
Dichlorofluoromethane	75-43-4	1.0	BDL
1,1-Dichloroethane	75-34-3	1.0	BDL
1,2-Dichloroethane	**107-06-2**	**1.0**	**27.0**
1,1-Dichloroethene	**75-35-4**	**1.0**	**3.9**
trans-1,2-Dichloroethene	156-60-5	1.0	BDL
1,2-Dichloropropane	78-87-5	1.0	BDL
cis-1,3-Dichloropropene	10061-01-5	1.0	BDL
trans-1,3-Dichloropropene	10061-02-6	1.0	BDL
Methylene Chloride	75-09-2	1.0	BDL
1,1,2,2-Tetrachloroethane	79-34-5	1.0	BDL
Tetrachloroethene	127-18-4	1.0	BDL
1,1,1-Trichloroethane	71-55-6	1.0	BDL

COMPANY NAME: HydroLogic-Morris., Inc.
COMPANY PROJECT NUMBER: FRONT ROYAL/NELLO TEER #0013-94-012

HYDROLOGIC PROJECT NUMBER: FL952535
HYDROLOGIC SAMPLE NUMBER: 952538
SAMPLE IDENTIFICATION: MW-18
DATE SAMPLED: 1/31/95

METHOD EPA 601

ANALYSIS	CAS NO.	SDL (ug/l)	RESULT (ug/l)
1,1,2-Trichloroethane	79-00-5	1.0	BDL
Trichloroethene	79-01-6	1.0	BDL
Trichlorofluoromethane	75-69-4	1.0	BDL
Vinyl Chloride	**75-01-4**	**1.0**	**50.0**
cis-1,2-Dichloroethylene	**541-59-4**	**1.0**	**4.8**

SURROGATE RECOVERY:
BFB 110%

BDL = Below Sample Detection Limit
SDL = Sample Detection Limit

COMMENTS: _____

COMPANY NAME: HydroLogic-Morris., Inc.
COMPANY PROJECT NUMBER: FRONT ROYAL/NELLO TEER #0013-94-012

HYDROLOGIC PROJECT NUMBER: FL952535
HYDROLOGIC SAMPLE NUMBER: 952538
HYDROLOGIC LAB I.D. #: 399
SAMPLE IDENTIFICATION: MW-18
DATE SAMPLED: 1/31/95
DATE EXTRACTED: 2/5/95
DATE/TIME ANALYZED: 2/9/95

METHOD 610 by 625

ANALYSIS	CAS NO.	SDL (ug/l)	RESULT (ug/l)
Naphthalene	91-20-3	2.0	BDL
Acenaphthylene	208-96-8	2.0	BDL
Acenaphthene	83-32-9	2.0	BDL
Fluorene	86-73-7	2.0	BDL
Phenanthrene	85-01-8	2.0	BDL
Anthracene	120-12-7	2.0	BDL
Fluoranthene	206-44-0	2.0	BDL
Pyrene	129-00-0	2.0	BDL
Benzo(a)anthracene	56-55-3	2.0	BDL
Chrysene	218-01-9	2.0	BDL
Benzo(b)fluoranthene	205-99-2	2.0	BDL
Benzo(k)fluoranthene	207-08-9	2.0	BDL
Benzo(a)pyrene	50-32-8	2.0	BDL
Indeno(1,2,3-cd)pyrene	193-39-5	2.0	BDL
Dibenz(a,h)anthracene	53-70-3	2.0	BDL
Benzo(g,h,i)perylene	191-24-2	2.0	BDL

BDL = Below Sample Detection Limit
SDL = Sample Detection Limit

COMMENTS: _____

COMPANY NAME: HydroLogic-Morris., Inc.
COMPANY PROJECT NUMBER: FRONT ROYAL/NELLO TEER #0013-94-012

HYDROLOGIC PROJECT NUMBER: FL952535
HYDROLOGIC SAMPLE NUMBER: 952538
HYDROLOGIC LAB I.D. #: 399
SAMPLE IDENTIFICATION: MW-18
DATE SAMPLED: 1/31/95
DATE EXTRACTED: N/A
DATE/TIME ANALYZED: 2/7/95

METHOD EPA 602

ANALYSIS	CAS NO.	SDL (ug/l)	RESULT (ug/l)
Benzene	71-43-2	1.0	BDL
Chlorobenzene	108-90-7	1.0	BDL
1,2-Dichlorobenzene	95-50-1	1.0	BDL
1,3-Dichlorobenzene	541-73-1	1.0	BDL
1,4-Dichlorobenzene	106-46-7	1.0	BDL
Ethylbenzene	100-41-4	1.0	BDL
Toluene	108-88-3	1.0	BDL
Xylene (Total)	1330-20-7	1.0	BDL
Surrogate Recovery:			
BFB			102%

BDL = Below Sample Detection Limit
SDL = Sample Detection Limit

COMMENTS: _____

COMPANY NAME: HydroLogic-Morris., Inc.
COMPANY PROJECT NUMBER: FRONT ROYAL/NELLO TEER #0013-94-012

HYDROLOGIC PROJECT NUMBER: FL952535
HYDROLOGIC SAMPLE NUMBER: 952539
HYDROLOGIC LAB I.D. #: 399
SAMPLE IDENTIFICATION: MW-19
DATE SAMPLED: 1/31/95
DATE EXTRACTED: N/A
DATE/TIME ANALYZED: 2/3/95

METHOD EPA 601

ANALYSIS	CAS NO.	SDL (ug/l)	RESULT (ug/l)
Bromodichloromethane	75-27-4	1.0	BDL
Bromoform	75-25-2	1.0	BDL
Bromomethane	74-83-9	1.0	BDL
Carbon Tetrachloride	56-23-5	1.0	BDL
Chlorobenzene	108-90-7	1.0	BDL
Chloroethane	75-00-3	1.0	BDL
2-Chloro Ethyl Vinyl Ether	110-75-8	1.0	BDL
Chloroform	67-66-3	1.0	BDL
Chloromethane	74-87-3	1.0	BDL
Dibromochloromethane	124-48-1	1.0	BDL
1,2-Dichlorobenzene	95-50-1	1.0	BDL
1,3-Dichlorobenzene	541-73-1	1.0	BDL
1,4-Dichlorobenzene	106-46-7	1.0	BDL
Dichlorofluoromethane	75-43-4	1.0	BDL
1,1-Dichloroethane	75-34-3	1.0	BDL
1,2-Dichloroethane	107-06-2	1.0	BDL
1,1-Dichloroethene	75-35-4	1.0	BDL
trans-1,2-Dichloroethene	156-60-5	1.0	BDL
1,2-Dichloropropane	78-87-5	1.0	BDL
cis-1,3-Dichloropropene	10061-01-5	1.0	BDL
trans-1,3-Dichloropropene	10061-02-6	1.0	BDL
Methylene Chloride	75-09-2	1.0	BDL
1,1,2,2-Tetrachloroethane	79-34-5	1.0	BDL
Tetrachloroethene	127-18-4	1.0	BDL
1,1,1-Trichloroethane	71-55-6	1.0	BDL

COMPANY NAME: HydroLogic-Morris., Inc.
COMPANY PROJECT NUMBER: FRONT ROYAL/NELLO TEER #0013-94-012

HYDROLOGIC PROJECT NUMBER: FL952535
HYDROLOGIC SAMPLE NUMBER: 952539
SAMPLE IDENTIFICATION: MW-19
DATE SAMPLED: 1/31/95

METHOD EPA 601

ANALYSIS	CAS NO.	SDL (ug/l)	RESULT (ug/l)
1,1,2-Trichloroethane	79-00-5	1.0	BDL
Trichloroethene	79-01-6	1.0	BDL
Trichlorofluoromethane	75-69-4	1.0	BDL
Vinyl Chloride	75-01-4	1.0	BDL
cis-1,2-Dichloroethylene	541-59-4	1.0	BDL
SURROGATE RECOVERY:			
BFB			98%

BDL = Below Sample Detection Limit
SDL = Sample Detection Limit

COMMENTS: _____

COMPANY NAME: HydroLogic-Morris., Inc.
COMPANY PROJECT NUMBER: FRONT ROYAL/NELLO TEER #0013-94-012

HYDROLOGIC PROJECT NUMBER: FL952535
HYDROLOGIC SAMPLE NUMBER: 952539
HYDROLOGIC LAB I.D. #: 399
SAMPLE IDENTIFICATION: MW-19
DATE SAMPLED: 1/31/95
DATE EXTRACTED: 2/5/95
DATE/TIME ANALYZED: 2/9/95

METHOD 610 by 625

ANALYSIS	CAS NO.	SDL (ug/l)	RESULT (ug/l)
Naphthalene	91-20-3	2.0	BDL
Acenaphthylene	208-96-8	2.0	BDL
Acenaphthene	83-32-9	2.0	BDL
Fluorene	86-73-7	2.0	BDL
Phenanthrene	85-01-8	2.0	BDL
Anthracene	120-12-7	2.0	BDL
Fluoranthene	206-44-0	2.0	BDL
Pyrene	129-00-0	2.0	BDL
Benzo(a)anthracene	56-55-3	2.0	BDL
Chrysene	218-01-9	2.0	BDL
Benzo(b)fluoranthene	205-99-2	2.0	BDL
Benzo(k)fluoranthene	207-08-9	2.0	BDL
Benzo(a)pyrene	50-32-8	2.0	BDL
Indeno(1,2,3-cd)pyrene	193-39-5	2.0	BDL
Dibenz(a,h)anthracene	53-70-3	2.0	BDL
Benzo(g,h,i)perylene	191-24-2	2.0	BDL

BDL = Below Sample Detection Limit
SDL = Sample Detection Limit

COMMENTS: _____

COMPANY NAME: HydroLogic-Morris., Inc.
COMPANY PROJECT NUMBER: FRONT ROYAL/NELLO TEER #0013-94-012

HYDROLOGIC PROJECT NUMBER: FL952535
HYDROLOGIC SAMPLE NUMBER: 952539
HYDROLOGIC LAB I.D. #: 399
SAMPLE IDENTIFICATION: MW-19
DATE SAMPLED: 1/31/95
DATE EXTRACTED: N/A
DATE/TIME ANALYZED: 2/3/95

METHOD EPA 602

ANALYSIS	CAS NO.	SDL (ug/l)	RESULT (ug/l)
Benzene	71-43-2	1.0	BDL
Chlorobenzene	108-90-7	1.0	BDL
1,2-Dichlorobenzene	95-50-1	1.0	BDL
1,3-Dichlorobenzene	541-73-1	1.0	BDL
1,4-Dichlorobenzene	106-46-7	1.0	BDL
Ethylbenzene	100-41-4	1.0	BDL
Toluene	108-88-3	1.0	BDL
Xylene (Total)	1330-20-7	1.0	BDL
Surrogate Recovery: BFB			107%

BDL = Below Sample Detection Limit
SDL = Sample Detection Limit

COMMENTS: _____

COMPANY NAME: HydroLogic-Morris., Inc.
COMPANY PROJECT NUMBER: FRONT ROYAL/NELLO TEER #0013-94-012

HYDROLOGIC PROJECT NUMBER: FL952535
HYDROLOGIC SAMPLE NUMBER: 952540
HYDROLOGIC LAB I.D. #: 399
SAMPLE IDENTIFICATION: MW-24
DATE SAMPLED: 1/31/95
DATE EXTRACTED: N/A
DATE/TIME ANALYZED: 2/3/95

METHOD EPA 601

ANALYSIS	CAS NO.	SDL (ug/l)	RESULT (ug/l)
Bromodichloromethane	75-27-4	1.0	BDL
Bromoform	75-25-2	1.0	BDL
Bromomethane	74-83-9	1.0	BDL
Carbon Tetrachloride	56-23-5	1.0	BDL
Chlorobenzene	108-90-7	1.0	BDL
Chloroethane	75-00-3	1.0	BDL
2-Chloro Ethyl Vinyl Ether	110-75-8	1.0	BDL
Chloroform	67-66-3	1.0	BDL
Chloromethane	74-87-3	1.0	BDL
Dibromochloromethane	124-48-1	1.0	BDL
1,2-Dichlorobenzene	95-50-1	1.0	BDL
1,3-Dichlorobenzene	541-73-1	1.0	BDL
1,4-Dichlorobenzene	106-46-7	1.0	BDL
Dichlorofluoromethane	75-43-4	1.0	BDL
1,1-Dichloroethane	75-34-3	1.0	BDL
1,2-Dichloroethane	107-06-2	1.0	BDL
1,1-Dichloroethene	75-35-4	1.0	BDL
trans-1,2-Dichloroethene	156-60-5	1.0	BDL
1,2-Dichloropropane	78-87-5	1.0	BDL
cis-1,3-Dichloropropene	10061-01-5	1.0	BDL
trans-1,3-Dichloropropene	10061-02-6	1.0	BDL
Methylene Chloride	75-09-2	1.0	BDL
1,1,2,2-Tetrachloroethane	79-34-5	1.0	BDL
Tetrachloroethene	127-18-4	1.0	BDL
1,1,1-Trichloroethane	71-55-6	1.0	BDL

COMPANY NAME: HydroLogic-Morris., Inc.
COMPANY PROJECT NUMBER: FRONT ROYAL/NELLO TEER #0013-94-012

HYDROLOGIC PROJECT NUMBER: FL952535
HYDROLOGIC SAMPLE NUMBER: 952540
SAMPLE IDENTIFICATION: MW-24
DATE SAMPLED: 1/31/95

METHOD EPA 601

ANALYSIS	CAS NO.	SDL (ug/l)	RESULT (ug/l)
1,1,2-Trichloroethane	79-00-5	1.0	BDL
Trichloroethene	79-01-6	1.0	BDL
Trichlorofluoromethane	75-69-4	1.0	BDL
Vinyl Chloride	75-01-4	1.0	BDL
cis-1,2-Dichloroethylene	541-59-4	1.0	BDL
SURROGATE RECOVERY:			
BFB			88%

BDL = Below Sample Detection Limit
SDL = Sample Detection Limit

COMMENTS: _____

COMPANY NAME: HydroLogic-Morris., Inc.
COMPANY PROJECT NUMBER: FRONT ROYAL/NELLO TEER #0013-94-012

HYDROLOGIC PROJECT NUMBER: FL952535
HYDROLOGIC SAMPLE NUMBER: 952540
HYDROLOGIC LAB I.D. #: 399
SAMPLE IDENTIFICATION: MW-24
DATE SAMPLED: 1/31/95
DATE EXTRACTED: 2/5/95
DATE/TIME ANALYZED: 2/9/95

METHOD 610 by 625

ANALYSIS	CAS NO.	SDL (ug/l)	RESULT (ug/l)
Naphthalene	91-20-3	2.0	BDL
Acenaphthylene	208-96-8	2.0	BDL
Acenaphthene	83-32-9	2.0	BDL
Fluorene	86-73-7	2.0	BDL
Phenanthrene	85-01-8	2.0	BDL
Anthracene	120-12-7	2.0	BDL
Fluoranthene	206-44-0	2.0	BDL
Pyrene	129-00-0	2.0	BDL
Benzo(a)anthracene	56-55-3	2.0	BDL
Chrysene	218-01-9	2.0	BDL
Benzo(b)fluoranthene	205-99-2	2.0	BDL
Benzo(k)fluoranthene	207-08-9	2.0	BDL
Benzo(a)pyrene	50-32-8	2.0	BDL
Indeno(1,2,3-cd)pyrene	193-39-5	2.0	BDL
Dibenz(a,h)anthracene	53-70-3	2.0	BDL
Benzo(g,h,i)perylene	191-24-2	2.0	BDL

BDL = Below Sample Detection Limit
SDL = Sample Detection Limit

COMMENTS: _____

COMPANY NAME: HydroLogic-Morris., Inc.
COMPANY PROJECT NUMBER: FRONT ROYAL/NELLO TEER #0013-94-012

HYDROLOGIC PROJECT NUMBER: FL952535
HYDROLOGIC SAMPLE NUMBER: 952540
HYDROLOGIC LAB I.D. #: 399
SAMPLE IDENTIFICATION: MW-24
DATE SAMPLED: 1/31/95
DATE EXTRACTED: N/A
DATE/TIME ANALYZED: 2/3/95

METHOD EPA 602

ANALYSIS	CAS NO.	SDL (ug/l)	RESULT (ug/l)
Benzene	71-43-2	1.0	BDL
Chlorobenzene	108-90-7	1.0	BDL
1,2-Dichlorobenzene	95-50-1	1.0	BDL
1,3-Dichlorobenzene	541-73-1	1.0	BDL
1,4-Dichlorobenzene	106-46-7	1.0	BDL
Ethylbenzene	100-41-4	1.0	BDL
Toluene	108-88-3	1.0	BDL
Xylene (Total)	1330-20-7	1.0	BDL
Surrogate Recovery:			
BFB			100%

BDL = Below Sample Detection Limit
SDL = Sample Detection Limit

COMMENTS: _____

COMPANY NAME: HydroLogic-Morris., Inc.
COMPANY PROJECT NUMBER: FRONT ROYAL/NELLO TEER #0013-94-012

HYDROLOGIC PROJECT NUMBER: FL952535
HYDROLOGIC SAMPLE NUMBER: 952541
HYDROLOGIC LAB I.D. #: 399
SAMPLE IDENTIFICATION: MW-25
DATE SAMPLED: 1/31/95
DATE EXTRACTED: N/A
DATE/TIME ANALYZED: 2/6/95

METHOD EPA 601

ANALYSIS	CAS NO.	SDL (ug/l)	RESULT (ug/l)
Bromodichloromethane	75-27-4	100	BDL
Bromoform	75-25-2	100	BDL
Bromomethane	74-83-9	100	BDL
Carbon Tetrachloride	56-23-5	100	BDL
Chlorobenzene	108-90-7	100	BDL
Chloroethane	75-00-3	100	BDL
2-Chloro Ethyl Vinyl Ether	110-75-8	100	BDL
Chloroform	67-66-3	100	BDL
Chloromethane	74-87-3	100	BDL
Dibromochloromethane	124-48-1	100	BDL
1,2-Dichlorobenzene	95-50-1	100	BDL
1,3-Dichlorobenzene	541-73-1	100	BDL
1,4-Dichlorobenzene	106-46-7	100	BDL
Dichlorofluoromethane	75-43-4	100	BDL
1,1-Dichloroethane	**75-34-3**	**100**	**690**
1,2-Dichloroethane	107-06-2	100	BDL
1,1-Dichloroethene	**75-35-4**	**100**	**770**
trans-1,2-Dichloroethene	156-60-5	100	BDL
1,2-Dichloropropane	78-87-5	100	BDL
cis-1,3-Dichloropropene	10061-01-5	100	BDL
trans-1,3-Dichloropropene	10061-02-6	100	BDL
Methylene Chloride	75-09-2	100	BDL
1,1,2,2-Tetrachloroethane	79-34-5	100	BDL
Tetrachloroethene	127-18-4	100	BDL
1,1,1-Trichloroethane	**71-55-6**	**100**	**1710**

COMPANY NAME: HydroLogic-Morris., Inc.
COMPANY PROJECT NUMBER: FRONT ROYAL/NELLO TEER #0013-94-012

HYDROLOGIC PROJECT NUMBER: FL952535
HYDROLOGIC SAMPLE NUMBER: 952541
SAMPLE IDENTIFICATION: MW-25
DATE SAMPLED: 1/31/95

METHOD EPA 601

ANALYSIS	CAS NO.	SDL (ug/l)	RESULT (ug/l)
1,1,2-Trichloroethane	79-00-5	100	BDL
Trichloroethene	**79-01-6**	**100**	**125**
Trichlorofluoromethane	75-69-4	100	BDL
Vinyl Chloride	75-01-4	100	BDL
cis-1,2-Dichloroethylene	**541-59-4**	**100**	**470**

SURROGATE RECOVERY:
BFB 117%

BDL = Below Sample Detection Limit
SDL = Sample Detection Limit

COMMENTS: DILUTION FACTOR X 100

COMPANY NAME: HydroLogic-Morris., Inc.
COMPANY PROJECT NUMBER: FRONT ROYAL/NELLO TEER #0013-94-012

HYDROLOGIC PROJECT NUMBER: FL952535
HYDROLOGIC SAMPLE NUMBER: 952541
HYDROLOGIC LAB I.D. #: 399
SAMPLE IDENTIFICATION: MW-25
DATE SAMPLED: 1/31/95
DATE EXTRACTED: 2/5/95
DATE/TIME ANALYZED: 2/9/95

METHOD 610 by 625

ANALYSIS	CAS NO.	SDL (ug/l)	RESULT (ug/l)
Naphthalene	91-20-3	2.0	BDL
Acenaphthylene	208-96-8	2.0	BDL
Acenaphthene	83-32-9	2.0	BDL
Fluorene	86-73-7	2.0	BDL
Phenanthrene	85-01-8	2.0	BDL
Anthracene	120-12-7	2.0	BDL
Fluoranthene	206-44-0	2.0	BDL
Pyrene	129-00-0	2.0	BDL
Benzo(a)anthracene	56-55-3	2.0	BDL
Chrysene	218-01-9	2.0	BDL
Benzo(b)fluoranthene	205-99-2	2.0	BDL
Benzo(k)fluoranthene	207-08-9	2.0	BDL
Benzo(a)pyrene	50-32-8	2.0	BDL
Indeno(1,2,3-cd)pyrene	193-39-5	2.0	BDL
Dibenz(a,h)anthracene	53-70-3	2.0	BDL
Benzo(g,h,i)perylene	191-24-2	2.0	BDL

BDL = Below Sample Detection Limit
SDL = Sample Detection Limit

COMMENTS: _____

COMPANY NAME: HydroLogic-Morris., Inc.
COMPANY PROJECT NUMBER: FRONT ROYAL/NELLO TEER #0013-94-012

HYDROLOGIC PROJECT NUMBER: FL952535
HYDROLOGIC SAMPLE NUMBER: 952541
HYDROLOGIC LAB I.D. #: 399
SAMPLE IDENTIFICATION: MW-25
DATE SAMPLED: 1/31/95
DATE EXTRACTED: N/A
DATE/TIME ANALYZED: 2/6/95

METHOD EPA 602

ANALYSIS	CAS NO.	SDL (ug/l)	RESULT (ug/l)
Benzene	71-43-2	100	BDL
Chlorobenzene	108-90-7	100	BDL
1,2-Dichlorobenzene	95-50-1	100	BDL
1,3-Dichlorobenzene	541-73-1	100	BDL
1,4-Dichlorobenzene	106-46-7	100	BDL
Ethylbenzene	100-41-4	100	BDL
Toluene	108-88-3	100	BDL
Xylene (Total)	1330-20-7	100	BDL
Surrogate Recovery:			
BFB			93%

BDL = Below Sample Detection Limit
SDL = Sample Detection Limit

COMMENTS: DILUTION FACTOR X 100

CHAIN OF CUSTODY

REPORT TO:
Front Royal
Attn. Chris Reinhardt

HydroLogic, Inc.
2500 Gateway Centre Blvd., Suite 900
Morrisville, NC 27560
800-241-4174
919-380-9699

PO # 41655

Method of Shipment:

F1952535

PAGE 1 OF 1

950382

CLIENT: Nello Teer
PHONE: (919) 469-9795
PROJ #: 0013-94-012 PO #: 41655
SAMPLER: David Kwiatkowski

PROJECT ID #:
REPORT DUE:
VERBAL FAX COPY HARD COPY

FIELD ID	SAMPLE MATRIX	TIME COLLECTED	DATE COLLECTED	601	602	610								REMARKS
MW-14I	Water	13:40	1-31-95	X	X	X								
MW-14S		13:45		X	X	X								
MW-17		13:55		X	X	X								TEMPERATURE BLANK 2.4 °C
MW-18		14:13		X	X	X								
MW-19		14:05		X	X	X								☑ RECD ON ICE
MW-24		14:30		X	X	X								☐ PRESERVED
MW-25		14:20		X	X	X								by:

RELINQUISHED BY: David P. Kwiatkowski	DATE / TIME: 1-31-95 15:30		RECEIVED BY:	DATE / TIME: 1-31-95	1530
RELINQUISHED BY:	DATE / TIME: 1-31-95	1805	RECEIVED BY:	DATE / TIME:	
RELINQUISHED BY:	DATE / TIME:		RECEIVED BY:	DATE / TIME:	
DISPATCHED BY:	DATE / TIME:		RECEIVED BY: J Ramsey	DATE / TIME: 2-1-95	11:00

H Y D R O L O G I C , I N C .

February 6, 1995

REPORTING:

HydroLogic-Morris., Inc.
2500 Gateway Centre
Suite #900
Morrisville, NC 27560

Attention: Pomeroy Smith

INVOICING:

HydroLogic-Morris., Inc.
2500 Gateway Centre
Suite #900
Morrisville, NC 27560

PROJECT NUMBER: **FL952354**

DATE COMPLETED: February 6, 1995
DATE RECEIVED: January 30, 1995

PROJECT DESCRIPTION:

Front Royal/Vello Teer #0013-94-012--12 water samples analyzed for 601/602/610.

Enclosed is the laboratory report for the project described above. If you have any questions or if we can be of further assistance, please feel free to contact Jamie Fore. We appreciate your business and look forward to serving you again soon.

Respectfully,

Benjamin Carl Esterle

Benjamin Carl Esterle
Laboratory Director

1491 Twilight Trail ☐ Frankfort, KY 40601 ☐ 502/223-0251 ☐ FAX 502/875-8016 ☐ Toll Free 1-800/728-2251

COMPANY NAME: HydroLogic-Morris., Inc.
COMPANY PROJECT NUMBER: FRONT ROYAL/VELLO TEER #0013-94-012

HYDROLOGIC PROJECT NUMBER: FL952354
HYDROLOGIC SAMPLE NUMBER: 952354
HYDROLOGIC LAB I.D. #: 399
SAMPLE IDENTIFICATION: MW-3
DATE SAMPLED: 1/26/95
DATE EXTRACTED: N/A
DATE/TIME ANALYZED: 2/1/95

METHOD EPA 601

ANALYSIS	CAS NO.	SDL (ug/l)	RESULT (ug/l)
Bromodichloromethane	75-27-4	1.0	BDL
Bromoform	75-25-2	1.0	BDL
Bromomethane	74-83-9	1.0	BDL
Carbon Tetrachloride	56-23-5	1.0	BDL
Chlorobenzene	108-90-7	1.0	BDL
Chloroethane	75-00-3	1.0	BDL
2-Chloro Ethyl Vinyl Ether	110-75-8	1.0	BDL
Chloroform	67-66-3	1.0	BDL
Chloromethane	74-87-3	1.0	BDL
Dibromochloromethane	124-48-1	1.0	BDL
1,2-Dichlorobenzene	95-50-1	1.0	BDL
1,3-Dichlorobenzene	541-73-1	1.0	BDL
1,4-Dichlorobenzene	106-46-7	1.0	BDL
Dichlorofluoromethane	75-43-4	1.0	BDL
1,1-Dichloroethane	75-34-3	1.0	BDL
1,2-Dichloroethane	107-06-2	1.0	BDL
1,1-Dichloroethene	75-35-4	1.0	BDL
trans-1,2-Dichloroethene	156-60-5	1.0	BDL
1,2-Dichloropropane	78-87-5	1.0	BDL
cis-1,3-Dichloropropene	10061-01-5	1.0	BDL
trans-1,3-Dichloropropene	10061-02-6	1.0	BDL
Methylene Chloride	75-09-2	1.0	BDL
1,1,2,2-Tetrachloroethane	79-34-5	1.0	BDL
Tetrachloroethene	127-18-4	1.0	BDL
1,1,1-Trichloroethane	71-55-6	1.0	BDL

COMPANY NAME: HydroLogic-Morris., Inc.
COMPANY PROJECT NUMBER: FRONT ROYAL/VELLO TEER #0013-94-012

HYDROLOGIC PROJECT NUMBER: FL952354
HYDROLOGIC SAMPLE NUMBER: 952354
SAMPLE IDENTIFICATION: MW-3
DATE SAMPLED: 1/26/95

METHOD EPA 601

ANALYSIS	CAS NO.	SDL (ug/l)	RESULT (ug/l)
1,1,2-Trichloroethane	79-00-5	1.0	BDL
Trichloroethene	79-01-6	1.0	BDL
Trichlorofluoromethane	75-69-4	1.0	BDL
Vinyl Chloride	75-01-4	1.0	BDL
cis-1,2-Dichloroethylene	541-59-4	1.0	BDL
SURROGATE RECOVERY:			
BFB			79%

BDL = Below Sample Detection Limit
SDL = Sample Detection Limit

COMMENTS: _____

H Y D R O L O G I C , I N C .

COMPANY NAME: HydroLogic-Morris., Inc.
COMPANY PROJECT NUMBER: FRONT ROYAL/VELLO TEER #0013-94-012

HYDROLOGIC PROJECT NUMBER: FL952354
HYDROLOGIC SAMPLE NUMBER: 952354
HYDROLOGIC LAB I.D. #: 399
SAMPLE IDENTIFICATION: MW-3
DATE SAMPLED: 1/26/95
DATE EXTRACTED: N/A
DATE/TIME ANALYZED: 2/1/95

METHOD EPA 602

ANALYSIS	CAS NO.	SDL (ug/l)	RESULT (ug/l)
Benzene	71-43-2	1.0	BDL
Chlorobenzene	108-90-7	1.0	BDL
1,2-Dichlorobenzene	95-50-1	1.0	BDL
1,3-Dichlorobenzene	541-73-1	1.0	BDL
1,4-Dichlorobenzene	106-46-7	1.0	BDL
Ethylbenzene	100-41-4	1.0	BDL
Toluene	108-88-3	1.0	BDL
Xylene (Total)	1330-20-7	1.0	BDL
Surrogate Recovery:			
BFB			96%

BDL = Below Sample Detection Limit
SDL = Sample Detection Limit

COMMENTS: _____

1491 Twilight Trail ☐ Frankfort, KY 40601 ☐ 502/223-0251 ☐ FAX 502/875-8016 ☐ Toll Free 1-800/728-2251

COMPANY NAME: HydroLogic-Morris., Inc.
COMPANY PROJECT NUMBER: FRONT ROYAL/VELLO TEER #0013-94-012

HYDROLOGIC PROJECT NUMBER: FL952354
HYDROLOGIC SAMPLE NUMBER: 952354
HYDROLOGIC LAB I.D. #: 399
SAMPLE IDENTIFICATION: MW-3
DATE SAMPLED: 1/26/95
DATE EXTRACTED: 2/1/95
DATE/TIME ANALYZED: 2/5/95

METHOD 610 by 625

ANALYSIS	CAS NO.	SDL (ug/l)	RESULT (ug/l)
Naphthalene	91-20-3	2.0	BDL
Acenaphthylene	208-96-8	2.0	BDL
Acenaphthene	83-32-9	2.0	BDL
Fluorene	86-73-7	2.0	BDL
Phenanthrene	85-01-8	2.0	BDL
Anthracene	120-12-7	2.0	BDL
Fluoranthene	206-44-0	2.0	BDL
Pyrene	129-00-0	2.0	BDL
Benzo(a)anthracene	56-55-3	2.0	BDL
Chrysene	218-01-9	2.0	BDL
Benzo(b)fluoranthene	205-99-2	2.0	BDL
Benzo(k)fluoranthene	207-08-9	2.0	BDL
Benzo(a)pyrene	50-32-8	2.0	BDL
Indeno(1,2,3-cd)pyrene	193-39-5	2.0	BDL
Dibenz(a,h)anthracene	53-70-3	2.0	BDL
Benzo(g,h,i)perylene	191-24-2	2.0	BDL

BDL = Below Sample Detection Limit
SDL = Sample Detection Limit

COMMENTS: _____

COMPANY NAME: HydroLogic-Morris., Inc.
COMPANY PROJECT NUMBER: FRONT ROYAL/VELLO TEER #0013-94-012

HYDROLOGIC PROJECT NUMBER: FL952354
HYDROLOGIC SAMPLE NUMBER: 952355
HYDROLOGIC LAB I.D. #: 399
SAMPLE IDENTIFICATION: MW-20D
DATE SAMPLED: 1/26/95
DATE EXTRACTED: N/A
DATE/TIME ANALYZED: 2/1/95

METHOD EPA 601

ANALYSIS	CAS NO.	SDL (ug/l)	RESULT (ug/l)
Bromodichloromethane	75-27-4	10.0	BDL
Bromoform	75-25-2	10.0	BDL
Bromomethane	74-83-9	10.0	BDL
Carbon Tetrachloride	56-23-5	10.0	BDL
Chlorobenzene	108-90-7	10.0	BDL
Chloroethane	75-00-3	10.0	BDL
2-Chloro Ethyl Vinyl Ether	110-75-8	10.0	BDL
Chloroform	67-66-3	10.0	BDL
Chloromethane	74-87-3	10.0	BDL
Dibromochloromethane	124-48-1	10.0	BDL
1,2-Dichlorobenzene	95-50-1	10.0	BDL
1,3-Dichlorobenzene	541-73-1	10.0	BDL
1,4-Dichlorobenzene	106-46-7	10.0	BDL
Dichlorofluoromethane	75-43-4	10.0	BDL
1,1-Dichloroethane	75-34-3	10.0	BDL
1,2-Dichloroethane	107-06-2	10.0	BDL
1,1-Dichloroethene	75-35-4	10.0	BDL
trans-1,2-Dichloroethene	156-60-5	10.0	BDL
1,2-Dichloropropane	78-87-5	10.0	BDL
cis-1,3-Dichloropropene	10061-01-5	10.0	BDL
trans-1,3-Dichloropropene	10061-02-6	10.0	BDL
Methylene Chloride	75-09-2	10.0	BDL
1,1,2,2-Tetrachloroethane	79-34-5	10.0	BDL
Tetrachloroethene	127-18-4	10.0	BDL
1,1,1-Trichloroethane	71-55-6	10.0	BDL

COMPANY NAME: HydroLogic-Morris., Inc.
COMPANY PROJECT NUMBER: FRONT ROYAL/VELLO TEER #0013-94-012

HYDROLOGIC PROJECT NUMBER: FL952354
HYDROLOGIC SAMPLE NUMBER: 952355
SAMPLE IDENTIFICATION: MW-20D
DATE SAMPLED: 1/26/95

METHOD EPA 601

ANALYSIS	CAS NO.	SDL (ug/l)	RESULT (ug/l)
1,1,2-Trichloroethane	79-00-5	10.0	BDL
Trichloroethene	79-01-6	10.0	BDL
Trichlorofluoromethane	75-69-4	10.0	BDL
Vinyl Chloride	75-01-4	10.0	BDL
cis-1,2-Dichloroethylene	541-59-4	10.0	BDL

SURROGATE RECOVERY:
BFB 89%

BDL = Below Sample Detection Limit
SDL = Sample Detection Limit

COMMENTS: DILUTION FACTOR X 10

COMPANY NAME: HydroLogic-Morris., Inc.
COMPANY PROJECT NUMBER: FRONT ROYAL/VELLO TEER #0013-94-012

HYDROLOGIC PROJECT NUMBER: FL952354
HYDROLOGIC SAMPLE NUMBER: 952355
HYDROLOGIC LAB I.D. #: 399
SAMPLE IDENTIFICATION: MW-20D
DATE SAMPLED: 1/26/95
DATE EXTRACTED: N/A
DATE/TIME ANALYZED: 2/1/95

METHOD EPA 602

ANALYSIS	CAS NO.	SDL (ug/l)	RESULT (ug/l)
Benzene	**71-43-2**	**10.0**	**22.0**
Chlorobenzene	108-90-7	10.0	BDL
1,2-Dichlorobenzene	95-50-1	10.0	BDL
1,3-Dichlorobenzene	541-73-1	10.0	BDL
1,4-Dichlorobenzene	106-46-7	10.0	BDL
Ethylbenzene	100-41-4	10.0	BDL
Toluene	108-88-3	10.0	BDL
Xylene (Total)	1330-20-7	10.0	BDL
Surrogate Recovery:			
BFB			93%

BDL = Below Sample Detection Limit
SDL = Sample Detection Limit

COMMENTS: DILUTION FACTOR X 10

COMPANY NAME: HydroLogic-Morris., Inc.
COMPANY PROJECT NUMBER: FRONT ROYAL/VELLO TEER #0013-94-012

HYDROLOGIC PROJECT NUMBER: FL952354
HYDROLOGIC SAMPLE NUMBER: 952355
HYDROLOGIC LAB I.D. #: 399
SAMPLE IDENTIFICATION: MW-20D
DATE SAMPLED: 1/26/95
DATE EXTRACTED: 2/1/95
DATE/TIME ANALYZED: 2/5/95

METHOD 610 by 625

ANALYSIS	CAS NO.	SDL (ug/l)	RESULT (ug/l)
Naphthalene	91-20-3	2.0	BDL
Acenaphthylene	208-96-8	2.0	BDL
Acenaphthene	83-32-9	2.0	BDL
Fluorene	86-73-7	2.0	BDL
Phenanthrene	85-01-8	2.0	BDL
Anthracene	120-12-7	2.0	BDL
Fluoranthene	206-44-0	2.0	BDL
Pyrene	129-00-0	2.0	BDL
Benzo(a)anthracene	56-55-3	2.0	BDL
Chrysene	218-01-9	2.0	BDL
Benzo(b)fluoranthene	205-99-2	2.0	BDL
Benzo(k)fluoranthene	207-08-9	2.0	BDL
Benzo(a)pyrene	50-32-8	2.0	BDL
Indeno(1,2,3-cd)pyrene	193-39-5	2.0	BDL
Dibenz(a,h)anthracene	53-70-3	2.0	BDL
Benzo(g,h,i)perylene	191-24-2	2.0	BDL

BDL = Below Sample Detection Limit
SDL = Sample Detection Limit

COMMENTS: _____

COMPANY NAME: HydroLogic-Morris., Inc.
COMPANY PROJECT NUMBER: FRONT ROYAL/VELLO TEER #0013-94-012

HYDROLOGIC PROJECT NUMBER: FL952354
HYDROLOGIC SAMPLE NUMBER: 952356
HYDROLOGIC LAB I.D. #: 399
SAMPLE IDENTIFICATION: MW-13
DATE SAMPLED: 1/26/95
DATE EXTRACTED: N/A
DATE/TIME ANALYZED: 2/1/95

METHOD EPA 601

ANALYSIS	CAS NO.	SDL (ug/l)	RESULT (ug/l)
Bromodichloromethane	75-27-4	1.0	BDL
Bromoform	75-25-2	1.0	BDL
Bromomethane	74-83-9	1.0	BDL
Carbon Tetrachloride	56-23-5	1.0	BDL
Chlorobenzene	108-90-7	1.0	BDL
Chloroethane	75-00-3	1.0	BDL
2-Chloro Ethyl Vinyl Ether	110-75-8	1.0	BDL
Chloroform	67-66-3	1.0	BDL
Chloromethane	74-87-3	1.0	BDL
Dibromochloromethane	124-48-1	1.0	BDL
1,2-Dichlorobenzene	95-50-1	1.0	BDL
1,3-Dichlorobenzene	541-73-1	1.0	BDL
1,4-Dichlorobenzene	106-46-7	1.0	BDL
Dichlorofluoromethane	75-43-4	1.0	BDL
1,1-Dichloroethane	**75-34-3**	**1.0**	**7.9**
1,2-Dichloroethane	107-06-2	1.0	BDL
1,1-Dichloroethene	75-35-4	1.0	BDL
trans-1,2-Dichloroethene	156-60-5	1.0	BDL
1,2-Dichloropropane	78-87-5	1.0	BDL
cis-1,3-Dichloropropene	10061-01-5	1.0	BDL
trans-1,3-Dichloropropene	10061-02-6	1.0	BDL
Methylene Chloride	75-09-2	1.0	BDL
1,1,2,2-Tetrachloroethane	79-34-5	1.0	BDL
Tetrachloroethene	127-18-4	1.0	BDL
1,1,1-Trichloroethane	71-55-6	1.0	BDL

COMPANY NAME: HydroLogic-Morris., Inc.
COMPANY PROJECT NUMBER: FRONT ROYAL/VELLO TEER #0013-94-012

HYDROLOGIC PROJECT NUMBER: FL952354
HYDROLOGIC SAMPLE NUMBER: 952356
SAMPLE IDENTIFICATION: MW-13
DATE SAMPLED: 1/26/95

METHOD EPA 601

ANALYSIS	CAS NO.	SDL (ug/l)	RESULT (ug/l)
1,1,2-Trichloroethane	79-00-5	1.0	BDL
Trichloroethene	79-01-6	1.0	BDL
Trichlorofluoromethane	75-69-4	1.0	BDL
Vinyl Chloride	75-01-4	1.0	BDL
cis-1,2-Dichloroethylene	541-59-4	1.0	BDL
SURROGATE RECOVERY:			
BFB			90%

BDL = Below Sample Detection Limit
SDL = Sample Detection Limit

COMMENTS: _____

COMPANY NAME: HydroLogic-Morris., Inc.
COMPANY PROJECT NUMBER: FRONT ROYAL/VELLO TEER #0013-94-012

HYDROLOGIC PROJECT NUMBER: FL952354
HYDROLOGIC SAMPLE NUMBER: 952356
HYDROLOGIC LAB I.D. #: 399
SAMPLE IDENTIFICATION: MW-13
DATE SAMPLED: 1/26/95
DATE EXTRACTED: N/A
DATE/TIME ANALYZED: 2/1/95

METHOD EPA 602

ANALYSIS	CAS NO.	SDL (ug/l)	RESULT (ug/l)
Benzene	71-43-2	1.0	BDL
Chlorobenzene	108-90-7	1.0	BDL
1,2-Dichlorobenzene	95-50-1	1.0	BDL
1,3-Dichlorobenzene	541-73-1	1.0	BDL
1,4-Dichlorobenzene	106-46-7	1.0	BDL
Ethylbenzene	100-41-4	1.0	BDL
Toluene	108-88-3	1.0	BDL
Xylene (Total)	1330-20-7	1.0	BDL
Surrogate Recovery:			
BFB			90%

BDL = Below Sample Detection Limit
SDL = Sample Detection Limit

COMMENTS: _____

COMPANY NAME: HydroLogic-Morris., Inc.
COMPANY PROJECT NUMBER: FRONT ROYAL/VELLO TEER #0013-94-012

HYDROLOGIC PROJECT NUMBER: FL952354
HYDROLOGIC SAMPLE NUMBER: 952356
HYDROLOGIC LAB I.D. #: 399
SAMPLE IDENTIFICATION: MW-13
DATE SAMPLED: 1/26/95
DATE EXTRACTED: 2/1/95
DATE/TIME ANALYZED: 2/5/95

METHOD 610 by 625

ANALYSIS	CAS NO.	SDL (ug/l)	RESULT (ug/l)
Naphthalene	91-20-3	2.0	BDL
Acenaphthylene	208-96-8	2.0	BDL
Acenaphthene	83-32-9	2.0	BDL
Fluorene	86-73-7	2.0	BDL
Phenanthrene	85-01-8	2.0	BDL
Anthracene	120-12-7	2.0	BDL
Fluoranthene	206-44-0	2.0	BDL
Pyrene	129-00-0	2.0	BDL
Benzo(a)anthracene	56-55-3	2.0	BDL
Chrysene	218-01-9	2.0	BDL
Benzo(b)fluoranthene	205-99-2	2.0	BDL
Benzo(k)fluoranthene	207-08-9	2.0	BDL
Benzo(a)pyrene	50-32-8	2.0	BDL
Indeno(1,2,3-cd)pyrene	193-39-5	2.0	BDL
Dibenz(a,h)anthracene	53-70-3	2.0	BDL
Benzo(g,h,i)perylene	191-24-2	2.0	BDL

BDL = Below Sample Detection Limit
SDL = Sample Detection Limit

COMMENTS: _____

COMPANY NAME: HydroLogic-Morris., Inc.
COMPANY PROJECT NUMBER: FRONT ROYAL/VELLO TEER #0013-94-012

HYDROLOGIC PROJECT NUMBER: FL952354
HYDROLOGIC SAMPLE NUMBER: 952357
HYDROLOGIC LAB I.D. #: 399
SAMPLE IDENTIFICATION: MW-23
DATE SAMPLED: 1/26/95
DATE EXTRACTED: N/A
DATE/TIME ANALYZED: 2/2/95

METHOD EPA 601

ANALYSIS	CAS NO.	SDL (ug/l)	RESULT (ug/l)
Bromodichloromethane	75-27-4	10.0	BDL
Bromoform	75-25-2	10.0	BDL
Bromomethane	74-83-9	10.0	BDL
Carbon Tetrachloride	56-23-5	10.0	BDL
Chlorobenzene	108-90-7	10.0	BDL
Chloroethane	75-00-3	10.0	BDL
2-Chloro Ethyl Vinyl Ether	110-75-8	10.0	BDL
Chloroform	67-66-3	10.0	BDL
Chloromethane	74-87-3	10.0	BDL
Dibromochloromethane	124-48-1	10.0	BDL
1,2-Dichlorobenzene	95-50-1	10.0	BDL
1,3-Dichlorobenzene	541-73-1	10.0	BDL
1,4-Dichlorobenzene	106-46-7	10.0	BDL
Dichlorofluoromethane	75-43-4	10.0	BDL
1,1-Dichloroethane	75-34-3	10.0	BDL
1,2-Dichloroethane	107-06-2	10.0	BDL
1,1-Dichloroethene	75-35-4	10.0	BDL
trans-1,2-Dichloroethene	156-60-5	10.0	BDL
1,2-Dichloropropane	78-87-5	10.0	BDL
cis-1,3-Dichloropropene	10061-01-5	10.0	BDL
trans-1,3-Dichloropropene	10061-02-6	10.0	BDL
Methylene Chloride	75-09-2	10.0	BDL
1,1,2,2-Tetrachloroethane	79-34-5	10.0	BDL
Tetrachloroethene	127-18-4	10.0	BDL
1,1,1-Trichloroethane	71-55-6	10.0	BDL

COMPANY NAME: HydroLogic-Morris., Inc.
COMPANY PROJECT NUMBER: FRONT ROYAL/VELLO TEER #0013-94-012

HYDROLOGIC PROJECT NUMBER: FL952354
HYDROLOGIC SAMPLE NUMBER: 952357
SAMPLE IDENTIFICATION: MW-23
DATE SAMPLED: 1/26/95

METHOD EPA 601

ANALYSIS	CAS NO.	SDL (ug/l)	RESULT (ug/l)
1,1,2-Trichloroethane	79-00-5	10.0	BDL
Trichloroethene	79-01-6	10.0	BDL
Trichlorofluoromethane	75-69-4	10.0	BDL
Vinyl Chloride	75-01-4	10.0	BDL
cis-1,2-Dichloroethylene	541-59-4	10.0	BDL
SURROGATE RECOVERY:			
BFB			91%

BDL = Below Sample Detection Limit
SDL = Sample Detection Limit

COMMENTS: DILUTION FACTOR X 10

COMPANY NAME: HydroLogic-Morris., Inc.
COMPANY PROJECT NUMBER: FRONT ROYAL/VELLO TEER #0013-94-012

HYDROLOGIC PROJECT NUMBER: FL952354
HYDROLOGIC SAMPLE NUMBER: 952357
HYDROLOGIC LAB I.D. #: 399
SAMPLE IDENTIFICATION: MW-23
DATE SAMPLED: 1/26/95
DATE EXTRACTED: N/A
DATE/TIME ANALYZED: 2/2/95

METHOD EPA 602

ANALYSIS	CAS NO.	SDL (ug/l)	RESULT (ug/l)
Benzene	**71-43-2**	**10.0**	**36.0**
Chlorobenzene	108-90-7	10.0	BDL
1,2-Dichlorobenzene	95-50-1	10.0	BDL
1,3-Dichlorobenzene	541-73-1	10.0	BDL
1,4-Dichlorobenzene	106-46-7	10.0	BDL
Ethylbenzene	**100-41-4**	**10.0**	**14.0**
Toluene	108-88-3	10.0	BDL
Xylene (Total)	**1330-20-7**	**10.0**	**40.0**
Surrogate Recovery:			
BFB			99%

BDL = Below Sample Detection Limit
SDL = Sample Detection Limit

COMMENTS: DILUTION FACTOR X 10

COMPANY NAME: HydroLogic-Morris., Inc.
COMPANY PROJECT NUMBER: FRONT ROYAL/VELLO TEER #0013-94-012

HYDROLOGIC PROJECT NUMBER: FL952354
HYDROLOGIC SAMPLE NUMBER: 952357
HYDROLOGIC LAB I.D. #: 399
SAMPLE IDENTIFICATION: MW-23
DATE SAMPLED: 1/26/95
DATE EXTRACTED: 2/1/95
DATE/TIME ANALYZED: 2/5/95

METHOD 610 by 625

ANALYSIS	CAS NO.	SDL (ug/l)	RESULT (ug/l)
Naphthalene	**91-20-3**	**2.0**	**42.5**
Acenaphthylene	208-96-8	2.0	BDL
Acenaphthene	83-32-9	2.0	BDL
Fluorene	86-73-7	2.0	BDL
Phenanthrene	85-01-8	2.0	BDL
Anthracene	120-12-7	2.0	BDL
Fluoranthene	206-44-0	2.0	BDL
Pyrene	129-00-0	2.0	BDL
Benzo(a)anthracene	56-55-3	2.0	BDL
Chrysene	218-01-9	2.0	BDL
Benzo(b)fluoranthene	205-99-2	2.0	BDL
Benzo(k)fluoranthene	207-08-9	2.0	BDL
Benzo(a)pyrene	50-32-8	2.0	BDL
Indeno(1,2,3-cd)pyrene	193-39-5	2.0	BDL
Dibenz(a,h)anthracene	53-70-3	2.0	BDL
Benzo(g,h,i)perylene	191-24-2	2.0	BDL

BDL = Below Sample Detection Limit
SDL = Sample Detection Limit

COMMENTS: _____

COMPANY NAME: HydroLogic-Morris., Inc.
COMPANY PROJECT NUMBER: FRONT ROYAL/VELLO TEER #0013-94-012

HYDROLOGIC PROJECT NUMBER: FL952354
HYDROLOGIC SAMPLE NUMBER: 952358
HYDROLOGIC LAB I.D. #: 399
SAMPLE IDENTIFICATION: MW-21
DATE SAMPLED: 1/26/95
DATE EXTRACTED: N/A
DATE/TIME ANALYZED: 2/1/95

METHOD EPA 601

ANALYSIS	CAS NO.	SDL (ug/l)	RESULT (ug/l)
Bromodichloromethane	75-27-4	1.0	BDL
Bromoform	75-25-2	1.0	BDL
Bromomethane	74-83-9	1.0	BDL
Carbon Tetrachloride	56-23-5	1.0	BDL
Chlorobenzene	108-90-7	1.0	BDL
Chloroethane	75-00-3	1.0	BDL
2-Chloro Ethyl Vinyl Ether	110-75-8	1.0	BDL
Chloroform	67-66-3	1.0	BDL
Chloromethane	74-87-3	1.0	BDL
Dibromochloromethane	124-48-1	1.0	BDL
1,2-Dichlorobenzene	95-50-1	1.0	BDL
1,3-Dichlorobenzene	541-73-1	1.0	BDL
1,4-Dichlorobenzene	106-46-7	1.0	BDL
Dichlorofluoromethane	75-43-4	1.0	BDL
1,1-Dichloroethane	75-34-3	1.0	BDL
1,2-Dichloroethane	107-06-2	1.0	BDL
1,1-Dichloroethene	75-35-4	1.0	BDL
trans-1,2-Dichloroethene	156-60-5	1.0	BDL
1,2-Dichloropropane	78-87-5	1.0	BDL
cis-1,3-Dichloropropene	10061-01-5	1.0	BDL
trans-1,3-Dichloropropene	10061-02-6	1.0	BDL
Methylene Chloride	75-09-2	1.0	BDL
1,1,2,2-Tetrachloroethane	79-34-5	1.0	BDL
Tetrachloroethene	127-18-4	1.0	BDL
1,1,1-Trichloroethane	71-55-6	1.0	BDL

COMPANY NAME: HydroLogic-Morris., Inc.
COMPANY PROJECT NUMBER: FRONT ROYAL/VELLO TEER #0013-94-012

HYDROLOGIC PROJECT NUMBER: FL952354
HYDROLOGIC SAMPLE NUMBER: 952358
SAMPLE IDENTIFICATION: MW-21
DATE SAMPLED: 1/26/95

METHOD EPA 601

ANALYSIS	CAS NO.	SDL (ug/l)	RESULT (ug/l)
1,1,2-Trichloroethane	79-00-5	1.0	BDL
Trichloroethene	79-01-6	1.0	BDL
Trichlorofluoromethane	75-69-4	1.0	BDL
Vinyl Chloride	75-01-4	1.0	BDL
cis-1,2-Dichloroethylene	541-59-4	1.0	BDL
SURROGATE RECOVERY:			
BFB			119%

BDL = Below Sample Detection Limit
SDL = Sample Detection Limit

COMMENTS: _____

COMPANY NAME: HydroLogic-Morris., Inc.
COMPANY PROJECT NUMBER: FRONT ROYAL/VELLO TEER #0013-94-012

HYDROLOGIC PROJECT NUMBER: FL952354
HYDROLOGIC SAMPLE NUMBER: 952358
HYDROLOGIC LAB I.D. #: 399
SAMPLE IDENTIFICATION: MW-21
DATE SAMPLED: 1/26/95
DATE EXTRACTED: N/A
DATE/TIME ANALYZED: 2/1/95

METHOD EPA 602

ANALYSIS	CAS NO.	SDL (ug/l)	RESULT (ug/l)
Benzene	71-43-2	1.0	BDL
Chlorobenzene	108-90-7	1.0	BDL
1,2-Dichlorobenzene	95-50-1	1.0	BDL
1,3-Dichlorobenzene	541-73-1	1.0	BDL
1,4-Dichlorobenzene	106-46-7	1.0	BDL
Ethylbenzene	100-41-4	1.0	BDL
Toluene	108-88-3	1.0	BDL
Xylene (Total)	1330-20-7	1.0	BDL
Surrogate Recovery:			
BFB			84%

BDL = Below Sample Detection Limit
SDL = Sample Detection Limit

COMMENTS: _____

COMPANY NAME: HydroLogic-Morris., Inc.
COMPANY PROJECT NUMBER: FRONT ROYAL/VELLO TEER #0013-94-012

HYDROLOGIC PROJECT NUMBER: FL952354
HYDROLOGIC SAMPLE NUMBER: 952358
HYDROLOGIC LAB I.D. #: 399
SAMPLE IDENTIFICATION: MW-21
DATE SAMPLED: 1/26/95
DATE EXTRACTED: 2/1/95
DATE/TIME ANALYZED: 2/5/95

METHOD 610 by 625

ANALYSIS	CAS NO.	SDL (ug/l)	RESULT (ug/l)
Naphthalene	91-20-3	2.0	BDL
Acenaphthylene	208-96-8	2.0	BDL
Acenaphthene	83-32-9	2.0	BDL
Fluorene	86-73-7	2.0	BDL
Phenanthrene	85-01-8	2.0	BDL
Anthracene	120-12-7	2.0	BDL
Fluoranthene	206-44-0	2.0	BDL
Pyrene	129-00-0	2.0	BDL
Benzo(a)anthracene	56-55-3	2.0	BDL
Chrysene	218-01-9	2.0	BDL
Benzo(b)fluoranthene	205-99-2	2.0	BDL
Benzo(k)fluoranthene	207-08-9	2.0	BDL
Benzo(a)pyrene	50-32-8	2.0	BDL
Indeno(1,2,3-cd)pyrene	193-39-5	2.0	BDL
Dibenz(a,h)anthracene	53-70-3	2.0	BDL
Benzo(g,h,i)perylene	191-24-2	2.0	BDL

BDL = Below Sample Detection Limit
SDL = Sample Detection Limit

COMMENTS: _____

COMPANY NAME: HydroLogic-Morris., Inc.
COMPANY PROJECT NUMBER: FRONT ROYAL/VELLO TEER #0013-94-012

HYDROLOGIC PROJECT NUMBER: FL952354
HYDROLOGIC SAMPLE NUMBER: 952359
HYDROLOGIC LAB I.D. #: 399
SAMPLE IDENTIFICATION: MW-1
DATE SAMPLED: 1/26/95
DATE EXTRACTED: N/A
DATE/TIME ANALYZED: 2/1/95

METHOD EPA 601

ANALYSIS	CAS NO.	SDL (ug/l)	RESULT (ug/l)
Bromodichloromethane	75-27-4	1.0	BDL
Bromoform	75-25-2	1.0	BDL
Bromomethane	74-83-9	1.0	BDL
Carbon Tetrachloride	56-23-5	1.0	BDL
Chlorobenzene	108-90-7	1.0	BDL
Chloroethane	75-00-3	1.0	BDL
2-Chloro Ethyl Vinyl Ether	110-75-8	1.0	BDL
Chloroform	67-66-3	1.0	BDL
Chloromethane	74-87-3	1.0	BDL
Dibromochloromethane	124-48-1	1.0	BDL
1,2-Dichlorobenzene	95-50-1	1.0	BDL
1,3-Dichlorobenzene	541-73-1	1.0	BDL
1,4-Dichlorobenzene	106-46-7	1.0	BDL
Dichlorofluoromethane	75-43-4	1.0	BDL
1,1-Dichloroethane	75-34-3	1.0	BDL
1,2-Dichloroethane	107-06-2	1.0	BDL
1,1-Dichloroethene	75-35-4	1.0	BDL
trans-1,2-Dichloroethene	156-60-5	1.0	BDL
1,2-Dichloropropane	78-87-5	1.0	BDL
cis-1,3-Dichloropropene	10061-01-5	1.0	BDL
trans-1,3-Dichloropropene	10061-02-6	1.0	BDL
Methylene Chloride	75-09-2	1.0	BDL
1,1,2,2-Tetrachloroethane	79-34-5	1.0	BDL
Tetrachloroethene	127-18-4	1.0	BDL
1,1,1-Trichloroethane	71-55-6	1.0	BDL

COMPANY NAME: HydroLogic-Morris., Inc.
COMPANY PROJECT NUMBER: FRONT ROYAL/VELLO TEER #0013-94-012

HYDROLOGIC PROJECT NUMBER: FL952354
HYDROLOGIC SAMPLE NUMBER: 952359
SAMPLE IDENTIFICATION: MW-1
DATE SAMPLED: 1/26/95

METHOD EPA 601

ANALYSIS	CAS NO.	SDL (ug/l)	RESULT (ug/l)
1,1,2-Trichloroethane	79-00-5	1.0	BDL
Trichloroethene	79-01-6	1.0	BDL
Trichlorofluoromethane	75-69-4	1.0	BDL
Vinyl Chloride	75-01-4	1.0	BDL
cis-1,2-Dichloroethylene	541-59-4	1.0	BDL
SURROGATE RECOVERY:			
BFB			93%

BDL = Below Sample Detection Limit
SDL = Sample Detection Limit

COMMENTS: _____

COMPANY NAME: HydroLogic-Morris., Inc.
COMPANY PROJECT NUMBER: FRONT ROYAL/VELLO TEER #0013-94-012

HYDROLOGIC PROJECT NUMBER: FL952354
HYDROLOGIC SAMPLE NUMBER: 952359
HYDROLOGIC LAB I.D. #: 399
SAMPLE IDENTIFICATION: MW-1
DATE SAMPLED: 1/26/95
DATE EXTRACTED: N/A
DATE/TIME ANALYZED: 2/1/95

METHOD EPA 602

ANALYSIS	CAS NO.	SDL (ug/l)	RESULT (ug/l)
Benzene	71-43-2	1.0	BDL
Chlorobenzene	108-90-7	1.0	BDL
1,2-Dichlorobenzene	95-50-1	1.0	BDL
1,3-Dichlorobenzene	541-73-1	1.0	BDL
1,4-Dichlorobenzene	106-46-7	1.0	BDL
Ethylbenzene	100-41-4	1.0	BDL
Toluene	108-88-3	1.0	BDL
Xylene (Total)	1330-20-7	1.0	BDL
Surrogate Recovery:			
BFB			82%

BDL = Below Sample Detection Limit
SDL = Sample Detection Limit

COMMENTS: _____

COMPANY NAME: HydroLogic-Morris., Inc.
COMPANY PROJECT NUMBER: FRONT ROYAL/VELLO TEER #0013-94-012

HYDROLOGIC PROJECT NUMBER: FL952354
HYDROLOGIC SAMPLE NUMBER: 952359
HYDROLOGIC LAB I.D. #: 399
SAMPLE IDENTIFICATION: MW-1
DATE SAMPLED: 1/26/95
DATE EXTRACTED: 2/1/95
DATE/TIME ANALYZED: 2/5/95

METHOD 610 by 625

ANALYSIS	CAS NO.	SDL (ug/l)	RESULT (ug/l)
Naphthalene	91-20-3	2.0	BDL
Acenaphthylene	208-96-8	2.0	BDL
Acenaphthene	83-32-9	2.0	BDL
Fluorene	86-73-7	2.0	BDL
Phenanthrene	85-01-8	2.0	BDL
Anthracene	120-12-7	2.0	BDL
Fluoranthene	206-44-0	2.0	BDL
Pyrene	129-00-0	2.0	BDL
Benzo(a)anthracene	56-55-3	2.0	BDL
Chrysene	218-01-9	2.0	BDL
Benzo(b)fluoranthene	205-99-2	2.0	BDL
Benzo(k)fluoranthene	207-08-9	2.0	BDL
Benzo(a)pyrene	50-32-8	2.0	BDL
Indeno(1,2,3-cd)pyrene	193-39-5	2.0	BDL
Dibenz(a,h)anthracene	53-70-3	2.0	BDL
Benzo(g,h,i)perylene	191-24-2	2.0	BDL

BDL = Below Sample Detection Limit
SDL = Sample Detection Limit

COMMENTS: _____

COMPANY NAME: HydroLogic-Morris., Inc.
COMPANY PROJECT NUMBER: FRONT ROYAL/VELLO TEER #0013-94-012

HYDROLOGIC PROJECT NUMBER: FL952354
HYDROLOGIC SAMPLE NUMBER: 952360
HYDROLOGIC LAB I.D. #: 399
SAMPLE IDENTIFICATION: MW-7
DATE SAMPLED: 1/26/95
DATE EXTRACTED: N/A
DATE/TIME ANALYZED: 2/1/95

METHOD EPA 601

ANALYSIS	CAS NO.	SDL (ug/l)	RESULT (ug/l)
Bromodichloromethane	75-27-4	1.0	BDL
Bromoform	75-25-2	1.0	BDL
Bromomethane	74-83-9	1.0	BDL
Carbon Tetrachloride	56-23-5	1.0	BDL
Chlorobenzene	108-90-7	1.0	BDL
Chloroethane	75-00-3	1.0	BDL
2-Chloro Ethyl Vinyl Ether	110-75-8	1.0	BDL
Chloroform	67-66-3	1.0	BDL
Chloromethane	74-87-3	1.0	BDL
Dibromochloromethane	124-48-1	1.0	BDL
1,2-Dichlorobenzene	95-50-1	1.0	BDL
1,3-Dichlorobenzene	541-73-1	1.0	BDL
1,4-Dichlorobenzene	106-46-7	1.0	BDL
Dichlorofluoromethane	75-43-4	1.0	BDL
1,1-Dichloroethane	75-34-3	1.0	BDL
1,2-Dichloroethane	107-06-2	1.0	BDL
1,1-Dichloroethene	75-35-4	1.0	BDL
trans-1,2-Dichloroethene	156-60-5	1.0	BDL
1,2-Dichloropropane	78-87-5	1.0	BDL
cis-1,3-Dichloropropene	10061-01-5	1.0	BDL
trans-1,3-Dichloropropene	10061-02-6	1.0	BDL
Methylene Chloride	75-09-2	1.0	BDL
1,1,2,2-Tetrachloroethane	79-34-5	1.0	BDL
Tetrachloroethene	127-18-4	1.0	BDL
1,1,1-Trichloroethane	71-55-6	1.0	BDL

COMPANY NAME: HydroLogic-Morris., Inc.
COMPANY PROJECT NUMBER: FRONT ROYAL/VELLO TEER #0013-94-012

HYDROLOGIC PROJECT NUMBER: FL952354
HYDROLOGIC SAMPLE NUMBER: 952360
SAMPLE IDENTIFICATION: MW-7
DATE SAMPLED: 1/26/95

METHOD EPA 601

ANALYSIS	CAS NO.	SDL (ug/l)	RESULT (ug/l)
1,1,2-Trichloroethane	79-00-5	1.0	BDL
Trichloroethene	79-01-6	1.0	BDL
Trichlorofluoromethane	75-69-4	1.0	BDL
Vinyl Chloride	75-01-4	1.0	BDL
cis-1,2-Dichloroethylene	541-59-4	1.0	BDL

SURROGATE RECOVERY:
BFB 107%

BDL = Below Sample Detection Limit
SDL = Sample Detection Limit

COMMENTS: _____

COMPANY NAME: HydroLogic-Morris., Inc.
COMPANY PROJECT NUMBER: FRONT ROYAL/VELLO TEER #0013-94-012

HYDROLOGIC PROJECT NUMBER: FL952354
HYDROLOGIC SAMPLE NUMBER: 952360
HYDROLOGIC LAB I.D. #: 399
SAMPLE IDENTIFICATION: MW-7
DATE SAMPLED: 1/26/95
DATE EXTRACTED: N/A
DATE/TIME ANALYZED: 2/1/95

METHOD EPA 602

ANALYSIS	CAS NO.	SDL (ug/l)	RESULT (ug/l)
Benzene	71-43-2	1.0	BDL
Chlorobenzene	108-90-7	1.0	BDL
1,2-Dichlorobenzene	95-50-1	1.0	BDL
1,3-Dichlorobenzene	541-73-1	1.0	BDL
1,4-Dichlorobenzene	106-46-7	1.0	BDL
Ethylbenzene	100-41-4	1.0	BDL
Toluene	108-88-3	1.0	BDL
Xylene (Total)	1330-20-7	1.0	BDL
Surrogate Recovery:			
BFB			77%

BDL = Below Sample Detection Limit
SDL = Sample Detection Limit

COMMENTS: _____

COMPANY NAME: HydroLogic-Morris., Inc.
COMPANY PROJECT NUMBER: FRONT ROYAL/VELLO TEER #0013-94-012

HYDROLOGIC PROJECT NUMBER: FL952354
HYDROLOGIC SAMPLE NUMBER: 952360
HYDROLOGIC LAB I.D. #: 399
SAMPLE IDENTIFICATION: MW-7
DATE SAMPLED: 1/26/95
DATE EXTRACTED: 2/1/95
DATE/TIME ANALYZED: 2/5/95

METHOD 610 by 625

ANALYSIS	CAS NO.	SDL (ug/l)	RESULT (ug/l)
Naphthalene	91-20-3	2.0	BDL
Acenaphthylene	208-96-8	2.0	BDL
Acenaphthene	83-32-9	2.0	BDL
Fluorene	86-73-7	2.0	BDL
Phenanthrene	85-01-8	2.0	BDL
Anthracene	120-12-7	2.0	BDL
Fluoranthene	206-44-0	2.0	BDL
Pyrene	129-00-0	2.0	BDL
Benzo(a)anthracene	56-55-3	2.0	BDL
Chrysene	218-01-9	2.0	BDL
Benzo(b)fluoranthene	205-99-2	2.0	BDL
Benzo(k)fluoranthene	207-08-9	2.0	BDL
Benzo(a)pyrene	50-32-8	2.0	BDL
Indeno(1,2,3-cd)pyrene	193-39-5	2.0	BDL
Dibenz(a,h)anthracene	53-70-3	2.0	BDL
Benzo(g,h,i)perylene	191-24-2	2.0	BDL

BDL = Below Sample Detection Limit
SDL = Sample Detection Limit

COMMENTS: _____

COMPANY NAME: HydroLogic-Morris., Inc.
COMPANY PROJECT NUMBER: FRONT ROYAL/VELLO TEER #0013-94-012

HYDROLOGIC PROJECT NUMBER: FL952354
HYDROLOGIC SAMPLE NUMBER: 952361
HYDROLOGIC LAB I.D. #: 399
SAMPLE IDENTIFICATION: MW-12
DATE SAMPLED: 1/26/95
DATE EXTRACTED: N/A
DATE/TIME ANALYZED: 2/1/95

METHOD EPA 601

ANALYSIS	CAS NO.	SDL (ug/l)	RESULT (ug/l)
Bromodichloromethane	75-27-4	1.0	BDL
Bromoform	75-25-2	1.0	BDL
Bromomethane	74-83-9	1.0	BDL
Carbon Tetrachloride	56-23-5	1.0	BDL
Chlorobenzene	108-90-7	1.0	BDL
Chloroethane	75-00-3	1.0	BDL
2-Chloro Ethyl Vinyl Ether	110-75-8	1.0	BDL
Chloroform	67-66-3	1.0	BDL
Chloromethane	74-87-3	1.0	BDL
Dibromochloromethane	124-48-1	1.0	BDL
1,2-Dichlorobenzene	95-50-1	1.0	BDL
1,3-Dichlorobenzene	541-73-1	1.0	BDL
1,4-Dichlorobenzene	106-46-7	1.0	BDL
Dichlorofluoromethane	75-43-4	1.0	BDL
1,1-Dichloroethane	75-34-3	1.0	BDL
1,2-Dichloroethane	107-06-2	1.0	BDL
1,1-Dichloroethene	75-35-4	1.0	BDL
trans-1,2-Dichloroethene	156-60-5	1.0	BDL
1,2-Dichloropropane	78-87-5	1.0	BDL
cis-1,3-Dichloropropene	10061-01-5	1.0	BDL
trans-1,3-Dichloropropene	10061-02-6	1.0	BDL
Methylene Chloride	75-09-2	1.0	BDL
1,1,2,2-Tetrachloroethane	79-34-5	1.0	BDL
Tetrachloroethene	127-18-4	1.0	BDL
1,1,1-Trichloroethane	71-55-6	1.0	BDL

COMPANY NAME: HydroLogic-Morris., Inc.
COMPANY PROJECT NUMBER: FRONT ROYAL/VELLO TEER #0013-94-012

HYDROLOGIC PROJECT NUMBER: FL952354
HYDROLOGIC SAMPLE NUMBER: 952361
SAMPLE IDENTIFICATION: MW-12
DATE SAMPLED: 1/26/95

METHOD EPA 601

ANALYSIS	CAS NO.	SDL (ug/l)	RESULT (ug/l)
1,1,2-Trichloroethane	79-00-5	1.0	BDL
Trichloroethene	79-01-6	1.0	BDL
Trichlorofluoromethane	75-69-4	1.0	BDL
Vinyl Chloride	75-01-4	1.0	BDL
cis-1,2-Dichloroethylene	541-59-4	1.0	BDL

SURROGATE RECOVERY:
BFB 103%

BDL = Below Sample Detection Limit
SDL = Sample Detection Limit

COMMENTS: _____

COMPANY NAME: HydroLogic-Morris., Inc.
COMPANY PROJECT NUMBER: FRONT ROYAL/VELLO TEER #0013-94-012

HYDROLOGIC PROJECT NUMBER: FL952354
HYDROLOGIC SAMPLE NUMBER: 952361
HYDROLOGIC LAB I.D. #: 399
SAMPLE IDENTIFICATION: MW-12
DATE SAMPLED: 1/26/95
DATE EXTRACTED: N/A
DATE/TIME ANALYZED: 2/1/95

METHOD EPA 602

ANALYSIS	CAS NO.	SDL (ug/l)	RESULT (ug/l)
Benzene	71-43-2	1.0	BDL
Chlorobenzene	108-90-7	1.0	BDL
1,2-Dichlorobenzene	95-50-1	1.0	BDL
1,3-Dichlorobenzene	541-73-1	1.0	BDL
1,4-Dichlorobenzene	106-46-7	1.0	BDL
Ethylbenzene	100-41-4	1.0	BDL
Toluene	108-88-3	1.0	BDL
Xylene (Total)	1330-20-7	1.0	BDL
Surrogate Recovery:			
BFB			72%

BDL = Below Sample Detection Limit
SDL = Sample Detection Limit

COMMENTS: _____

COMPANY NAME: HydroLogic-Morris., Inc.
COMPANY PROJECT NUMBER: FRONT ROYAL/VELLO TEER #0013-94-012

HYDROLOGIC PROJECT NUMBER: FL952354
HYDROLOGIC SAMPLE NUMBER: 952361
HYDROLOGIC LAB I.D. #: 399
SAMPLE IDENTIFICATION: MW-12
DATE SAMPLED: 1/26/95
DATE EXTRACTED: 2/1/95
DATE/TIME ANALYZED: 2/5/95

METHOD 610 by 625

ANALYSIS	CAS NO.	SDL (ug/l)	RESULT (ug/l)
Naphthalene	91-20-3	2.0	BDL
Acenaphthylene	208-96-8	2.0	BDL
Acenaphthene	83-32-9	2.0	BDL
Fluorene	86-73-7	2.0	BDL
Phenanthrene	85-01-8	2.0	BDL
Anthracene	120-12-7	2.0	BDL
Fluoranthene	206-44-0	2.0	BDL
Pyrene	129-00-0	2.0	BDL
Benzo(a)anthracene	56-55-3	2.0	BDL
Chrysene	218-01-9	2.0	BDL
Benzo(b)fluoranthene	205-99-2	2.0	BDL
Benzo(k)fluoranthene	207-08-9	2.0	BDL
Benzo(a)pyrene	50-32-8	2.0	BDL
Indeno(1,2,3-cd)pyrene	193-39-5	2.0	BDL
Dibenz(a,h)anthracene	53-70-3	2.0	BDL
Benzo(g,h,i)perylene	191-24-2	2.0	BDL

BDL = Below Sample Detection Limit
SDL = Sample Detection Limit

COMMENTS: _____

COMPANY NAME: HydroLogic-Morris., Inc.
COMPANY PROJECT NUMBER: FRONT ROYAL/VELLO TEER #0013-94-012

HYDROLOGIC PROJECT NUMBER: FL952354
HYDROLOGIC SAMPLE NUMBER: 952362
HYDROLOGIC LAB I.D. #: 399
SAMPLE IDENTIFICATION: MW-15S
DATE SAMPLED: 1/26/95
DATE EXTRACTED: N/A
DATE/TIME ANALYZED: 2/2/95

METHOD EPA 601

ANALYSIS	CAS NO.	SDL (ug/l)	RESULT (ug/l)
Bromodichloromethane	75-27-4	10.0	BDL
Bromoform	75-25-2	10.0	BDL
Bromomethane	74-83-9	10.0	BDL
Carbon Tetrachloride	56-23-5	10.0	BDL
Chlorobenzene	108-90-7	10.0	BDL
Chloroethane	75-00-3	10.0	BDL
2-Chloro Ethyl Vinyl Ether	110-75-8	10.0	BDL
Chloroform	67-66-3	10.0	BDL
Chloromethane	74-87-3	10.0	BDL
Dibromochloromethane	124-48-1	10.0	BDL
1,2-Dichlorobenzene	95-50-1	10.0	BDL
1,3-Dichlorobenzene	541-73-1	10.0	BDL
1,4-Dichlorobenzene	106-46-7	10.0	BDL
Dichlorofluoromethane	75-43-4	10.0	BDL
1,1-Dichloroethane	75-34-3	10.0	BDL
1,2-Dichloroethane	107-06-2	10.0	BDL
1,1-Dichloroethene	75-35-4	10.0	BDL
trans-1,2-Dichloroethene	156-60-5	10.0	BDL
1,2-Dichloropropane	78-87-5	10.0	BDL
cis-1,3-Dichloropropene	10061-01-5	10.0	BDL
trans-1,3-Dichloropropene	10061-02-6	10.0	BDL
Methylene Chloride	75-09-2	10.0	BDL
1,1,2,2-Tetrachloroethane	79-34-5	10.0	BDL
Tetrachloroethene	127-18-4	10.0	BDL
1,1,1-Trichloroethane	71-55-6	10.0	BDL

COMPANY NAME: HydroLogic-Morris., Inc.
COMPANY PROJECT NUMBER: FRONT ROYAL/VELLO TEER #0013-94-012

HYDROLOGIC PROJECT NUMBER: FL952354
HYDROLOGIC SAMPLE NUMBER: 952362
SAMPLE IDENTIFICATION: MW-15S
DATE SAMPLED: 1/26/95

METHOD EPA 601

ANALYSIS	CAS NO.	SDL (ug/l)	RESULT (ug/l)
1,1,2-Trichloroethane	79-00-5	10.0	BDL
Trichloroethene	79-01-6	10.0	BDL
Trichlorofluoromethane	75-69-4	10.0	BDL
Vinyl Chloride	75-01-4	10.0	BDL
cis-1,2-Dichloroethylene	541-59-4	10.0	BDL
SURROGATE RECOVERY:			
BFB			87%

BDL = Below Sample Detection Limit
SDL = Sample Detection Limit

COMMENTS: DILUTION FACTOR X 10

COMPANY NAME: HydroLogic-Morris., Inc.
COMPANY PROJECT NUMBER: FRONT ROYAL/VELLO TEER #0013-94-012

HYDROLOGIC PROJECT NUMBER: FL952354
HYDROLOGIC SAMPLE NUMBER: 952362
HYDROLOGIC LAB I.D. #: 399
SAMPLE IDENTIFICATION: MW-15S
DATE SAMPLED: 1/26/95
DATE EXTRACTED: N/A
DATE/TIME ANALYZED: 2/2/95

METHOD EPA 602

ANALYSIS	CAS NO.	SDL (ug/l)	RESULT (ug/l)
Benzene	71-43-2	10.0	BDL
Chlorobenzene	108-90-7	10.0	BDL
1,2-Dichlorobenzene	95-50-1	10.0	BDL
1,3-Dichlorobenzene	541-73-1	10.0	BDL
1,4-Dichlorobenzene	106-46-7	10.0	BDL
Ethylbenzene	**100-41-4**	**10.0**	**43.0**
Toluene	108-88-3	10.0	BDL
Xylene (Total)	**1330-20-7**	**10.0**	**170**
Surrogate Recovery:			
BFB			91%

BDL = Below Sample Detection Limit
SDL = Sample Detection Limit

COMMENTS: DILUTION FACTOR X 10

COMPANY NAME: HydroLogic-Morris., Inc.
COMPANY PROJECT NUMBER: FRONT ROYAL/VELLO TEER #0013-94-012

HYDROLOGIC PROJECT NUMBER: FL952354
HYDROLOGIC SAMPLE NUMBER: 952362
HYDROLOGIC LAB I.D. #: 399
SAMPLE IDENTIFICATION: MW-15S
DATE SAMPLED: 1/26/95
DATE EXTRACTED: 2/1/95
DATE/TIME ANALYZED: 2/5/95

METHOD 610 by 625

ANALYSIS	CAS NO.	SDL (ug/l)	RESULT (ug/l)
Naphthalene	**91-20-3**	**2.0**	**60.9**
Acenaphthylene	208-96-8	2.0	BDL
Acenaphthene	83-32-9	2.0	BDL
Fluorene	86-73-7	2.0	BDL
Phenanthrene	85-01-8	2.0	BDL
Anthracene	120-12-7	2.0	BDL
Fluoranthene	206-44-0	2.0	BDL
Pyrene	129-00-0	2.0	BDL
Benzo(a)anthracene	56-55-3	2.0	BDL
Chrysene	218-01-9	2.0	BDL
Benzo(b)fluoranthene	205-99-2	2.0	BDL
Benzo(k)fluoranthene	207-08-9	2.0	BDL
Benzo(a)pyrene	50-32-8	2.0	BDL
Indeno(1,2,3-cd)pyrene	193-39-5	2.0	BDL
Dibenz(a,h)anthracene	53-70-3	2.0	BDL
Benzo(g,h,i)perylene	191-24-2	2.0	BDL

BDL = Below Sample Detection Limit
SDL = Sample Detection Limit

COMMENTS: _____

COMPANY NAME: HydroLogic-Morris., Inc.
COMPANY PROJECT NUMBER: FRONT ROYAL/VELLO TEER #0013-94-012

HYDROLOGIC PROJECT NUMBER: FL952354
HYDROLOGIC SAMPLE NUMBER: 952363
HYDROLOGIC LAB I.D. #: 399
SAMPLE IDENTIFICATION: MW-15I
DATE SAMPLED: 1/26/95
DATE EXTRACTED: N/A
DATE/TIME ANALYZED: 2/1/95

METHOD EPA 601

ANALYSIS	CAS NO.	SDL (ug/l)	RESULT (ug/l)
Bromodichloromethane	75-27-4	1.0	BDL
Bromoform	75-25-2	1.0	BDL
Bromomethane	74-83-9	1.0	BDL
Carbon Tetrachloride	56-23-5	1.0	BDL
Chlorobenzene	108-90-7	1.0	BDL
Chloroethane	75-00-3	1.0	BDL
2-Chloro Ethyl Vinyl Ether	110-75-8	1.0	BDL
Chloroform	67-66-3	1.0	BDL
Chloromethane	74-87-3	1.0	BDL
Dibromochloromethane	124-48-1	1.0	BDL
1,2-Dichlorobenzene	95-50-1	1.0	BDL
1,3-Dichlorobenzene	541-73-1	1.0	BDL
1,4-Dichlorobenzene	106-46-7	1.0	BDL
Dichlorofluoromethane	75-43-4	1.0	BDL
1,1-Dichloroethane	75-34-3	1.0	BDL
1,2-Dichloroethane	107-06-2	1.0	BDL
1,1-Dichloroethene	75-35-4	1.0	BDL
trans-1,2-Dichloroethene	156-60-5	1.0	BDL
1,2-Dichloropropane	78-87-5	1.0	BDL
cis-1,3-Dichloropropene	10061-01-5	1.0	BDL
trans-1,3-Dichloropropene	10061-02-6	1.0	BDL
Methylene Chloride	75-09-2	1.0	BDL
1,1,2,2-Tetrachloroethane	79-34-5	1.0	BDL
Tetrachloroethene	127-18-4	1.0	BDL
1,1,1-Trichloroethane	71-55-6	1.0	BDL

COMPANY NAME: HydroLogic-Morris., Inc.
COMPANY PROJECT NUMBER: FRONT ROYAL/VELLO TEER #0013-94-012

HYDROLOGIC PROJECT NUMBER: FL952354
HYDROLOGIC SAMPLE NUMBER: 952363
SAMPLE IDENTIFICATION: MW-15I
DATE SAMPLED: 1/26/95

METHOD EPA 601

ANALYSIS	CAS NO.	SDL (ug/l)	RESULT (ug/l)
1,1,2-Trichloroethane	79-00-5	1.0	BDL
Trichloroethene	79-01-6	1.0	BDL
Trichlorofluoromethane	75-69-4	1.0	BDL
Vinyl Chloride	75-01-4	1.0	BDL
cis-1,2-Dichloroethylene	541-59-4	1.0	BDL
SURROGATE RECOVERY:			
BFB			107%

BDL = Below Sample Detection Limit
SDL = Sample Detection Limit

COMMENTS: _____

COMPANY NAME: HydroLogic-Morris., Inc.
COMPANY PROJECT NUMBER: FRONT ROYAL/VELLO TEER #0013-94-012

HYDROLOGIC PROJECT NUMBER: FL952354
HYDROLOGIC SAMPLE NUMBER: 952363
HYDROLOGIC LAB I.D. #: 399
SAMPLE IDENTIFICATION: MW-15I
DATE SAMPLED: 1/26/95
DATE EXTRACTED: N/A
DATE/TIME ANALYZED: 2/1/95

METHOD EPA 602

ANALYSIS	CAS NO.	SDL (ug/l)	RESULT (ug/l)
Benzene	71-43-2	1.0	BDL
Chlorobenzene	108-90-7	1.0	BDL
1,2-Dichlorobenzene	95-50-1	1.0	BDL
1,3-Dichlorobenzene	541-73-1	1.0	BDL
1,4-Dichlorobenzene	106-46-7	1.0	BDL
Ethylbenzene	**100-41-4**	**1.0**	**3.4**
Toluene	108-88-3	1.0	BDL
Xylene (Total)	**1330-20-7**	**1.0**	**9.0**
Surrogate Recovery:			
BFB			70%

BDL = Below Sample Detection Limit
SDL = Sample Detection Limit

COMMENTS: _____

COMPANY NAME: HydroLogic-Morris., Inc.
COMPANY PROJECT NUMBER: FRONT ROYAL/VELLO TEER #0013-94-012

HYDROLOGIC PROJECT NUMBER: FL952354
HYDROLOGIC SAMPLE NUMBER: 952363
HYDROLOGIC LAB I.D. #: 399
SAMPLE IDENTIFICATION: MW-15I
DATE SAMPLED: 1/26/95
DATE EXTRACTED: 2/1/95
DATE/TIME ANALYZED: 2/5/95

METHOD 610 by 625

ANALYSIS	CAS NO.	SDL (ug/l)	RESULT (ug/l)
Naphthalene	91-20-3	2.0	BDL
Acenaphthylene	208-96-8	2.0	BDL
Acenaphthene	83-32-9	2.0	BDL
Fluorene	86-73-7	2.0	BDL
Phenanthrene	85-01-8	2.0	BDL
Anthracene	120-12-7	2.0	BDL
Fluoranthene	206-44-0	2.0	BDL
Pyrene	129-00-0	2.0	BDL
Benzo(a)anthracene	56-55-3	2.0	BDL
Chrysene	218-01-9	2.0	BDL
Benzo(b)fluoranthene	205-99-2	2.0	BDL
Benzo(k)fluoranthene	207-08-9	2.0	BDL
Benzo(a)pyrene	50-32-8	2.0	BDL
Indeno(1,2,3-cd)pyrene	193-39-5	2.0	BDL
Dibenz(a,h)anthracene	53-70-3	2.0	BDL
Benzo(g,h,i)perylene	191-24-2	2.0	BDL

BDL = Below Sample Detection Limit
SDL = Sample Detection Limit

COMMENTS: _____

COMPANY NAME: HydroLogic-Morris., Inc.
COMPANY PROJECT NUMBER: FRONT ROYAL/VELLO TEER #0013-94-012

HYDROLOGIC PROJECT NUMBER: FL952354
HYDROLOGIC SAMPLE NUMBER: 952364
HYDROLOGIC LAB I.D. #: 399
SAMPLE IDENTIFICATION: MW-26
DATE SAMPLED: 1/26/95
DATE EXTRACTED: N/A
DATE/TIME ANALYZED: 2/1/95

METHOD EPA 601

ANALYSIS	CAS NO.	SDL (ug/l)	RESULT (ug/l)
Bromodichloromethane	75-27-4	1.0	BDL
Bromoform	75-25-2	1.0	BDL
Bromomethane	74-83-9	1.0	BDL
Carbon Tetrachloride	56-23-5	1.0	BDL
Chlorobenzene	108-90-7	1.0	BDL
Chloroethane	75-00-3	1.0	BDL
2-Chloro Ethyl Vinyl Ether	110-75-8	1.0	BDL
Chloroform	67-66-3	1.0	BDL
Chloromethane	74-87-3	1.0	BDL
Dibromochloromethane	124-48-1	1.0	BDL
1,2-Dichlorobenzene	95-50-1	1.0	BDL
1,3-Dichlorobenzene	541-73-1	1.0	BDL
1,4-Dichlorobenzene	106-46-7	1.0	BDL
Dichlorofluoromethane	75-43-4	1.0	BDL
1,1-Dichloroethane	**75-34-3**	**1.0**	**100**
1,2-Dichloroethane	107-06-2	1.0	BDL
1,1-Dichloroethene	75-35-4	1.0	BDL
trans-1,2-Dichloroethene	156-60-5	1.0	BDL
1,2-Dichloropropane	78-87-5	1.0	BDL
cis-1,3-Dichloropropene	10061-01-5	1.0	BDL
trans-1,3-Dichloropropene	10061-02-6	1.0	BDL
Methylene Chloride	75-09-2	1.0	BDL
1,1,2,2-Tetrachloroethane	79-34-5	1.0	BDL
Tetrachloroethene	127-18-4	1.0	BDL
1,1,1-Trichloroethane	71-55-6	1.0	BDL

COMPANY NAME: HydroLogic-Morris., Inc.
COMPANY PROJECT NUMBER: FRONT ROYAL/VELLO TEER #0013-94-012

HYDROLOGIC PROJECT NUMBER: FL952354
HYDROLOGIC SAMPLE NUMBER: 952364
SAMPLE IDENTIFICATION: MW-26
DATE SAMPLED: 1/26/95

METHOD EPA 601

ANALYSIS	CAS NO.	SDL (ug/l)	RESULT (ug/l)
1,1,2-Trichloroethane	79-00-5	1.0	BDL
Trichloroethene	79-01-6	1.0	BDL
Trichlorofluoromethane	75-69-4	1.0	BDL
Vinyl Chloride	75-01-4	1.0	BDL
cis-1,2-Dichloroethylene	541-59-4	1.0	BDL
SURROGATE RECOVERY:			
BFB			81%

BDL = Below Sample Detection Limit
SDL = Sample Detection Limit

COMMENTS: _____

COMPANY NAME: HydroLogic-Morris., Inc.
COMPANY PROJECT NUMBER: FRONT ROYAL/VELLO TEER #0013-94-012

HYDROLOGIC PROJECT NUMBER: FL952354
HYDROLOGIC SAMPLE NUMBER: 952364
HYDROLOGIC LAB I.D. #: 399
SAMPLE IDENTIFICATION: MW-26
DATE SAMPLED: 1/26/95
DATE EXTRACTED: N/A
DATE/TIME ANALYZED: 2/1/95

METHOD EPA 602

ANALYSIS	CAS NO.	SDL (ug/l)	RESULT (ug/l)
Benzene	71-43-2	1.0	BDL
Chlorobenzene	108-90-7	1.0	BDL
1,2-Dichlorobenzene	95-50-1	1.0	BDL
1,3-Dichlorobenzene	541-73-1	1.0	BDL
1,4-Dichlorobenzene	106-46-7	1.0	BDL
Ethylbenzene	100-41-4	1.0	BDL
Toluene	108-88-3	1.0	BDL
Xylene (Total)	1330-20-7	1.0	BDL
Surrogate Recovery:			
BFB			83%

BDL = Below Sample Detection Limit
SDL = Sample Detection Limit

COMMENTS: _____

COMPANY NAME: HydroLogic-Morris., Inc.
COMPANY PROJECT NUMBER: FRONT ROYAL/VELLO TEER #0013-94-012

HYDROLOGIC PROJECT NUMBER: FL952354
HYDROLOGIC SAMPLE NUMBER: 952364
HYDROLOGIC LAB I.D. #: 399
SAMPLE IDENTIFICATION: MW-26
DATE SAMPLED: 1/26/95
DATE EXTRACTED: 2/1/95
DATE/TIME ANALYZED: 2/5/95

METHOD 610 by 625

ANALYSIS	CAS NO.	SDL (ug/l)	RESULT (ug/l)
Naphthalene	91-20-3	2.0	BDL
Acenaphthylene	208-96-8	2.0	BDL
Acenaphthene	83-32-9	2.0	BDL
Fluorene	86-73-7	2.0	BDL
Phenanthrene	85-01-8	2.0	BDL
Anthracene	120-12-7	2.0	BDL
Fluoranthene	206-44-0	2.0	BDL
Pyrene	129-00-0	2.0	BDL
Benzo(a)anthracene	56-55-3	2.0	BDL
Chrysene	218-01-9	2.0	BDL
Benzo(b)fluoranthene	205-99-2	2.0	BDL
Benzo(k)fluoranthene	207-08-9	2.0	BDL
Benzo(a)pyrene	50-32-8	2.0	BDL
Indeno(1,2,3-cd)pyrene	193-39-5	2.0	BDL
Dibenz(a,h)anthracene	53-70-3	2.0	BDL
Benzo(g,h,i)perylene	191-24-2	2.0	BDL

BDL = Below Sample Detection Limit
SDL = Sample Detection Limit

COMMENTS: _____

COMPANY NAME: HydroLogic-Morris., Inc.
COMPANY PROJECT NUMBER: FRONT ROYAL/VELLO TEER #0013-94-012

HYDROLOGIC PROJECT NUMBER: FL952354
HYDROLOGIC SAMPLE NUMBER: 952365
HYDROLOGIC LAB I.D. #: 399
SAMPLE IDENTIFICATION: MW-11
DATE SAMPLED: 1/26/95
DATE EXTRACTED: N/A
DATE/TIME ANALYZED: 2/2/95

METHOD EPA 601

ANALYSIS	CAS NO.	SDL (ug/l)	RESULT (ug/l)
Bromodichloromethane	75-27-4	1.0	BDL
Bromoform	75-25-2	1.0	BDL
Bromomethane	74-83-9	1.0	BDL
Carbon Tetrachloride	56-23-5	1.0	BDL
Chlorobenzene	108-90-7	1.0	BDL
Chloroethane	75-00-3	1.0	BDL
2-Chloro Ethyl Vinyl Ether	110-75-8	1.0	BDL
Chloroform	67-66-3	1.0	BDL
Chloromethane	74-87-3	1.0	BDL
Dibromochloromethane	124-48-1	1.0	BDL
1,2-Dichlorobenzene	95-50-1	1.0	BDL
1,3-Dichlorobenzene	541-73-1	1.0	BDL
1,4-Dichlorobenzene	106-46-7	1.0	BDL
Dichlorofluoromethane	75-43-4	1.0	BDL
1,1-Dichloroethane	75-34-3	1.0	BDL
1,2-Dichloroethane	107-06-2	1.0	BDL
1,1-Dichloroethene	75-35-4	1.0	BDL
trans-1,2-Dichloroethene	156-60-5	1.0	BDL
1,2-Dichloropropane	78-87-5	1.0	BDL
cis-1,3-Dichloropropene	10061-01-5	1.0	BDL
trans-1,3-Dichloropropene	10061-02-6	1.0	BDL
Methylene Chloride	75-09-2	1.0	BDL
1,1,2,2-Tetrachloroethane	79-34-5	1.0	BDL
Tetrachloroethene	127-18-4	1.0	BDL
1,1,1-Trichloroethane	71-55-6	1.0	BDL

COMPANY NAME: HydroLogic-Morris., Inc.
COMPANY PROJECT NUMBER: FRONT ROYAL/VELLO TEER #0013-94-012

HYDROLOGIC PROJECT NUMBER: FL952354
HYDROLOGIC SAMPLE NUMBER: 952365
SAMPLE IDENTIFICATION: MW-11
DATE SAMPLED: 1/26/95

METHOD EPA 601

ANALYSIS	CAS NO.	SDL (ug/l)	RESULT (ug/l)
1,1,2-Trichloroethane	79-00-5	1.0	BDL
Trichloroethene	**79-01-6**	**1.0**	**2.5**
Trichlorofluoromethane	75-69-4	1.0	BDL
Vinyl Chloride	75-01-4	1.0	BDL
cis-1,2-Dichloroethylene	541-59-4	1.0	BDL

SURROGATE RECOVERY:
BFB 81%

BDL = Below Sample Detection Limit
SDL = Sample Detection Limit

COMMENTS: _____

COMPANY NAME: HydroLogic-Morris., Inc.
COMPANY PROJECT NUMBER: FRONT ROYAL/VELLO TEER #0013-94-012

HYDROLOGIC PROJECT NUMBER: FL952354
HYDROLOGIC SAMPLE NUMBER: 952365
HYDROLOGIC LAB I.D. #: 399
SAMPLE IDENTIFICATION: MW-11
DATE SAMPLED: 1/26/95
DATE EXTRACTED: N/A
DATE/TIME ANALYZED: 2/2/95

METHOD EPA 602

ANALYSIS	CAS NO.	SDL (ug/l)	RESULT (ug/l)
Benzene	71-43-2	1.0	BDL
Chlorobenzene	108-90-7	1.0	BDL
1,2-Dichlorobenzene	95-50-1	1.0	BDL
1,3-Dichlorobenzene	541-73-1	1.0	BDL
1,4-Dichlorobenzene	106-46-7	1.0	BDL
Ethylbenzene	100-41-4	1.0	BDL
Toluene	108-88-3	1.0	BDL
Xylene (Total)	1330-20-7	1.0	BDL
Surrogate Recovery:			
BFB			88%

BDL = Below Sample Detection Limit
SDL = Sample Detection Limit

COMMENTS: _____

COMPANY NAME: HydroLogic-Morris., Inc.
COMPANY PROJECT NUMBER: FRONT ROYAL/VELLO TEER #0013-94-012

HYDROLOGIC PROJECT NUMBER: FL952354
HYDROLOGIC SAMPLE NUMBER: 952365
HYDROLOGIC LAB I.D. #: 399
SAMPLE IDENTIFICATION: MW-11
DATE SAMPLED: 1/26/95
DATE EXTRACTED: 2/1/95
DATE/TIME ANALYZED: 2/5/95

METHOD 610 by 625

ANALYSIS	CAS NO.	SDL (ug/l)	RESULT (ug/l)
Naphthalene	91-20-3	2.0	BDL
Acenaphthylene	208-96-8	2.0	BDL
Acenaphthene	83-32-9	2.0	BDL
Fluorene	86-73-7	2.0	BDL
Phenanthrene	85-01-8	2.0	BDL
Anthracene	120-12-7	2.0	BDL
Fluoranthene	206-44-0	2.0	BDL
Pyrene	129-00-0	2.0	BDL
Benzo(a)anthracene	56-55-3	2.0	BDL
Chrysene	218-01-9	2.0	BDL
Benzo(b)fluoranthene	205-99-2	2.0	BDL
Benzo(k)fluoranthene	207-08-9	2.0	BDL
Benzo(a)pyrene	50-32-8	2.0	BDL
Indeno(1,2,3-cd)pyrene	193-39-5	2.0	BDL
Dibenz(a,h)anthracene	53-70-3	2.0	BDL
Benzo(g,h,i)perylene	191-24-2	2.0	BDL

BDL = Below Sample Detection Limit
SDL = Sample Detection Limit

COMMENTS: _____

CHAIN OF CUSTODY

REPORT TO:
FRONT ROYAL ENVIRONMENTAL
% CHRIS REINHARDT
PO BOX 4350
CARY, NC 27519-4350

HydroLogic, Inc.
2500 Gateway Centre Blvd., Suite 900
Morrisville, NC 27560
800-241-4174
919-380-9699

PO # 41655

Method of Shipment:

F19523541 PAGE 1 OF 2

950346

CLIENT: Front Royal HELLO TEER
PHONE: 919/469-9795
PROJ #: 0013-94-012 PO #: 41655
SAMPLER: Barry C. Krell / Hayne D. Cahill

ANALYSES

PROJECT ID #:
REPORT DUE:
VERBAL FAX COPY HARD COPY

FIELD ID	SAMPLE MATRIX	TIME COLLECTED	DATE COLLECTED	608	601	610	REMARKS
MW-3	H_2O	10:35	1/26/95	✓	✓	✓	
MW-20D	H_2O	11:00	1/26/95	✓	✓	✓	
MW-13	H_2O	12:25	1/26/95	✓	✓	✓	
MW-23	H_2O	12:35	1/26/95	✓	✓	✓	1 Broken - JR - 1-30-95
MW-21	H_2O	16:00	1/26/95	✓	✓	✓	
MW-1	H_2O	16:15	1/26/95	✓	✓	✓	
MW-7	H_2O	16:45	1/26/95	✓	✓	✓	☑ MEOD ON ICE
MW-12	H_2O	17:00	1/26/95	✓	✓	✓	☐ PRESERVED
MW-15S	H_2O	17:30	1/26/95	✓	✓	✓	by: 1 Broken JR 1-28-95
MW-15I	H_2O	17:40	1/26/95	✓	✓	✓	

RELINQUISHED BY: Hayne D. Cahill	DATE / TIME: 1/27/95	10:10	RECEIVED BY:	DATE / TIME: 1-27-95	1010
RELINQUISHED BY:	DATE / TIME: 1-27-95	1800	RECEIVED BY:	DATE / TIME:	
RELINQUISHED BY:	DATE / TIME:		RECEIVED BY:	DATE / TIME:	
DISPATCHED BY:	DATE / TIME:		RECEIVED BY: J Ramsey	DATE / TIME: 1-30-95	11:00

CHAIN OF CUSTODY

REPORT TO:
FRONT ROYAL ENVIRONMENTAL
% CHRIS REINHARDT
PO BOX 4350
CARY, NC 27519-4350

HydroLogic, Inc.
2500 Gateway Centre Blvd., Suite 900
Morrisville, NC 27560
800-241-4174
919-380-9699

PO # 41655

Method of Shipment:

950346

PAGE 2 OF 2

CLIENT: FRONT ROYAL / NELLO TEEK
PHONE: 919/469-9795
PROJ #: 0013-94-012 PO #: 41655
SAMPLER: Barry C Krall / Harry D. Cagle

ANALYSES

PROJECT ID #:
REPORT DUE:
VERBAL FAX COPY HARD COPY

FIELD ID	SAMPLE MATRIX	TIME COLLECTED	DATE COLLECTED	601	602	610								REMARKS
MW-26	H_2O	18:10	1/26/95	✓	✓	✓								
MW-11	H_2O	18:20	1/26/95	✓	✓	✓								

RELINQUISHED BY: Harry D. Cagle	DATE / TIME: 1/27/95	10:10	RECEIVED BY:	DATE / TIME: 1/27/95 1010
RELINQUISHED BY:	DATE / TIME: 1-27-95	1800	RECEIVED BY:	DATE / TIME:
RELINQUISHED BY:	DATE / TIME:		RECEIVED BY:	DATE / TIME:
DISPATCHED BY:	DATE / TIME:		RECEIVED BY:	DATE / TIME:

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